

DEUTSCHLAND TECHNIK **LICHT** DTL

Katalog 4.0 Flächenleuchten / Freiform / Profile

Deutschland Technik Licht

Die DTL Licht GmbH erarbeitet anspruchsvolle Beleuchtungskonzepte und Lichtlösungen und bringt dabei über 25 Jahre Know-How und Erfahrung rund um Lichttechnik und -planung mit.
Aus der Kombination von technischem Know-How, der Liebe zum Detail im Design und flexiblen Strukturen im Unternehmen entstehen im Zusammenspiel mit Planern und Kunden individuelle Beleuchtungskonzepte.
Die Umsetzung von kundenspezifischen Lösungen gehört zu unseren Stärken.
Neueste Technologien und höchster Anspruch an Qualität und Funktionalität sind maßgebend aus den jeweiligen Design- und Entwicklungsabteilungen.
Auf dieser Basis entstehen unverwechselbare Lichtlösungen, jeweils abgestimmt auf die unterschiedlichen Anforderungen unserer Kunden. Ein spürbarer Mehrwert für den Nutzer entsteht.
Just-In-Time sorgen wir mit unserem Leuchtenmanagement für zeitlich abgestimmte Bemusterungstermine, Liefertermine für Ihre Kunden und Elektrofirmen.

DTL

Zubehör / Technik / Optionen

Die empfohlenen Konverter erhalten Sie bei Produktanfragen selbstverständlich immer inklusive angeboten.
Es werden führende, namhafte Hersteller von Konvertern und LED Technoligie verwendet.
Konverter geeignet für:
Deckeneinwurf ON/OFF
Deckeneinwurf DALI dimmable DT 6
Deckeneinwurf DALI dimmbar DT 8 (TW only)
Casambi Technologie

LED Technik

Generell werden in allen Leuchten LED´s mit einer Farbwiedergabe-Qualität von min. CRI 90 verwendet.
Standard Lichtfarben sind 2.700 Kelvin / 3.000 Kelvin / 4.000 Kelvin.
HCL – Human Centric Lighting mit 2.700 / 5.700 Kelvin.
Selbstverständlich sind projektbezogene Lichtfarben von 2.200 bis 6.000 Kelvin möglich.

Individualität

Für Individual-Lösungen von Bauform / Ballwurfzertifikat / Schutzarten / Gehäusearten / Baugrößen und weiteren spezifischen technischen Bedarf sprechen Sie uns bitte an.

technische Änderungen

Die technischen Inhalte entsprechen dem Stand bei Drucklegung. Produktänderungen, die dem technischen Fortschritt dienen, vorbehalten.
DTL Licht behält sich das Recht auf technische Änderungen ohne vorherige Ankündigung vor.
DTL Licht GmbH.
Wir liefern ausschließlich nach unseren Allgemeinen Liefer- und Geschäftsbedingungen.

Nachhaltige Entwicklung

Ähnlich wie jedem Lebewesen das Streben nach Selbstverbesserung eigen ist, so verspüren auch wir das Bedürfnis, uns ständig zu verbessern und weiter zu wachsen. Mit jeder neuen Leuchte in unserem Produktportfolio kommt eine im Vergleich zum Vorgängermodell verbesserte und weiterentwickelte Version zustande, in der sich unser Bestreben nach Perfektion im Design und Technologie widerspiegelt.

Customer Solutions

Flexibilität und Konnektivität

Neugier, das Verlangen, ständig zu forschen und die Grenzen des Machbaren auszuloten, sind dem Menschen von der Natur aus gegeben und ermöglichen uns, beständig voranzukommen. Das gleiche Prinzip haben wir in die Philosophie einfließen lassen. Der Standard, in dem wir unsere Leuchten anbieten, ist keine Grenze, sondern eine Startlinie, und es liegt nur am Kunden, in welche Richtung wir uns gemeinsam begeben werden. Größe anpassen, Farbe ändern oder eine ganz neue Form kreieren – das ist genau das, was wir für unsere Kunden gerne machen. Oder wir nehmen einige der bereits bestehenden Leuchten und setzen sie zu ganz neuen und überraschenden Kompositionen zusammen. Flexibilität und Kundenorientierung sind zwei Trends, die in absehbarer Zeit die Welt beherrschen werden. Und wir sind dafür bereits jetzt bestens vorbereitet.

THE ESSENTIALS OF OUR CUSTOMER SOLUTIONS



Wir sind anpassungsfähig, ohne Kompromisse bei der Qualität einzugehen, und handeln stets im Sinne des Kunden. Flexibilität und Kundenorientierung sind bei allen unseren Kundenlösungen von höchster Bedeutung.

Flexibilität

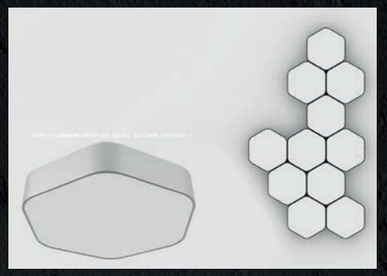
(Substantiv, feminin) Fähigkeit zu flexiblem, anpassungsfähigem Verhalten

Konnektivität

(Substantiv, feminin) Fähigkeit eine Verbindung herzustellen

THE HEXA CONCEPT.

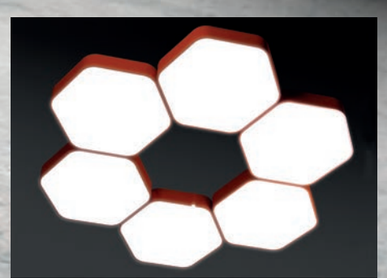
Die sechskantige Anbau- oder Pendelleuchte nimmt durch Multiplizieren eine ganz neue Identität an. Von einer simplen geometrischen Form entwickelt sie sich zu einem einfallsreichen Muster, das auf den allerersten Blick die Erinnerung an eine Bienenwabe hervorruft.





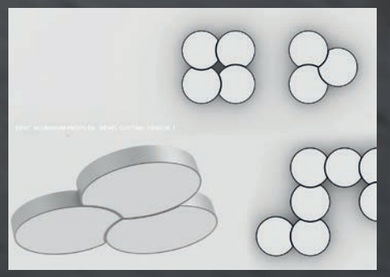




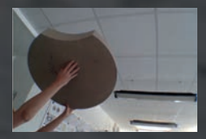


THE MOON CONCEPT

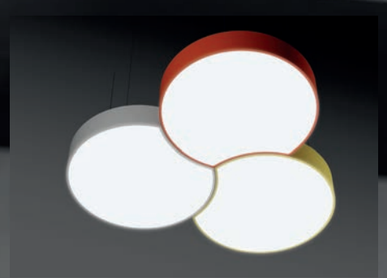
Nimmt er zu oder nimmt er ab? Wenn es auf die vom Mond inspirierte Leuchte MOON kommt, gibt es auf diese einfache Frage keine eindeutige Antwort. Fügen sie jedoch dem Einzelstück eins, zwei, drei oder gelassen fünf weitere bei, und sie werden beobachten können, wie rund um den Lichtkörper ein ganz neues Planetensystem entsteht.











THE ARROW CONCEPT

Die elementare Pfeil-Form der ARROW Leuchte mag auf den ersten Blick einen strengen Eindruck machen. Doch genau das Gegenteil ist der Fall. Lassen Sie die Kreativität mitspielen und Sie werden sehr schnell feststellen müssen, dass ARROW überraschend subtile und elegante Formen einnehmen kann und dem Interieur eine ganz neue Atmosphäre verleiht.









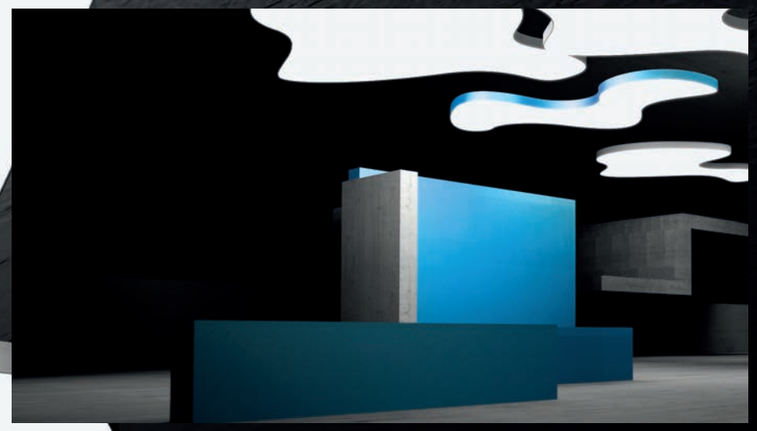
THE WEDGE CONCEPT

Nehmen Sie ein kreisförmiges Objekt, zum Beispiel eine Pizza oder einen beliebten Kuchen und zerlegen Sie es in acht gleiche Teile. Und jetzt fangen Sie an die Teile nach Lust und Laune zurückzusetzen. Die Dekonstruktion einer Kreisform, die uns bei der Gestaltung der modular Leuchte WEDGE inspiriert hat, bringt genau diese Art von Vielfältigkeit mit sich.









THE SNAKE CONCEPT

Die SNAKE-Leuchte verfügt über die Anziehungskraft einer Schlangenfrau. Sie kann sich wellenförmig in jede beliebige Richtung verlaufen oder zu amorphen Lebensformen ähnlichen Objekte gestaltet werden. Wenn es auf ihre Flexibilität in Formgestaltung, Breite oder Länge kommt, ist es beinahe unmöglich an irgendwelche Grenzen zu stoßen.

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Products

DTL Products

T

TRIMLESS

Multiline C-T 56

R

RECESSED

Multiline C-R 58

Multiline CC-R 86

Multiline Q-R 112

Multiline QC-R 132

Multiline T-R 154

Multiline TC-R 168

Multiline CCG-R 98



Multiline QCG-R 140



Multiline TCG-R 178



Multiline L-R 210

H

SEMIRECESSED

Multiline C-H 60

Multiline CC-H 88



Multiline QC-H 133

Multiline TC-H 170



C

CEILING

Multiline C-C 62



Multiline CC-C 90



Multiline Q-C 114



Multiline QC-C 134



Multiline T-C 156

Multiline TC-C 172



Multiline EC-C 196



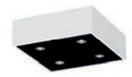
Multiline L-C 212

Multiline D-C 228

Multiline B-C 232



Multiline DG-C 242



Multiline BG-C 244



Point-C 266



Valo-C 274



Multiline S-C 256



Multiline K-C 260



DTL Products

S

SUSPENDED

W

WALL

F

FLOOR

Multiline C-S 66



Multiline T-S 158

Multiline L-S 214



Multiline CCG-S 100



Point-S 268



Multiline CC-S 92



Multiline TC-S 174



Multiline D-S 228

Multiline QCG-S 142



Valo-S 274



Multiline Q-S 118



Multiline E-S 192



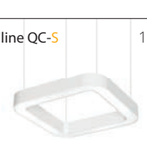
Multiline B-S 232



Multiline TCG-S 180



Multiline QC-S 136



Multiline EC-S 198



Multiline S-S 258



Multiline DG-S 243



Multiline K-S 261



Multiline BG-S 245



Multiline C-F DI 72



Multiline B-F DI 236



Multiline L-F DI 218



Starke Familie

In unseren diesjährigen Katalog haben wir Leuchten aufgenommen, die in ihrer Zusammensetzung über den Standard einer zufälligen Gruppierung hinausgehen. Es handelt sich um sorgfältig zusammengesetzte Baureihen, die sich nach den Regeln einer starken Familie, in der jedes Familienmitglied seinen festen Platz und eine eindeutige Bestimmung hat, richten.
Alle Elemente haben bei einer gemeinsamen Basis dennoch ihren jeweils ganz eigenen Charakter und demonstrieren in diversen Anwendungen die Stärke der eigenen Produktfamilie.

Family Multiline

page 38

MULTILINE

Family

Designerleuchten für Räume mit Phantasie

Solitär oder als einfallsreiche Komposition von Formen, Größen und Farben. Das Design der MULTILINE Formleuchten richtet sich auf den ersten Blick nach den Grundregeln der Geometrie, die gleich darauf wieder gewagt verletzt werden, um etwas Neues, Imposantes und zugleich Funktionelles entstehen zu lassen. Es sind Leuchten für Menschen und Räume, die sich nach ihrem inneren ästhetischen Kompass richten und gerne Phantasie walten lassen.

Multiline Profiles

1 Leicht, robust, langlebig. Aluminium ist ein Werkstoff, der uns alle überlebt. Und deshalb setzen wir es bei der Fertigung aller unserer Profile ein.

2 Die Profilhöhe legt fest, wie weit die Leuchte in ihren Raum ragt. Das Profil kann vollkommen unsichtbar sein, oder sich als sichtbarer Akzent hervorheben.

20

PROFILE 20

45

PROFILE 45

55

PROFILE 55

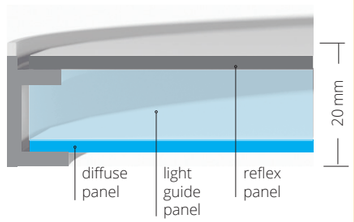
80

PROFILE 80

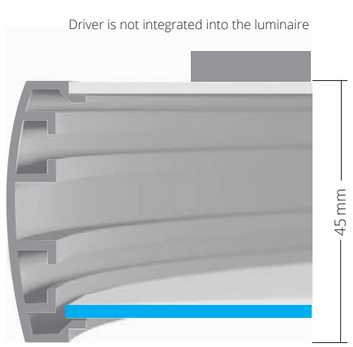
111

PROFILE 111

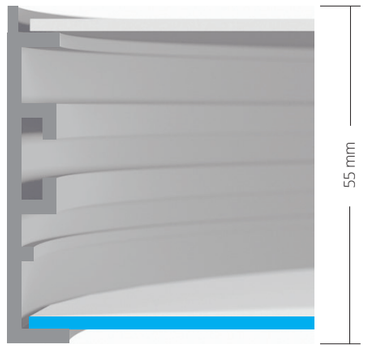
Upcoming



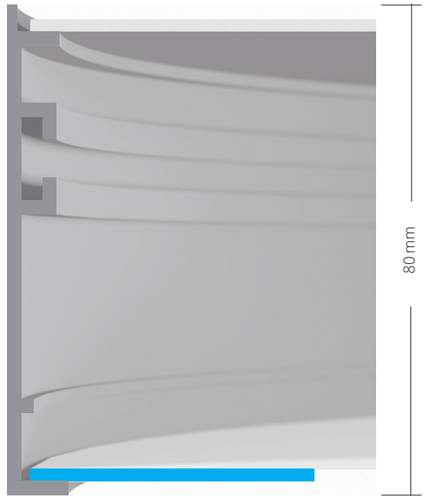
















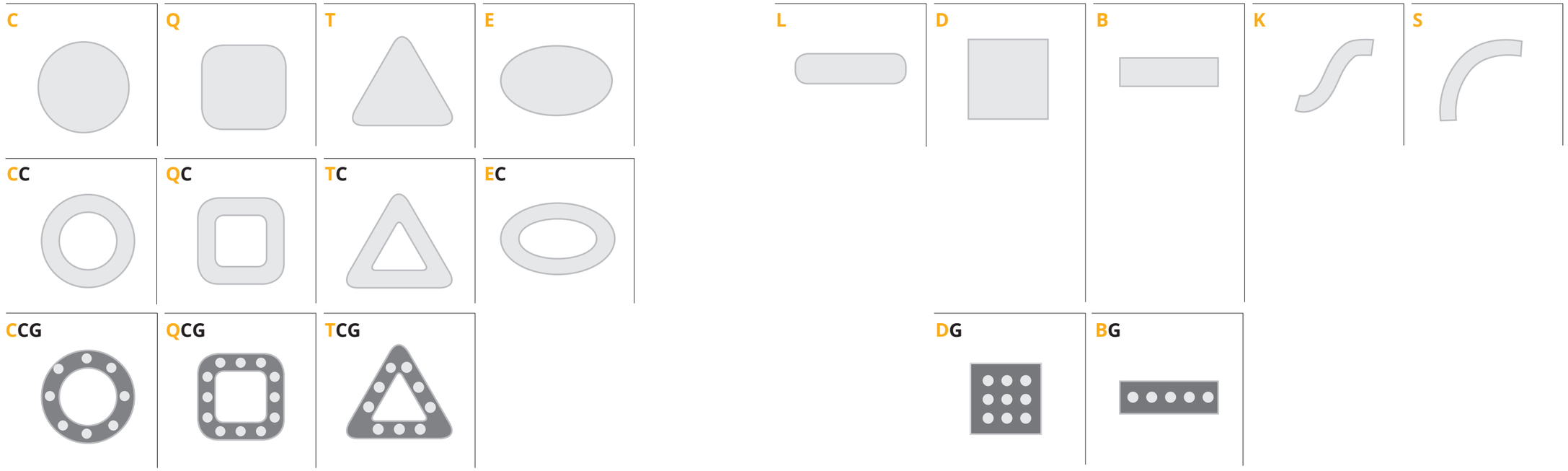


Multiline Key

1 Machen Sie sich mit den Abkürzungen vertraut, die wir für die Bezeichnungen der einzelnen Formen verwenden.

C Q T E L D B K S

Multiline



Family Multiline

	TRIMLESS T	RECESSED R		SEMIRECESSED H
Multiline C	C-T 56 111	C-R 58 111		C-H 60 111
Multiline CC		CC-R 86 111	CCG-R 98  111	CC-H 88  111
Multiline Q		Q-R 112 111		
Multiline QC		QC-R 132 111	QCG-R 140  111	QC-H 133  111
Multiline T		T-R 154 111		
Multiline TC		TC-R 168 111	TC-R 178  111	TC-H 170  111
Multiline E				
Multiline EC				
Multiline L		L-R 210 111		
Multiline D				
Multiline B				
Multiline S				
Multiline K				

	CEILING C	CEILING DI C DI	SUSPENDED S	SUSPENDED DI S DI	FLOOR DI F DI
Multiline C	C-C 62 55 80 111	C-C DI 196 55 80 111	C-S 66  45 55 80 111	C-S DI 66  45 55 80 111	C-F DI 206  55
Multiline CC	CC-C 90  55 80 111		CC-S 92  55 80 111	CCG-S 100  111	CC-S DI 94  80 111
Multiline Q	Q-C 114  55 80 111	Q-C DI 248  80 111	Q-S 118  55 80 111		Q-S DI 118  80 111
Multiline QC	QC-C 134  55 80 111		QC-S 136 55 80 111	QCG-S 142  111	QC-S DI 136 80 111
Multiline T	T-C 156  55 80 111		T-S 158  55 80 111		T-S DI 158  80 111
Multiline TC	TC-C 172  55 80 111		TC-S 174  55 80 111	TCG-S 180  111	TC-S DI 174  80 111
Multiline E	E-C 190  80 111		E-S 192  80 111	E-S DI 192  80 111	
Multiline EC	EC-C 196  80 111		EC-S 198  80 111	EC-S DI 198  80 111	
Multiline L	L-C 212  55 80 111		L-S 214  45 55 80 111	L-S DI 214  45	L-F DI 218  55
Multiline D	D-C 228  55 80 111	DG-C 242  111	D-S 228  45 55 80 111	DG-S 243  111	45
Multiline B	B-C 232  80 111	BG-C 244  111	B-S 232  45 55 80 111	BG-S 245  111	B-S DI 232  45 55	B-F DI 236  55
Multiline S	S-C 256  80 111		S-S 258  80 111		
Multiline K	K-C 260  111		K-S 261  111		

Multiline 45

45

	SUSPENDED S	SUSPENDED DI S DI
Multiline C	Multiline 45 C-S 66	Multiline 45 C-S DI 66
Multiline L	Multiline 45 L-S 214	Multiline 45 L-S DI 214
Multiline D	Multiline 45 D-S 228	
Multiline B	Multiline 45 B-S 232	Multiline 45 B-S DI 232

Multiline 55

55

	CEILING C	CEILING DI C DI	SUSPENDED S	SUSPENDED DI S DI	FLOOR DI F DI
Multiline C	Multiline 55 C-C 62	Multiline 55 C-C DI 62	Multiline 55 C-S 66	Multiline 55 C-S DI 66	Multiline 55 C-F DI 72
Multiline CC	Multiline 55 CC-C 90		Multiline 55 CC-S 92		
Multiline Q	Multiline 55 Q-C 114		Multiline 55 Q-S 118		
Multiline QC	Multiline 55 QC-C 134		Multiline 55 QC-S 136		
Multiline T	Multiline 55 T-C 156		Multiline 55 T-S 158		
Multiline TC	Multiline 55 TC-C 172		Multiline 55 TC-S 174		
Multiline L	Multiline 55 L-C 212		Multiline 55 L-S 214		Multiline 55 L-F DI 218
Multiline D	Multiline 55 D-C 228		Multiline 55 D-S 228		
Multiline B			Multiline 55 B-S 232	Multiline 55 B-S DI 232	Multiline 55 B-F DI 236

Multiline 80



	CEILING C	CEILING DI C DI	SUSPENDED S	SUSPENDED DI S DI
Multiline C	Multiline 80 C-C 63	Multiline 80 C-C DI 63	Multiline 80 C-S 66	Multiline80 C-S DI 66
Multiline CC	Multiline 80 CC-S 92		Multiline 80 CC-S 92	Multiline 80 CC-S DI 92
Multiline Q	Multiline 80 Q-C 114	Multiline 80 Q-C DI 114	Multiline 80 Q-S 118	Multiline 80 Q-S DI 118
Multiline QC	Multiline 80 QC-C 134		Multiline 80 QC-S 136	Multiline 80 QC-S DI 136
Multiline T	Multiline 80 T-C 156		Multiline 80 T-S 158	Multiline 80 T-S DI 158
Multiline TC	Multiline 80 TC-C 172		Multiline 80 TC-S 174	Multiline 80 TC-S DI 174
Multiline E	Multiline 80 E-C 190		Multiline 80 E-S 192	Multiline 80 E-S DI 192
Multiline EC	Multiline 80 EC-C 196		Multiline 80 EC-S 198	Multiline 80 EC-S DI 198
Multiline L	Multiline 80 L-C 212		Multiline 80 L-S 214	
Multiline D	Multiline 80 D-C 228		Multiline 80 D-S 228	
Multiline B	Multiline 80 B-C 232		Multiline 80 B-S 232	
Multiline S	Multiline 80 S-C 256		Multiline 80 S-S 258	

Multiline 111

111

	TRIMLESS T	RECESSED R	SEMIRECESSED H	CEILING C	CEILING DI C DI	SUSPENDED S	SUSPENDED DI S DI
Multiline C	Multiline 111 C-T 56	Multiline 111 C-R 58	Multiline 111 C-H 60	Multiline 111 C-C 62	Multiline 111 C-C DI 62	Multiline 111 C-S 66	Multiline 111 C-S DI 66
Multiline CC		Multiline 111 CC-R 86 Multiline 111 CCG-R 98	Multiline 111 CC-H 88	Multiline 111 CC-C 90		Multiline 111 CC-S 92 Multiline 111 CCG-S 100	Multiline 111 CC-S DI 92
Multiline Q		Multiline 111 Q-R 112		Multiline 111 Q-C 114	Multiline 111 Q-C DI 114	Multiline 111 Q-S 118	Multiline 111 Q- S DI 118
Multiline QC		Multiline 111 QC-R 132 Multiline 111 QCG-R 140	Multiline 111 QC-H 133	Multiline 111 QC-C 134		Multiline 111 QC-S 136 Multiline 111 QCG-S 142	Multiline 111 QC-S DI 136
Multiline T		Multiline 111 T-R 154		Multiline 111 T-C 156		Multiline 111 T-S 158	Multiline 111 T-S DI 158
Multiline TC		Multiline 111 TC-R 168 Multiline 111 TCG-R 178	Multiline 111 TC-H 170	Multiline 111 TC-C 172		Multiline 111 TC-S 174 Multiline 111 TCG-S 180	Multiline 111 TC-S DI 174
Multiline E				Multiline 111 E-C 190		Multiline 111 E-S 192	Multiline 111 E-S DI 192
Multiline EC				Multiline 111 EC-C 196		Multiline 111 EC-S 198	Multiline 111 EC-S DI 198
Multiline L	L-R 210			Multiline 111 L-C 212		Multiline 111 L-S 214	
Multiline D				Multiline 111 D-C 228 Multiline 111 DG-C 243		Multiline 111 D-S 228 Multiline 111 DG-S 243	
Multiline B				Multiline 111 B-C 232 Multiline 111 BG-C 245		Multiline 111 B-S 232 Multiline 111 BG-S 245	
Multiline S				Multiline 111 S-C 256		Multiline 111 S-S 258	
Multiline K				Multiline 111 K-C 260		Multiline 111 K-S 261	

Multiline

C

Multiline C

1 Eine Gruppe von Einbau-, Anbau- und abgehängten Leuchten für die direkte und direkt-indirekte Beleuchtung von Innenräumen mit variablen Abmessungen

2 Dank der modernen Steuersysteme finden MULTILINE-C-Leuchten uneingeschränkte Anwendung in allen Arten von kommerziellen Innenräumen und Aufenthaltsbereichen



TRIMLESS | FLOOR | RECESSED | SEMIRECESSED | CEILING | CEILING DI | SUSPENDED | SUSPENDED DI

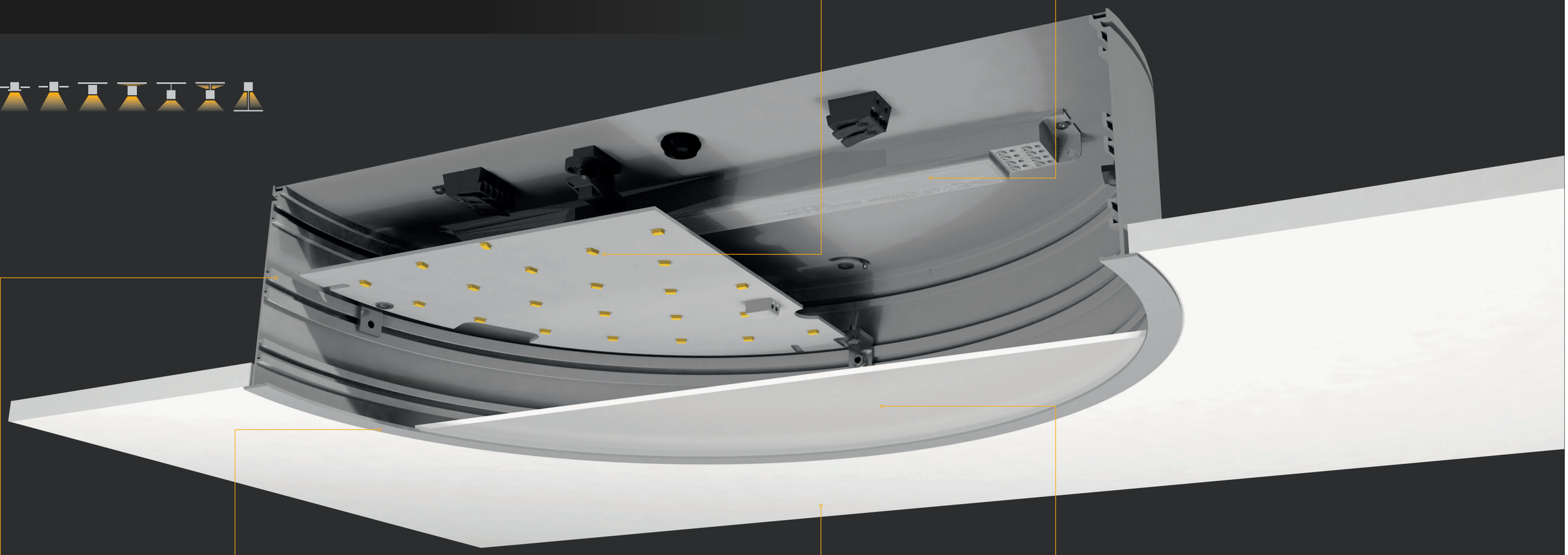
	MULTILINE C-T	**MULTILINE** C-F	**MULTILINE** C-R	**MULTILINE** C-H	**MULTILINE** C-C	**MULTILINE** C-C DI	**MULTILINE** C-S	**MULTILINE** C-S DI
PROFILE	111	55	111	111	55 / 80 / 111	55 / 80 /111	45 / 55 / 80 / 111	55 / 80 / 111
DIFFUSER	Satine Microprism	Satine Microprism	Satine Microprism	Satine Microprism	Satine Microprism	Satine Microprism	Satine Microprism	Satine Microprism
LUMINOUS EFFICIENCY	99 - 140 lm/W	99 - 140 lm/W	99 - 140 lm/W	99 - 140 lm/W	99 - 140 lm/W	99 - 140 lm/W	99 - 140 lm/W	99 - 140 lm/W
CCT	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K
CRI	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80
CONTROL	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW
COLOUR FINISH	RAL 9003, RAL 9010, TIGER SILVER BRILANT, RAL 9006, RAL 7005, RAL 7016, RAL 9005, RAL 7006, RAL 8017, RAL 8019, RAL 1035				RAL 2013, RAL 3001, RAL 3004, RAL 1018, RAL 6021, RAL 6018, RAL 6001, RAL 6028, RAL 6003, RAL 6005, RAL 6022, RAL 6034, RAL 5010			

MULTILINE C ist eine Leuchtengruppe mit umfangreichen Möglichkeiten bei den Standardausführungen, die sich quasi endlos um jegliche Varianten – ganz nach den Vorstellungen des Designers oder des Kunden – erweitern lassen

Die Leuchten sind mit LED-Leuchtmitteln mit einer Farbtemperatur von 3.000 K und 4.000 K, einem Farbwiedergabeindex von Ra>80 und der Farbtoleranz MacAdam3 bestückt

Die Lichtstromsteuerung erfolgt mit Hilfe eines DALI-, DSI-, PWM-, DMX-, TW-Systems unter Nutzung von optischen, infraroten und Funkfrequenzgeräten

Das ausgeklügelte Wärmemanagement trägt zum hohen Wirkungsgrad des LED-Leuchtmittels bei und sorgt für dessen Kühlung



Ein Versteifungselement verlängert die Lebensdauer der Leuchten um ein Vielfaches und sorgt für die Festigkeit aller



MULTILINE C gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage

Anbau- und Einbau-Varianten lassen sich an/in Gipskarton, Holz oder verschiedenen Verbundstoffplatten anbringen

MICROPRISM Der klare MICROPRISM-Diffusor hat eine mikropyramidale Struktur, die Blendung verhindert

SATINE Der undurchsichtige SATINE-Diffusor erzeugt weiches, diffuses, homogenes Licht, das den Raum optisch vergrößert und diesem somit ein ästhetisches Erscheinungsbild verleiht

Multiline C-T



Randlose Einbauleuchte mit direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- oder MICROPRISM-Diffusor ausgestattet

C-T

LED | IP20 | dimm | TW | 230 V 50 Hz | F





Code ordering example 1 3 1. 0 1 | 0 3. | 0 1 | 3 0. | 0 2 | 0 1 (Multiline 111 C-T | 350 | 20 W | 2256 lm | 3000 K Ra80 | Satine | ADJUST)

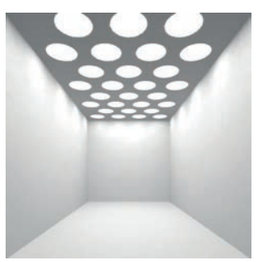
MULTILINE 111 C-T (trimless)

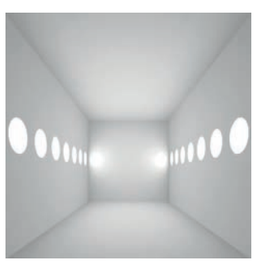
	Product code	Module code	Dimension	Dimension Cut-out	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 C-T	131.01	03 350	Ø 362 mm	Ø 368 mm	01 20 W	2256 lm 2400 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
			Ø 362 mm	Ø 368 mm	02 25 W	3343 lm 3557 lm			
		05 450	Ø 462 mm	Ø 468 mm	02 25 W	3760 lm 4000 lm			
			Ø 462 mm	Ø 468 mm	03 35 W	4501 lm 4788 lm			
		08 600	Ø 612 mm	Ø 618 mm	03 35 W	4600 lm 4894 lm			
			Ø 612 mm	Ø 618 mm	07 70 W	8480 lm 9022 lm			
		14 900	Ø 912 mm	Ø 918 mm	07 70 W	9023 lm 9599 lm			
			Ø 912 mm	Ø 918 mm	08 105 W	13372 lm 14226 lm			
		20 1200	Ø 1212 mm	Ø 1218 mm	08 105 W	13534 lm 14398 lm			
			Ø 1212 mm	Ø 1218 mm	09 140 W	16961 lm 18044 lm			
		03 350	Ø 362 mm	Ø 368 mm	01 20 W	2172 lm 2311 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
			Ø 362 mm	Ø 368 mm	02 25 W	3219 lm 3425 lm			
		05 450	Ø 462 mm	Ø 468 mm	02 25 W	3621 lm 3852 lm			
			Ø 462 mm	Ø 468 mm	03 35 W	4334 lm 4611 lm			
		08 600	Ø 612 mm	Ø 618 mm	03 35 W	4430 lm 4713 lm			
			Ø 612 mm	Ø 618 mm	07 70 W	8166 lm 8688 lm			
		14 900	Ø 912 mm	Ø 918 mm	07 70 W	8688 lm 9243 lm			
			Ø 912 mm	Ø 918 mm	08 105 W	12877 lm 13699 lm			
		20 1200	Ø 1212 mm	Ø 1218 mm	08 105 W	13033 lm 13865 lm			
			Ø 1212 mm	Ø 1218 mm	09 140 W	16333 lm 17375 lm			

[1] not for 900 70 W, 1200 105 W

Inspiration







For a more detailed technical specification and the full list of all variations please see page 212.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Multiline C-R

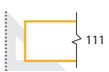


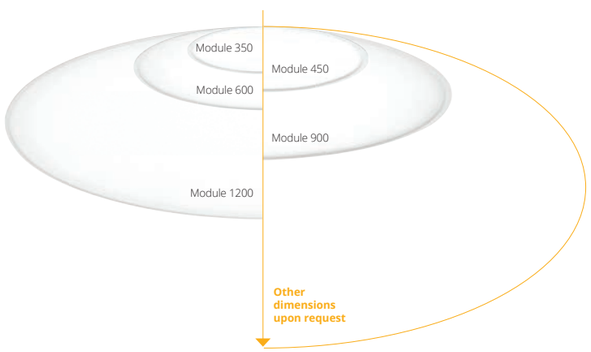
Einbauleuchte mit Rand und direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- oder MICROPRISM-Diffusor ausgestattet

C-R



LED | IP20 | dimm | TW | 230 V 50 Hz | F







Code ordering example 1 3 0. 0 1 | 0 3. | 0 1 | 3 0. | 0 2 | 0 1 (Multiline 111 C-R | 350 | 20 W | 2256 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 C-R (recessed)

	Product code	Module code	Dimension	Dimension Cut-out	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 C-R	130.01	03 350	Ø 366 mm	Ø 368 mm	01 20 W	2256 lm 2400 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
			Ø 366 mm	Ø 368 mm	02 25 W	3343 lm 3557 lm			
		05 450	Ø 466 mm	Ø 468 mm	02 25 W	3760 lm 4000 lm			
			Ø 466 mm	Ø 468 mm	03 35 W	4501 lm 4788 lm			
		08 600	Ø 616 mm	Ø 618 mm	03 35 W	4600 lm 4894 lm			
			Ø 616 mm	Ø 618 mm	07 70 W	8480 lm 9022 lm			
		14 900	Ø 916 mm	Ø 918 mm	07 70 W	9023 lm 9599 lm			
			Ø 916 mm	Ø 918 mm	08 105 W	13372 lm 14226 lm			
		20 1200	Ø 1216 mm	Ø 1218 mm	08 105 W	13534 lm 14398 lm			
			Ø 1216 mm	Ø 1218 mm	09 140 W	16961 lm 18044 lm			
		03 350	Ø 366 mm	Ø 368 mm	01 20 W	2172 lm 2311 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
			Ø 366 mm	Ø 368 mm	02 25 W	3219 lm 3425 lm			
		05 450	Ø 466 mm	Ø 468 mm	02 25 W	3621 lm 3852 lm			
			Ø 466 mm	Ø 468 mm	03 35 W	4334 lm 4611 lm			
		08 600	Ø 616 mm	Ø 618 mm	03 35 W	4430 lm 4713 lm			
			Ø 616 mm	Ø 618 mm	07 70 W	8166 lm 8688 lm			
		14 900	Ø 916 mm	Ø 918 mm	07 70 W	8688 lm 9243 lm			
			Ø 916 mm	Ø 918 mm	08 105 W	12877 lm 13699 lm			
		20 1200	Ø 1216 mm	Ø 1218 mm	08 105 W	13033 lm 13865 lm			
			Ø 1216 mm	Ø 1218 mm	09 140 W	16333 lm 17375 lm			

[1] not for 900 70 W, 1200 105 W

Inspiration







For a more detailed technical specification and the full list of all variations please see page 212.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Multiline C-H



Halbeinbauleuchte mit direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- oder MICROPRISM-Diffusor ausgestattet



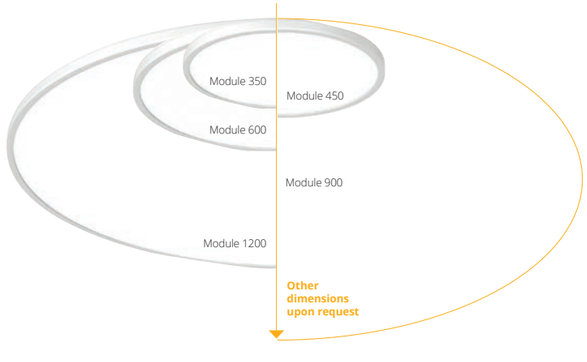
C-H



LED | IP20 | dimm | TW | 230 V 50 Hz | F



111



111

Code ordering example 1 3 2. 0 1 | 0 3. | 0 1 | 3 0. | 0 2 | 0 1 (Multiline 111 C-H | 350 | 20 W | 2256 lm | 3000 K Ra80 | Satine | ADJUST)

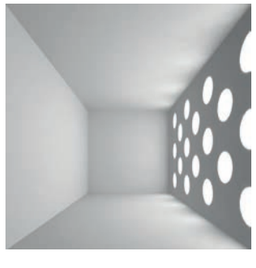
MULTILINE 111 C-H (semi-recessed)

	Product code	Module code	Dimension	Dimension Cut-out	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 C-H	132.01	03 350	Ø 366 mm	Ø 360 mm	01 20 W	2256 lm 2400 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
			Ø 366 mm	Ø 360 mm	02 25 W	3343 lm 3557 lm			
		05 450	Ø 466 mm	Ø 460 mm	02 25 W	3760 lm 4000 lm			
			Ø 466 mm	Ø 460 mm	03 35 W	4501 lm 4788 lm			
		08 600	Ø 616 mm	Ø 610 mm	03 35 W	4600 lm 4894 lm			
			Ø 616 mm	Ø 610 mm	07 70 W	8480 lm 9022 lm			
		14 900	Ø 916 mm	Ø 910 mm	07 70 W	9023 lm 9599 lm			
			Ø 916 mm	Ø 910 mm	08 105 W	13372 lm 14226 lm			
		20 1200	Ø 1216 mm	Ø 1210 mm	08 105 W	13534 lm 14398 lm			
			Ø 1216 mm	Ø 1210 mm	09 140 W	16961 lm 18044 lm			
		03 350	Ø 366 mm	Ø 360 mm	01 20 W	2172 lm 2311 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
			Ø 366 mm	Ø 360 mm	02 25 W	3219 lm 3425 lm			
		05 450	Ø 466 mm	Ø 460 mm	02 25 W	3621 lm 3852 lm			
			Ø 466 mm	Ø 460 mm	03 35 W	4334 lm 4611 lm			
		08 600	Ø 616 mm	Ø 610 mm	03 35 W	4430 lm 4713 lm			
			Ø 616 mm	Ø 610 mm	07 70 W	8166 lm 8688 lm			
		14 900	Ø 916 mm	Ø 910 mm	07 70 W	8688 lm 9243 lm			
			Ø 916 mm	Ø 910 mm	08 105 W	12877 lm 13699 lm			
		20 1200	Ø 1216 mm	Ø 1210 mm	08 105 W	13033 lm 13865 lm			
			Ø 1216 mm	Ø 1210 mm	09 140 W	16333 lm 17375 lm			

[1] not for 900 70 W, 1200 105 W

Inspiration





For a more detailed technical specification and the full list of all variations please see page 212.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Multiline C-C / C-C DI



Anbauleuchte mit direkter und direkt-indirekter Lichtabgabe; bei der direkt-indirekter Beleuchtung entsteht rund um die Leuchte ein Haloeffekt

C-C

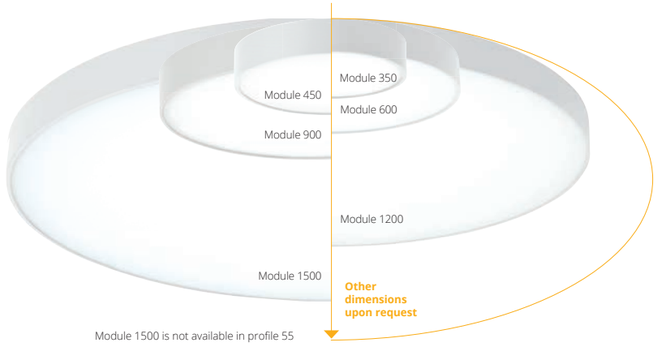


C-C DI



LED | IP20 | dimm | TW | 230 V 50 Hz | F





Module 1500 is not available in profile 55



MULTILINE-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage



Code ordering example 1 3 5. 0 1 | 0 5. | 0 2 | 3 0. | 0 2 | 0 1 (Multiline 55 C-C | 450 | 25 W | 3728 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 55 C-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 55 C-C	135.01	03 350	Ø 356 mm	01 20 W	2256 lm 2400 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
				02 25 W	3343 lm 3557 lm			
		05 450	Ø 456 mm	02 25 W	3728 lm 3966 lm			
				03 35 W	4324 lm 4600 lm			
		08 600	Ø 606 mm	03 35 W	4480 lm 4766 lm			
				07 70 W	8649 lm 9201 lm			
		14 900	Ø 906 mm	07 70 W	8946 lm 9518 lm			
				08 105 W	12161 lm 12937 lm			
		20 1200	Ø 1206 mm	08 105 W	13420 lm 14277 lm			
				09 140 W	17298 lm 18402 lm			
		03 350	Ø 356 mm	01 20 W	2172 lm 2311 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				02 25 W	3219 lm 3425 lm			
		05 450	Ø 456 mm	02 25 W	3590 lm 3819 lm			
				03 35 W	4164 lm 4430 lm			
		08 600	Ø 606 mm	03 35 W	4314 lm 4590 lm			
				07 70 W	8328 lm 8860 lm			
		14 900	Ø 906 mm	07 70 W	8615 lm 9165 lm			
				08 105 W	11711 lm 12458 lm			
		20 1200	Ø 1206 mm	08 105 W	12923 lm 13748 lm			
				09 140 W	16658 lm 17721 lm			

[1] not for 350

Code ordering example 1 3 7. 0 1 | 0 4. | 0 2 | 3 0. | 0 2 | 0 1 (Multiline 55 C-C DI | 450 | 25 W | 3728 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 55 C-C DI (ceiling direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 55 C-C DI	137.01	08 600	Ø 606 mm	03 35 W	4480 lm 4766 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
				07 70 W	8649 lm 9201 lm			
		14 900	Ø 906 mm	07 70 W	8946 lm 9518 lm			
				08 105 W	12161 lm 12937 lm			
		20 1200	Ø 1206 mm	08 105 W	13420 lm 14277 lm			
				09 140 W	17298 lm 18402 lm			
		08 600	Ø 606 mm	03 35 W	4314 lm 4590 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				07 70 W	8328 lm 8688 lm			
		14 900	Ø 906 mm	07 70 W	8651 lm 9165 lm			
				08 105 W	11711 lm 12458 lm			
		20 1200	Ø 1206 mm	08 105 W	12932 lm 13748 lm			
				09 140 W	16658 lm 17721 lm			

For a more detailed technical specification and the full list of all variations please see page 208.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.



Code ordering example 1 0 3. 0 1 | 0 3. | 0 1 | 3 0. | 0 2 | 0 1 (Multiline 80 C-C | 350 | 20 W | 2256 lm | 3000 K Ra80 | Satine | ADJUST)
1 1 5. 0 1 | 0 3. | 0 1 | 4 0. | 0 3 | 0 1 (Multiline 80 C-C DI | 350 | 20 W | 2256 lm | 4000 K Ra80 | Microprism | ADJUST)



MULTILINE 80 C-C (ceiling direct)
MULTILINE 80 C-C DI (ceiling direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 C-C	103.01	03 350	Ø 356 mm	01 20 W	2256 lm	30 3000 K | Ra 80	02 Satine	00 FIX
Multiline 80 C-C DI	115.01				2400 lm	40 4000 K | Ra 80		01 ADJUST
			Ø 356 mm	02 25 W	3343 lm			25 DALI
					3557 lm			35 1-10V [1,2]
		05 450	Ø 456 mm	02 25 W	3760 lm			32 DALI TW [1,]
					4000 lm			44 SWITCH TW [1]
			Ø 456 mm	03 35 W	4501 lm			
					4788 lm			
		08 600	Ø 606 mm	03 35 W	4600 lm			
					4894 lm			
			Ø 606 mm	07 70 W	8480 lm			
					9022 lm			
		14 900	Ø 906 mm	07 70 W	9023 lm			
					9599 lm			
			Ø 906 mm	08 105 W	13372 lm			
					14226 lm			
		20 1200	Ø 1206 mm	08 105 W	13534 lm			
					14398 lm			
			Ø 1206 mm	09 140 W	16961 lm			
					18044 lm			
		26 1500	Ø 1506 mm	09 140 W	14258 lm			
					15168 lm			
			Ø 1506 mm	11 210 W	21162 lm			
					22513 lm			
		03 350	Ø 356 mm	01 20 W	2172 lm	30 3000 K | Ra 80	03 Microprism	
					2311 lm	40 4000 K | Ra 80		
			Ø 356 mm	02 25 W	3219 lm			
					3425 lm			
		05 450	Ø 456 mm	02 25 W	3621 lm			
					3852 lm			
			Ø 456 mm	03 35 W	4334 lm			
					4611 lm			
		08 600	Ø 606 mm	03 35 W	4430 lm			
					4713 lm			
			Ø 606 mm	07 70 W	8166 lm			
					8688 lm			
		14 900	Ø 906 mm	07 70 W	8688 lm			
					9243 lm			
			Ø 906 mm	08 105 W	12877 lm			
					13699 lm			
		20 1200	Ø 1206 mm	08 105 W	13033 lm			
					13865 lm			
			Ø 1206 mm	09 140 W	16333 lm			
					17375 lm			
		26 1500	Ø 1506 mm	09 140 W	17377 lm			
					18486 lm			
			Ø 1506 mm	11 210 W	25791 lm			
					27437 lm			

[1] not for 900 70 W, 1200 105 W, 1500 140 W, 1800 210 W | [2] not for 900 70 W, 1200 105 W, 1500 140 W

For a more detailed technical specification and the full list of all variations please see page 210.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.



Code ordering example 1 0 1. 0 1 | 0 3. | 0 1 | 3 0. | 0 2 | 0 1 (Multiline 111 C-C | 350 | 20 W | 2256 lm | 3000 K Ra80 | Satine | ADJUST)
1 1 3. 0 1 | 0 3. | 0 1 | 3 0. | 0 3 | 2 5 (Multiline 111 C-C DI | 350 | 20 W | 2256 lm | 3000 K Ra80 | Microprism | DALIT)



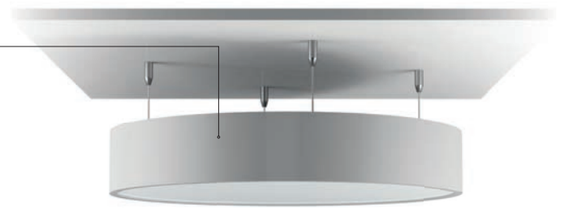
MULTILINE 111 C-C (ceiling direct)
MULTILINE 111 C-C DI (ceiling direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 C-C	101.01	03 350	Ø 356 mm	01 20 W	2256 lm	30 3000 K | Ra 80	02 Satine	00 FIX
Multiline 111 C-C DI	113.01				2400 lm	40 4000 K | Ra 80		01 ADJUST
			Ø 356 mm	02 25 W	3343 lm			25 DALI
					3557 lm			35 1-10V
		05 450	Ø 456 mm	02 25 W	3760 lm			32 DALI TW [1]
					4000 lm			44 SWITCH TW [1]
			Ø 456 mm	03 35 W	4501 lm			
					4788 lm			
		08 600	Ø 606mm	03 35 W	4600 lm			
					4894 lm			
			Ø 606 mm	07 70 W	8480 lm			
					9022 lm			
		14 900	Ø 906 mm	07 70 W	9023 lm			
					9599 lm			
			Ø 906 mm	08 105 W	13372 lm			
					14226 lm			
		20 1200	Ø 1206 mm	08 105 W	13534 lm			
					14398 lm			
			Ø 1206 mm	09 140 W	16961 lm			
					18044 lm			
		26 1500	Ø 1506 mm	09 140 W	14258 lm			
					15168 lm			
			Ø 1506 mm	11 210 W	21162 lm			
					22513 lm			
		32 1800	Ø 1756 mm	11 210 W	21387 lm			
					22753 lm			
			Ø 1756 mm	12 280 W	26802 lm			
					28513 lm			
		03 350	Ø 356 mm	01 20 W	2172 lm	30 3000 K | Ra 80	03 Microprism	
					2311 lm	40 4000 K | Ra 80		
			Ø 356 mm	02 25 W	3219 lm			
					3425 lm			
		05 450	Ø 456 mm	02 25 W	3621 lm			
					3852 lm			
			Ø 456 mm	03 35 W	4334 lm			
					4611 lm			
		08 600	Ø 606mm	03 35 W	4430 lm			
					4713 lm			
			Ø 606 mm	07 70 W	8166 lm			
					8688 lm			
		14 900	Ø 906 mm	07 70 W	8688 lm			
					9243 lm			
			Ø 906 mm	08 105 W	12877 lm			
					13699 lm			
		20 1200	Ø 1206 mm	08 105 W	13033 lm			
					13865 lm			
			Ø 1206 mm	09 140 W	16333 lm			
					17375 lm			
		26 1500	Ø 1506 mm	09 140 W	17377 lm			
					18486 lm			
			Ø 1506 mm	11 210 W	25791 lm			
					27437 lm			
		32 1800	Ø 1756 mm	11 210 W	26066 lm			
					27730 lm			
			Ø 1756 mm	12 280 W	32666 lm			
					34751 lm			

[1] not for 900 70 W, 1200 105 W, 1500 140 W, 1800 210 W.

For a more detailed technical specification and the full list of all variations please see page 212.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Multiline C-S / C-S DI



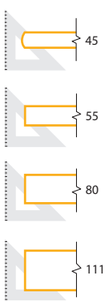
Hängeleuchte mit direkter und direkt-indirekter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- oder MICROPRISM-Diffusor ausgestattet

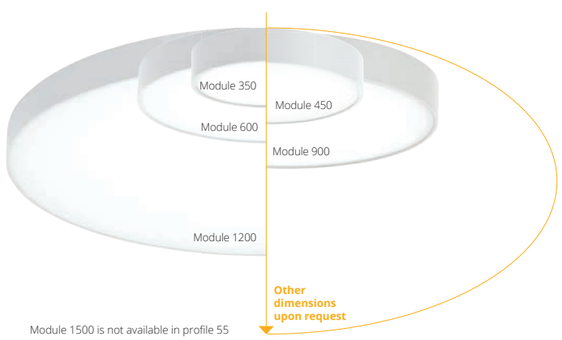
C-S



C-S DI

LED | IP40 | dimm | TW | 230 V 50 Hz | F





Module 1500 is not available in profile 55



Aufhängungssystem I.
Abdeckung mit Kabel
Halterung für die Seilaufhängung
Seilaufhängungen
Standardlänge 1,5 m
Aufhängungssystem II.
Dreifache Aufhängung







45

Code ordering example 1 0 4. 0 1 | 0 5. | 0 2 | 3 0. | 0 2 | 0 1 (Multiline 45 C-S | 450 | 25 W | 3728 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 45 C-S (suspended direct)
MULTILINE 45 C-S DI (suspended direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 45 C-S	104.01	03 350	Ø 356 mm	01 20 W	2237 lm 2380 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
		05 450	Ø 456 mm	02 25 W	3728 lm 3966 lm			
		08 600	Ø 606 mm	03 35 W	4480 lm 4766 lm			
		03 350	Ø 356 mm	01 20 W	2154 lm 2292 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
		05 450	Ø 456 mm	02 25 W	3590 lm 3819 lm			
		08 600	Ø 606 mm	03 35 W	4314 lm 4590 lm			
Multiline 45 C-S DI	116.01	08 600	Ø 606 mm	30 35+20 W	6561 lm 6980 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	
		08 600	Ø 606 mm	30 35+20 W	6318 lm 6721 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	

[1] not for 350 20 W
Driver is not integrated into the luminaire

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Code ordering example 1 3 4. 0 1 | 0 5. | 0 2 | 3 0. | 0 2 | 0 1 (Multiline 55 C-S | 450 | 25 W | 3728 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 55 C-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 55 C-S	134.01	03 350	Ø 356 mm	01 20 W	2256 lm 2400 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
				02 25 W	3343 lm 3557 lm			
		05 450	Ø 456 mm	02 25 W	3728 lm 3966 lm			
				03 35 W	4324 lm 4600 lm			
		08 600	Ø 606 mm	03 35 W	4480 lm 4766 lm			
				07 70 W	8649 lm 9201 lm			
		14 900	Ø 906 mm	07 70 W	8946 lm 9518 lm			
				08 105 W	12161 lm 12937 lm			
		20 1200	Ø 1206 mm	08 105 W	13420 lm 14277 lm			
				09 140 W	17298 lm 18402 lm			
		03 350	Ø 366 mm	01 20 W	2172 lm 2311 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				02 25 W	3219 lm 3425 lm			
		05 450	Ø 456 mm	02 25 W	3590 lm 3819 lm			
				03 35 W	4164 lm 4430 lm			
		08 600	Ø 606 mm	03 35 W	4314 lm 4590 lm			
				07 70 W	8328 lm 8860 lm			
		14 900	Ø 906 mm	07 70 W	8615 lm 9165 lm			
				08 105 W	11711 lm 12458 lm			
		20 1200	Ø 1206 mm	08 105 W	12923 lm 13748 lm			
				09 140 W	16658 lm 17721 lm			

[1] not for 350

For a more detailed technical specification and the full list of all variations please see page 208.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.



Code ordering example 136.01 | 08. | 30 | 30. | 02 | 01 (Multiline 55 C-S DI | 600 | 35+20 W | 6561 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 55 C-S DI (suspended direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 55 C-S DI	136.01	08 600	Ø 606 mm	30 35+20 W	6561 lm 6980 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
				33 70+20 W	10886 lm 11581 lm			
		14 900	Ø 906 mm	33 70+20 W	11183 lm 11897 lm			
				09 105+35 W	16485 lm 17537 lm			
		20 1200	Ø 1206 mm	09 105+35 W	17744 lm 18877 lm			
				10 140+35 W	21778 lm 23168 lm			
		08 600	Ø 606 mm	30 35+20 W	6318 lm 6721 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				33 70+20 W	10483 lm 11152 lm			
		14 900	Ø 906 mm	33 70+20 W	10769 lm 11457 lm			
				09 105+35 W	15875 lm 16888 lm			
		20 1200	Ø 1206 mm	09 105+35 W	17087 lm 18178 lm			
				10 140+35 W	20972 lm 22310 lm			



Code ordering example 114.01 | 08. | 30 | 30. | 02 | 01 (Multiline 80 C-S DI | 600 | 35+20 W | 6469 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 C-S DI (suspended direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 C-S DI	114.01	08 600	Ø 606 mm	30 35+20 W	6469 lm 6882 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
			Ø 606 mm	08 70+35 W	13372 lm 14226 lm			
		14 900	Ø 906 mm	08 70+35 W	13502 lm 14364 lm			
			Ø 906 mm	09 105+35 W	18858 lm 20062 lm			
		20 1200	Ø 1206 mm	09 105+35 W	17652 lm 18779 lm			
			Ø 1206 mm	11 140+70 W	26402 lm 28087 lm			
		26 1500	Ø 1506 mm	11 140+70 W	21387 lm 22753 lm			
			Ø 1506 mm	11 210+105 W	31698 lm 33721 lm			
		08 600	Ø 606 mm	30 35+20 W	6229 lm 6627 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
			Ø 606 mm	08 70+35 W	12877 lm 13699 lm			
		14 900	Ø 906 mm	08 70+35 W	13002 lm 13832 lm			
			Ø 906 mm	09 105+35 W	18160 lm 19319 lm			
		20 1200	Ø 1206 mm	09 105+35 W	16999 lm 18084 lm			
			Ø 1206 mm	11 140+70 W	25424 lm 27047 lm			
		26 1500	Ø 1506 mm	11 140+70 W	26066 lm 27730 lm			
			Ø 1506 mm	11 210+105 W	38632 lm 41097 lm			

[1] not for 900 70+35 W, 1200 105+35 W, 1500 140+70 W



Code ordering example 102.01 | 03. | 01 | 30. | 02 | 01 (Multiline 80 C-S | 350 | 20 W | 2256 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 C-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 C-S	102.01	03 350	Ø 356 mm	01 20 W	2256 lm 2400 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V [1,2] 32 DALI TW [1,] 44 SWITCH TW [1]
			Ø 356 mm	02 25 W	3343 lm 3557 lm			
		05 450	Ø 456 mm	02 25 W	3760 lm 4000 lm			
			Ø 456 mm	03 35 W	4501 lm 4788 lm			
		08 600	Ø 606 mm	03 35 W	4600 lm 4894 lm			
			Ø 606 mm	07 70 W	8480 lm 9022 lm			
		14 900	Ø 906 mm	07 70 W	9023 lm 9599 lm			
			Ø 906 mm	08 105 W	13372 lm 14226 lm			
		20 1200	Ø 1206 mm	08 105 W	13534 lm 14398 lm			
			Ø 1206 mm	09 140 W	16961 lm 18044 lm			
		26 1500	Ø 1506 mm	09 140 W	14258 lm 15168 lm			
			Ø 1506 mm	11 210 W	21162 lm 22513 lm			
		03 350	Ø 356 mm	01 20 W	2172 lm 2311 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
			Ø 356 mm	02 25 W	3219 lm 3425 lm			
		05 450	Ø 456 mm	02 25 W	3621 lm 3852 lm			
			Ø 456 mm	03 35 W	4334 lm 4611 lm			
		08 600	Ø 606 mm	03 35 W	4430 lm 4713 lm			
			Ø 606 mm	07 70 W	8166 lm 8688 lm			
		14 900	Ø 906 mm	07 70 W	8688 lm 9243 lm			
			Ø 906 mm	08 105 W	12877 lm 13699 lm			
		20 1200	Ø 1206 mm	08 105 W	13033 lm 13865 lm			
			Ø 1206 mm	09 140 W	16333 lm 17375 lm			
		26 1500	Ø 1506 mm	09 140 W	17377 lm 18486 lm			
			Ø 1506 mm	11 210 W	25791 lm 27437 lm			

[1] not for 900 70 W, 1200 105 W, 1500 140 W, 1800 210 W | [2] not for 900 70 W, 1200 105 W, 1500 140 W

Inspiration







For a more detailed technical specification and the full list of all variations please see page 208-211.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.



Code ordering example 1 0 0. 0 1 | 0 3. | 0 1 | 3 0. | 0 2 | 0 1 (Multiline 111 C-S | 350 | 20 W | 2256 lm | 3000 K Ra80 | Satine | ADJUST)



MULTILINE 111 C-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 C-S	100.01	03 350	Ø 356 mm	01 20 W	2256 lm 2400 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V [1] 32 DALI TW [1] 44 SWITCH TW [1]
			Ø 356 mm	02 25 W	3343 lm 3557 lm			
		05 450	Ø 456 mm	02 25 W	3760 lm 4000 lm			
			Ø 456 mm	03 35 W	4501 lm 4788 lm			
		08 600	Ø 606mm	03 35 W	4600 lm 4894 lm			
			Ø 606 mm	07 70 W	8480 lm 9022 lm			
		14 900	Ø 906 mm	07 70 W	9023 lm 9599 lm			
			Ø 906 mm	08 105 W	13372 lm 14226 lm			
		20 1200	Ø 1206 mm	08 105 W	13534 lm 14398 lm			
			Ø 1206 mm	09 140 W	16961 lm 18044 lm			
		26 1500	Ø 1506 mm	09 140 W	14258 lm 15168 lm			
			Ø 1506 mm	11 210 W	21162 lm 22513 lm			
		32 1800	Ø 1756 mm	11 210 W	21387 lm 22753 lm			
			Ø 1756 mm	12 280 W	26802 lm 28513 lm			
		03 350	Ø 356 mm	01 20 W	2172 lm 2311 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
			Ø 356 mm	02 25 W	3219 lm 3425 lm			
		05 450	Ø 456 mm	02 25 W	3621 lm 3852 lm			
			Ø 456 mm	03 35 W	4334 lm 4611 lm			
		08 600	Ø 606mm	03 35 W	4430 lm 4713 lm			
			Ø 606 mm	07 70 W	8166 lm 8688 lm			
		14 900	Ø 906 mm	07 70 W	8688 lm 9243 lm			
			Ø 906 mm	08 105 W	12877 lm 13699 lm			
		20 1200	Ø 1206 mm	08 105 W	13033 lm 13865 lm			
			Ø 1206 mm	09 140 W	16333 lm 17375 lm			
		26 1500	Ø 1506 mm	09 140 W	17377 lm 18486 lm			
			Ø 1506 mm	11 210 W	25791 lm 27437 lm			
		32 1800	Ø 1756 mm	11 210 W	26066 lm 27730 lm			
			Ø 1756 mm	12 280 W	32666 lm 34751 lm			

[1] not for 900 70 W, 1200 105 W, 1500 140 W, 1800 210 W



Code ordering example 1 1 2. 0 1 | 0 3. | 3 5 | 3 0. | 0 2 | 0 1 (Multiline 111 C-S DI | 350 | 20+10 W | 3229 lm | 3000 K Ra80 | Satine | ADJUST)



MULTILINE 111 C-S DI (suspended direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 C-S DI	112.01	03 350	Ø 356 mm	35 20+10 W	3229 lm 3435 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
			Ø 356 mm	02 25+15 W	4420 lm 4702 lm			
		05 450	Ø 456 mm	02 25+15 W	4420 lm 4702 lm			
			Ø 456 mm	30 35+20 W	6469 lm 4788 lm			
		08 600	Ø 606 mm	30 35+20 W	6469 lm 6882 lm			
			Ø 606 mm	08 70+35 W	13372 lm 14226 lm			
		14 900	Ø 906 mm	08 70+35 W	13502 lm 14364 lm			
			Ø 906 mm	09 105+35 W	18858 lm 20062 lm			
		20 1200	Ø 1206 mm	09 105+35 W	17652 lm 18779 lm			
			Ø 1206 mm	11 140+70 W	26402 lm 28087 lm			
		26 1500	Ø 1506 mm	11 140+70 W	21387 lm 27753 lm			
			Ø 1506 mm	13 210+105 W	31698 lm 33721 lm			
		32 1800	Ø 1756 mm	13 210+105W	32081 lm 34129 lm			
			Ø 1756 mm	99 280+140W	41060 lm 43681 lm			
		03 350	Ø 356 mm	35 20+10 W	3110 lm 3308 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
			Ø 356 mm	02 25+15 W	4256 lm 4528 lm			
		05 450	Ø 456 mm	02 25+15 W	4256 lm 4528 lm			
			Ø 456 mm	30 35+20 W	6229 lm 6627 lm			
		08 600	Ø 606 mm	30 35+20 W	6229 lm 6627 lm			
			Ø 606 mm	08 70+35 W	12877 lm 13699 lm			
		14 900	Ø 906 mm	08 70+35 W	13002 lm 13832 lm			
			Ø 906 mm	09 105+35 W	18160 lm 19319 lm			
		20 1200	Ø 1206 mm	09 105+35 W	16999 lm 18084 lm			
			Ø 1206 mm	11 140+70 W	25424 lm 27047 lm			
		26 1500	Ø 1506 mm	11 140+70 W	26066 lm 27730 lm			
			Ø 1506 mm	13 210+105 W	38632 lm 41097 lm			
		32 1800	Ø 1756 mm	13 210+105W	39099 lm 41594 lm			
			Ø 1756 mm	99 280+140W	50042 lm 53237 lm			

[1] not for 900 70+35 W, 1200 105+35 W, 1500 140+70 W.

For a more detailed technical specification and the full list of all variations please see page 213.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Multiline C-F DI

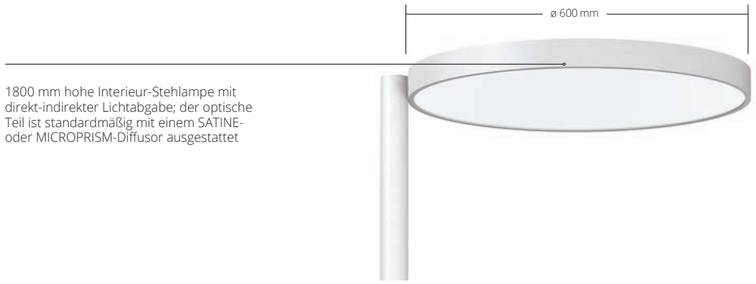


Code ordering example 1 3 8. 5 1 | 3 2. | 3 0 | 3 0. | 0 2 | 01 (Multiline 55 C-F DI | 1800 | 35+20 W | 6561 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 55 C-F DI (floor lamp direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 55 C-F DI	138.01	32 1800	1800 mm	30 35+20 W	6561 lm 6980 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
				33 70+20 W	10886 lm 11581 lm			
		32 1800	1800 mm	30 35+20 W	6318 lm 6721 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				33 70+20 W	10483 lm 11152 lm			

For a more detailed technical specification and the full list of all variations please see page 208.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.



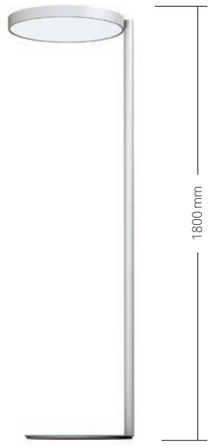
1800 mm hohe Interieur-Stehlampe mit direkt-indirekter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- oder MICROPRISM-Diffusor ausgestattet

C-F



LED | IP40 | dimm | TW | 230 V 50 Hz | F

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MULTILINE 45 C	350	450	600	600
value for – direct	20W	25W	35W	35+20W
value for chip – direct 4000K	2878 lm	4317 lm	5756lm	8617
suspended	•	•	•	•
suspended D/I				
ceiling				
ceiling D/I				
recessed				
trimless				
semirecessed				
floor lamp				
2700 K Ra80	•	•	•	•
3000 K Ra80	•	•	•	•
4000 K Ra80	•	•	•	•
6500 K Ra80	•	•	•	•
2700-6500 K Ra80	•	•	•	•
3000 K Ra90	•	•	•	•
4000 K Ra90	•	•	•	•
2700-6500 K Ra90	•	•	•	•
Microprism	•	•	•	•
Satine	•	•	•	•
FIX 3-LPN	•	•	•	•
FIX EM1 4-LPN+Lun	•	•	•	•
FIX EM3 4-LPN+Lun			•	•
ADJUST 3-LPN	30-130%	30-100%	65-125%	65-125%
ADJUST EM1 4-LPN+Lun	30-130%	30-100%	65-125%	65-125%
ADJUST EM3 4-LPN+Lun				
DALI ADJUST 5-LPN+DA	30-130%	30-100%	65-125%	65-125%
DALI ADJUST EM1 6-LPN+DA+Lun	30-130%	30-100%	65-125%	65-125%
DALI ADJUST EM3 6-LPN+DA+Lun				
0-10V 5-LPN+DIM	•	•	•	•
DALI TW ADJUST 5-LPN+DA		33-100%	25-150%	25-150%
DALI TW ADJUST EM1 6-LPN+DA+Lun		33-100%	25-150%	25-150%
DALI TW ADJUST EM3 6-LPN+DA+Lun				
SWITCH TW ADJUST 6-LPN+LNL		33-100%	25-150%	25-150%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun		33-100%	25-150%	25-150%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun				

Driver is not ntegrated into the luminaire



MULTILINE 55 C	350	350	450	450	600	600	900	900	1200	1200	600 SDI	600 SDI	900 SDI	900 SDI	1200 SDI	1200 SDI	1800 FDI	1800 FDI
value for – direct	20W	25W	25W	35W	35W	70W	70W	105W	105W	140W	35+20W	70+20W	70+20W	105+35W	105+35W	140+35W	35+20W	70+20W
value for chip – direct 4000K	2938 lm	3993 lm	4896 lm	5679 lm	5884 lm	11359 lm	11750 lm	15972 lm	17626 lm	22719 lm	8617 lm	14297 lm	14688 lm	14688 lm	23305 lm	28603 lm	8617 lm	14297 lm
suspended	•	•	•	•	•	•	•	•	•	•								
suspended D/I											•	•	•	•	•	•		
ceiling	•	•	•	•	•	•	•	•	•	•								
ceiling D/I					•	•	•	•	•	•								
recessed																		
trimless																		
semirecessed																		
floor lamp																	•	•
2700 K Ra80	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%
3000 K Ra80	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
4000 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
6500 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%
4000 K Ra90	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
Microprism	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%
Satine	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%
FIX 3-LPN	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FIX EM1 4-LPN+Lun	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FIX EM3 4-LPN+Lun					•	•		•	•	•	•	•		•	•	•	•	•
ADJUST 3-LPN	30-130%	30-100%	30-100%	65-125%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%
ADJUST EM1 4-LPN+Lun	30-130%	30-100%	30-100%	65-125%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%
ADJUST EM3 4-LPN+Lun					65-125%	30-130%	30-130%	30-130%	30-130%	30-130%			30-130%	30-130%	30-130%	30-130%	65-125%	30-130%
DALI ADJUST 5-LPN+DA	30-130%	30-100%	30-100%	65-125%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun	30-130%	30-100%	30-100%	65-125%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%
DALI ADJUST EM3 6-LPN+DA+Lun					65-125%	30-130%	30-130%	30-130%	30-130%	30-130%			30-130%	30-130%	30-130%	30-130%	65-125%	30-130%
0-10V 5-LPN+DIM	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DALI TW ADJUST 5-LPN+DA			33-100%	25-150%	25-150%	25-150%	30-130%	30-130%	30-130%	30-130%	25-150%	25-150%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun			33-100%	25-150%	25-150%	25-150%	30-130%	30-130%	30-130%	30-130%	25-150%	25-150%	30-130%	30-130%	30-130%	30-130%		
DALI TW ADJUST EM3 6-LPN+DA+Lun					25-150%	25-150%	30-130%	30-130%	30-130%	30-130%	25-150%	25-150%	30-130%	30-130%	30-130%	30-130%		
SWITCH TW ADJUST 6-LPN+LNL			33-100%	25-150%	25-150%	25-150%	30-130%	30-130%	30-130%	30-130%	25-150%	25-150%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun			33-100%	25-150%	25-150%	25-150%	30-130%	30-130%	30-130%	30-130%	25-150%	25-150%	30-130%	30-130%	30-130%	30-130%		
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun					25-150%	25-150%	30-130%	30-130%	30-130%	30-130%	25-150%	25-150%	30-130%	30-130%	30-130%	30-130%		

RGB |RGBW | DMX 512 | PWM | CASAMBI | BLL | net4more | ready2mains | ZigBee | Phase Cut | DALI 2 | KNX | Z-wave | connecDIM | basicDIM Wireless | EnOcean – on demand

Inspiration







MULTILINE 80 C	**350**	**450**	**450**	**600**	**600**	**900**	**900**	**1200**	**1200**	**1500**	**1500**	**1800**	**1800**	**600**	**600**	**900**	**900**	**1200**	**1200**	**1500**	**1500**
value for – direct	20W	25W	35W	35W	70W	70W	105W	105W	140W	140W	210W	210W	280W	35+20W	70+35W	70+35W	105+35W	105+35W	140+70W	140+70W	210+105W
value for chip – direct 4000K	2878 lm	4317 lm	5756 lm	5756 lm	11511 lm	11511 lm	17267 lm	17267 lm	23022 lm	23022 lm	34533 lm	35551 lm	44552 lm	8496 lm	17563 lm	17733 lm	24768 lm	23184 lm	34675 lm	35551 lm	52689 lm
suspended	•	•	•	•	•	•	•	•	•	•	•	•	•								
suspended D/I			•	•	•	•	•	•	•	•	•			•	•	•	•	•	•	•	•
ceiling	•	•	•	•	•	•	•	•	•	•	•	•	•								
ceiling D/I	•	•	•	•	•	•	•	•	•	•	•	•	•								
2700 K Ra80	•	•	•	•	•	•	•	•	•	•	•	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%
3000 K Ra80	•	•	•	•	•	•	•	•	•	•	•	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
4000 K Ra80	•	•	•	•	•	•	•	•	•	•	•	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
6500 K Ra80	•	•	•	•	•	•	•	•	•	•	•	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra80	•	•	•	•	•	•	•	•	•	•	•	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
3000 K Ra90	•	•	•	•	•	•	•	•	•	•	•	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%
4000 K Ra90	•	•	•	•	•	•	•	•	•	•	•	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%
2700-6500 K Ra90	•	•	•	•	•	•	•	•	•	•	•	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
Microprism	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%
Satine	81%	81%	81%	81%	81%	81%	81%	81%	81%	64%	64%	64%	64%	81%	81%	81%	81%	81%	81%	64%	64%
FIX 3-LPN	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FIX EM1 4-LPN+Lun		•	•	•	•		•		•		•	•	•	•	•		•	•	•	•	•
FIX EM3 4-LPN+Lun				•	•		•		•		•	•	•	•	•		•	•	•	•	•
ADJUST 3-LPN	30-130%	30-100%	65-125%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
ADJUST EM1 4-LPN+Lun		30-100%	65-125%	65-125%	30-130%		30-130%		30-130%		30-130%		30-130%	65-125%	30-130%		30-130%		30-130%		30-130%
ADJUST EM3 4-LPN+Lun				65-125%	30-130%		30-130%		30-130%		30-130%		30-130%	65-125%	30-130%		30-130%		30-130%		30-130%
DALI ADJUST 5-LPN+DA	30-130%	30-100%	65-125%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun		30-100%	65-125%	65-125%	30-130%		30-130%		30-130%		30-130%		30-130%	65-125%	30-130%		30-130%		30-130%		30-130%
DALI ADJUST EM3 6-LPN+DA+Lun				65-125%	30-130%		30-130%		30-130%		30-130%		30-130%	65-125%	30-130%		30-130%		30-130%		30-130%
0-10V 5-LPN+DIM	•	•	•	•	•		•		•		•	•	•	•	•	•	•	•	•	•	•
DALI TW ADJUST 5-LPN+DA	50-150%	33-100%	25-150%	25-150%	25-75%		30-130%		30-130%		30-130%		30-130%	25-150%	25-75%		30-130%		30-130%		30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun		33-100%	25-150%	25-150%	25-75%		30-130%		30-130%		30-130%		30-130%	25-150%	25-75%		30-130%		30-130%		30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun				25-150%	25-75%		30-130%		30-130%		30-130%		30-130%	25-150%	25-75%		30-130%		30-130%		30-130%
SWITCH TW ADJUST 6-LPN+LNL	50-150%	33-100%	25-150%	25-150%	25-75%		30-130%		30-130%		30-130%		30-130%	25-150%	25-75%		30-130%		30-130%		30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun		33-100%	25-150%	25-150%	25-75%		30-130%		30-130%		30-130%		30-130%	25-150%	25-75%		30-130%		30-130%		30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun				25-150%	25-75%		30-130%		30-130%		30-130%		30-130%	25-150%	25-75%		30-130%		30-130%		30-130%

RGB |RGBW | DMX 512 | PWM | CASAMBI | BLL | net4more | ready2mains | ZigBee | Phase Cut | DALI 2 | KNX | Z-wave | connecDIM | basicDIM Wireless | EnOcean – on demand

Inspiration







MULTILINE 111 C value for – direct value for chip – direct 4000K	**350** 20W 2963 lm	**350** 25W 4391 lm	**450** 25W 4938 lm	**450** 35W 5911 lm	**600** 35W 6042 lm	**600** 70W 11138 lm	**900** 70W 11850 lm	**900** 105W 18624 lm	**1200** 105W 17775 lm	**1200** 140W 22276 lm	**1500** 140W 23700 lm	**1500** 210W 35126 lm	**1800** 210W 35551 lm	**1800** 280W 44552 lm	**350** 20+10W 4241 lm	**350** 25+10W 5805 lm	**450** 25+10W 5805 lm	**450** 35+20W 8496 lm	**600** 35+20W 8496 lm	**600** 70+35W 17563 lm	**900** 70+35W 17733 lm	**900** 105+35W 24768 lm	**1200** 105+35W 23184 lm	**1200** 140+70W 34675 lm	**1500** 140+70W 35551 lm	**1500** 210+105W 52689 lm
suspended	•	•	•	•	•	•	•	•	•	•	•	•	•	•													
suspended D/I															•	•	•	•	•	•	•	•	•	•	•	•	•
ceiling	•	•	•	•	•	•	•	•	•	•	•	•	•	•													
ceiling D/I	•	•	•	•	•	•	•	•	•	•	•	•	•	•													
recessed	•	•	•	•	•	•	•	•	•	•	•	•	•	•													
trimless	•	•	•	•	•	•	•	•	•	•	•	•	•	•													
semirecessed	•	•	•	•	•	•	•	•	•	•	•	•	•	•													
2700 K Ra80	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%
3000 K Ra80	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
4000 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
6500 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%
4000 K Ra90	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
Microprism	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%
Satine	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	64%	64%	64%	64%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	64%	64%	
FIX 3-LPN	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FIX EM1 4-LPN+Lun			•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•
FIX EM3 4-LPN+Lun					•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•
ADJUST 3-LPN	30-130%	30-130%	30-100%	65-125%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	65-125%	65-125%	65-125%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
ADJUST EM1 4-LPN+Lun	30-130%	30-130%	30-100%	65-125%	65-125%	30-130%		30-130%		30-130%		30-130%		30-130%	65-125%	65-125%	65-125%	65-125%	65-125%	30-130%		30-130%		30-130%		30-130%
ADJUST EM3 4-LPN+Lun					65-125%	30-130%		30-130%		30-130%		30-130%		30-130%	65-125%	65-125%	65-125%	65-125%	65-125%	30-130%		30-130%		30-130%		30-130%
DALI ADJUST 5-LPN+DA	30-130%	30-130%	30-100%	65-125%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	65-125%	65-125%	65-125%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun	30-130%	30-130%	30-100%	65-125%	65-125%	30-130%		30-130%		30-130%		30-130%		30-130%	65-125%	65-125%	65-125%	65-125%	65-125%	30-130%		30-130%		30-130%		30-130%
DALI ADJUST EM3 6-LPN+DA+Lun					65-125%	30-130%		30-130%		30-130%		30-130%		30-130%	65-125%	65-125%	65-125%	65-125%	65-125%	30-130%		30-130%		30-130%		30-130%
0-10V 5-LPN+DIM	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DALI TW ADJUST 5-LPN+DA	50-150%	50-150%	33-100%	25-150%	25-150%	25-75%		30-130%		30-130%		30-130%		30-130%	25-150%	25-150%	25-150%	25-150%	25-150%	25-75%		30-130%		30-130%		30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun	50-150%	50-150%	33-100%	25-150%	25-150%	25-75%		30-130%		30-130%		30-130%		30-130%	25-150%	25-150%	25-150%	25-150%	25-150%	25-75%		30-130%		30-130%		30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun			33-100%	25-150%	25-150%	25-75%		30-130%		30-130%		30-130%		30-130%	25-150%	25-150%	25-150%	25-150%	25-150%	25-75%		30-130%		30-130%		30-130%
SWITCH TW ADJUST 6-LPN+LNL	50-150%	50-150%	33-100%	25-150%	25-150%	25-75%		30-130%		30-130%		30-130%		30-130%	25-150%	25-150%	25-150%	25-150%	25-150%	25-75%		30-130%		30-130%		30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun	50-150%	50-150%	33-100%	25-150%	25-150%	25-75%		30-130%		30-130%		30-130%		30-130%	25-150%	25-150%	25-150%	25-150%	25-150%	25-75%		30-130%		30-130%		30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun			33-100%	25-150%	25-150%	25-75%		30-130%		30-130%		30-130%		30-130%	25-150%	25-150%	25-150%	25-150%	25-150%	25-75%		30-130%		30-130%		30-130%

RGB |RGBW | DMX 512 | PWM | CASAMBI | BLL | net4more | ready2mains | ZigBee | Phase Cut | DALI 2 | KNX | Z-wave | connecDIM | basicDIM Wireless | EnOcean – on demand



Multiline

CC

Multiline CC

1 Eine Gruppe von Einbau-, Anbau- und abgehängten Leuchten für die direkte und direkt-indirekte Beleuchtung von Innenräumen

2 Dank den LED-Leuchtmitteln und Steuersystemen geeignet für die Beleuchtung von beliebigen Kommerz- und Aufenthaltsbereichen, wie z. B. Hallen, Büros, Flure, aber auch Wohnräume etc.



RECESSED | RECESSED | SEMIRECESSED | CEILING | SUSPENDED | SUSPENDED | SUSPENDED DI

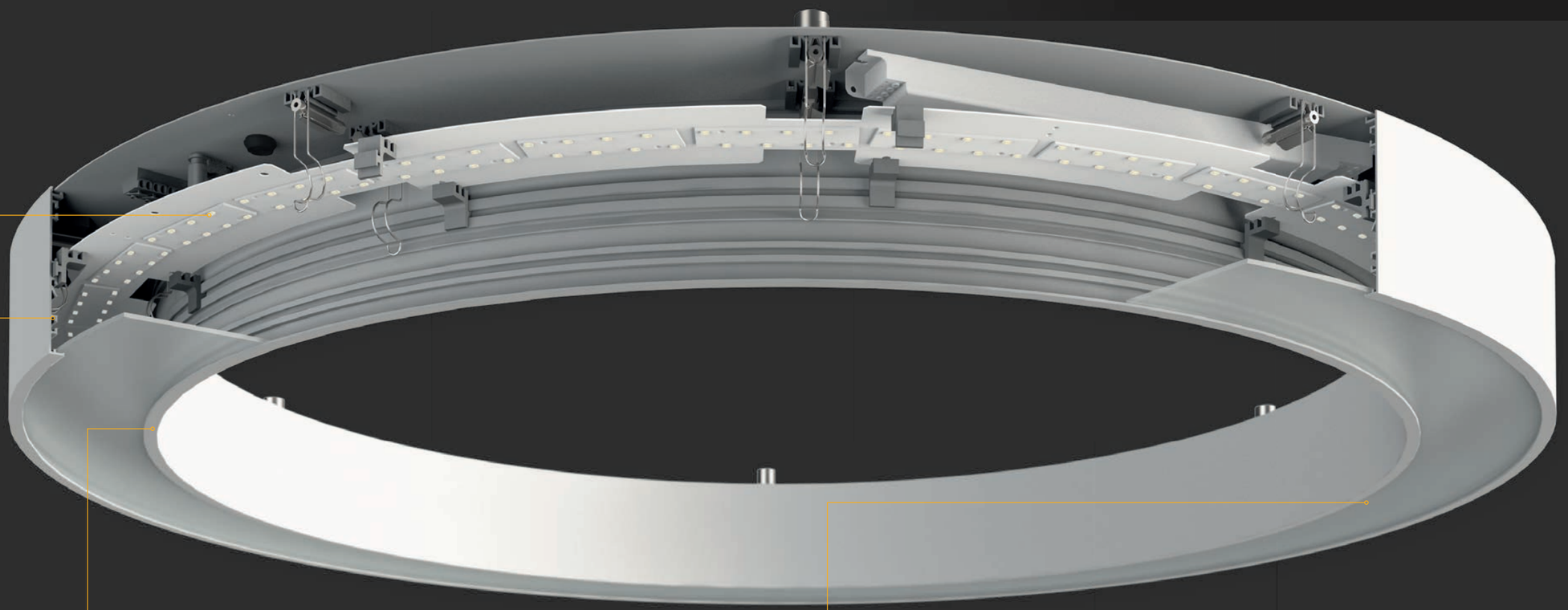
	MULTILINE CC-R	**MULTILINE** CCG-R	**MULTILINE** CC-H	**MULTILINE** CC-C	**MULTILINE CC-S**	**MULTILINE CCG-S**	**MULTILINE CC-S DI**
PROFILE	111	111	111	55 / 80 / 111	55 / 80 / 111	111	80 / 111
DIFFUSER	Satine	–	Satine	Satine	Satine	–	Satine
BEAM ANGLE	–	15°, 30°, 40°, 80°	–	–	–	15°, 30°, 40°, 80°	–
LUMINOUS EFFICIENCY	73 – 124 m/W	110 – 121 lm/W	73 – 124 m/W	73 – 124 m/W	73 – 124 m/W	110-121 lm/W	73 – 124 m/W
CCT	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K
CRI	≥ 80	Ra > 90	≥ 80	≥ 80	≥ 80	Ra > 90	≥ 80
CONTROL	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V 1DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW
COLOUR FINISH	RAL 9003, RAL 9010, TIGER SILVER BRILANT, RAL 9006, RAL 7005, RAL 7016, RAL 9005, RAL 7006, RAL 8017, RAL 8019, RAL 1035				RAL 2013, RAL 3001, RAL 3004, RAL 1018, RAL 6021, RAL 6018, RAL 6001, RAL 6028, RAL 6003, RAL 6005, RAL 6022, RAL 6034, RAL 5010		

Die Gruppe von ringförmigen Linienleuchten MULTILINE CC für die direkte und direkt-indirekte Beleuchtung von Innenräumen zeichnet sich bereits in der Standardversion durch eine hohe Variabilität der Grundparameter aus, die sich nach den individuellen Bedürfnissen und Wünschen weiter anpassen lassen

Die Leuchten sind mit LED-Leuchtmitteln in mehreren Leistungsvarianten mit einer Farbtemperatur von 3000 K, 4000 K, einem Farbwiedergabeindex von Ra>80 und einer Farbtoleranz MacAdam3 bestückt

Die Lichtstromsteuerung erfolgt mit Hilfe eines DALI-, DSI-, PWM-, DMX-, TW-Systems unter Nutzung von optischen, infraroten und Funkfrequenzgeräten

Das ausgeklügelte Wärmemanagement trägt zum hohen Wirkungsgrad des LED-Leuchtmittels bei und sorgt für dessen Kühlung



Ein Versteifungselement verlängert die Lebensdauer der Leuchten um ein Vielfaches und sorgt für die Festigkeit aller Verbindungen

MULTILINE CC-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage



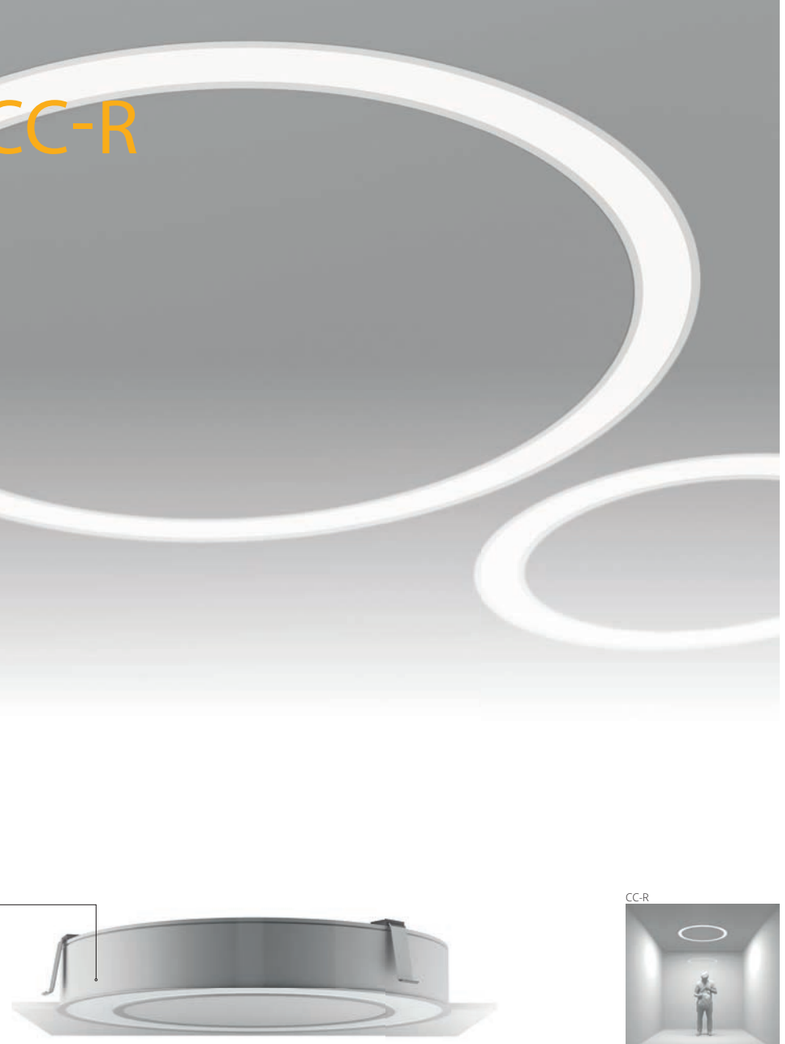
Der optische Teil der Leuchte ist standardmäßig mit einem SATINE-Diffusor ausgestattet

Der undurchsichtige SATINE-Diffusor erzeugt weiches, diffuses, homogenes Licht, das den Raum optisch vergrößert und diesem somit ein ästhetisches Erscheinungsbild verleiht



Das abgehängte System besteht aus einer Halterung für die Seilaufhängungen und den Seilaufhängungen mit einer verstellbaren Länge bis 1,5 m

Multiline CC-R



Einbauleuchte mit direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- Diffusor ausgestattet





Code ordering example 1 3 0. 0 2 | 1 0. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 111 CC-R | 700 | 35 W | 2705 lm | 3000 K Ra80 | Satine | ADJUST)

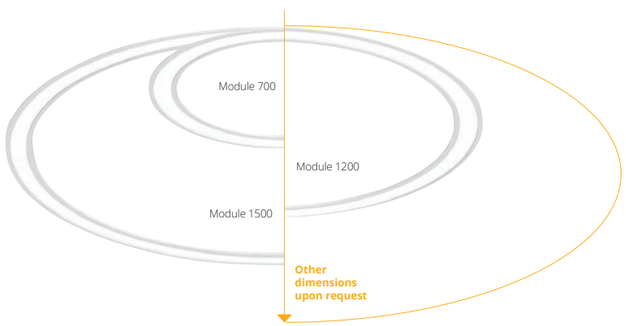
MULTILINE 111 CC-R (recessed)

	Product code	Module code	Dimension	Dimension Cut-out	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 CC-R	130.02	10 700	Ø 716 mm	Ø 710 mm	03 35 W	2705 lm 2878 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
			Ø 716 mm	Ø 710 mm	07 70 W	5252 lm 5587 lm			
		20 1200	Ø 1216 mm	Ø 1210 mm	07 70 W	5503 lm 5855 lm			
			Ø 1216 mm	Ø 1210 mm	08 105 W	8216 lm 8741 lm			
		26 1500	Ø 1516 mm	Ø 1510 mm	08 105 W	8255 lm 8782 lm			
			Ø 1516 mm	Ø 1510 mm	09 140 W	10630 lm 11308 lm			

For a more detailed technical specification and the full list of all variations please see page 238.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

LED | IP20 | dimm | TW | 230 V 50 Hz | F







Multiline CC-H



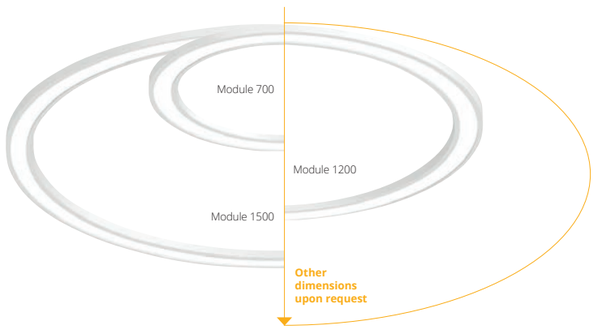
Halbeinbauleuchte mit direkter Lichtabgabe;
der optische Teil ist standardmäßig mit einem
SATINE- Diffusor ausgestattet





LED | IP20 | dimm | TW | 230 V 50 Hz | F







MULTILINE-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage



Code ordering example 1 3 2. 0 2 | 1 0. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 111 CC-H | 700 | 35 W | 2705 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 CC-H (semi-recessed)

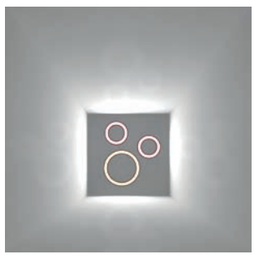
	Product code	Module code	Dimension	Dimension Cut-out	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 CC-H	132.02	10 700	Ø 716 mm	Ø 710 mm	03 35 W	2705 lm 2878 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
			Ø 716 mm	Ø 710 mm	07 70 W	5252 lm 5587 lm			
		20 1200	Ø 1216 mm	Ø 1210 mm	07 70 W	5503 lm 5855 lm			
			Ø 1216 mm	Ø 1210 mm	08 105 W	8216 lm 8741 lm			
		26 1500	Ø 1516 mm	Ø 1510 mm	08 105 W	8255 lm 8782 lm			
			Ø 1516 mm	Ø 1510 mm	09 140 W	10630 lm 11308 lm			

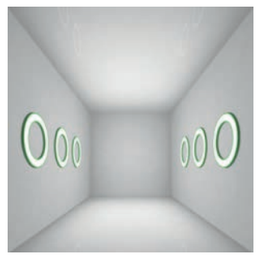


Inspiration









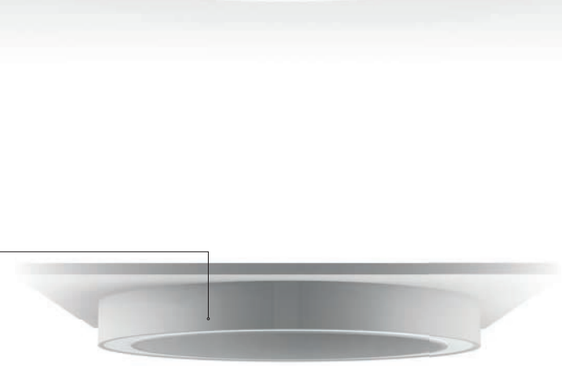


For a more detailed technical specification and the full list of all variations please see page 238.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Multiline CC-C

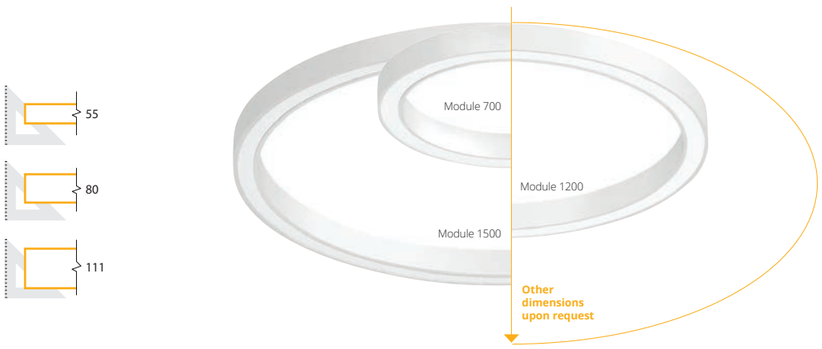


Anbauleuchte mit direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- Diffusor ausgestattet





LED | IP20 | dimm | TW | 230 V 50 Hz | F





MULTILINE-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage



Code ordering example 1 3 5. 0 2 | 1 0. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 55 CC-C | 700 | 35 W | 2922 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 55 CC-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 55 CC-C	135.02	10 700	Ø 706 mm	03 35 W	2922 lm 3108 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
		20 1200	Ø 1206 mm	07 70 W	5943 lm 6323 lm			
		26 1500	Ø 1506 mm	08 105 W	8915 lm 9484 lm			



Code ordering example 1 0 3. 0 2 | 1 0. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 80 CC-C | 700 | 35 W | 2922 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 CC-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 CC-C	103.02	10 700	Ø 706 mm	03 35 W	2922 lm 3108 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
		20 1200	Ø 1206 mm	07 70 W	5943 lm 6323 lm			
		36 1500	Ø 1506 mm	08 105 W	8915 lm 9484 lm			

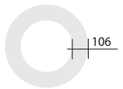




Code ordering example 1 0 1. 0 2 | 1 0. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 111 CC-C | 700 | 35 W | 2705 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 CC-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 CC-C	101.02	10 700	Ø 706 mm	03 35 W	2705 lm 2878 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
			Ø 706 mm	07 70 W	5252 lm 5587 lm			
		20 1200	Ø 1206 mm	07 70 W	5503 lm 5855 lm			
			Ø 1206 mm	08 105 W	8216 lm 8741 lm			
		26 1500	Ø 1506 mm	08 105 W	8255 lm 8782 lm			
			Ø 1506 mm	09 140 W	10630 lm 11308 lm			



For a more detailed technical specification and the full list of all variations please see page 236-238.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

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Multiline CC-S



Hängeleuchte mit direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- oder MICROPRISM-Diffusor ausgestattet

CC-S

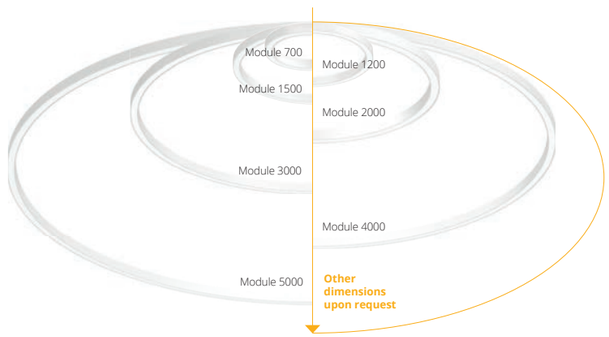


LED | IP40 | dimm | TW | 230 V 50 Hz | F











Aufhängungssystem I.
Abdeckung mit Kabel
Halterung für die Seilaufhängung
Seilaufhängungen
Standardlänge 1,5 m
Aufhängungssystem II.
Dreifache Aufhängung









Code ordering example 1 3 4. 0 2 | 1 0. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 55 CC-S | 700 | 35 W | 2922 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 55 CC-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 55 CC-S	134.02	10 700	Ø 706 mm	03 35 W	2922 lm 3108 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
		20 1200	Ø 1206 mm	07 70 W	5943 lm 6323 lm			
		26 1500	Ø 1506 mm	08 105 W	8915 lm 9484 lm			



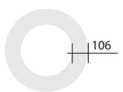
MULTILINE 80 CC-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 CC-S	102.02	10 700	Ø 706 mm	03 35 W	2922 lm 3108 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
			Ø 706 mm	07 70 W	5672 lm 6034 lm			
		20 1200	Ø 1206 mm	07 70 W	5943 lm 6323 lm			
			Ø 1206 mm	08 105 W	8873 lm 9440 lm			
		26 1500	Ø 1506 mm	08 105 W	8915 lm 9484 lm			
			Ø 1506 mm	09 140 W	11480 lm 12213 lm			
		32 1800	Ø 1756 mm	09 140 W	11734 lm 12483 lm			
		35 2000	Ø 2000 mm	09 140 W	11739 lm 12488 lm			
		49 3000	Ø 3000 mm	10 175 W	14134 lm 15036 lm			
		41 4000	Ø 4000 mm	18 240 W	16669 lm 17733 lm			
		51 5000	Ø 5000 mm	14 350 W	21812 lm 23205 lm			



MULTILINE 111 CC-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 CC-S	100.02	10 700	Ø 706 mm	03 35 W	2705 lm 2878 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
			Ø 706 mm	07 70 W	5252 lm 5587 lm			
		20 1200	Ø 1206 mm	07 70 W	5503 lm 5855 lm			
			Ø 1206 mm	08 105 W	8216 lm 8741 lm			
		26 1500	Ø 1206 mm	08 105 W	8255 lm 8782 lm			
			Ø 1206 mm	09 140 W	10630 lm 11308 lm			
		32 1800	Ø 1756 mm	09 140 W	10865 lm 11559 lm			
		35 2000	Ø 2000 mm	09 140 W	10869 lm 11563 lm			
		49 3000	Ø 3000 mm	10 175 W	13087 lm 13923 lm			
		41 4000	Ø 4000 mm	11 210 W	16669 lm 17733 lm			
		51 5000	Ø 5000 mm	12 280 W	21812 lm 23205 lm			



For a more detailed technical specification and the full list of all variations please see page 236-238.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Multiline CC-S DI

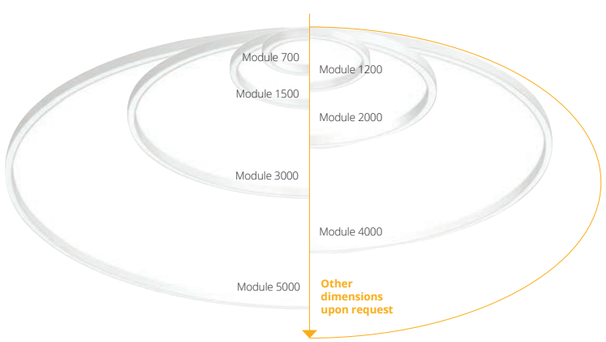


Hängeleuchte mit direkt-indirekter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- oder MICROPRISM-Diffusor ausgestattet

CC-S DI

LED | IP40 | dimm | TW | 230 V 50 Hz | F







Aufhängungssystem I.
Abdeckung mit Kabel
Halterung für
die Seilaufhängung
Seilaufhängungen
Standardlänge 1,5 m
Aufhängungssystem II.
Dreifache Aufhängung





Code ordering example 1 1 4. 0 2 | 1 0. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 80 CC-S | 700 | 35 W | 4483 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 CC-S DI (suspended direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 CC-S DI	114.02	10 700	Ø 706 mm	30 35+25 W	4483 lm 4769 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
		20 1200	Ø 1206 mm	08 70+35 W	8850 lm 9415 lm			
		26 1500	Ø 1506 mm	09 105+35 W	12630 lm 13436 lm			
		35 2000	Ø 2000 mm	11 140+70 W	17609 lm 18733 lm			
		49 3000	Ø 3000 mm	15 175+70 W	20763 lm 22088 lm			
		41 4000	Ø 4000 mm	14 210+105 W	25869 lm 27520 lm			
		51 5000	Ø 5000 mm	99 280+140 W	33697 lm 35848 lm			



Code ordering example 1 1 2. 0 2 | 1 0. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 111 CC-S DI | 700 | 35 W | 4151 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 CC-S DI (suspended direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 CC-S DI	112.02	10 700	Ø 706 mm	30 35+25 W	4151 lm 4416 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
		20 1200	Ø 1206 mm	08 70+35 W	8194 lm 8718 lm			
		26 1500	Ø 1506 mm	09 105+35 W	11694 lm 12441 lm			
		35 2000	Ø 2000 mm	11 140+70 W	16304 lm 17345 lm			
		49 3000	Ø 3000 mm	15 175+70 W	19225 lm 20452 lm			
		41 4000	Ø 4000 mm	14 210+105 W	23953 lm 25482 lm			
		51 5000	Ø 5000 mm	99 280+140 W	31201 lm 33193 lm			



Inspiration







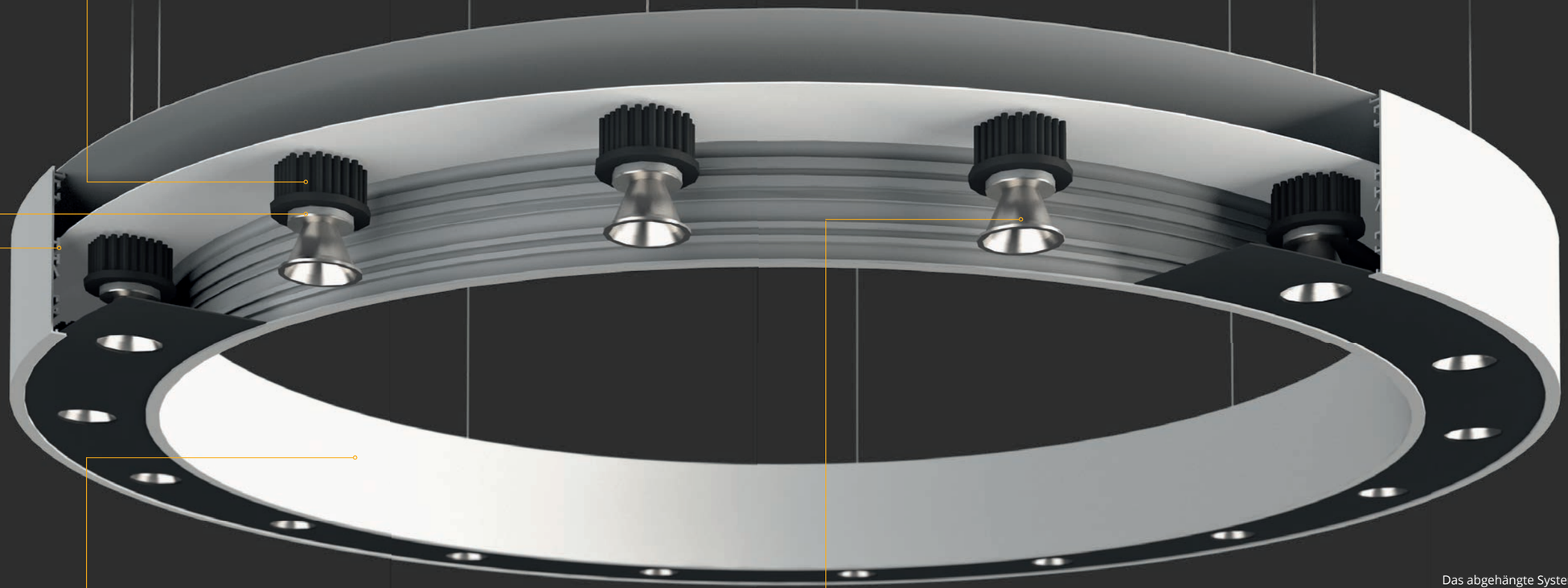
For a more detailed technical specification and the full list of all variations please see page 236-238.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Die MULTILINE-CCG-Leuchtengruppe ist mit LED-Strahlern mit verschiedenen Abstrahlwinkeln bestückt, dank derer jetzt noch höhere Ausleuchtungsniveaus erreicht werden können

Die Leuchten sind mit LED-Leuchtmitteln in mehreren Leistungsvarianten mit einer Farbtemperatur von 3000 K, 4000 K, einem Farbwiedergabeindex von Ra>80 und einer Farbtoleranz MacAdam3 bestückt

Das ausgeklügelte Wärmemanagement trägt zum hohen Wirkungsgrad des LED-Leuchtmittels bei und sorgt für dessen Kühlung

Die Lichtstromsteuerung erfolgt mit Hilfe eines DALI- und CASAMBI-Systems unter Nutzung von optischen, infraroten und Funkfrequenzgeräten





Das abgehängte System besteht aus einer Halterung für die Seilaufhängungen und den Seilaufhängungen mit einer verstellbaren Länge bis 1,5 m



Der optische Teil der Leuchte ist standardmäßig mit 8, 12, 16 und 20 LED-Strahlern mit einem Abstrahlwinkel von 15° bis 80° bestückt, wodurch MULTILINE-CCG-Leuchten optimal für die Beleuchtung von Innenräumen mit hohen Decken oder großflächigen Räumen geeignet sind

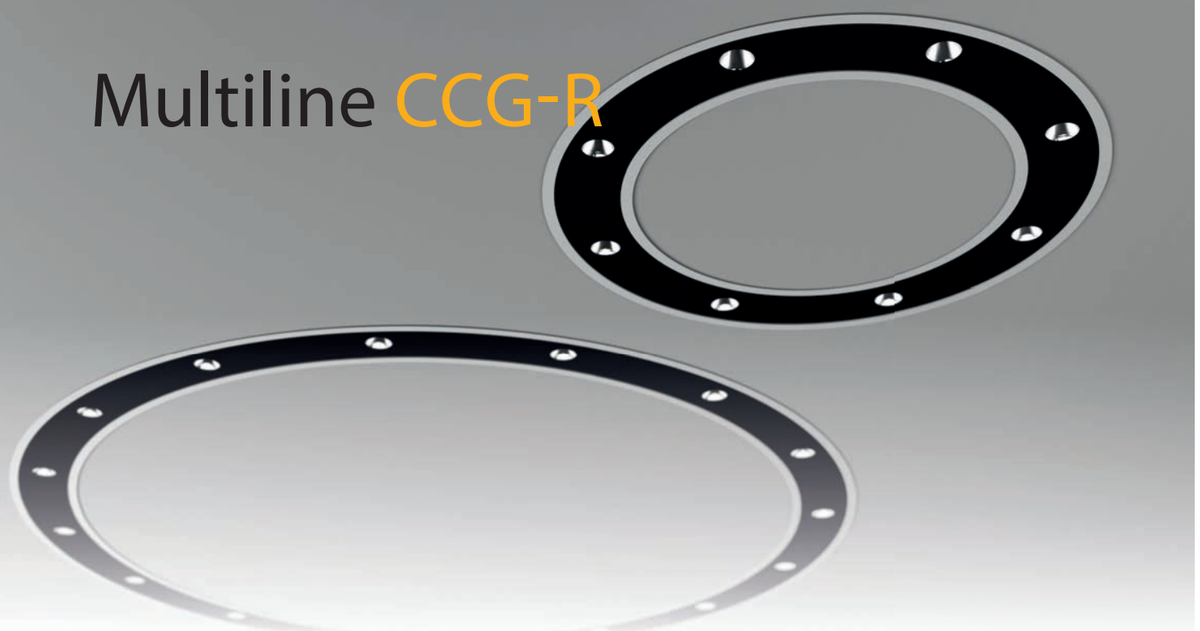
Ein Versteifungselement verlängert die Lebensdauer der Leuchten um ein Vielfaches und sorgt für die Festigkeit aller Verbindungen

MULTILINE CCG-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage



Anbau- und Einbau-Varianten lassen sich an/in Gipskarton, Holz oder verschiedenen Verbundstoffplatten anbringen

Multiline CCG-R





Code ordering example 3 5 3. 00 | 1 0. | 0 2 | 0 1. | 6 2 | 2 5 (Multiline 111 CCG-T | 700 | 8x3 W | 2766 lm | 3000 K Ra80 | 15° | DALI)

MULTILINE 111 CCG-R (recessed)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Beam angle	Driver w
Multiline 111 CCG-R	353.00	10 700	Ø 716 mm	02 8x3 W	2766 lm	01 3000 K | Ra 80	62 15°	00 FIX
					2851 lm	02 4000 K | Ra 80	65 30°	01 ADJUST
				05 8x6 W	5461 lm		66 35° [1]	25 DALI
					5630 lm		**67** 40°	
		20 1200	Ø 1216 mm	03 12x3 W	4148 lm		71 60° [1]	
					4277 lm		74 75° [1]	
				07 12x6 W	8192 lm		**75** 80°	
					8446 lm			
		26 1500	Ø 1516 mm	05 16x3 W	5531 lm			
					5702 lm			
				20 16x6 W	10923 lm			
					11261 lm			
		32 1800	Ø 1816 mm	31 20x3 W	6914 lm			
					7128 lm			
				19 20x6 W	13654 lm			
					14076 lm			

[1] only for 6 W

For a more detailed technical specification and the full list of all variations please see page 239.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

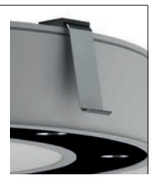
Einbauleuchte mit Rand und direkter Lichtabgabe, ausgestattet mit LED-Strahlern mit einem Abstrahlwinkel von 15° bis 80°



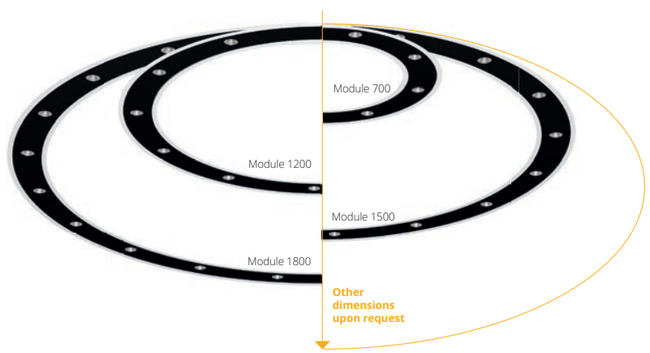


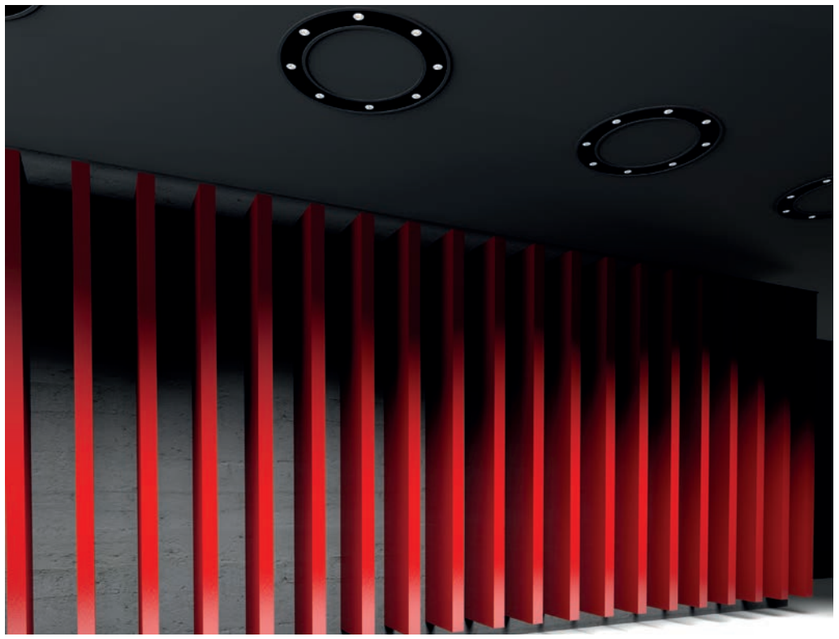


LED | IP20 | dimm | 230 V 50 Hz | F



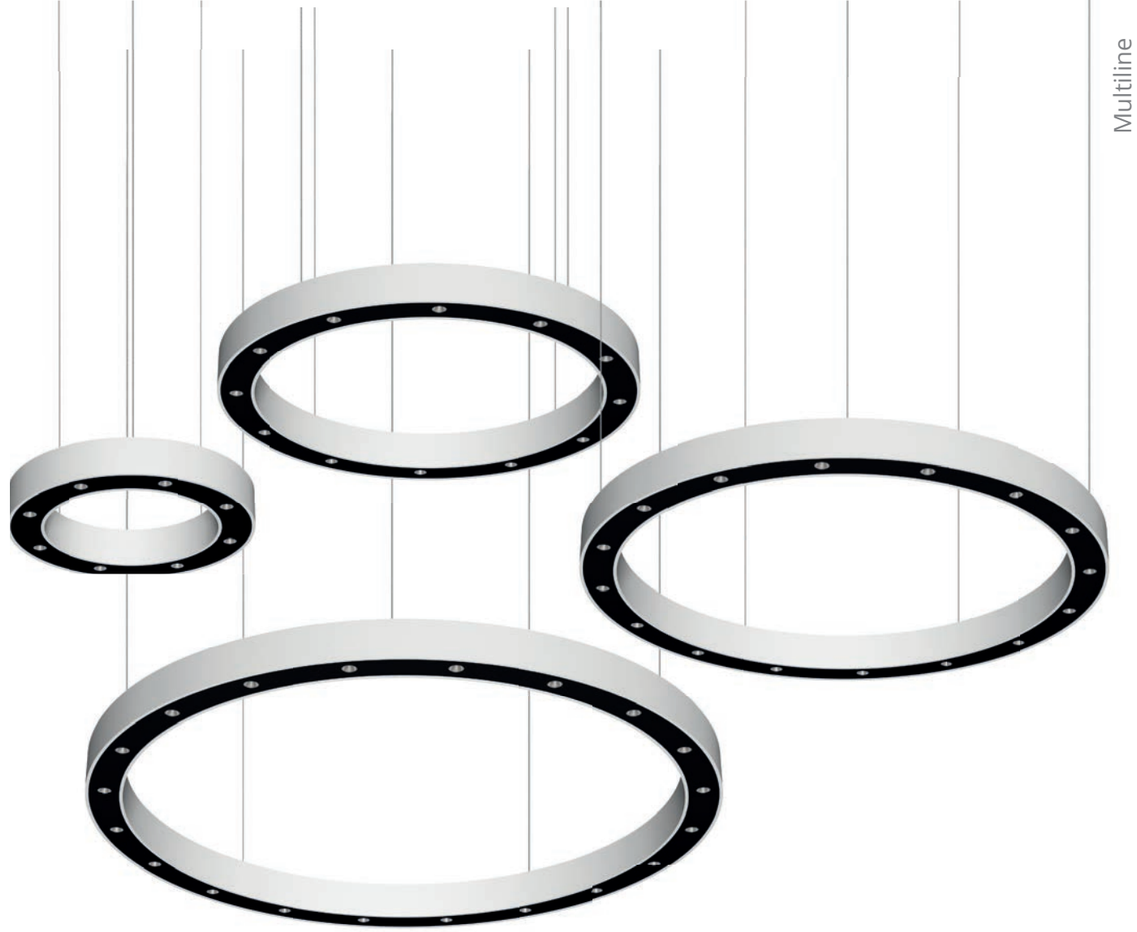






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Multiline CCG-S



Hängeleuchte mit direkter Lichtabgabe,
ausgestattet mit LED-Strahlern mit einem
Abstrahlwinkel von 15° bis 80°

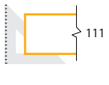


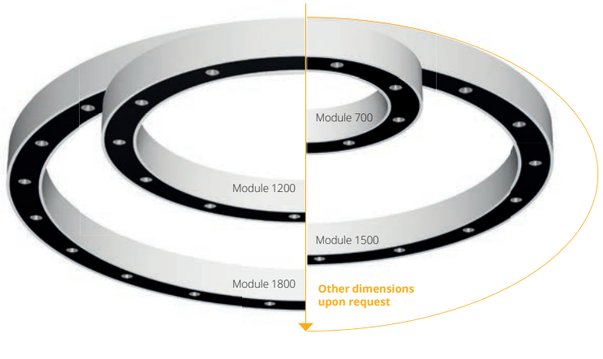
CCG-S





LED | IP20 | dimm | 230 V 50 Hz | F





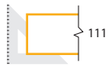


Aufhängungssystem I.
Abdeckung mit Kabel
Halterung für
die Seilaufhängung
Seilaufhängungen
Standardlänge 1,5 m
Aufhängungssystem II.
Dreifache Aufhängung



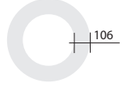






Code ordering example 3 3 9. 0 0 | 1 0. | 0 2 | 0 1. | 6 2 | 2 5 (Multiline 111 CCG-S | 700 | 8x3 W | 2766 lm | 3000 K Ra80 | 15° | DALI)

MULTILINE 111 CCG-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Beam angle	Driver
Multiline 111 CCG-S	339.00	10 700	Ø 706 mm	02 8x3 W	2766 lm	01 3000 K | Ra 80	62 15°	00 FIX
					2851 lm	02 4000 K | Ra 80	65 30°	01 ADJUST
				05 8x6 W	5461 lm		66 35° [1]	25 DALI
					5630 lm		**67** 40°	
		20 1200	Ø 1206 mm	03 12x3 W	4148 lm		71 60° [1]	
					4277 lm		74 75° [1]	
				07 12x6 W	8192 lm		**75** 80°	
					8446 lm			
		26 1500	Ø 1506 mm	05 16x3 W	5531 lm			
					5702 lm			
				20 16x6 W	10923 lm			
					11261 lm			
		32 1800	Ø 1806 mm	31 20x3 W	6914 lm			
					7128 lm			
				19 20x6 W	13654 lm			
					14076 lm			

[1] only for 6 W

For a more detailed technical specification and the full list of all variations please see page 239.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.



MULTILINE 55 CC	700	1200	1500
value for – direct	35W	70W	105W
value for chip – direct 4000K	5756 lm	11709 lm	17563 lm
suspended	•	•	•
suspended D/I			
ceiling			
ceiling D/I			
recessed			
trimless			
semirecessed			
floor lamp			
2700 K Ra80	93%	93%	93%
3000 K Ra80	94%	94%	94%
4000 K Ra80	100%	100%	100%
6500 K Ra80	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%
4000 K Ra90	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%
Microprism			
Satine	54%	54%	54%
FIX 3-LPN	•	•	•
FIX EM1 4-LPN+Lun			
FIX EM3 4-LPN+Lun			
driver ADJUST 3-LPN	30-130%	30-130%	30-130%
driver ADJUST EM1 4-LPN+Lun			
driver ADJUST EM3 4-LPN+Lun			
DALI ADJUST 5-LPN+DA	30-130%	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun			
DALI ADJUST EM3 6-LPN+DA+Lun			
0-10V 5-LPN+DIM	•	•	•
DALI TW ADJUST 5-LPN+DA	30-130%	30-130%	30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun			
DALI TW ADJUST EM3 6-LPN+DA+Lun			
SWITCH TW ADJUST 6-LPN+LNL	30-130%	30-130%	30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun			
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun			



MULTILINE 80 CC	700	700	1200	1200	1500	1500	1800	2000	3000	4000	5000
value for – direct	35W	70W	70W	105W	105W	140W	140W	140W	175W	210W	280W
value for chip – direct 4000K	5756 lm	11174 lm	11709 lm	17481 lm	17563 lm	22616 lm	23117 lm	23126 lm	27845 lm	35465 lm	46409 lm
suspended	•	•	•	•	•	•	•	•	•	•	•
suspended D/I											
ceiling	•	•	•	•	•	•	•	•	•	•	•
ceiling D/I											
recessed											
trimless											
semirecessed											
floor lamp											
2700 K Ra80	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%
3000 K Ra80	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
4000 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
6500 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%
4000 K Ra90	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
Microprism											
Satine	54%	54%	54%	54%	54%	54%	54%	54%	54%	54%	54%
FIX 3-LPN	•	•	•	•	•	•	•	•	•	•	•
FIX EM1 4-LPN+Lun	•	•	•	•	•	•	•	•	•	•	•
FIX EM3 4-LPN+Lun											
ADJUST 3-LPN	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
ADJUST EM1 4-LPN+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
ADJUST EM3 4-LPN+Lun											
DALI ADJUST 5-LPN+DA	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI ADJUST EM3 6-LPN+DA+Lun											
0-10V 5-LPN+DIM	•	•	•	•	•	•	•	•	•	•	•
DALI TW ADJUST 5-LPN+DA	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun			30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun											
SWITCH TW ADJUST 6-LPN+LNL	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun			30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun											

5000	700	1200	1500	2000	3000	4000	5000
280W	35+20W	70+35W	105+35W	140+70W	175+70W	210+105W	280+140W
66385 lm	8832 lm	17435 lm	24881 lm	34690 lm	40904 lm	50963 lm	66385 lm
•							
	•	•	•	•	•	•	•
•							
93%	93%	93%	93%	93%	93%	93%	93%
94%	94%	94%	94%	94%	94%	94%	94%
100%	100%	100%	100%	100%	100%	100%	100%
100%	100%	100%	100%	100%	100%	100%	100%
91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
81%	81%	81%	81%	81%	81%	81%	81%
84%	84%	84%	84%	84%	84%	84%	84%
78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
54%	54%	54%	54%	54%	54%	54%	54%
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•
30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
		30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
		30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
•	•	•	•	•	•	•	•
30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
		30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
		30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
30-130%		30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
30-130%		30-130%	30-130%	30-130%	30-130%	30-130%	30-130%

RGB |RGBW | DMX 512 | PWM | CASAMBI | BLL | net4more | ready2mains | ZigBee | Phase Cut | DALI 2 | KNX | Z-wave | connecDIM | basicDIM Wireless | EnOcean – on demand



MULTILINE 111 CC	700	700	1200	1200	1500	1500	1800	2000	3000	4000	5000	700	1200	1500	2000	3000	4000	5000
value for – direct	35W	70W	70W	105W	105W	140W	140W	140W	175W	210W	280W	35+20W	70+35W	105+35W	140+70W	175+70W	210+105W	280+140W
value for chip – direct 4000K	5756 lm	11174 lm	11709 lm	17481 lm	17563 lm	22616 lm	23117 lm	23126 lm	27845 lm	35465 lm	46409 lm	8832 lm	17435 lm	24881 lm	34690 lm	40904 lm	50963 lm	66385 lm
suspended	•	•	•	•	•	•	•	•	•	•	•							
suspended D/I												•	•	•	•	•	•	•
ceiling	•	•	•	•	•	•												
ceiling D/I																		
recessed	•	•	•	•														
trimless																		
semirecessed																		
2700 K Ra80	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%
3000 K Ra80	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
4000 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
6500 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%
4000 K Ra90	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
Microprism																		
Satine	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
FIX 3-LPN	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FIX EM1 4-LPN+Lun	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FIX EM3 4-LPN+Lun	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ADJUST 3-LPN	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
ADJUST EM1 4-LPN+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
ADJUST EM3 4-LPN+Lun			30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%		30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI ADJUST 5-LPN+DA	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI ADJUST EM3 6-LPN+DA+Lun			30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%		30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
0-10V 5-LPN+DIM	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DALI TW ADJUST 5-LPN+DA	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun			30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%		30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun			30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%		30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
SWITCH TW ADJUST 6-LPN+LNL	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun			30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%		30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun			30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%		30-130%	30-130%	30-130%	30-130%	30-130%	30-130%

RGB |RGBW | DMX 512 | PWM | CASAMBI | BLL | net4more | ready2mains | ZigBee | Phase Cut | DALI 2 | KNX | Z-wave | connecDIM | basicDIM Wireless | EnOcean – on demand



MULTILINE 111 CCG	700	700	1200	1200	1500	1500	1800	1800
value for – direct	8x3W	8x6W	12x3W	12x6W	16x3W	16x6W	20x3W	20x6W
value for chip – direct 4000K	3168 lm	6256 lm	4752 lm	9384 lm	6336 lm	12512 lm	7920 lm	15640 lm
suspended	•	•	•	•	•	•	•	•
suspended D/I								
ceiling								
ceiling D/I								
recessed	•	•	•	•	•	•	•	•
trimless								
semirecessed								
2700 K Ra80								
3000 K Ra80								
4000 K Ra80								
6500 K Ra80								
2700-6500 K Ra80								
3000 K Ra90	97%	97%	97%	97%	97%	97%	97%	97%
4000 K Ra90	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra90								
15° beam angle	•	•	•	•	•	•	•	•
30° beam angle	•	•			•	•		
35° beam angle			•	•			•	•
40° beam angle	•	•			•	•		
60° beam angle			•	•			•	•
75° beam angle			•	•			•	•
80° beam angle	•	•			•	•		
FIX 3-LPN	•	•	•	•	•	•	•	•
FIX EM1 4-LPN+Lun								
FIX EM3 4-LPN+Lun								
ADJUST 3-LPN	50-100%	50-100%	50-100%	50-100%	50-100%	50-100%	50-100%	50-100%
ADJUST EM1 4-LPN+Lun								
ADJUST EM3 4-LPN+Lun								
DALI ADJUST 5-LPN+DA	50-100%	50-100%	50-100%	50-100%	50-100%	50-100%	50-100%	50-100%
DALI ADJUST EM1 6-LPN+DA+Lun								
DALI ADJUST EM3 6-LPN+DA+Lun								
0-10V 5-LPN+DIM								
DALI TW ADJUST 5-LPN+DA								
DALI TW ADJUST EM1 6-LPN+DA+Lun								
DALI TW ADJUST EM3 6-LPN+DA+Lun								
SWITCH TW ADJUST 6-LPN+LNL								
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun								
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun								



Multiline

Multiline Q

1 Einbau-, Anbau- und abgehängte Leuchten mit direkter oder direkt-indirekter Lichtabgabe

2 Als Quelle eines weichen, diffusen Lichts eignen sich diese Leuchten für alle Arten von Innenräumen, wo ein besonderer Fokus auf den visuellen Komfort, wie z. B. Büros, Hallen, Flure, Bibliotheken und andere öffentliche Innenräume und Wohnräume, gelegt wird



RECESSED | CEILING | CEILING DI | SUSPENDED | SUSPENDED DI

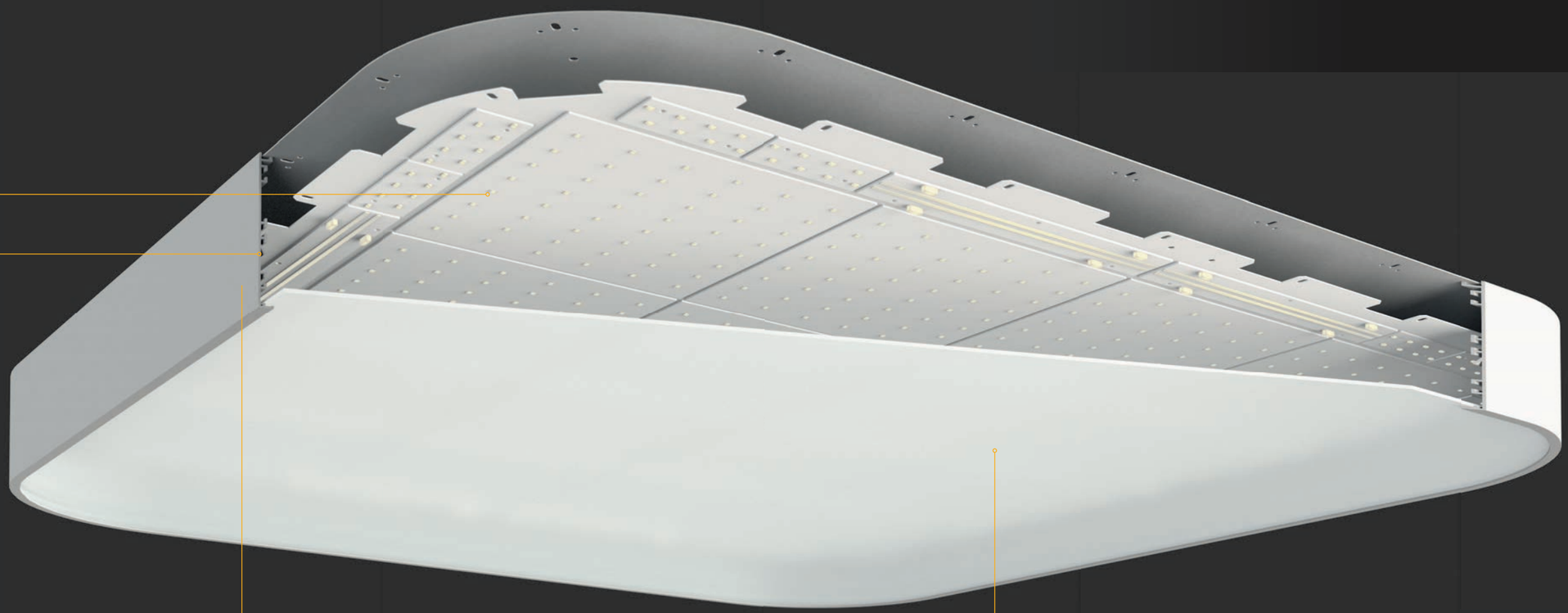
	MULTILINE Q-R	MULTILINE Q-C	MULTILINE Q-C DI	MULTILINE Q-S	MULTILINE Q-S DI
PROFILE	111	55 / 80 / 111	80 /111	55 / 80 / 111	80 / 111
DIFFUSER	Satine Microprism	Satine Microprism	Satine Microprism	Satine Microprism	Satine Microprism
LUMINOUS EFFICIENCY	99 – 140 lm/W	99 – 140 lm/W	99 – 140 lm/W	99 – 140 lm/W	99 – 140 lm/W
CCT	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K
CRI	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80
CONTROL	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW
COLOUR FINISH	RAL 9003, RAL 9010, TIGER SILVER BRILANT, RAL 9006, RAL 7005, RAL 7016, RAL 9005, RAL 7006, RAL 8017, RAL 8019, RAL 1035			RAL 2013, RAL 3001, RAL 3004, RAL 1018, RAL 6021, RAL 6018, RAL 6001, RAL 6028, RAL 6003, RAL 6005, RAL 6022, RAL 6034, RAL 5010	

Die Leuchten sind mit LED-Leuchtmitteln in mehreren Leistungsvarianten mit einer Farbtemperatur von 3000 K, 4000 K, einem Farbwiedergabeindex von Ra>80 und einer Farbtoleranz MacAdam3 bestückt

Das ausgeklügelte Wärmemanagement trägt zum hohen Wirkungsgrad des LED-Leuchtmittels bei und sorgt für dessen Kühlung

Die Lichtstromsteuerung erfolgt mit Hilfe eines DALI-, DSI-, PWM-, DMX-, TW-Systems unter Nutzung von optischen, infraroten und Funkfrequenzgeräten

MULTILINE Q ist ein Sortiment von Leuchten in Form eines gerundeten Quadrats mit abgerundeten Kanten in Einbau-, Anbau- und abgehängter Ausführung, die zur direkten und indirekten Beleuchtung von verschiedenen Arten von Innenraum bestimmt sind





Anbau- und Einbau-Varianten lassen sich an/in Gipskarton, Holz oder verschiedenen Verbundstoffplatten anbringen

Das abgehängte System besteht aus einer Halterung für die Seilaufhängungen und den Seilaufhängungen mit einer verstellbaren Länge bis 1,5 m

Ein Versteifungselement verlängert die Lebensdauer der Leuchten um ein Vielfaches und sorgt für die Festigkeit aller Verbindungen

MULTILINE Q-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage



Der optische Teil der Leuchte ist standardmäßig mit einem SATINE- und MICROPRISM-Diffusor ausgestattet

MICROPRISM Der klare MICROPRISM-Diffusor hat eine mikropyramidale Struktur, die Blendung verhindert

SATINE Der undurchsichtige SATINE-Diffusor erzeugt weiches, diffuses, homogenes Licht, das den Raum optisch vergrößert und diesem somit ein ästhetisches Erscheinungsbild verleiht

Multiline Q-R



Einbauleuchte mit Rand und direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- oder MICROPRISM-Diffusor ausgestattet

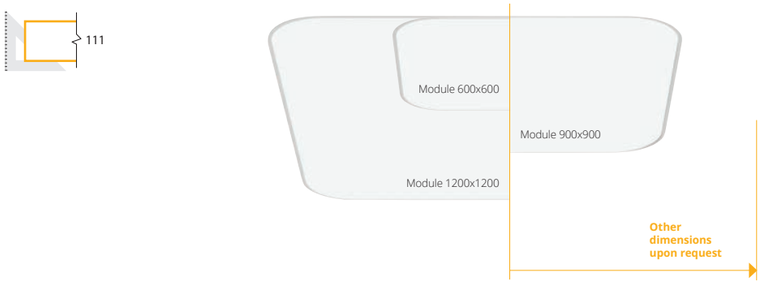
Q-R



LED | IP20 | dimm | TW | 230 V 50 Hz | F



MULTILINE-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage





Code ordering example 1 3 0. 0 7 | 5 4. | 0 1 | 3 0. | 0 2 | 0 1 (Multiline 111 Q-R | 400x400 | 25 W | 3760 lm | 3000 K Ra80 | Satine | ADJUST)



MULTILINE 111 Q-R (recessed)

	Product code	Module code	Dimension	Dimension Cut-out	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 Q-R	130.07	55 600x600	616x616 mm	610x610 mm	03 35 W	4600 lm 4894 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
					07 70 W	8480 lm 9022 lm			
		56 900x900	916x916 mm	910x910 mm	07 70 W	7129 lm 7584 lm			
					08 105 W	10566 lm 11240 lm			
		57 1200x1200	1216x1216 mm	1210x1210 mm	08 105 W	10693 lm 11376 lm			
					09 140 W	13401 lm 14257 lm			
		55 600x600	616x616 mm	610x610 mm	03 35 W	4430 lm 4713 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
					07 70 W	8166 lm 8688 lm			
		56 900x900	916x916 mm	910x910 mm	07 70 W	8688 lm 9243 lm			
					08 105 W	12877 lm 13699 lm			
		57 1200x1200	1216x1216 mm	1210x1210 mm	08 105 W	13033 lm 13865 lm			
					09 140 W	16333 lm 17375 lm			

[1] not for 400x400 25W

Inspiration





For a more detailed technical specification and the full list of all variations please see page 258.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Multiline Q-C / Q-C DI



Anbauleuchte mit direkter und direkt-indirekter Lichtabgabe; bei direkt-indirekter Beleuchtung entsteht rund um die Leuchte ein Haloeffekt

Q-C



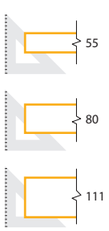
Q-C DI

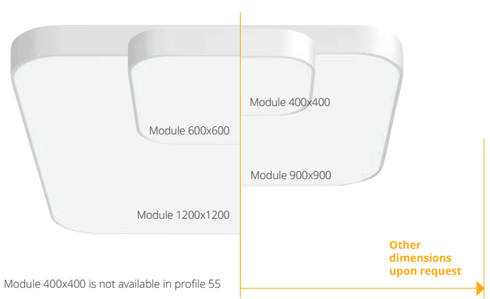


LED | IP20 | dimm | TW | 230 V 50 Hz | F



MULTILINE-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage





Module 400x400 is not available in profile 55

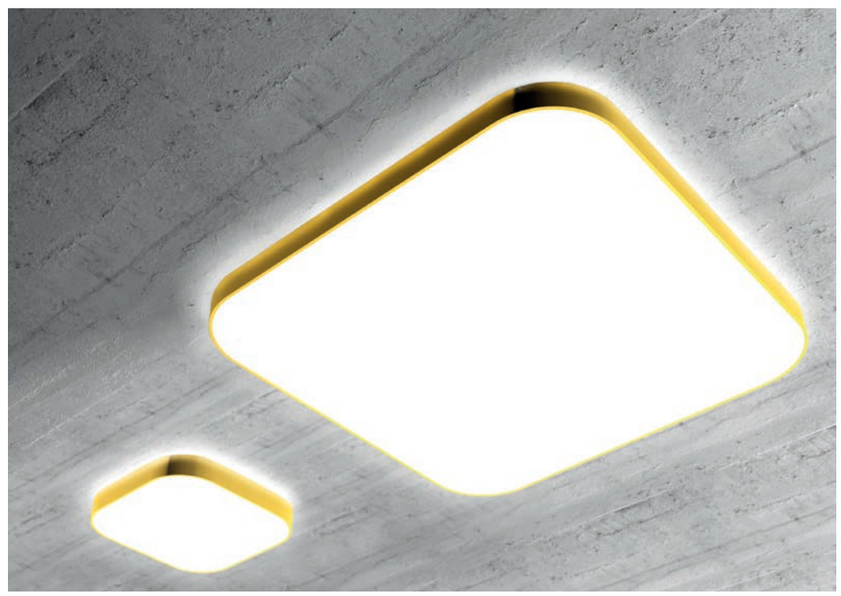
Code ordering example 1 3 5. 0 7 | 5 6. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 55 Q-C | 900x900 | 70 W | 8946 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 55 Q-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 55 Q-C	135.07	55 600x600	636x636 mm	03 35 W	4480 lm 4766 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
		56 900x900	826x826 mm	07 70 W	8946 lm 9518 lm			
		57 1200x1200	1206x1206 mm	08 105 W	10604 lm 11281 lm			
		55 600x600	636x636 mm	03 35 W	4314 lm 4590 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
		56 900x900	826x826 mm	07 70 W	8615 lm 9165 lm			
		57 1200x1200	1206x1206 mm	08 105 W	12923 lm 13748 lm			

[1] not for 600x600x, 900x900, 1200x1200

For a more detailed technical specification and the full list of all variations please see page 256-258.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.





Code ordering example 1 0 3. 0 7 | 5 4. | 0 1 | 3 0. | 0 2 | 0 1 (Multiline 80 Q-C | 400x400 | 25 W | 2191 lm| 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 Q-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 Q-C	103.07	54 400x400	406x406 mm	02 25 W	3760 lm 4000 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
				03 35 W	4501 lm 4788 lm			
		55 600x600	606x606 mm	03 35 W	4600 lm 4894 lm			
				07 70 W	8480 lm 9022 lm			
		56 900x900	906x906 mm	07 70 W	7129 lm 7584 lm			
				08 105 W	10566 lm 11240 lm			
		57 1200x1200	1206x1206 mm	08 105 W	10693 lm 11376 lm			
				09 140 W	13401 lm 14257 lm			
		54 400x400	406x406 mm	02 25 W	3624 lm 3852 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				03 35 W	4334 lm 4611 lm			
		55 600x600	606x606 mm	03 35 W	4430 lm 4713 lm			
				07 70 W	8166 lm 8688 lm			
		56 900x900	906x906 mm	07 70 W	8688 lm 9243 lm			
				08 105 W	12877 lm 13699 lm			
		57 1200x1200	1206x1206 mm	08 105 W	13033 lm 13865 lm			
				09 140 W	16333 lm 17375 lm			

[1] not for 400x400 20W, 600x600 35W, 900x900 70W, 1200x1200 105W

Code ordering example 1 1 5. 0 7 | 5 5. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 80 Q-C DI | 600x600 | 35 W | 6469 lm| 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 Q-C DI (ceiling direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 Q-C DI	115.07	55 600x600	606x606 mm	03 35 W	4600 lm 4894 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
				07 70 W	8480 lm 9022 lm			
		56 900x900	906x906 mm	07 70 W	7129 lm 7584 lm			
				08 105 W	10566 lm 11240 lm			
		57 1200x1200	1206x1206 mm	08 105 W	10693 lm 11376 lm			
				09 140 W	13401 lm 14257 lm			
		55 600x600	606x606 mm	03 35 W	4430 lm 4713 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				07 70 W	8166 lm 8688 lm			
		56 900x900	906x906 mm	07 70 W	8688 lm 9243 lm			
				08 105 W	12877 lm 13699 lm			
		57 1200x1200	1206x1206 mm	08 105 W	13033 lm 13865 lm			
				09 140 W	16333 lm 17375 lm			

[1] not for 900x900 70+35 W, 1200x1200 105+35W



Code ordering example 1 0 1. 0 7 | 5 4. | 0 1 | 3 0. | 0 2 | 0 1 (Multiline 111 Q-C | 400x400 | 25 W | 3760 lm| 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 Q-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 Q-C	101.07	54 400x400	406x406 mm	02 25 W	3760 lm 4000 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
				03 35 W	4501 lm 4788 lm			
		55 600x600	606x606 mm	03 35 W	4600 lm 4894 lm			
				07 70 W	8480 lm 9022 lm			
		56 900x900	906x906 mm	07 70 W	7129 lm 7584 lm			
				08 105 W	10566 lm 11240 lm			
		57 1200x1200	1206x1206 mm	08 105 W	10693 lm 11376 lm			
				09 140 W	13401 lm 14257 lm			
		54 400x400	406x406 mm	02 25 W	3621 lm 3852 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				03 35 W	4334 lm 4611 lm			
		55 600x600	606x606 mm	03 35 W	4430 lm 4713 lm			
				07 70 W	8166 lm 8688 lm			
		56 900x900	906x906 mm	07 70 W	8688 lm 9243 lm			
				08 105 W	12877 lm 13699 lm			
		57 1200x1200	1206x1206 mm	08 105 W	13033 lm 13865 lm			
				09 140 W	16333 lm 17375 lm			

[1] not for 400x400 25W

Code ordering example 1 1 3. 0 7 | 5 4. | 0 1 | 3 0. | 0 2 | 0 1 (Multiline 111 Q-C DI | 600x600 | 35+20 W | 4600 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 Q-C DI (ceiling direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 Q-C DI	113.07	55 600x600	606x606 mm	03 35 W	4600 lm 4894 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
				07 70 W	8480 lm 9022 lm			
		56 900x900	906x906 mm	07 70 W	7129 lm 7584 lm			
				08 105 W	10566 lm 11240 lm			
		57 1200x1200	1206x1206 mm	08 105 W	10693 lm 11376 lm			
				09 104 W	13401 lm 14257 lm			
		55 600x600	606x606 mm	03 35 W	4430 lm 4713 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				07 70 W	8166 lm 8688 lm			
		56 900x900	906x906 mm	07 70 W	8688 lm 9243 lm			
				08 105 W	12877 lm 13699 lm			
		57 1200x1200	1206x1206 mm	08 105 W	13033 lm 13865 lm			
				09 104 W	16333 lm 17375 lm			

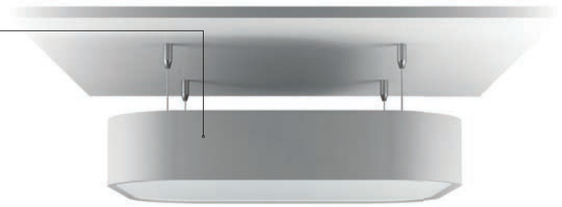
[1] not for 600x600 35W 900x900 70W 1200x1200 105W

For a more detailed technical specification and the full list of all variations please see page 256-258.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Multiline Q-S / Q-S DI



Hängeleuchte mit direkter und direkt-indirekter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- oder MICROPRISM-Diffusor ausgestattet



Q-S



Q-S DI



Code ordering example 1 3 4. 0 7 | 5 6. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 55 Q-S | 900x900 | 70 W | 8946 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 55 Q-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 55 Q-S	134.07	55 600x600	636x636 mm	03 35 W	4480 lm 4766 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
		56 900x900	826x826 mm	07 70 W	8946 lm 9518 lm			
		57 1200x1200	1206x1206 mm	08 105 W	10604 lm 11281 lm			
		55 600x600	636x636 mm	03 35 W	4314 lm 4590 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
		56 900x900	826x826 mm	07 70 W	8615 lm 9165 lm			
		57 1200x1200	1206x1206 mm	08 105 W	12923 lm 13748 lm			

[1] not for 600x600, 900x900, 1200x1200

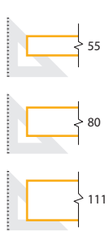
For a more detailed technical specification and the full list of all variations please see page 256-258.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

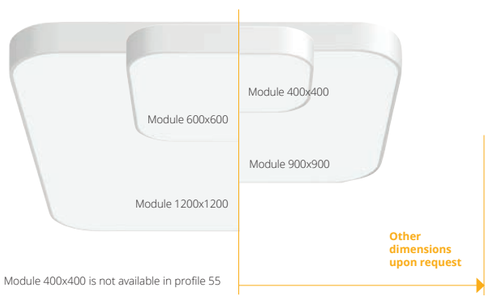
LED | IP40 | dimm | TW | 230 V 50 Hz | F

Aufhängungssystem:
Abdeckung mit Kabel ø 81, 01,135 mm
Halterung für die Seilaufhängung
Seilaufhängungen Standardlänge 1,5 m









Module 400x400 is not available in profile 55





Code ordering example 1 0 2. 0 7 | 5 4. | 0 1 | 3 0. | 0 2 | 0 1 (Multiline 80 Q-S | 400x400 | 25 W | 2191 lm | 3000 K Ra80 | Satine | ADJUST)



MULTILINE 80 Q-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 Q-S	102.07	54 400x400	406x406 mm	02 25 W	3760 lm 4000 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
				03 35 W	4501 lm 4788 lm			
		55 600x600	606x606 mm	03 35 W	4600 lm 4894 lm			
				07 70 W	8480 lm 9022 lm			
		56 900x900	906x906 mm	07 70 W	7129 lm 7584 lm			
				08 105 W	10566 lm 11240 lm			
		57 1200x1200	1206x1206 mm	08 105 W	10693 lm 11376 lm			
				09 140 W	13401 lm 14257 lm			
		54 400x400	406x406 mm	02 25 W	3624 lm 3852 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				03 35 W	4334 lm 4611 lm			
		55 600x600	606x606 mm	03 35 W	4430 lm 4713 lm			
				07 70 W	8166 lm 8688 lm			
		56 900x900	906x906 mm	07 70 W	8688 lm 9243 lm			
				08 105 W	12877 lm 13699 lm			
		57 1200x1200	1206x1206 mm	08 105 W	13033 lm 13865 lm			
				09 140 W	16333 lm 17375 lm			

[1] not for 400x400 20W, 600x600 35W, 900x900 70W, 1200x1200 105 W

Code ordering example 1 1 4. 0 7 | 5 5. | 3 0 | 3 0. | 0 2 | 0 1 (Multiline 80 Q-S DI | 600x600 | 35+20 W | 6469 lm | 3000 K Ra80 | Satine | ADJUST)



MULTILINE 80 Q-S DI (suspended direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 Q-S DI	114.07	55 600x600	606x606 mm	30 35+20 W	6469 lm 6882 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
				08 70+35 W	13372 lm 14226 lm			
		56 900x900	906x906 mm	08 70+35 W	10668 lm 11349 lm			
				09 105+35 W	13913 lm 14801 lm			
		57 1200x1200	1206x1206 mm	09 105+35 W	13947 lm 14838 lm			
				11 140+70 W	20860 lm 22192 lm			
		55 600x600	606x606 mm	30 35+20 W	6229 lm 6627 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				08 70+35 W	12877 lm 13699 lm			
		56 900x900	906x906 mm	08 70+35 W	13002 lm 13832 lm			
				09 105+35 W	16956 lm 18038 lm			
		57 1200x1200	1206x1206 mm	09 105+35 W	16999 lm 18084 lm			
				11 140+70 W	25424 lm 27047 lm			

[1] not for 600x600 35+20W, 900x900 70+35 W, 1200x1200 105+35W



Code ordering example 1 0 0. 0 7 | 5 4. | 0 1 | 3 0. | 0 2 | 0 1 (Multiline 111 Q-S | 400x400 | 25 W | 3760 lm | 3000 K Ra80 | Satine | ADJUST)



MULTILINE 111 Q-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 Q-S	100.07	54 400x400	406x406 mm	02 25 W	3760 lm 4000 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
				03 35 W	4501 lm 4788 lm			
		55 600x600	606x606 mm	03 35 W	4600 lm 4894 lm			
				07 70 W	8480 lm 9022 lm			
		56 900x900	906x906 mm	07 70 W	7129 lm 7584 lm			
				08 105 W	10566 lm 11240 lm			
		57 1200x1200	1206x1206 mm	08 105 W	10693 lm 11376 lm			
				09 140 W	13401 lm 14257 lm			
		54 400x400	406x406 mm	02 25 W	3621 lm 3852 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				03 35 W	4334 lm 4611 lm			
		55 600x600	606x606 mm	03 35 W	4430 lm 4713 lm			
				07 70 W	8166 lm 8688 lm			
		56 900x900	906x906 mm	07 70 W	8688 lm 9243 lm			
				08 105 W	12877 lm 13699 lm			
		57 1200x1200	1206x1206 mm	08 105 W	13033 lm 13865 lm			
				09 140 W	16333 lm 17375 lm			

[1] not for 400x400 25W

Code ordering example 1 1 2. 0 7 | 5 3. | 3 0 | 3 0. | 0 2 | 0 1 (Multiline 111 Q-S DI | 600x600 | 35+20 W | 6469 lm | 3000 K Ra80 | Satine | ADJUST)



MULTILINE 111 Q-S DI (suspended direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 Q-S DI	112.07	55 600x600	606x606 mm	30 35+20 W	6469 lm 6882 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
				08 70+35 W	13372 lm 14226 lm			
		56 900x900	906x906 mm	08 70+35 W	10668 lm 11349 lm			
				09 105+35 W	13913 lm 14801 lm			
		57 1200x1200	1206x1206 mm	09 105+35 W	13947 lm 14838 lm			
				11 140+70 W	20860 lm 22192 lm			
		55 600x600	606x606 mm	30 35+20 W	6229 lm 6627 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				08 70+35 W	12877 lm 13699 lm			
		56 900x900	906x906 mm	08 70+35 W	13002 lm 13832 lm			
				09 105+35 W	16956 lm 18038 lm			
		57 1200x1200	1206x1206 mm	09 105+35 W	16999 lm 18084 lm			
				11 140+70 W	25424 lm 27047 lm			

[1] not for 600x600 35+20W, 900x900 70+35W, 1200x1200 105+35W

For a more detailed technical specification and the full list of all variations please see page 256-258.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.



MULTILINE 55 Q	600x600	900x900	1200x1200
value for – direct	35W	70W	105W
value for chip – direct 4000K	6042 lm	11850 lm	17775 lm
suspended	•	•	•
suspended D/I			
ceiling	•	•	•
ceiling D/I			
2700 K Ra80	93%	93%	93%
3000 K Ra80	94%	94%	94%
4000 K Ra80	100%	100%	100%
6500 K Ra80	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%
4000 K Ra90	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%
Microprism	78%	78%	78%
Satine	81%	64%	64%
FIX 3-LPN	•	•	•
FIX EM1 4-LPN+Lun			
FIX EM3 4-LPN+Lun			
ADJUST 3-LPN	65-125%	30-130%	30-130%
ADJUST EM1 4-LPN+Lun			
ADJUST EM3 4-LPN+Lun			
DALI ADJUST 5-LPN+DA	65-125%	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun			
DALI ADJUST EM3 6-LPN+DA+Lun			
0-10V 5-LPN+DIM	•	•	•
DALI TW ADJUST 5-LPN+DA			
DALI TW ADJUST EM1 6-LPN+DA+Lun			
DALI TW ADJUST EM3 6-LPN+DA+Lun			
SWITCH TW ADJUST 6-LPN+LNL			
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun			
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun			



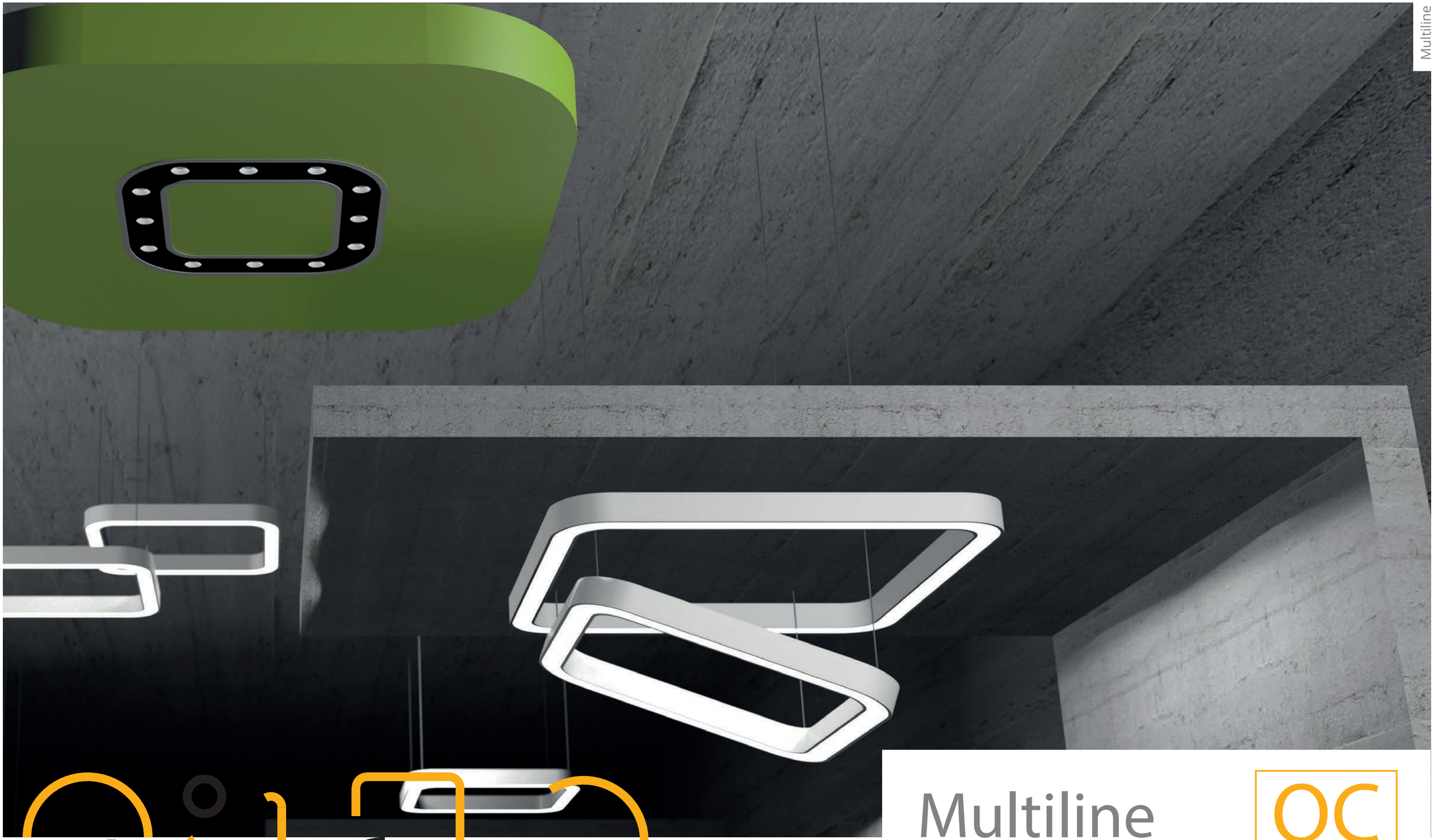
MULTILINE 80 Q	400x400	400x400	600x600	600x600	900x900	900x900	1200x1200	1200x1200	600x600	600x600	900x900	900x900	1200x1200	1200x1200
value for – direct	25W	35W	35W	70W	70W	105W	105W	140W	35+20W	70+35W	70+35W	105+35W	105+35W	140+70W
value for chip – direct 4000K	4391 lm	5911 lm	6042 lm	11138 lm	11850 lm	17563 lm	17775 lm	22276 lm	8496 lm	17563 lm	17733 lm	23126 lm	23184 lm	34675 lm
suspended	•	•	•	•	•	•	•	•						
suspended D/I									•	•	•	•	•	•
ceiling	•	•	•	•	•	•	•	•						
ceiling D/I	•	•	•	•	•	•	•	•						
2700 K Ra80	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%
3000 K Ra80	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
4000 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
6500 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%
4000 K Ra90	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
Microprism	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%
Satine	81%	81%	81%	81%	64%	64%	64%	64%	81%	81%	64%	64%	64%	64%
FIX 3-LPN	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FIX EM1 4-LPN+Lun		•		•		•		•		•		•		•
FIX EM3 4-LPN+Lun				•		•		•		•		•		•
ADJUST 3-LPN	30-130%	30-100%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%
ADJUST EM1 4-LPN+Lun		30-100%		30-130%		30-130%		30-130%		30-130%		30-130%		30-130%
ADJUST EM3 4-LPN+Lun				30-130%		30-130%		30-130%		30-130%		30-130%		30-130%
DALI ADJUST 5-LPN+DA	30-130%	30-100%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun		30-100%		30-130%		30-130%		30-130%		30-130%		30-130%		30-130%
DALI ADJUST EM3 6-LPN+DA+Lun				30-130%		30-130%		30-130%		30-130%		30-130%		30-130%
0-10V 5-LPN+DIM	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DALI TW ADJUST 5-LPN+DA		33-100%		25-75%		30-130%		30-130%		25-75%		30-130%		30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun		33-100%		25-75%		30-130%		30-130%		25-75%		30-130%		30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun				25-75%		30-130%		30-130%		25-75%		30-130%		30-130%
SWITCH TW ADJUST 6-LPN+LNL		33-100%		25-75%		30-130%		30-130%		25-75%		30-130%		30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun		33-100%		25-75%		30-130%		30-130%		25-75%		30-130%		30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun				25-75%		30-130%		30-130%		25-75%		30-130%		30-130%

RGB |RGBW | DMX 512 | PWM | CASAMBI | BLL | net4more | ready2mains | ZigBee | Phase Cut | DALI 2 | KNX | Z-wave | connecDIM | basicDIM Wireless | EnOcean – on demand



MULTILINE 111 Q	**400x400**	**400x400**	**600x600**	**600x600**	**900x900**	**900x900**	**1200x1200**	**1200x1200**	**600x600**	**600x600**	**900x900**	**900x900**	**1200x1200**	**1200x1200**
value for – direct	25W	35W	35W	70W	70W	105W	105W	140W	35+20W	70+35W	70+35W	105+35W	105+35W	140+70W
value for chip – direct 4000K	4938 lm	5911 lm	6042 lm	11138 lm	11850 lm	17563 lm	17775 lm	22276 lm	8496 lm	17563 lm	17733 lm	23126 lm	23184 lm	34675 lm
suspended	•	•	•	•	•	•	•	•						
suspended D/I									•	•	•	•	•	•
ceiling	•	•	•	•	•	•	•	•						
ceiling D/I	•	•	•	•	•	•	•	•						
recessed	•	•	•	•	•	•	•	•						
2700 K Ra80	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%
3000 K Ra80	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
4000 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
6500 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%
4000 K Ra90	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
Microprism	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%
Satine	81%	81%	81%	81%	64%	64%	64%	64%	81%	81%	64%	64%	64%	64%
FIX 3-LPN	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FIX EM1 4-LPN+Lun		•		•		•		•		•		•		•
FIX EM3 4-LPN+Lun				•		•		•		•		•		•
ADJUST 3-LPN	30-130%	30-100%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%
ADJUST EM1 4-LPN+Lun		30-100%		30-130%		30-130%		30-130%		30-130%		30-130%		30-130%
ADJUST EM3 4-LPN+Lun				30-130%		30-130%		30-130%		30-130%		30-130%		30-130%
DALI ADJUST 5-LPN+DA	30-130%	30-100%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun		30-100%		30-130%		30-130%		30-130%		30-130%		30-130%		30-130%
DALI ADJUST EM3 6-LPN+DA+Lun				30-130%		30-130%		30-130%		30-130%		30-130%		30-130%
0-10V 5-LPN+DIM	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DALI TW ADJUST 5-LPN+DA		33-100%		25-75%		30-130%		30-130%		25-75%		30-130%		30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun		33-100%		25-75%		30-130%		30-130%		25-75%		30-130%		30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun				25-75%		30-130%		30-130%		25-75%		30-130%		30-130%
SWITCH TW ADJUST 6-LPN+LNL		33-100%		25-75%		30-130%		30-130%		25-75%		30-130%		30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun		33-100%		25-75%		30-130%		30-130%		25-75%		30-130%		30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun				25-75%		30-130%		30-130%		25-75%		30-130%		30-130%

RGB |RGBW | DMX 512 | PWM | CASAMBI | BLL | net4more | ready2mains | ZigBee | Phase Cut | DALI 2 | KNX | Z-wave | connecDIM | basicDIM Wireless | EnOcean – on demand



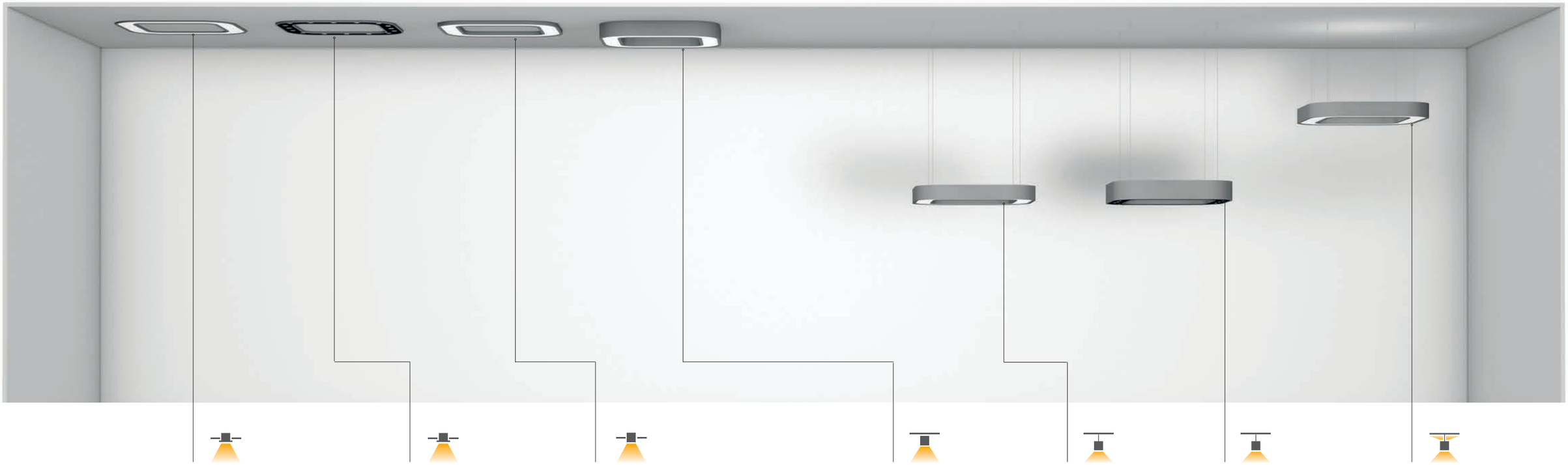
Multiline

QC

Multiline QC

1 Einbau-, Anbau- und abgehängte Leuchten mit LED-Leuchtmitteln und erweiterten Steuerungsmöglichkeiten

2 Dank der hervorragenden Lichtparameter geeignet als vollwertige Beleuchtung von beliebigen kommerziellen Innenräumen und Aufenthaltsbereichen



RECESSED | RECESSED | SEMIRECESSED | CEILING | SUSPENDED | SUSPENDED | SUSPENDED DI

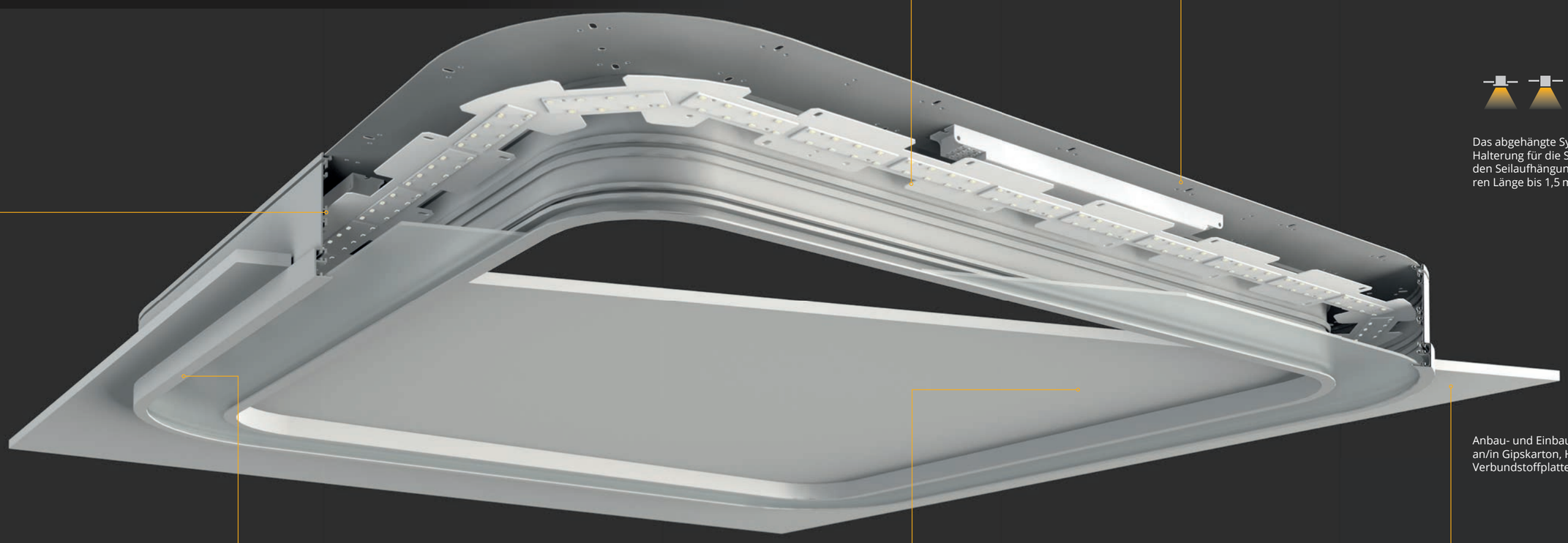
	MULTILINE QC-R	MULTILINE QCG-R	MULTILINE QC-H	MULTILINE QC-C	MULTILINE QC-S	MULTILINE QCG-S	MULTILINE QC-S DI
PROFILE	111	111	111	55 / 80 / 111	55 / 80 /111	111	80 / 111
DIFFUSER	Satine	–	Satine	Satine	Satine	–	Satine
BEAM ANGLE	–	15°, 30°, 40°, 80°	–	–	–	15°, 30°, 40°, 80°	–
LUMINOUS EFFICIENCY	73 – 124 m/W	110 – 121 lm/W	73 – 124 m/W	73 – 124 m/W	73 – 124 m/W	110 – 121 lm/W	73 – 124 m/W
CCT	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K
CRI	≥ 80	>90	≥ 80	≥ 80	≥ 80	>90	≥ 80
CONTROL	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW
COLOUR FINISH	RAL 9003, RAL 9010, TIGER SILVER BRILANT, RAL 9006, RAL 7005, RAL 7016, RAL 9005, RAL 7006, RAL 8017, RAL 8019, RAL 1035			RAL 2013, RAL 3001, RAL 3004, RAL 1018, RAL 6021, RAL 6018, RAL 6001, RAL 6028, RAL 6003, RAL 6005, RAL 6022, RAL 6034, RAL 5010			

Die MULTILINE-QC-Leuchtengruppe für die direkte und direkt-indirekte Beleuchtung von verschiedenen Arten von kommerziellen Innenräumen und Aufenthaltsbereichen ist in diversen Größen und Montagevarianten erhältlich

Die Leuchten sind mit LED-Leuchtmitteln in mehreren Leistungsvarianten mit einer Farbtemperatur von 3000 K, 4000 K, einem Farbwiedergabeindex von Ra>80 und einer Farbtoleranz MacAdam3 bestückt

Die Lichtstromsteuerung erfolgt mit Hilfe eines DALI-, DSI-, PWM-, DMX-, TW-Systems unter Nutzung von optischen, infraroten und Funkfrequenzgeräten

Das ausgeklügelte Wärmemanagement trägt zum hohen Wirkungsgrad des LED-Leuchtmittels bei und sorgt für dessen Kühlung





Das abgehängte System besteht aus einer Halterung für die Seilaufhängungen und den Seilaufhängungen mit einer verstellbaren Länge bis 1,5 m

Anbau- und Einbau-Varianten lassen sich an/in Gipskarton, Holz oder verschiedenen Verbundstoffplatten anbringen

Ein Versteifungselement verlängert die Lebensdauer der Leuchten um ein Vielfaches und sorgt für die Festigkeit aller Verbindungen

MULTILINE QC-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage



Der optische Teil der Leuchte ist standardmäßig mit einem SATINE-Diffusor ausgestattet

SATINE Der undurchsichtige SATINE-Diffusor erzeugt weiches, diffuses, homogenes Licht, das den Raum optisch vergrößert und diesem somit ein ästhetisches Erscheinungsbild verleiht

Multiline QC-R



Einbauleuchte mit direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- Diffusor ausgestattet



QC-R



LED | IP20 | dimm | 230 V 50 Hz | F



Code ordering example 130.08 | 55. | 03 | 30. | 02 | 01 (Multiline 111 QC-R | 600x600 | 35 W | 2778 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 QC-R (recessed)

	Product code	Module code	Dimension	Dimension Cut-out	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 QC-R	130.08	55 600x600	616x616 mm	610x610 mm	03 35 W	2778 lm 2956 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
					07 70 W	5252 lm 5587 lm			
		56 900x900	916x916 mm	910x910 mm	07 70 W	5503 lm 5855 lm			
					08 105 W	8216 lm 8741 lm			
		57 1200x1200	1216x1216 mm	1210x1210 mm	08 105 W	8255 lm 8782 lm			
					09 140 W	10630 lm 11308 lm			



For a more detailed technical specification and the full list of all variations please see page 280.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Multiline QC-H



Halbeinbauleuchte mit direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- Diffusor ausgestattet



QC-H



LED | IP20 | dimm | 230 V 50 Hz | F



Code ordering example 132.08 | 55. | 03 | 30. | 02 | 01 (Multiline 111 QC-H | 600x600 | 35 W | 2778 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 QC-H (semi-recessed)

	Product code	Module code	Dimension	Dimension Cut-out	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 QC-H	132.08	55 600x600	616x616 mm	610x610 mm	03 35 W	2778 lm 2956 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
					07 70 W	5252 lm 5587 lm			
		56 900x900	916x916 mm	910x910 mm	07 70 W	5503 lm 5855 lm			
					08 105 W	8216 lm 8741 lm			
		57 1200x1200	1216x1216 mm	1210x1210 mm	08 105 W	8255 lm 8782 lm			
					09 140 W	10630 lm 11308 lm			



For a more detailed technical specification and the full list of all variations please see page 280.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

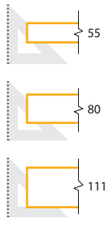
Multiline QC-C

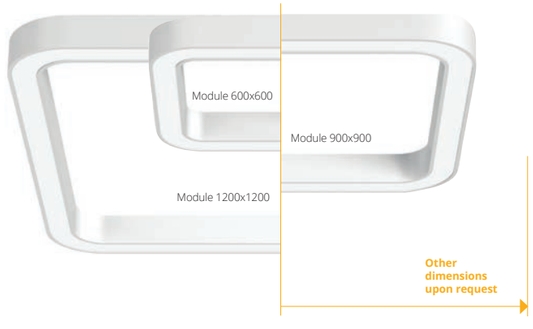


Anbauleuchte mit direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- Diffusor ausgestattet

QC-C

LED | IP20 | dimm | TW | 230 V 50 Hz | F







MULTILINE-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage



Code ordering example 1 3 5. 0 8 | 5 5. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 55 QC-S | 600x600 | 35 W | 2987 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 55 QC-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 55 QC-C	135.08	55 600x600	606x606 mm	03 35 W	2987 lm 3177 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
		56 900x900	906x906 mm	07 70 W	5964 lm 6345 lm			
		57 1200x1200	1206x1206 mm	08 105 W	8947 lm 9518 lm			

[1] not for 600x600, 900x900, 1200x1200



Code ordering example 1 0 3. 0 8 | 5 5. | 0 3 | 3 0. | 0 2 | 2 5 (Multiline 80 QC-C | 600x600 | 35 W | 2778 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 QC-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 QC-C	103.08	55 600x600	606x606 mm	03 35 W	2778 lm 2956 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
		56 900x900	906x906 mm	07 70 W	5503 lm 5855 lm			
		57 1200x1200	1206x1206 mm	08 105 W	8255 lm 8782 lm			



Code ordering example 1 0 1. 0 8 | 5 5. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 111 QC-C | 600x600 | 35 W | 2778 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 QC-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 QC-C	101.08	55 600x600	606x606 mm	03 35 W	2778 lm 2956 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
				07 70 W	5252 lm 5587 lm			
		56 900x900	906x906 mm	07 70 W	5503 lm 5855 lm			
				08 105 W	8216 lm 8741 lm			
		57 1200x1200	1206x1206 mm	08 105 W	8255 lm 8782 lm			
				09 140 W	10630 lm 11308 lm			



For a more detailed technical specification and the full list of all variations please see page 278-280.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Multiline QC-S / QC-S DI



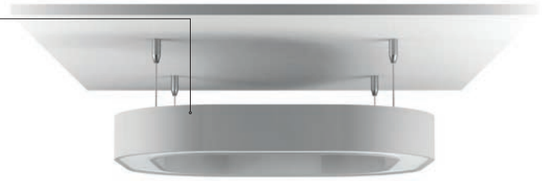
QC-S



QC-S DI



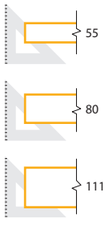
Hängeleuchte mit direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- Diffusor ausgestattet

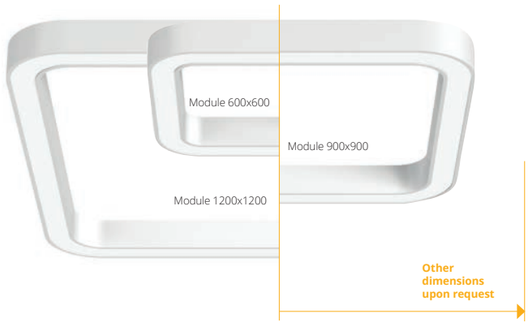


LED | IP40 | dimm | TW | 230 V 50 Hz | F

Aufhängungssystem:
Abdeckung mit Kabel ø 81, 01,135 mm
Halterung für die Seilaufhängung
Seilaufhängungen Standardlänge 1,5 m









Code ordering example 1 3 4. 0 8 | 5 5. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 55 QC-S | 600x600 | 35 W | 2987 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 55 QC-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 55 QC-S	134.08	55 600x600	606x606 mm	03 35 W	2987 lm 3177 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
		56 900x900	906x906 mm	07 70 W	5964 lm 6345 lm			
		57 1200x1200	1206x1206 mm	08 105 W	8947 lm 9518 lm			

[1] not for 600x600, 900x900, 1200x1200



MULTILINE 80 QC-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 QC-S	102.08	55 600x600	606x606 mm	03 35 W	2778 lm 2956 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
				07 70 W	5252 lm 5587 lm			
		56 900x900	906x906 mm	07 70 W	5503 lm 5855 lm			
				08 105 W	8216 lm 8741 lm			
		57 1200x1200	1206x1206 mm	08 105 W	8255 lm 8782 lm			
				09 140 W	10630 lm 11308 lm			



MULTILINE 80 QC-S DI (suspended direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 QC-S DI	114.08	55 600x600	606x606 mm	30 35+20 W	3993 lm 4248 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
		56 900x900	906x906 mm	08 70+35 W	8255 lm 8782 lm			
		57 1200x1200	1206x1206 mm	09 105+35 W	11641 lm 12384 lm			



MULTILINE 111 QC-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 QC-S	100.08	55 600x600	606x606 mm	03 35 W	2778 lm 2956 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
				07 70 W	5252 lm 5587 lm			
		56 900x900	906x906 mm	07 70 W	5503 lm 5855 lm			
				08 105 W	8216 lm 8741 lm			
		57 1200x1200	1206x1206 mm	08 105 W	8255 lm 8782 lm			
				09 140 W	10630 lm 11308 lm			



MULTILINE 111 QC-S DI (suspended direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 QC-S DI	112.08	55 600x600	606x606 mm	30 35+20 W	3993 lm 4248 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
		56 900x900	906x906 mm	08 70+35 W	8255 lm 8782 lm			
		57 1200x1200	1206x1206 mm	09 105+35 W	11641 lm 12384 lm			

For a more detailed technical specification and the full list of all variations please see page 278-280.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Die MULTILINE-QCG-Leuchtengruppe ist mit LED-Strahlern mit verschiedenen Abstrahlwinkeln bestückt, dank derer jetzt noch höhere Raumausleuchtungsniveaus erreicht werden können

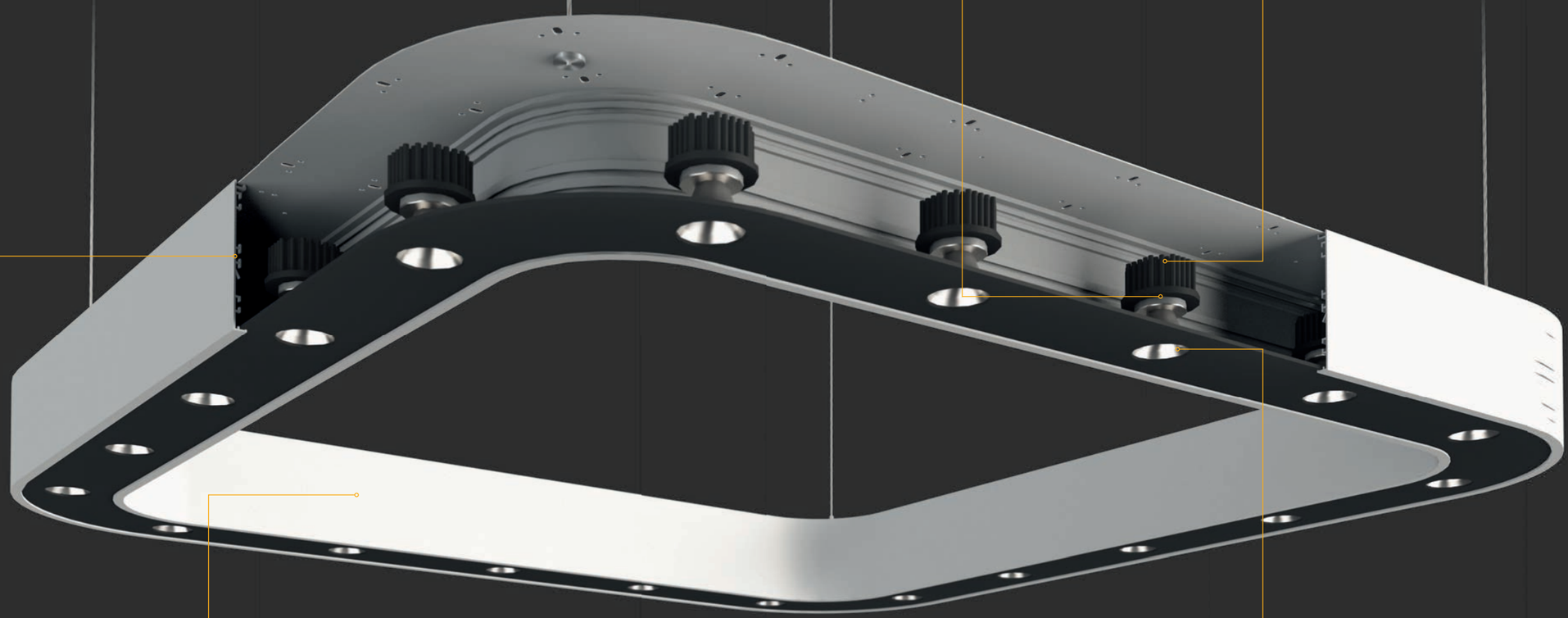
Die Leuchten sind mit LED-Leuchtmitteln in mehreren Leistungsvarianten mit einer Farbtemperatur von 3000 K, 4000 K, einem Farbwiedergabeindex von Ra>80 und einer Farbtoleranz MacAdam3 bestückt

Das ausgeklügelte Wärmemanagement trägt zum hohen Wirkungsgrad des LED-Leuchtmittels bei und sorgt für dessen Kühlung

Die Lichtstromsteuerung erfolgt mit Hilfe eines DALI- und CASAMBI-Systems unter Nutzung von optischen, infraroten und Funkfrequenzgeräten



Das abgehängte System besteht aus einer Halterung für die Seilaufhängungen und den Seilaufhängungen mit einer verstellbaren Länge bis 1,5 m



Anbau- und Einbau-Varianten lassen sich an/in Gipskarton, Holz oder verschiedenen Verbundstoffplatten anbringen

Ein Versteifungselement verlängert die Lebensdauer der Leuchten um ein Vielfaches und sorgt für die Festigkeit aller Verbindungen

MULTILINE QCG-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage





Der optische Teil der Leuchte ist standardmäßig mit 12, 16, oder 20 LED-Strahlern mit einem Abstrahlwinkel von 15° bis 80° bestückt, wodurch die MULTILINE-QCG-Leuchten besonders für die Beleuchtung von Innenräumen mit hohen Decken oder von großflächigen Räumen geeignet sind

Multiline QCG-R



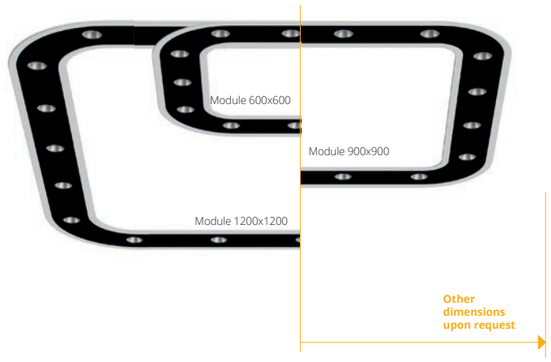
Einbauleuchte mit Rand und direkter Lichtabgabe, ausgestattet mit LED-Strahlern mit einem Abstrahlwinkel von 15° bis 80°





LED | IP20 | dimm | 230 V 50 Hz | F







Code ordering example 3 5 4. 00 | 5 5. | 0 3 | 0 1. | 6 2 | 2 5 (Multiline 111 QCG-R | 600x600 | 12x3 W | 4148 lm | 3000 K Ra80 | 15° | DALI)

MULTILINE 111 QCG-R (recessed)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Beam angle	Driver w
Multiline 111 QCG-R	354.00	55 600x600	616x616 mm	03 12x3 W	4148 lm	01 3000 K | Ra 80	62 15°	00 FIX
					4277 lm	02 4000 K | Ra 80	65 30°	01 ADJUST
				19 12x6 W	8192 lm		66 35° [1]	25 DALI
					8446 lm		**67** 40°	
		56 900x900	916x916 mm	05 16x3 W	5531 lm		71 60° [1]	
					5702 lm		74 75° [1]	
				20 16x6 W	10923 lm		**75** 80°	
					11261lm			
		57 1200x1200	1216x1216 mm	31 20x3 W	6914 lm			
					7128 lm			
				19 20x6 W	13654 lm			
					14076 lm			



[1] only for 6 W

For a more detailed technical specification and the full list of all variations please see page 281.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

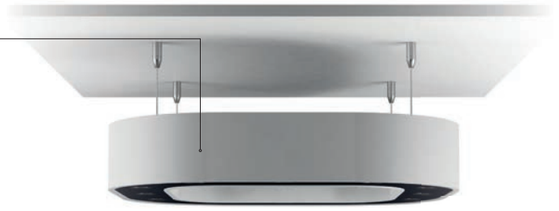


Multiline QCG-S





Hängeleuchte mit direkter Lichtabgabe,
ausgestattet mit LED-Strahlern mit einem
Abstrahlwinkel von 15° bis 80°



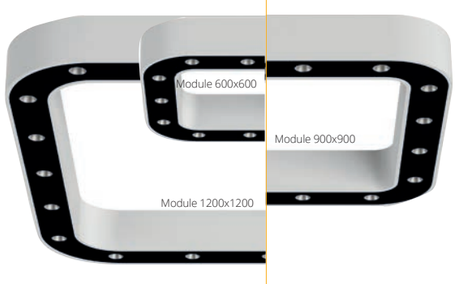
QCG-S





LED | IP20 | dimm | 230 V 50 Hz





Other dimensions upon request

Aufhängungssystem:
Abdeckung mit Kabel ø 81, 01,135 mm
Halterung für die Seilaufhängung
Seilaufhängungen Standardlänge 1,5 m

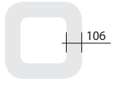




Code ordering example 3 4 1. 0 0 | 5 5. | 0 3 | 0 1. | 6 2 | 2 5 (Multiline 111 QCG-S | 600x600 | 12x3 W | 4148 lm | 3000 K Ra80 | 15° | DALI)

MULTILINE 111 QCG-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Beam angle	Driver w
Multiline 111 QCG-S	341.00	55 600x600	606x606 mm	03 12x3 W	4148 lm 4277 lm	01 3000 K | Ra 80 02 4000 K | Ra 80	62 15° 65 30°	00 FIX 01 ADJUST
				19 12x6 W	8192 lm 8446 lm		66 35° [1] **67** 40°	25 DALI
		56 900x900	906x906 mm	05 16x3 W	5531 lm 5702 lm		71 60° [1] 74 75° [1]	
				20 16x6 W	10923 lm 11261lm		**75** 80°	
		57 1200x1200	1206x1206 mm	31 20x3 W	6914 lm 7128 lm			
				19 20x6 W	13654 lm 14076 lm			



[1] only for 6 W

For a more detailed technical specification and the full list of all variations please see page 281.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

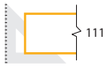


MULTILINE 55 QC	600x600	900x900	1200x1200
value for – direct	35W	70W	105W
value for chip – direct 4000K	6042 lm	11850 lm	17775 lm
suspended	•	•	•
suspended D/I			
ceiling	•	•	•
ceiling D/I			
recessed			
2700 K Ra80	93%	93%	93%
3000 K Ra80	94%	94%	94%
4000 K Ra80	100%	100%	100%
6500 K Ra80	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%
4000 K Ra90	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%
Microprism			
Satine	54%	54%	54%
FIX 3-LPN	•	•	•
FIX EM1 4-LPN+Lun			
FIX EM3 4-LPN+Lun			
ADJUST 3-LPN	65-125%	30-130%	30-130%
ADJUST EM1 4-LPN+Lun			
ADJUST EM3 4-LPN+Lun			
DALI ADJUST 5-LPN+DA	65-125%	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun			
DALI ADJUST EM3 6-LPN+DA+Lun			
0-10V 5-LPN+DIM	•	•	•
DALI TW ADJUST 5-LPN+DA			
DALI TW ADJUST EM1 6-LPN+DA+Lun			
DALI TW ADJUST EM3 6-LPN+DA+Lun			
SWITCH TW ADJUST 6-LPN+LNL			
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun			
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun			



MULTILINE 80 QC	600x600	600x600	900x900	900x900	1200x1200	1200x1200	600x600	900x900	1200x1200
value for – direct	35W	70W	70W	105W	105W	140W	35+20W	70+35W	105+35W
value for chip – direct 4000K	5911 lm	11174 lm	6042 lm	17481 lm	17563 lm	22616 lm	8496 lm	17563 lm	24768 lm
suspended	•	•	•	•	•	•			
suspended D/I							•	•	•
ceiling	•	•	•	•	•	•			
ceiling D/I									
recessed	•	•	•	•	•	•			
2700 K Ra80	93%	93%	93%	93%	93%	93%	93%	93%	93%
3000 K Ra80	94%	94%	94%	94%	94%	94%	94%	94%	94%
4000 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%
6500 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%	81%	81%	81%	81%	81%	81%
4000 K Ra90	84%	84%	84%	84%	84%	84%	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
Microprism									
Satine	50%	50%	50%	50%	50%	50%	50%	50%	50%
FIX 3-LPN	•	•	•	•	•	•	•	•	•
FIX EM1 4-LPN+Lun	•	•	•	•	•	•	•	•	•
FIX EM3 4-LPN+Lun									
ADJUST 3-LPN	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%
ADJUST EM1 4-LPN+Lun	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%
ADJUST EM3 4-LPN+Lun									
DALI ADJUST 5-LPN+DA	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%
DALI ADJUST EM3 6-LPN+DA+Lun									
0-10V 5-LPN+DIM	•	•	•	•	•	•	•	•	•
DALI TW ADJUST 5-LPN+DA	25-75%	25-75%	25-75%	30-130%	30-130%	30-130%	25-75%	25-75%	30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun	25-75%	25-75%	25-75%	30-130%	30-130%	30-130%	25-75%	25-75%	30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun									
SWITCH TW ADJUST 6-LPN+LNL	25-75%	25-75%	25-75%	30-130%	30-130%	30-130%	25-75%	25-75%	30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun	25-75%	25-75%	25-75%	30-130%	30-130%	30-130%	25-75%	25-75%	30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun									

RGB |RGBW | DMX 512 | PWM | CASAMBI | BLL | net4more | ready2mains | ZigBee | Phase Cut | DALI 2 | KNX | Z-wave | connecDIM | basicDIM Wireless | EnOcean – on demand



MULTILINE 111 QC	**600x600**	**600x600**	**900x900**	**900x900**	**1200x1200**	**1200x1200**	**600x600**	**900x900**	**1200x1200**
value for – direct	35W	70W	70W	105W	105W	140W	35+20W	70+35W	105+35W
value for chip – direct 4000K	5911 lm	11174 lm	6042 lm	17481 lm	17563 lm	22616 lm	8496 lm	17563 lm	24768 lm
suspended	•	•	•	•	•	•			
suspended D/I							•	•	•
ceiling	•	•	•	•	•	•			
ceiling D/I									
recessed	•	•	•	•	•	•			
2700 K Ra80	93%	93%	93%	93%	93%	93%	93%	93%	93%
3000 K Ra80	94%	94%	94%	94%	94%	94%	94%	94%	94%
4000 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%
6500 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%	81%	81%	81%	81%	81%	81%
4000 K Ra90	84%	84%	84%	84%	84%	84%	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
Microprism									
Satine	50%	50%	50%	50%	50%	50%	50%	50%	50%
FIX 3-LPN	•	•	•	•	•	•	•	•	•
FIX EM1 4-LPN+Lun	•	•	•	•	•	•	•	•	•
FIX EM3 4-LPN+Lun									
ADJUST 3-LPN	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%
ADJUST EM1 4-LPN+Lun	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%
ADJUST EM3 4-LPN+Lun									
DALI ADJUST 5-LPN+DA	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%
DALI ADJUST EM3 6-LPN+DA+Lun									
0-10V 5-LPN+DIM	•	•	•	•	•	•	•	•	•
DALI TW ADJUST 5-LPN+DA	25-75%	25-75%	25-75%	30-130%	30-130%	30-130%	25-75%	25-75%	30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun	25-75%	25-75%	25-75%	30-130%	30-130%	30-130%	25-75%	25-75%	30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun									
SWITCH TW ADJUST 6-LPN+LNL	25-75%	25-75%	25-75%	30-130%	30-130%	30-130%	25-75%	25-75%	30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun	25-75%	25-75%	25-75%	30-130%	30-130%	30-130%	25-75%	25-75%	30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun									

RGB |RGBW | DMX 512 | PWM | CASAMBI | BLL | net4more | ready2mains | ZigBee | Phase Cut | DALI 2 | KNX | Z-wave | connecDIM | basicDIM Wireless | EnOcean – on demand



MULTILINE 111 QCG	**600x600**	**600x600**	**900x900**	**900x900**	**1200x1200**	**1200x1200**
value for – direct	12x3W	12x6W	16x3W	16x6W	20x3W	20x6W
value for chip – direct 4000K	4752 lm	9384 lm	6336 lm	12512 lm	7920 lm	15640 lm
suspended	•	•	•	•	•	•
suspended D/I						
ceiling						
ceiling D/I						
recessed	•	•	•	•	•	•
trimless						
semirecessed						
2700 K Ra80						
3000 K Ra80						
4000 K Ra80						
6500 K Ra80						
2700-6500 K Ra80						
3000 K Ra90	97%	97%	97%	97%	97%	97%
4000 K Ra90	100%	100%	100%	100%	100%	100%
2700-6500 K Ra90						
15° beam angle	•	•	•	•	•	•
30° beam angle	•	•			•	•
35° beam angle			•	•		
40° beam angle	•	•			•	•
60° beam angle			•	•		
75° beam angle			•	•		
80° beam angle	•	•			•	•
FIX 3-LPN	•	•	•	•	•	•
FIX EM1 4-LPN+Lun						
FIX EM3 4-LPN+Lun						
ADJUST 3-LPN	50-100%	50-100%	50-100%	50-100%	50-100%	50-100%
ADJUST EM1 4-LPN+Lun						
ADJUST EM3 4-LPN+Lun						
DALI ADJUST 5-LPN+DA	50-100%	50-100%	50-100%	50-100%	50-100%	50-100%
DALI ADJUST EM1 6-LPN+DA+Lun						
DALI ADJUST EM3 6-LPN+DA+Lun						
0-10V 5-LPN+DIM						
DALI TW ADJUST 5-LPN+DA						
DALI TW ADJUST EM1 6-LPN+DA+Lun						
DALI TW ADJUST EM3 6-LPN+DA+Lun						
SWITCH TW ADJUST 6-LPN+LNL						
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun						
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun						



Multiline

T

Multiline T

1 Leuchten für die direkte und direkt-indirekte Beleuchtung von Innenräumen in Einbau-, Anbau- und abgehängter Ausführung

2 Geschäftsräume, Hallen, Museen und Kommunikationszonen stellen nur einen Bruchteil von Innenräumen dar, in denen Multiline T Leuchten als Einzelleuchte oder Leuchtengruppe ihre Rolle spielen



RECESSED | CEILING | SUSPENDED | SUSPENDED DI

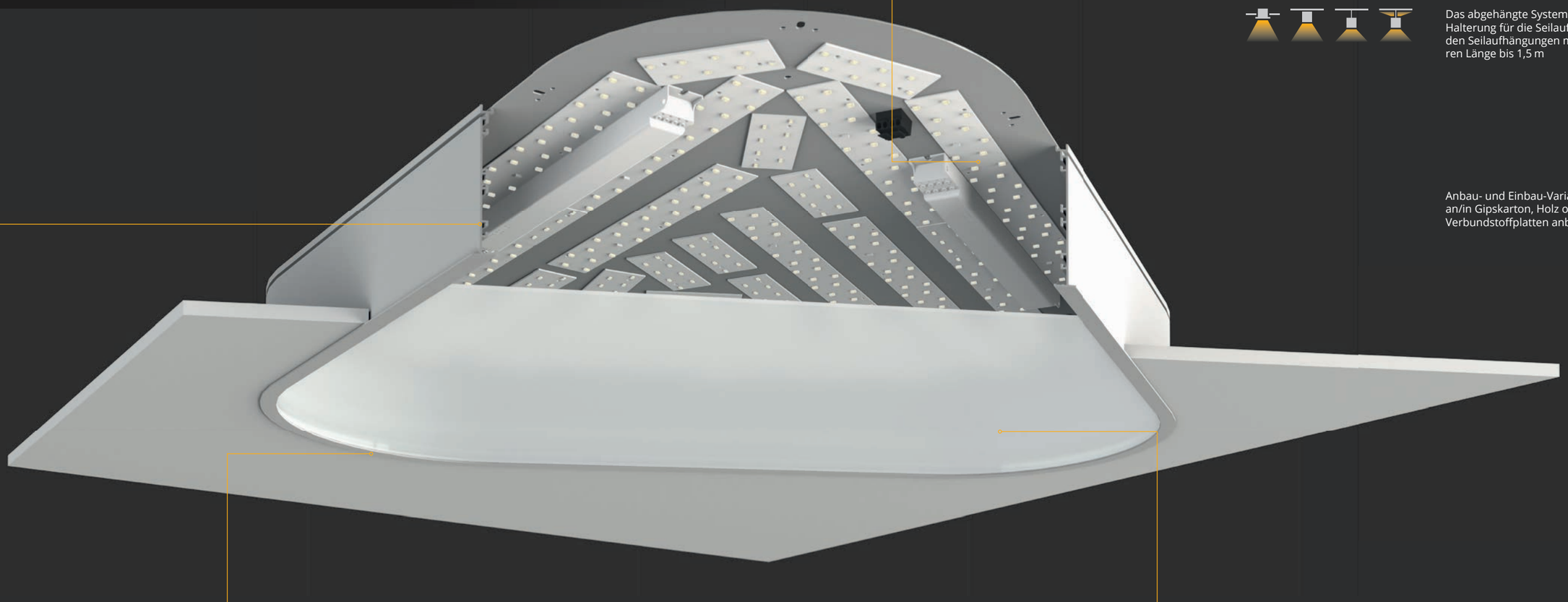
	MULTILINE T-R	MULTILINE T-C	MULTILINE T-S	MULTILINE T-S DI
PROFILE	111	55 / 80 / 111	55 / 80 / 111	80 / 111
DIFFUSER	Satine Microprism	Satine Microprism	Satine Microprism	Satine Microprism
LUMINOUS EFFICIENCY	99 – 140 lm/W	99 – 140 lm/W	99 – 140 lm/W	99 – 140 lm/W
CCT	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K
CRI	≥ 80	≥ 80	≥ 80	≥ 80
CONTROL	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10 DALI TW, SWITCH TW
COLOUR FINISH	RAL 9003, RAL 9010, TIGER SILVER BRILANT, RAL 9006, RAL 7005, RAL 7016, RAL 9005, RAL 7006, RAL 8017, RAL 8019, RAL 1035		RAL 2013, RAL 3001, RAL 3004, RAL 1018, RAL 6021, RAL 6018, RAL 6001, RAL 6028, RAL 6003, RAL 6005, RAL 6022, RAL 6034, RAL 5010	

Die nicht besonders zahlreiche MULTILINE T Leuchtengruppe bietet bereits in der Standardausführung zahlreiche Varianten, deren Anzahl je nach Kundenwunsch unendlich multipliziert werden kann

Die Leuchten sind mit LED-Leuchtmitteln in mehreren Leistungsvarianten mit einer Farbtemperatur von 3000 K, 4000 K, einem Farbwiedergabeindex von Ra>80 und einer Farbtoleranz MacAdam3 bestückt

Die Lichtstromsteuerung erfolgt mit Hilfe eines DALI-, DSI-, PWM-, DMX-, TW-Systems unter Nutzung von optischen, infraroten und Funkfrequenzgeräten

Das ausgeklügelte Wärmemanagement trägt zum hohen Wirkungsgrad des LED-Leuchtmittels bei und sorgt für dessen Kühlung



Das abgehängte System besteht aus einer Halterung für die Seilaufhängungen und den Seilaufhängungen mit einer verstellbaren Länge bis 1,5 m

Anbau- und Einbau-Varianten lassen sich an/in Gipskarton, Holz oder verschiedenen Verbundstoffplatten anbringen

Ein Versteifungselement verlängert die Lebensdauer der Leuchten um ein Vielfaches und sorgt für die Festigkeit aller Verbindungen

MULTILINE T-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage



Der optische Teil der Leuchte ist standardmäßig mit einem SATINE- und MICROPRISM-Diffusor ausgestattet

MICROPRISM Der klare MICROPRISM-Diffusor hat eine mikropyramidale Struktur, die Blendung verhindert

SATINE Der undurchsichtige SATINE-Diffusor erzeugt weiches, diffuses, homogenes Licht, das den Raum optisch vergrößert und diesem somit ein ästhetisches Erscheinungsbild verleiht

Multiline T-R





Code ordering example 1 3 0. 1 1 | 1 4. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 111 T-R | 900 | 70 W | 7129 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 T-R (recessed)

	Product code	Module code	Dimension	Dimension Cut-out	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 T-R	130.11	14 900	916 mm	910 mm	07 70 W	7129 lm	30 3000 K | Ra 80	02 Satine	00 FIX
						7584 lm	40 4000 K | Ra 80		01 ADJUST
					08 105 W	10566 lm			25 DALI
						11240 lm			35 1-10V
		20 1200	1216 mm	1210 mm	08 105 W	10693 lm			32 DALI TW [1]
						11376 lm			44 SWITCH TW [1]
					09 140 W	13401 lm			
						14257 lm			
		14 900	916 mm	910 mm	07 70 W	8688 lm	30 3000 K | Ra 80	03 Microprism	
						9243 lm	40 4000 K | Ra 80		
					08 105 W	12877 lm			
						13699 lm			
		20 1200	1216 mm	1210 mm	08 105 W	13033 lm			
						13865 lm			
					09 140 W	16333 lm			
						17375 lm			

[1] not for 900 70 W, 1200 105 W

For a more detailed technical specification and the full list of all variations please see page 294.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

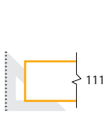
T-R

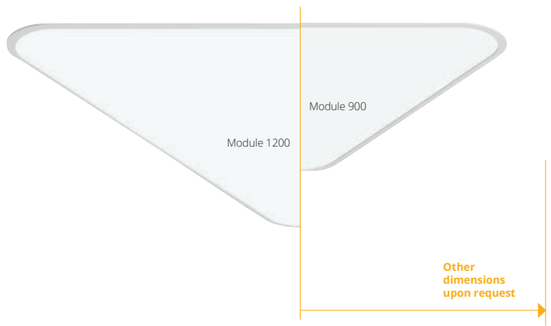
Einbauleuchte mit Rand und mit direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- oder MICROPRISM-Diffusor ausgestattet





LED | IP20 | dimm | TW | 230 V 50 Hz | F







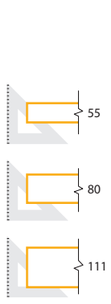
Multiline T-C

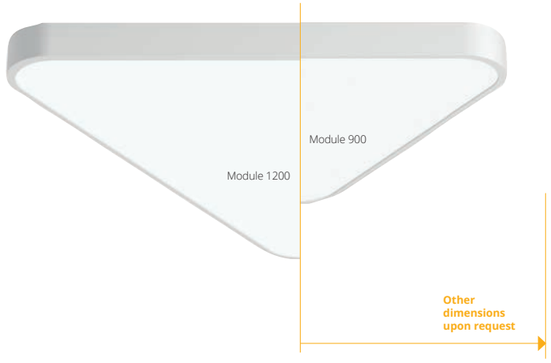


Anbauleuchte mit direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- oder MICROPRISM-Diffusor ausgestattet

T-C

LED | IP20 | dimm | TW | 230 V 50 Hz | F







MULTILINE-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage



Code ordering example 1 3 5. 1 1 | 1 4. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 55 T-C | 900 | 70 W | 8946 lm | 3000 K Ra80 | Satine | ADJUST)



MULTILINE 55 T-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 55 T-C	135.11	14 900	906 mm	07 70 W	8946 lm 9518 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V
		20 1200	1206 mm	08 105 W	13420 lm 14277 lm			
		14 900	906 mm	07 70 W	8615 lm 9165 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	32 DALI TW 44 SWITCH TW
		20 1200	1206 mm	08 105 W	12923 lm 13748 lm			



Code ordering example 1 0 3. 1 1 | 1 4. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 80 T-C | 900 | 70 W | 7129 lm | 3000 K Ra80 | Satine | ADJUST)



MULTILINE 80 T-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 T-C	103.11	14 900	906 mm	07 70 W	7129 lm 7584 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
				08 105 W	10566 lm 11240 lm			
		20 1200	1206 mm	08 105 W	10693 lm 11376 lm			
				09 140 W	13401 lm 14257 lm			
		14 900	906 mm	07 70 W	8688 lm 9243 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				08 105 W	12877 lm 13699 lm			
		20 1200	1206 mm	08 105 W	13033 lm 13865 lm			
				09 140 W	16333 lm 17375 lm			

[1] not for 900 70 W, 1200 105 W



Code ordering example 1 0 1. 1 1 | 1 4. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 111 T-C | 900 | 70 W | 7129 lm | 3000 K Ra80 | Satine | ADJUST)



MULTILINE 111 T-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 T-C	101.11	14 900	906 mm	07 70 W	7129 lm 7584 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
				08 105 W	10566 lm 11240 lm			
		20 1200	1206 mm	08 105 W	10693 lm 11376 lm			
				09 140 W	13401 lm 14257 lm			
		14 900	906 mm	07 70 W	8688 lm 9243 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				08 105 W	12877 lm 13699 lm			
		20 1200	1206 mm	08 105 W	13033 lm 13865 lm			
				09 140 W	16333 lm 17375 lm			

[1] not for 900 70 W, 1200 105 W

For a more detailed technical specification and the full list of all variations please see page 294.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Multiline T-S / T-S DI



Hängeleuchte mit direkter und direkt-indirekter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- oder MICROPRISM-Diffusor ausgestattet



T-S



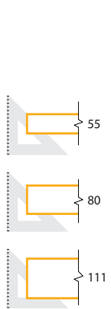
T-S DI

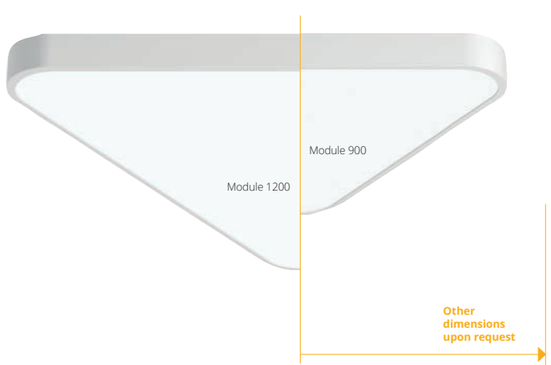


LED | IP40 | dimm | TW | 230 V 50 Hz | F

Aufhängungssystem:
Abdeckung mit Kabel ø 81, 01,135 mm
Halterung für die Seilaufhängung
Seilaufhängungen Standardlänge 1,5 m







55

Code ordering example 1 3 4. 1 1 | 1 4. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 55 T-S | 900 | 70 W | 8946 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 55 T-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 55 T-S	134.11	14 900	906 mm	07 70 W	8946 lm 9518 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
		20 1200	1206 mm	08 105 W	13420 lm 14277 lm			
		14 900	906 mm	07 70 W	8615 lm 9165 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
		20 1200	1206 mm	08 105 W	12923 lm 13748 lm			

80

Code ordering example 1 0 2. 1 1 | 1 4. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 80 T-S | 900 | 70 W | 7129 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 T-S (suspended direct)
MULTILINE 111 T-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 T-S **Multiline 111 T-S**	102.11 100.11	14 900	906 mm	07 70 W	7129 lm 7584 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
				08 105 W	10566 lm 11240 lm			
		20 1200	1206 mm	08 105 W	10693 lm 11376 lm			
				09 140 W	13401 lm 14257 lm			
		14 900	906 mm	07 70 W	8688 lm 9243 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				08 105 W	12877 lm 13699 lm			
		20 1200	1206 mm	08 105 W	13033 lm 13865 lm			
				09 140 W	16333 lm 17375 lm			

[1] not for 900 70 W, 1200 105 W

111

Code ordering example 1 1 4. 1 1 | 1 4. | 0 8 | 3 0. | 0 2 | 0 1 (Multiline 80 T-S DI | 900 | 70+35 W | 13002 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 T-S DI (suspended direct/indirect)
MULTILINE 111 T-S DI (suspended direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 T-S DI **Multiline 111 T-S DI**	114.11 112.11	14 900	906 mm	08 70+35 W	10668 lm 11349 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
				09 105+35 W	13913 lm 14801 lm			
		20 1200	1206 mm	09 105+35 W	13947 lm 14838 lm			
				11 140+70 W	20860 lm 22192 lm			
		14 900	906 mm	08 70+35 W	13002 lm 13832 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				09 105+35 W	16956 lm 18038 lm			
		20 1200	1206 mm	09 105+35 W	16999 lm 18084 lm			
				11 140+70 W	25424 lm 27047 lm			

[1] not for 900 70+35 W, 1200 105+35 W

For a more detailed technical specification and the full list of all variations please see page 294.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.



MULTILINE 55 T	900	1200
value for – direct	70W	105W
value for chip – direct 4000K	11750 lm	17626 lm
suspended	•	•
suspended D/I		
ceiling	•	•
ceiling D/I		
recessed		
trimless		
semirecessed		
floor lamp		
2700 K Ra80	93%	93%
3000 K Ra80	94%	94%
4000 K Ra80	100%	100%
6500 K Ra80	100%	100%
2700-6500 K Ra80	91-100%	91-100%
3000 K Ra90	81%	81%
4000 K Ra90	84%	84%
2700-6500 K Ra90	78-84%	78-84%
Microprism	78%	78%
Satine	81%	81%
FIX 3-LPN	•	•
FIX EM1 4-LPN+Lun	•	•
FIX EM3 4-LPN+Lun		•
driver ADJUST 3-LPN	30-130%	30-130%
driver ADJUST EM1 4-LPN+Lun	30-130%	30-130%
driver ADJUST EM3 4-LPN+Lun	30-130%	30-130%
DALI ADJUST 5-LPN+DA	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun	30-130%	30-130%
DALI ADJUST EM3 6-LPN+DA+Lun	30-130%	30-130%
0-10V 5-LPN+DIM	•	•
DALI TW ADJUST 5-LPN+DA	30-130%	30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun	30-130%	30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun	30-130%	30-130%
SWITCH TW ADJUST 6-LPN+LNL	30-130%	30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun	30-130%	30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun	30-130%	30-130%



MULTILINE 80 T	900	900	1200	1200	900	900	1200	1200
value for – direct	70W	105W	105W	140W	70+35W	105+35W	105+35W	140+70W
value for chip – direct 4000K	11850 lm	18624 lm	17775 lm	22276 lm	17733 lm	23126 lm	23184 lm	34675 lm
suspended	•	•	•	•				
suspended D/I					•	•	•	•
ceiling	•	•	•	•				
ceiling D/I								
recessed								
trimless								
semirecessed								
floor lamp								
2700 K Ra80	93%	93%	93%	93%	93%	93%	93%	93%
3000 K Ra80	94%	94%	94%	94%	94%	94%	94%	94%
4000 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%
6500 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%	81%	81%	81%	81%	81%
4000 K Ra90	84%	84%	84%	84%	84%	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
Microprism	78%	78%	78%	78%	78%	78%	78%	78%
Satine	64%	64%	64%	64%	64%	64%	64%	64%
FIX 3-LPN	•	•	•	•	•	•	•	•
FIX EM1 4-LPN+Lun		•		•		•		•
FIX EM3 4-LPN+Lun		•		•		•		•
ADJUST 3-LPN	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
ADJUST EM1 4-LPN+Lun		30-130%		30-130%		30-130%		30-130%
ADJUST EM3 4-LPN+Lun		30-130%		30-130%		30-130%		30-130%
DALI ADJUST 5-LPN+DA	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun		30-130%		30-130%		30-130%		30-130%
DALI ADJUST EM3 6-LPN+DA+Lun		30-130%		30-130%		30-130%		30-130%
0-10V 5-LPN+DIM	•	•	•	•	•	•	•	•
DALI TW ADJUST 5-LPN+DA		30-130%		30-130%		30-130%		30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun		30-130%		30-130%		30-130%		30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun		30-130%		30-130%		30-130%		30-130%
SWITCH TW ADJUST 6-LPN+LNL		30-130%		30-130%		30-130%		30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun		30-130%		30-130%		30-130%		30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun		30-130%		30-130%		30-130%		30-130%



MULTILINE 111 T	900	900	1200	1200	900	900	1200	1200
value for – direct	70W	105W	105W	140W	70+35W	105+35W	105+35W	140+70W
value for chip – direct 4000K	11850 lm	18624 lm	17775 lm	22276 lm	17733 lm	23126 lm	23184 lm	34675 lm
suspended	•	•	•	•				
suspended D/I					•	•	•	•
ceiling	•	•	•	•				
ceiling D/I								
recessed	•	•	•	•				
trimless								
semirecessed								
floor lamp								
2700 K Ra80	93%	93%	93%	93%	93%	93%	93%	93%
3000 K Ra80	94%	94%	94%	94%	94%	94%	94%	94%
4000 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%
6500 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%	81%	81%	81%	81%	81%
4000 K Ra90	84%	84%	84%	84%	84%	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
Microprism	78%	78%	78%	78%	78%	78%	78%	78%
Satine	64%	64%	64%	64%	64%	64%	64%	64%
FIX 3-LPN	•	•	•	•	•	•	•	•
FIX EM1 4-LPN+Lun		•		•		•		•
FIX EM3 4-LPN+Lun		•		•		•		•
ADJUST 3-LPN	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
ADJUST EM1 4-LPN+Lun		30-130%		30-130%		30-130%		30-130%
ADJUST EM3 4-LPN+Lun		30-130%		30-130%		30-130%		30-130%
DALI ADJUST 5-LPN+DA	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun		30-130%		30-130%		30-130%		30-130%
DALI ADJUST EM3 6-LPN+DA+Lun		30-130%		30-130%		30-130%		30-130%
0-10V 5-LPN+DIM	•	•	•	•	•	•	•	•
DALI TW ADJUST 5-LPN+DA		30-130%		30-130%		30-130%		30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun		30-130%		30-130%		30-130%		30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun		30-130%		30-130%		30-130%		30-130%
SWITCH TW ADJUST 6-LPN+LNL		30-130%		30-130%		30-130%		30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun		30-130%		30-130%		30-130%		30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun		30-130%		30-130%		30-130%		30-130%

RGB |RGBW | DMX 512 | PWM | CASAMBI | BLL | net4more | ready2mains | ZigBee | Phase Cut | DALI 2 | KNX | Z-wave | connecDIM | basicDIM Wireless | EnOcean – on demand



Multiline TC

Multiline TC

1 Einbau-, Anbau- und abgehängte Leuchten mit direkter oder direkt-indirekter Lichtabgabe in Form eines Dreiecks

2 Dank der LED-Leuchtmittel, der Beleuchtungssteuerung sowie der hohen Variabilität sind die Anwendungsmöglichkeiten dieser Leuchten bereits in der Standardausführung fast unbegrenzt



RECESSED | RECESSED | SEMIRECESSED | CEILING | CEILING DI | SUSPENDED | SUSPENDED DI

	MULTILINE TC-R	MULTILINE TCG-R	MULTILINE TC-H	MULTILINE TC-C	MULTILINE TC-S	MULTILINE TCG-S	MULTILINE TC-S DI
PROFILE	111	111	111	55 / 80 / 111	55 / 80 /111	111	80 / 111
DIFFUSER	Satine	–	Satine	Satine	Satine	–	Satine
BEAM ANGLE	–	15°, 30°, 40°, 80°	–	–	–	15°, 30°, 40°, 80°	–
LUMINOUS EFFICIENCY	73 – 124 m/W	110 – 121 lm/W	73 – 124 m/W	73 – 124 m/W	73 – 124 m/W	110 – 121 lm/W	73 – 124 m/W
CCT	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K
CRI	≥ 80	>90	≥ 80	≥ 80	≥ 80	>90	≥ 80
CONTROL	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW
COLOUR FINISH	RAL 9003, RAL 9010, TIGER SILVER BRILANT, RAL 9006, RAL 7005, RAL 7016, RAL 9005, RAL 7006, RAL 8017, RAL 8019, RAL 1035			RAL 2013, RAL 3001, RAL 3004, RAL 1018, RAL 6021, RAL 6018, RAL 6001, RAL 6028, RAL 6003, RAL 6005, RAL 6022, RAL 6034, RAL 5010			

MULTILINE TC ist eine hochvariable Reihe von Leuchten in Form eines Dreiecks mit abgerundeten Ecken, die zur direkten und indirekten Beleuchtung von verschiedenen Arten von kommerziellen Innenräumen und Aufenthaltsbereichen bestimmt sind

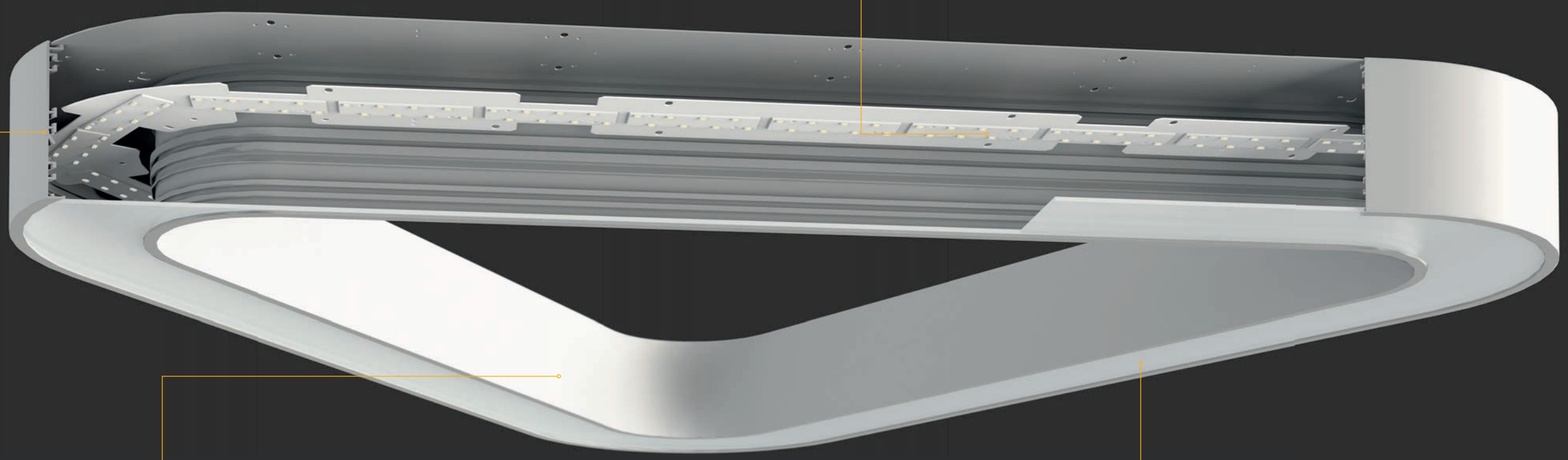
Die Leuchten sind mit LED-Leuchtmitteln in mehreren Leistungsvarianten mit einer Farbtemperatur von 3000 K, 4000 K, einem Farbwiedergabeindex von Ra>80 und einer Farbtoleranz MacAdam3 bestückt

Die Lichtstromsteuerung erfolgt mit Hilfe eines DALI-, DSI-, PWM-, DMX-, TW-Systems unter Nutzung von optischen, infraroten und Funkfrequenzgeräten

Das ausgeklügelte Wärmemanagement trägt zum hohen Wirkungsgrad des LED-Leuchtmittels bei und sorgt für dessen Kühlung



Das abgehängte System besteht aus einer Halterung für die Seilaufhängungen und den Seilaufhängungen mit einer verstellbaren Länge bis 1,5 m



Ein Versteifungselement verlängert die Lebensdauer der Leuchten um ein Vielfaches und sorgt für die Festigkeit aller Verbindungen

MULTILINE TC-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage



Der optische Teil der Leuchte ist standardmäßig mit einem SATINE-Diffusor ausgestattet

SATINE Der undurchsichtige SATINE-Diffusor erzeugt weiches, diffuses, homogenes Licht, das den Raum optisch vergrößert und diesem somit ein ästhetisches Erscheinungsbild verleiht

Multiline TC-R



Code ordering example 1 3 0. 1 2 | 1 4. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 111 TC-R | 900 | 70 W | 5503 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 TC-R (recessed)

	Product code	Module code	Dimension	Dimension Cut-out	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 TC-R	130.12	14 900	916 mm	910 mm	07 70 W	5503 lm 5855 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
					08 105 W	8216 lm 8741 lm			
		20 1200	1216 mm	1210 mm	08 105 W	8255 lm 8782 lm			
					09 140 W	10630 lm 11308 lm			

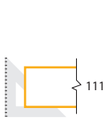
For a more detailed technical specification and the full list of all variations please see page 316.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

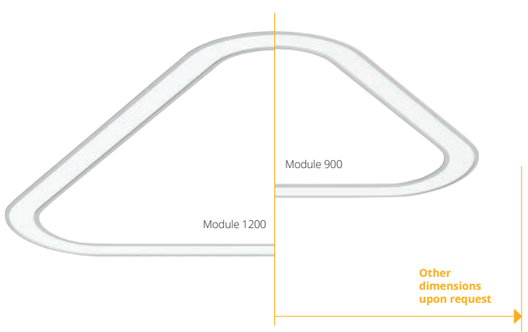
Einbauleuchte mit Rand und direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE-Diffusor ausgestattet





LED | IP20 | dimm | TW | 230 V 50 Hz | F







Multiline TC-H



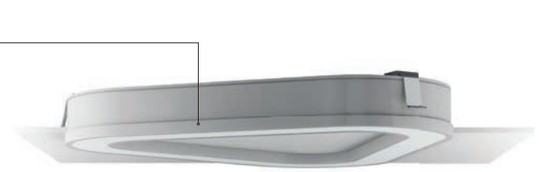


Code ordering example 1 3 2. 1 2 | 1 4. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 111 TC-H | 900 | 70 W | 5503 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 TC-H (semi-recessed)

	Product code	Module code	Dimension	Dimension Cut-out	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 TC-H	132.12	14 900	916 mm	910 mm	07 70 W	5503 lm 5855 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
					08 105 W	8216 lm 8741 lm			
		20 1200	1216 mm	1210 mm	08 105 W	8255 lm 8782 lm			
					09 140 W	10630 lm 11308 lm			

Halbeinbauleuchte mit direkter Lichtabgabe;
der optische Teil ist standardmäßig mit einem
SATINE- Diffusor ausgestattet



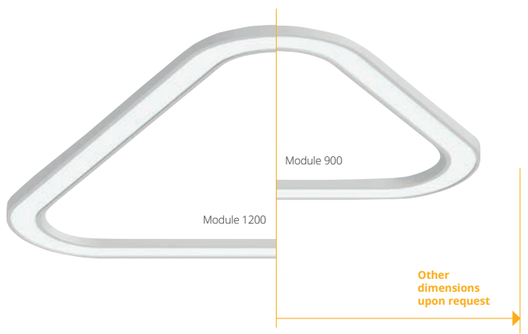


LED | IP20 | dimm | TW | 230 V 50 Hz | F



MULTILINE-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage

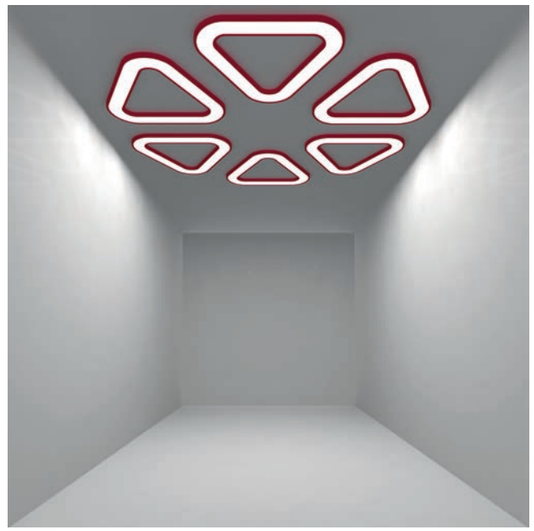




Inspiration







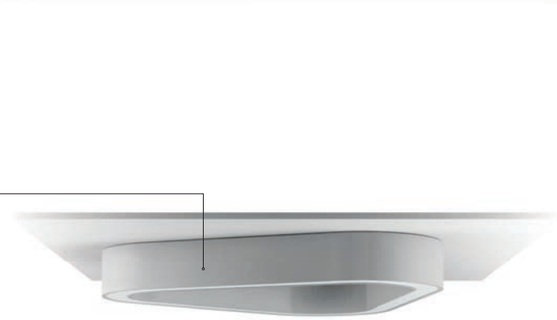
For a more detailed technical specification and the full list of all variations please see page 316.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

DTL Licht GmbH > Hauptstraße 18A > 94551 Rohrstetten > T: +49 9904 811917-5 > info@dtl-licht.de > www.dtl-licht.de

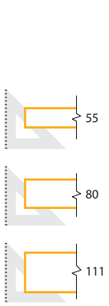
Multiline TC-C

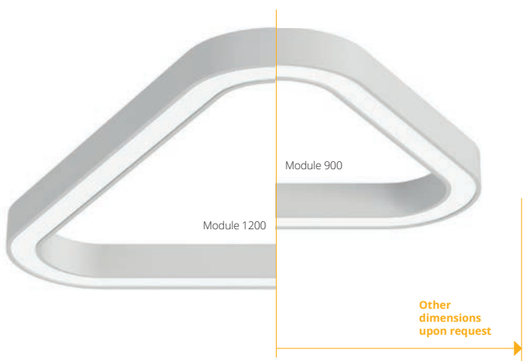


Anbauleuchte mit direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- Diffusor ausgestattet



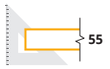
LED | IP20 | dimm | TW | 230 V 50 Hz | F







MULTILINE-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage



Code ordering example 1 3 5. 1 2 | 1 4. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 55 TC-C | 900 | 70 W | 5964 lm | 3000 K Ra80 | Satine | ADJUST)



MULTILINE 55 TC-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 55 TC-C	135.1 2	14 900	906 mm	07 70 W	5964 lm 6345 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW
		20 1200	1206 mm	08 105 W	8947 lm 9518 lm			



Code ordering example 1 0 3. 1 2 | 1 4. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 80 TC-C | 900 | 70 W | 5503 lm | 3000 K Ra80 | Satine | ADJUST)



MULTILINE 80 TC-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 TC-C	103.12	14 900	906 mm	07 70 W	5503 lm 5855 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
		20 1200	1206 mm	08 105 W	8255 lm 8782 lm			





Code ordering example 1 0 1. 1 2 | 1 4. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 111 TC-C | 900 | 70 W | 5503 lm | 3000 K Ra80 | Satine | ADJUST)



MULTILINE 111 TC-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 TC-C	101.12	14 900	906 mm	07 70 W	5503 lm 5855 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
				08 105 W	8216 lm 8741 lm			
		20 1200	1206 mm	08 105 W	8255 lm 8782 lm			
				09 140 W	10630 lm 11308 lm			

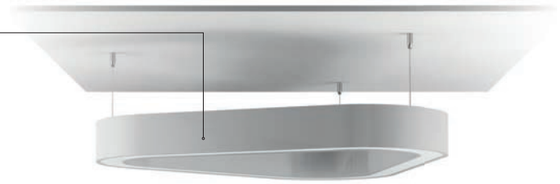


For a more detailed technical specification and the full list of all variations please see page 316.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Multiline TC-S / TC-S DI



Hängeleuchte mit direkter und direkt-indirekter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE-Diffusor ausgestattet



TC-S



TC-S DI

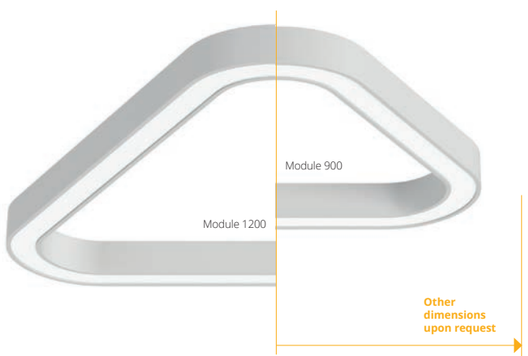


LED | IP40 | dimm | TW | 230 V 50 Hz | F

Aufhängungssystem:
Abdeckung mit Kabel ø 81, 01,135 mm
Halterung für die Seilaufhängung
Seilaufhängungen Standardlänge 1,5 m



55
80
111



55

Code ordering example 1 3 4. 1 2 | 1 4. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 55 TC-S | 900 | 70 W | 5964 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 55 TC-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 55 TC-S	134.1 2	14 900	906 mm	07 70 W	5964 lm 6345 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW
		20 1200	1206 mm	08 105 W	8947 lm 9518 lm			

80

Code ordering example 1 0 2. 1 2 | 1 4. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 80 TC-S | 900 | 70 W | 5503 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 TC-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 TC-S	102.12	14 900	906 mm	07 70 W	5503 lm 5855 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
				08 105 W	8216 lm 8741 lm			
		20 1200	1206 mm	08 105 W	8255 lm 8782 lm			
				09 140 W	10630 lm 11308 lm			

76

MULTILINE 80 TC-S DI (suspended direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 TC-S DI	114.12	14 900	906 mm	08 70+35 W	8335 lm 8867 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V
		20 1200	1206 mm	09 105+35 W	10896 lm 10896 lm			

111

Code ordering example 1 0 0. 1 2 | 1 4. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 111 TC-S | 900 | 70 W | 5503 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 TC-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 TC-S	100.12	14 900	906 mm	07 70 W	5503 lm 5855 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
				08 105 W	8216 lm 8741 lm			
		20 1200	1206 mm	08 105 W	8255 lm 8782 lm			
				09 140 W	10630 lm 11308 lm			

106

MULTILINE 111 TC-S DI (suspended direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 TC-S DI	112.12	14 900	906 mm	08 70+35 W	8335 lm 8867 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
		20 1200	1206 mm	09 105+35 W	10896 lm 11592 lm			

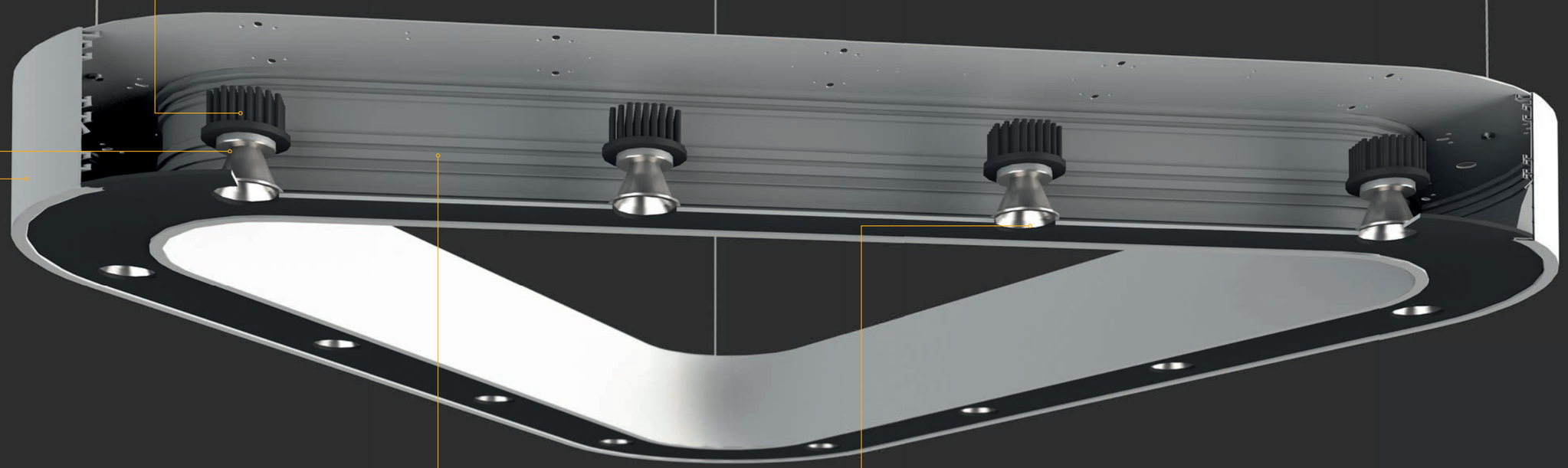
For a more detailed technical specification and the full list of all variations please see page 316.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Die MULTILINE-TCG-Leuchtengruppe ist mit LED-Strahlern mit verschiedenen Abstrahlwinkeln bestückt, dank derer jetzt noch höhere Raumausleuchtungsniveaus erreicht werden können

Die Leuchten sind mit LED-Leuchtmitteln mit einer Farbtemperatur von 3.000 K und 4.000 K, einem Farbwiedergabeindex von Ra >90 und der Farbtoleranz MacAdam3 bestückt

Das ausgeklügelte Wärmemanagement trägt zum hohen Wirkungsgrad des LED-Leuchtmittels bei und sorgt für dessen Kühlung

Die Lichtstromsteuerung erfolgt mit Hilfe eines DALI- und CASAMBI-Systems unter Nutzung von optischen, infraroten und Funkfrequenzgeräten



MULTILINE TCG-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage



Ein Versteifungselement verlängert die Lebensdauer der Leuchten um ein Vielfaches und sorgt für die Festigkeit aller Verbindungen



Der optische Teil der Leuchte ist standardmäßig mit 12 und 15 LED-Strahlern (3 W oder 6 W) mit einem Abstrahlwinkel von 15° bis 80° bestückt, wodurch MULTILINE-TCG-Leuchten optimal für die Beleuchtung von Innenräumen mit hohen Decken oder großflächigen Räumen geeignet sind



Das abgehängte System besteht aus einer Halterung für die Seilaufhängungen und den Seilaufhängungen mit einer verstellbaren Länge bis 1,5 m

Multiline TCG-R



Einbauleuchte mit Rand und direkter Lichtabgabe, ausgestattet mit LED-Strahlern mit einem Abstrahlwinkel von 15° bis 80°



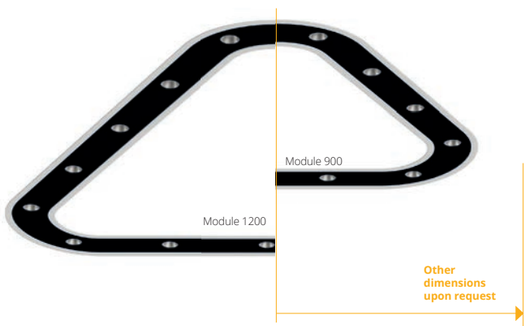
TCG-R

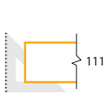




LED | IP20 | dimm | 230 V 50 Hz | F



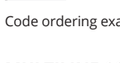




Code ordering example 3 5 5. 00 | 1 4. | 03 | 0 1. | 6 2 | 2 5 (Multiline 111 TCG-R | 900 | 12x3 W | 4148 lm | 3000 K Ra80 | 15° | DALI)

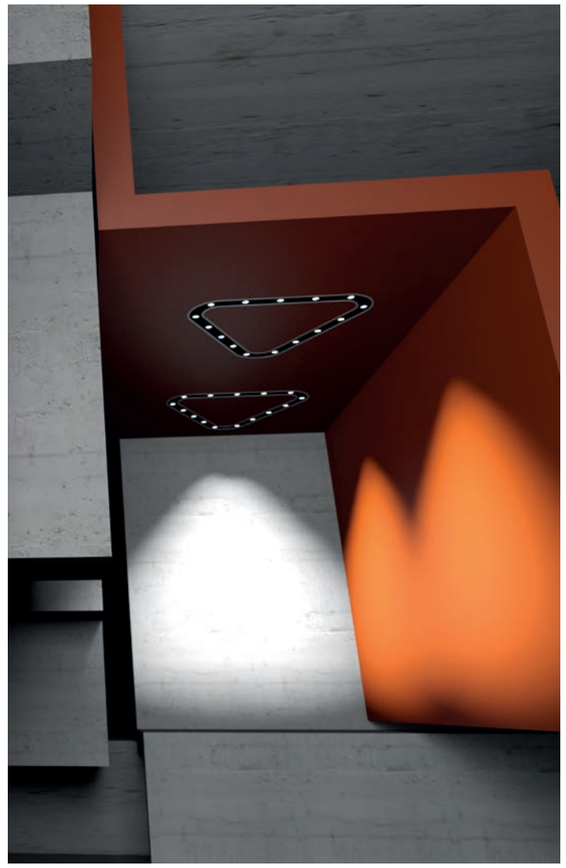
MULTILINE 111 TCG-R (recessed)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Beam angle	Driver w
Multiline 111 TCG-R	355.00	14 900	916 mm	03 12x3 W	4148 lm	01 3000 K | Ra 80	62 15°	00 FIX
					4277 lm	02 4000 K | Ra 80	65 30°	01 ADJUST
				07 12x6 W	8192 lm		66 35° [1]	25 DALI
					8446 lm		**67** 40°	
		20 1200	1216 mm	05 15x3 W	5186 lm		71 60° [1]	
					5346 lm		74 75° [1]	
				20 15x6 W	12696 lm		**75** 80°	
					13089 lm			



[1] only for 6 W

For a more detailed technical specification and the full list of all variations please see page 316.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

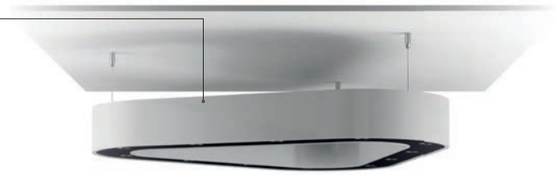


Multiline TCG-S





Hängeleuchte mit direkter Lichtabgabe, ausgestattet mit LED-Strahlern mit einem Abstrahlwinkel von 15° bis 80°



TCG-S



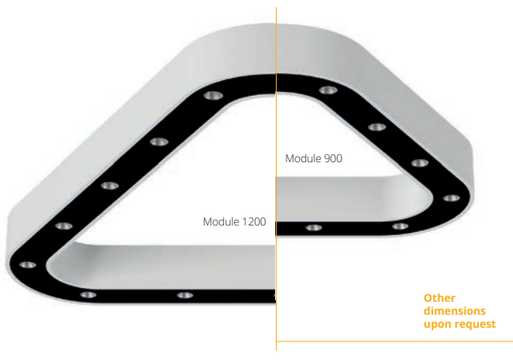


LED | IP20 | dimm | 230 V 50 Hz

Aufhängungssystem:
Abdeckung mit Kabel ø 81, 01,135 mm
Halterung für die Seilaufhängung
Seilaufhängungen Standardlänge 1,5 m









Code ordering example 3 4 3. 00 | 1 4. | 03 | 0 1. | 6 2 | 2 5 (Multiline 111 TCG-S | 900 | 12x3 W | 4148 lm | 3000 K Ra80 | 15° | DALI)

MULTILINE 111 TCG-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Beam angle	Driver
Multiline 111 TCG-S	343.00	14 900	906 mm	03 12x3 W	4148 lm	01 3000 K | Ra 80	62 15°	00 FIX
					4277 lm	02 4000 K | Ra 80	65 30°	01 ADJUST
				07 12x6 W	8192 lm		66 35° [1]	25 DALI
					8446 lm		**67** 40°	
		20 1200	1206 mm	05 15x3 W	5186 lm		71 60° [1]	
					5346 lm		74 75° [1]	
				20 15x6 W	12696 lm		**75** 80°	
					13089 lm			



[1] only for 6 W

For a more detailed technical specification and the full list of all variations please see page 316.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.



MULTILINE 55 TC	900	1200
value for – direct	70W	105W
value for chip – direct 4000K	11750 lm	17626 lm
suspended	•	•
suspended D/I		
ceiling	•	•
ceiling D/I		
recessed		
trimless		
semirecessed		
floor lamp		
2700 K Ra80	93%	93%
3000 K Ra80	94%	94%
4000 K Ra80	100%	100%
6500 K Ra80	100%	100%
2700-6500 K Ra80	91-100%	91-100%
3000 K Ra90	81%	81%
4000 K Ra90	84%	84%
2700-6500 K Ra90	78-84%	78-84%
Microprism	78%	78%
Satine	81%	81%
FIX 3-LPN	•	•
FIX EM1 4-LPN+Lun	•	•
FIX EM3 4-LPN+Lun		•
driver ADJUST 3-LPN	30-130%	30-130%
driver ADJUST EM1 4-LPN+Lun	30-130%	30-130%
driver ADJUST EM3 4-LPN+Lun	30-130%	30-130%
DALI ADJUST 5-LPN+DA	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun	30-130%	30-130%
DALI ADJUST EM3 6-LPN+DA+Lun	30-130%	30-130%
0-10V 5-LPN+DIM	•	•
DALI TW ADJUST 5-LPN+DA	30-130%	30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun	30-130%	30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun	30-130%	30-130%
SWITCH TW ADJUST 6-LPN+LNL	30-130%	30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun	30-130%	30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun	30-130%	30-130%



MULTILINE 80 TC	900	900	1200	1200	900	1200
value for – direct	70W	105W	105W	140W	70+35W	105+35W
value for chip – direct 4000K	11709 lm	17481 lm	17563 lm	22616 lm	17733 lm	23184 lm
suspended	•	•	•	•		
suspended D/I					•	•
ceiling	•	•	•	•		
ceiling D/I						
recessed	•	•	•	•		
trimless						
semirecessed						
floor lamp						
2700 K Ra80	93%	93%	93%	93%	93%	93%
3000 K Ra80	94%	94%	94%	94%	94%	94%
4000 K Ra80	100%	100%	100%	100%	100%	100%
6500 K Ra80	100%	100%	100%	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%	81%	81%	81%
4000 K Ra90	84%	84%	84%	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
Microprism						
Satine	50%	50%	50%	50%	50%	50%
FIX 3-LPN	•	•	•	•	•	•
FIX EM1 4-LPN+Lun	•	•	•	•	•	•
FIX EM3 4-LPN+Lun						
ADJUST 3-LPN	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
ADJUST EM1 4-LPN+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
ADJUST EM3 4-LPN+Lun						
DALI ADJUST 5-LPN+DA	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI ADJUST EM3 6-LPN+DA+Lun						
0-10V 5-LPN+DIM	•	•	•	•	•	•
DALI TW ADJUST 5-LPN+DA	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun						
SWITCH TW ADJUST 6-LPN+LNL	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun						



MULTILINE 111 TC	900	900	1200	1200	900	1200
value for – direct	70W	105W	105W	140W	70+35W	105+35W
value for chip – direct 4000K	11709 lm	17481 lm	17563 lm	22616 lm	17733 lm	23184 lm
suspended	•	•	•	•		
suspended D/I					•	•
ceiling	•	•	•	•		
ceiling D/I						
recessed	•	•	•	•		
trimless						
semirecessed						
floor lamp						
2700 K Ra80	93%	93%	93%	93%	93%	93%
3000 K Ra80	94%	94%	94%	94%	94%	94%
4000 K Ra80	100%	100%	100%	100%	100%	100%
6500 K Ra80	100%	100%	100%	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%	81%	81%	81%
4000 K Ra90	84%	84%	84%	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
Microprism						
Satine	50%	50%	50%	50%	50%	50%
FIX 3-LPN	•	•	•	•	•	•
FIX EM1 4-LPN+Lun	•	•	•	•	•	•
FIX EM3 4-LPN+Lun						
ADJUST 3-LPN	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
ADJUST EM1 4-LPN+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
ADJUST EM3 4-LPN+Lun						
DALI ADJUST 5-LPN+DA	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI ADJUST EM3 6-LPN+DA+Lun						
0-10V 5-LPN+DIM	•	•	•	•	•	•
DALI TW ADJUST 5-LPN+DA	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun						
SWITCH TW ADJUST 6-LPN+LNL	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun						

MULTILINE 111 TCG	900	900	1200	1200
value for – direct	12x3W	12x6W	16x3W	16x6W
value for chip – direct 4000K	4752 lm	9384 lm	6336 lm	15512 lm
suspended	•	•	•	•
suspended D/I				
ceiling				
ceiling D/I				
recessed	•	•	•	•
trimless				
semirecessed				
floor lamp				
2700 K Ra80				
3000 K Ra80				
4000 K Ra80				
6500 K Ra80				
2700-6500 K Ra80				
3000 K Ra90	97%	97%	97%	97%
4000 K Ra90	100%	100%	100%	100%
2700-6500 K Ra90				
15° beam angle	•	•	•	•
30° beam angle	•	•		
35° beam angle			•	•
40° beam angle	•	•		
60° beam angle			•	•
75° beam angle			•	•
80° beam angle	•	•		
FIX 3-LPN	•	•	•	•
FIX EM1 4-LPN+Lun				
FIX EM3 4-LPN+Lun				
ADJUST 3-LPN	50-100%	50-100%	50-100%	50-100%
ADJUST EM1 4-LPN+Lun				
ADJUST EM3 4-LPN+Lun				
DALI ADJUST 5-LPN+DA	50-100%	50-100%	50-100%	50-100%
DALI ADJUST EM1 6-LPN+DA+Lun				
DALI ADJUST EM3 6-LPN+DA+Lun				

RGB |RGBW | DMX 512 | PWM | CASAMBI | BLL | net4more | ready2mains | ZigBee | Phase Cut | DALI 2 | KNX | Z-wave | connecDIM | basicDIM Wireless | EnOcean – on demand



Multiline

E EC

Multiline E EC

1 Eine Gruppe von Einbau-, Anbau- und abgehängten Leuchten zur direkten und direkt-indirekten Beleuchtung von Innenräumen

2 Vollwertiges Beleuchtungs-element für verschiedene Arten von kommerziellen Innenräumen und Aufent-haltsbereichen, das bereits in der Standardausführung ein hohes Maß an Variabilität bietet



CEILING | CEILING | SUSPENDED | SUSPENDED | SUSPENDED DI | SUSPENDED DI

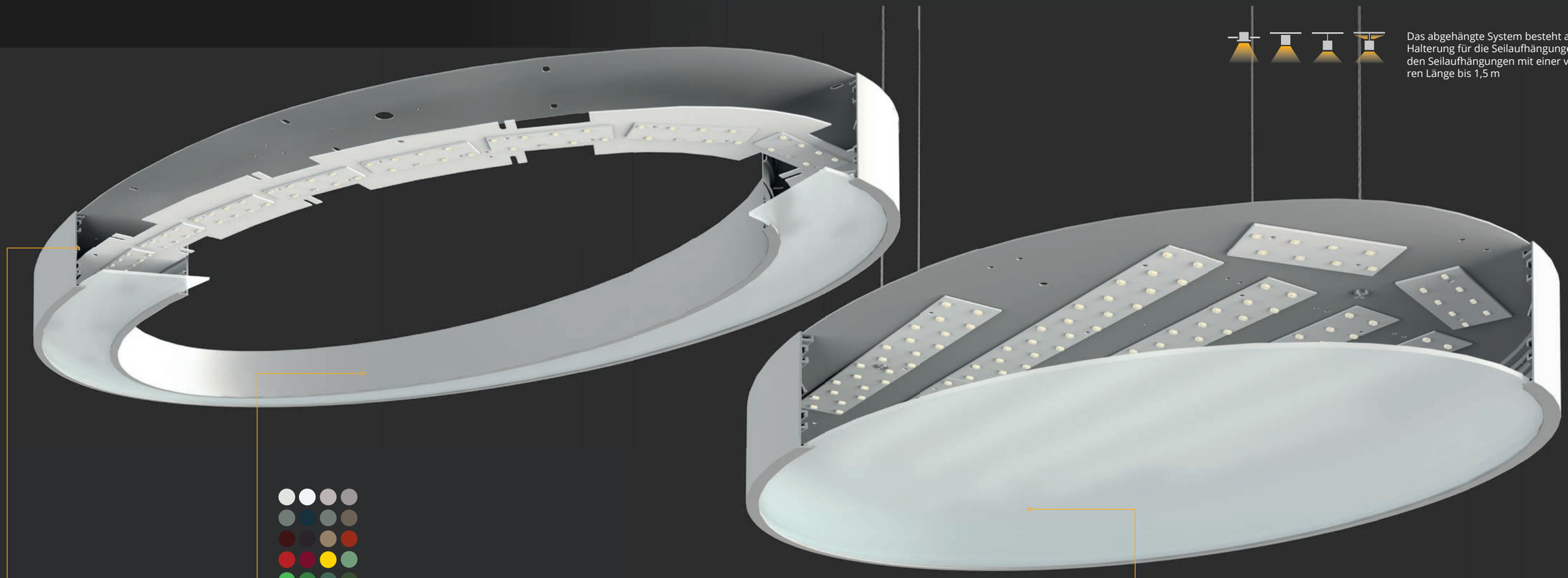
	MULTILINE E-C	MULTILINE EC-C	MULTILINE E-S	MULTILINE EC-S	MULTILINE E-S DI	MULTILINE EC-S DI
PROFILE	80 / 111	80 / 111	80 / 111	80 / 111	80 /111	80 / 111
DIFFUSER	Satine Microprism	Satine Microprism	Satine Microprism	Satine Microprism	Satine Microprism	Satine Microprism
LUMINOUS EFFICIENCY	73 – 124 m/W	73 – 124 m/W	73 – 124 m/W	73 – 124 m/W	73 – 124 m/W	73 – 124 m/W
CCT	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K
CRI	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80
CONTROL	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW
COLOUR FINISH	RAL 9003, RAL 9010, TIGER SILVER BRILANT, RAL 9006, RAL 7005, RAL 7016, RAL 9005, RAL 7006, RAL 8017, RAL 8019, RAL 1035			RAL 2013, RAL 3001, RAL 3004, RAL 1018, RAL 6021, RAL 6018, RAL 6001, RAL 6028, RAL 6003, RAL 6005, RAL 6022, RAL 6034, RAL 5010		

MULTILINE E und EC sind hochvariable und kombinierbare Leuchten in Form einer Ellipse, die zur vollwertigen Beleuchtung von verschiedenartigen Innenräumen geeignet sind

Die Leuchten sind mit LED-Leuchtmitteln in mehreren Leistungsvarianten mit einer Farbtemperatur von 3000 K, 4000 K, einem Farbwiedergabeindex von Ra>80 und einer Farbtoleranz MacAdam3 bestückt

Die Lichtstromsteuerung erfolgt mit Hilfe eines DALI-, DSI-, PWM-, DMX-, TW-Systems unter Nutzung von optischen, infraroten und Funkfrequenzgeräten

Das ausgeklügelte Wärmemanagement trägt zum hohen Wirkungsgrad des LED-Leuchtmittels bei und sorgt für dessen Kühlung



Das abgehängte System besteht aus einer Halterung für die Seilaufhängungen und den Seilaufhängungen mit einer verstellbaren Länge bis 1,5 m

Ein Versteifungselement verlängert die Lebensdauer der Leuchten um ein Vielfaches und sorgt für die Festigkeit aller Verbindungen



MULTILINE E a EC-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage

Anbau- und Einbau-Varianten lassen sich an/in Gipskarton, Holz oder verschiedenen Verbundstoffplatten anbringen

Der optische Teil der Leuchte ist standardmäßig mit einem SATINE- und MICROPRISM-Diffusor ausgestattet

MICROPRISM Der klare MICROPRISM-Diffusor hat eine mikropyramidale Struktur, die Blendung verhindert

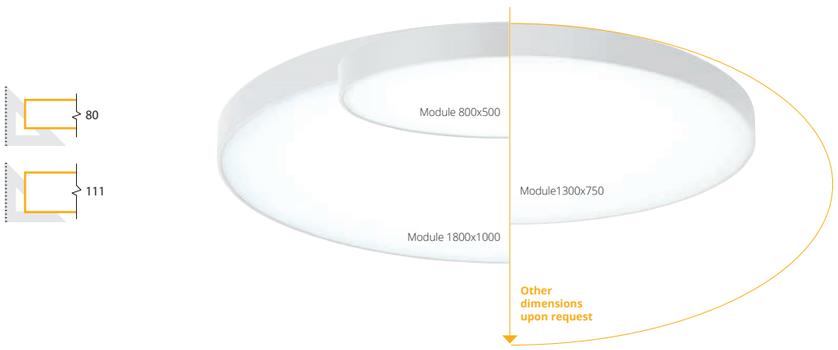
SATINE Der undurchsichtige SATINE-Diffusor erzeugt weiches, diffuses, homogenes Licht, das den Raum optisch vergrößert und diesem somit ein ästhetisches Erscheinungsbild verleiht

Multiline E-C



Anbauleuchte mit direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- oder MICROPRISM-Diffusor ausgestattet

LED | IP20 | dimm | TW | 230 V 50 Hz | F





MULTILINE-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage



Code ordering example 1 0 3. 1 5 | 5 8. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 80 E-C | 800x500 | 70 W | 7129 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 E-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 E-C	103.15	58 800x500	806x506 mm	07 70 W	7129 lm 7584 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
				08 105 W	10566 lm 11240 lm			
		59 1300x750	1306x756 mm	08 105 W	10693 lm 11376 lm			
				09 140 W	13401 lm 14257 lm			
		60 1800x1000	1806x1006 mm	09 140 W	14258 lm 15168 lm			
				11 210 W	21162 lm 22513 lm			
		58 800x500	806x506 mm	07 70 W	8688 lm 9243 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				08 105 W	12877 lm 13699 lm			
		59 1300x750	1306x756 mm	08 105 W	13033 lm 13865 lm			
				09 140 W	16333 lm 17375 lm			
		60 1800x1000	1806x1006 mm	09 140 W	17377 lm 18486 lm			
				11 210 W	25791lm 27437 lm			



Code ordering example 1 0 1. 1 5 | 5 8. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 111 E-C | 800x500 | 70 W | 7129 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 E-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 E-C	101.15	58 800x500	806x506 mm	07 70 W	7129 lm 7584 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
				08 105 W	10566 lm 11240 lm			
		59 1300x750	1306x756 mm	08 105 W	10693 lm 11376 lm			
				09 140 W	13401 lm 14257 lm			
		60 1800x1000	1806x1006 mm	09 140 W	14258 lm 15168 lm			
				11 210 W	21162 lm 22513 lm			
		58 800x500	806x506 mm	07 70 W	8688 lm 9243 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				08 105 W	12877 lm 13699 lm			
		59 1300x750	1306x756 mm	08 105 W	13033 lm 13865 lm			
				09 140 W	16333 lm 17375 lm			
		60 1800x1000	1806x1006 mm	09 140 W	17377 lm 18486 lm			
				11 210 W	25791lm 27437 lm			

For a more detailed technical specification and the full list of all variations please see page 334.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

DTL Licht GmbH > Hauptstraße 18A > 94551 Rohrstetten > T: +49 9904 811917-5 > info@dtl-licht.de > www.dtl-licht.de

Multiline E-S / E-S DI



Hängeleuchte mit direkter und direkt-indirekter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- oder MICROPRISM-Diffusor ausgestattet

E-S



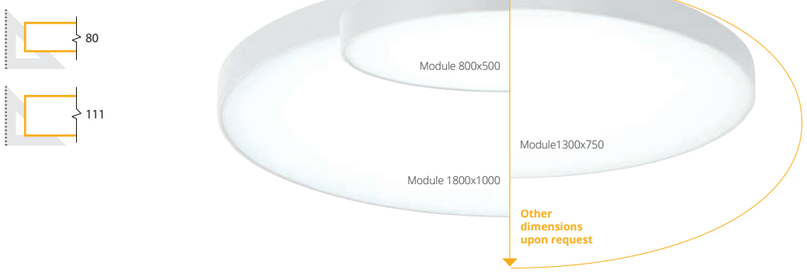
E-S DI

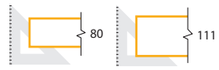


LED | IP40 | dimm | TW | 230 V 50 Hz | F

Aufhängungssystem:
Abdeckung mit Kabel ø 81, 01,135 mm
Halterung für die Seilaufhängung
Seilaufhängungen Standardlänge 1,5 m







Code ordering example 1 0 2. 1 5 | 5 8. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 80 E-S | 800x500 | 70 W | 7129 lm | 3000 K Ra80 | Satine | ADJUST)
Code ordering example 1 0 0. 1 5 | 5 8. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 111 E-S | 800x500 | 70 W | 7129 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 E-S (suspended direct)
MULTILINE 111 E-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 E-S **Multiline 111 E-S**	102.15 100.15	58 800x500	806x506 mm	07 70 W	7129 lm 7584 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
				08 105 W	10566 lm 11240 lm			
		59 1300x750	1306x756 mm	08 105 W	10693 lm 11376 lm			
				09 140 W	13401 lm 14257 lm			
		60 1800x1000	1806x1006 mm	09 140 W	14258 lm 15168 lm			
				11 210 W	21162 lm 22513 lm			
		58 800x500	806x506 mm	07 70 W	8688 lm 9243 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				08 105 W	12877 lm 13699 lm			
		59 1300x750	1306x756 mm	08 105 W	13033 lm 13865 lm			
				09 140 W	16333 lm 17375 lm			
		60 1800x1000	1806x1006 mm	09 140 W	17377 lm 18486 lm			
				11 210 W	25791lm 27437 lm			

Code ordering example 1 1 4. 1 5 | 5 8. | 0 8 | 3 0. | 0 2 | 0 1 (Multiline 111 E-S DI | 800x500 | 70+35 W | 10668 lm | 3000 K Ra80 | Satine | ADJUST)
Code ordering example 1 1 2. 1 5 | 5 8. | 0 8 | 3 0. | 0 2 | 0 1 (Multiline 111 E-S DI | 800x500 | 70+35 W | 10668 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 E-S DI (suspended direct/indirect)
MULTILINE 111 E-S DI (suspended direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 E-S DI **Multiline 111 E-S DI**	114.15 112.15	58 800x500	806x506 mm	08 70+35 W	10668 lm 11349 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
				09 105+35 W	14900 lm 15852 lm			
		59 1300x750	1306x756 mm	09 105+35 W	13947 lm 14838 lm			
				11 140+70 W	20860 lm 22192 lm			
		60 1800x1000	1806x1006 mm	11 140+70 W	21387 lm 22753 lm			
				13 210+105 W	31698 lm 33721 lm			
		58 800x500	806x506 mm	08 70+35 W	13002 lm 13832 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				09 105+35 W	18160 lm 19319 lm			
		59 1300x750	1306x756 mm	09 105+35 W	16999 lm 18084 lm			
				11 140+70 W	25424 lm 27047 lm			
		60 1800x1000	1806x1006 mm	11 140+70 W	26066 lm 27730 lm			
				13 210+105 W	38632 lm 41097 lm			

For a more detailed technical specification and the full list of all variations please see page 334.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.



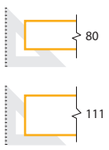
Multiline EC-C

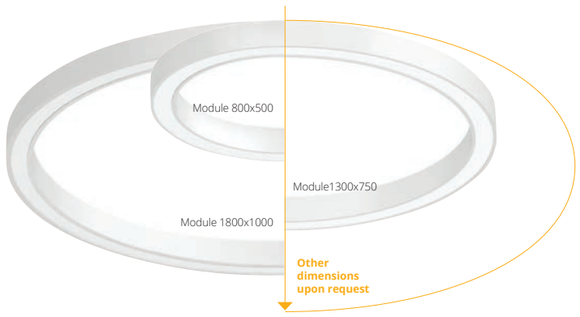


Anbauleuchte mit direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- Diffusor ausgestattet

EC-C

LED | IP20 | dimm | TW | 230 V 50 Hz | F







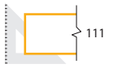
MULTILINE-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage



Code ordering example 1 0 3. 1 6 | 5 8. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 80 EC-C | 800x500 | 70 W | 5503 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 EC-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 EC-C	103.16	58 800x500	806x506 mm	07 70 W	5503 lm 5855 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
		59 1300x750	1306x756 mm	08 105 W	8255 lm 8782 lm			
		60 1800x1000	1806x1006 mm	09 140 W	10865 lm 11559 lm			



Code ordering example 1 0 1. 1 6 | 5 8. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 111 EC-C | 800x500 | 70 W | 5503 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 EC-C (ceiling direct)

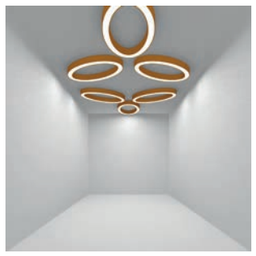
	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 EC-C	101.16	58 800x500	806x506 mm	07 70 W	5503 lm 5855 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
				08 105 W	8216 lm 8741lm			
		59 1300x750	1306x756 mm	08 105 W	8255 lm 8782 lm			
				09 140 W	10630 lm 11308 lm			
		60 1800x1000	1806x1006 mm	09 140 W	10865 lm 11559 lm			
				11 210 W	16669 lm 17733 lm			

[1] not for 800x500 105W, 1300x750 140W, 1800x1000 210W

Inspiration





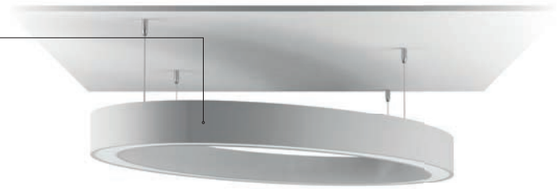


For a more detailed technical specification and the full list of all variations please see page 336.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Multiline EC-S / EC-S DI



Hängeleuchte mit direkter und direkt-indirekter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE-Diffusor ausgestattet



EC-S



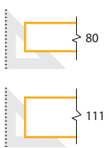
EC-S DI

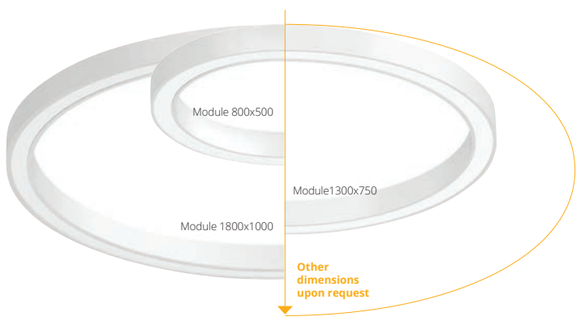


LED | IP40 | dimm | TW | 230 V 50 Hz | F

Aufhängungssystem:
Abdeckung mit Kabel ø 81, 01,135 mm
Halterung für die Seilaufhängung
Seilaufhängungen Standardlänge 1,5 m









Code ordering example 1 0 2. 1 6 | 5 8. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 80 EC-S | 800x500 | 70 W | 5503 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 EC-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 EC-S	102.16	58 800x500	806x506 mm	07 70 W	5503 lm 5855 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
				08 105 W	8216 lm 8741lm			
		59 1300x750	1306x756 mm	08 105 W	8255 lm 8782 lm			
				09 140 W	10630 lm 11308 lm			
		60 1800x1000	1806x1006 mm	09 140 W	10865 lm 11559 lm			
				11 210 W	16669 lm 17733 lm			



Code ordering example 1 1 4. 1 6 | 5 8. | 3 0 | 3 0. | 0 2 | 0 1 (Multiline 80 EC-S DI | 800x500 | 35+20 W | 4151 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 EC-S DI (suspended direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 EC-S DI	114.16	58 800x500	806x506 mm	30 35+20 W	4151 lm 4416 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
		59 1300x750	1306x756 mm	08 70+35 W	8194 lm 8718 lm			
		60 1800x1000	1806x1006 mm	09 105+35 W	11694 lm 12441 lm			



Code ordering example 1 0 0. 1 6 | 5 8. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 111 EC-S | 800x500 | 70 W | 5503 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 EC-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 EC-S	100.16	58 800x500	806x506 mm	07 70 W	5503 lm 5855 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
				08 105 W	8216 lm 8741lm			
		59 1300x750	1306x756 mm	08 105 W	8255 lm 8782 lm			
				09 140 W	10630 lm 11308 lm			
		60 1800x1000	1806x1006 mm	09 140 W	10865 lm 11559 lm			
				11 210 W	16669 lm 17733 lm			



Code ordering example 1 1 2. 1 6 | 5 8. | 3 0 | 3 0. | 0 2 | 0 1 (Multiline 111 EC-S DI | 800x500 | 35+20 W | 4151 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 EC-S DI (suspended direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 EC-S DI	112.16	58 800x500	806x506 mm	30 35+20 W	4151 lm 4416 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
		59 1300x750	306x756 mm	08 70+35 W	8194 lm 8718 lm			
		60 1800x1000	1806x1006 mm	09 105+35 W	11694 lm 12441 lm			



For a more detailed technical specification and the full list of all variations please see page 336.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.



MULTILINE 80 E	800x500	800x500	1300x750	1300x750	1800x1000	1800x1000	800x500	800x500	1300x750	1300x750	1800x1000	1800x1000
value for – direct	70W	105W	105W	140W	140W	210W	70+35W	105+35W	105+35W	140+70W	140+70W	210+105W
value for chip – direct 4000K	11850 lm	17563 lm	17775 lm	22276 lm	23700 lm	35126 lm	17733 lm	24768 lm	23184 lm	34675 lm	35551 lm	52689 lm
suspended	•	•	•	•	•	•						
suspended D/I							•	•	•	•	•	•
ceiling	•	•	•	•	•	•						
ceiling D/I												
recessed												
trimless												
semirecessed												
2700 K Ra80	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%
3000 K Ra80	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
4000 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
6500 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%
4000 K Ra90	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
Microprism	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%
Satine	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%
FIX 3-LPN	•	•	•	•	•	•	•	•	•	•	•	•
FIX EM1 4-LPN+Lun	•	•	•	•	•	•	•	•	•	•	•	•
FIX EM3 4-LPN+Lun	•	•	•	•	•	•	•	•	•	•	•	•
ADJUST 3-LPN	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%
ADJUST EM1 4-LPN+Lun	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%
ADJUST EM3 4-LPN+Lun	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%
DALI ADJUST 5-LPN+DA	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%
DALI ADJUST EM1 6-LPN+DA+Lun	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%
DALI ADJUST EM3 6-LPN+DA+Lun	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%
0-10V 5-LPN+DIM	•	•	•	•	•	•	•	•	•	•	•	•
DALI TW ADJUST 5-LPN+DA	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
SWITCH TW ADJUST 6-LPN+LNL	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%

RGB |RGBW | DMX 512 | PWM | CASAMBI | BLL | net4more | ready2mains | ZigBee | Phase Cut | DALI 2 | KNX | Z-wave | connecDIM | basicDIM Wireless | EnOcean – on demand



MULTILINE 111 E	800x500	800x500	1300x750	1300x750	1800x1000	1800x1000	800x500	800x500	1300x750	1300x750	1800x1000	1800x1000
value for – direct	70W	105W	105W	140W	140W	210W	70+35W	105+35W	105+35W	140+70W	140+70W	210+105W
value for chip – direct 4000K	11850 lm	17563 lm	17775 lm	22276 lm	23700 lm	35126 lm	17733 lm	24768 lm	23184 lm	34675 lm	35551 lm	52689 lm
suspended	•	•	•	•	•	•						
suspended D/I							•	•	•	•	•	•
ceiling	•	•	•	•	•	•						
ceiling D/I												
recessed												
trimless												
semirecessed												
2700 K Ra80	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%
3000 K Ra80	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
4000 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
6500 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%
4000 K Ra90	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
Microprism	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%
Satine	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%
FIX 3-LPN	•	•	•	•	•	•	•	•	•	•	•	•
FIX EM1 4-LPN+Lun	•	•	•	•	•	•	•	•	•	•	•	•
FIX EM3 4-LPN+Lun	•	•	•	•	•	•	•	•	•	•	•	•
ADJUST 3-LPN	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%
ADJUST EM1 4-LPN+Lun	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%
ADJUST EM3 4-LPN+Lun	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%
DALI ADJUST 5-LPN+DA	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%
DALI ADJUST EM1 6-LPN+DA+Lun	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%
DALI ADJUST EM3 6-LPN+DA+Lun	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%
0-10V 5-LPN+DIM	•	•	•	•	•	•	•	•	•	•	•	•
DALI TW ADJUST 5-LPN+DA	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
SWITCH TW ADJUST 6-LPN+LNL	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%



MULTILINE 80 EC	**800x500**	**800x500**	**1300x750**	**1300x750**	**1800x1000**	**1800x1000**	**800x500**	**1300x750**	**1800x1000**
value for – direct	70W	105W	105W	140W	140W	210W	35+20W	70+35W	105+35W
value for chip – direct 4000K	11709 lm	17481 lm	17563 lm	22616 lm	23117 lm	35465 lm	11709 lm	11709 lm	17563 lm
suspension	•	•	•	•	•	•			
suspension D/I							•	•	•
ceiling	•	•	•	•	•	•			
ceiling D/I									
recessed									
trimless									
semirecessed									
2700 K Ra80	93%	93%	93%	93%	93%	93%	93%	93%	93%
3000 K Ra80	94%	94%	94%	94%	94%	94%	94%	94%	94%
4000 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%
6500 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%	81%	81%	81%	81%	81%	81%
4000 K Ra90	84%	84%	84%	84%	84%	84%	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
Microprism									
Satine	50%	50%	50%	50%	50%	50%	50%	50%	50%
FIX 3-LPN	•	•	•	•	•	•	•	•	•
FIX EM1 4-LPN+Lun	•	•	•	•	•	•	•	•	•
FIX EM3 4-LPN+Lun	•	•	•	•	•	•	•	•	•
ADJUST 3-LPN	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-130%	30-130%
ADJUST EM1 4-LPN+Lun	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-130%	30-130%
ADJUST EM3 4-LPN+Lun									
DALI ADJUST 5-LPN+DA	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-130%	30-130%
DALI ADJUST EM3 6-LPN+DA+Lun									
0-10V 5-LPN+DIM	•	•	•	•	•	•	•	•	•
DALI TW ADJUST 5-LPN+DA	30-130%		30-130%		30-130%		30-130%	30-130%	30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun	30-130%		30-130%		30-130%		30-130%	30-130%	30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun									
SWITCH TW ADJUST 6-LPN+LNL	30-130%		30-130%		30-130%		30-130%	30-130%	30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun	30-130%		30-130%		30-130%		30-130%	30-130%	30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun									



MULTILINE 111 EC	**800x500**	**800x500**	**1300x750**	**1300x750**	**1800x1000**	**1800x1000**	**800x500**	**1300x750**	**1800x1000**
value for – direct	70W	105W	105W	140W	140W	210W	35+20W	70+35W	105+35W
value for chip – direct 4000K	11709 lm	17481 lm	17563 lm	22616 lm	23117 lm	35465 lm	11709 lm	11709 lm	17563 lm
suspension	•	•	•	•	•	•			
suspension D/I							•	•	•
ceiling	•	•	•	•	•	•			
ceiling D/I									
recessed									
trimless									
semirecessed									
2700 K Ra80	93%	93%	93%	93%	93%	93%	93%	93%	93%
3000 K Ra80	94%	94%	94%	94%	94%	94%	94%	94%	94%
4000 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%
6500 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%	81%	81%	81%	81%	81%	81%
4000 K Ra90	84%	84%	84%	84%	84%	84%	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
Microprism									
Satine	50%	50%	50%	50%	50%	50%	50%	50%	50%
FIX 3-LPN	•	•	•	•	•	•	•	•	•
FIX EM1 4-LPN+Lun	•	•	•	•	•	•	•	•	•
FIX EM3 4-LPN+Lun	•	•	•	•	•	•	•	•	•
ADJUST 3-LPN	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-130%	30-130%
ADJUST EM1 4-LPN+Lun	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-130%	30-130%
ADJUST EM3 4-LPN+Lun									
DALI ADJUST 5-LPN+DA	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun	30-130%	30-100%	30-130%	30-100%	30-130%	30-100%	30-130%	30-130%	30-130%
DALI ADJUST EM3 6-LPN+DA+Lun									
0-10V 5-LPN+DIM	•	•	•	•	•	•	•	•	•
DALI TW ADJUST 5-LPN+DA	30-130%		30-130%		30-130%		30-130%	30-130%	30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun	30-130%		30-130%		30-130%		30-130%	30-130%	30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun									
SWITCH TW ADJUST 6-LPN+LNL	30-130%		30-130%		30-130%		30-130%	30-130%	30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun	30-130%		30-130%		30-130%		30-130%	30-130%	30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun									

RGB |RGBW | DMX 512 | PWM | CASAMBI | BLL | net4more | ready2mains | ZigBee | Phase Cut | DALI 2 | KNX | Z-wave | connecDIM | basicDIM Wireless | EnOcean – on demand



Multiline

L

Multiline L

1 Anbau- und abgehängte Leuchten, erweitert um die Variante einer Stehlampe, zur direkten und direkt-indirekten Beleuchtung von Innenräumen

2 Geeignet zur vollwertigen Beleuchtung von Büros, Ausbildungsräumen, Archiven, Bibliotheken, Kommunikationszonen und anderen Arten von Innenräumen



RECESSED | CEILING | SUSPENDED | SUSPENDED DI | FLOOR DI

	MULTILINE L-R	MULTILINE L-C	MULTILINE L-S	MULTILINE L-S DI	MULTILINE L-F DI
PROFILE	111	55 / 80 / 111	45 / 55 / 80 / 111	45	55
DIFFUSER	Satine Microprism	Satine Microprism	Satine Microprism	Satine Microprism	Satine Microprism
LUMINOUS EFFICIENCY	73 – 124 m/W	73 – 124 m/W	73 – 124 m/W	73 – 124 m/W	73 – 124 m/W
CCT	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K
CRI	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80
CONTROL	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10 DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW

COLOUR FINISH

RAL 9003 | RAL 9010 | TIGER SILVER BRILANT | RAL 9006 | RAL 7005 | RAL 7016 | RAL 9005 | RAL 7006 | RAL 8017 | RAL 8019 | RAL 1035

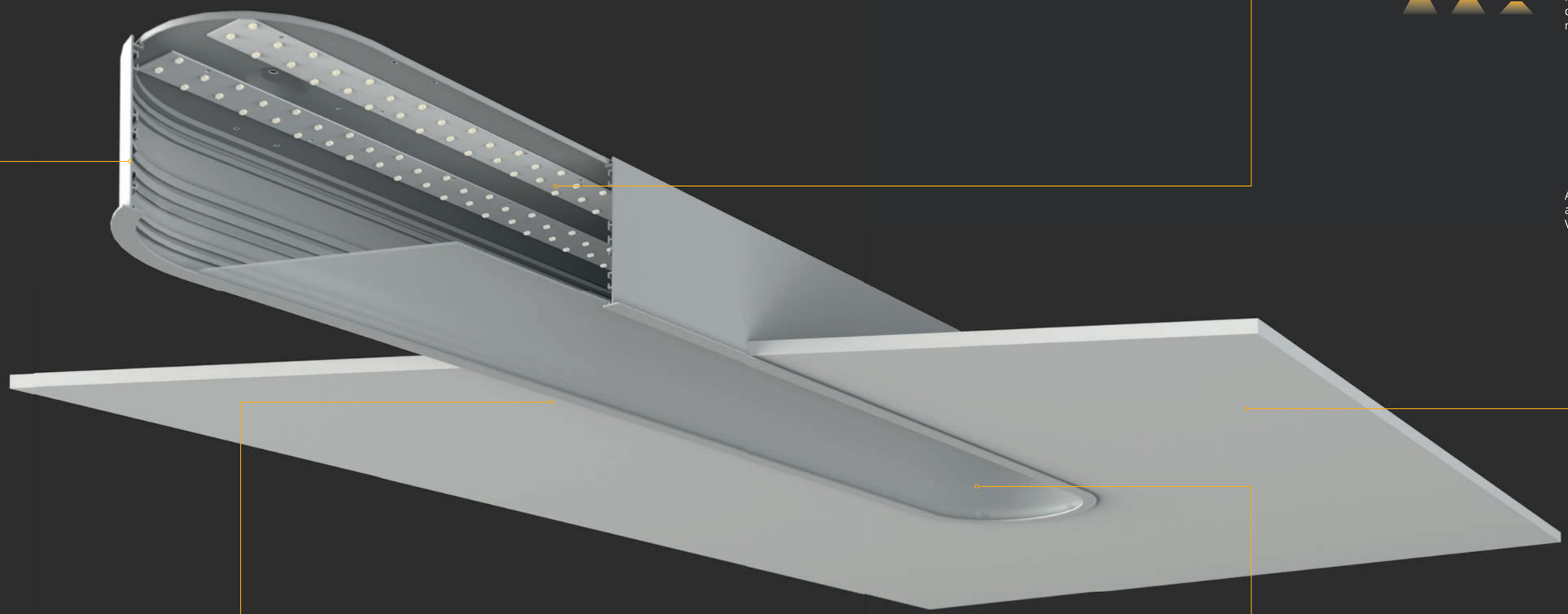
RAL 2013 | RAL 3001 | RAL 3004 | RAL 1018 | RAL 6021 | RAL 6018 | RAL 6001 | RAL 6028 | RAL 6003 | RAL 6005 | RAL 6022 | RAL 6034 | RAL 5010

MULTILINE L stellt eine kleine, um eine Stehlampe erweiterte Gruppe von Anbau- und abgehängten Leuchten zur direkten und direkt-indirekten Beleuchtung von verschiedenartigen kommerziellen Innenräumen und Aufenthaltsbereichen dar

Das ausgeklügelte Wärmemanagement trägt zum hohen Wirkungsgrad des LED-Leuchtmittels bei und sorgt für dessen Kühlung

Die Leuchten sind mit LED-Leuchtmitteln in mehreren Leistungsvarianten mit einer Farbtemperatur von 3000 K, 4000 K, einem Farbwiedergabeindex von Ra>80 und einer Farbtoleranz MacAdam3 bestückt

Die Lichtstromsteuerung erfolgt mit Hilfe eines DALI-, DSI-, PWM-, DMX-, TW-Systems unter Nutzung von optischen, infraroten und Funkfrequenzgeräten





Das abgehängte System besteht aus einer Halterung für die Seilaufhängungen und den Seilaufhängungen mit einer verstellbaren Länge bis 1,5 m

Anbau- und Einbau-Varianten lassen sich an/in Gipskarton, Holz oder verschiedenen Verbundstoffplatten anbringen

Ein Versteifungselement verlängert die Lebensdauer der Leuchten um ein Vielfaches und sorgt für die Festigkeit aller Verbindungen

MULTILINE L-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage



Der optische Teil der Leuchte ist standardmäßig mit einem SATINE- und MICROPRISM-Diffusor ausgestattet

MICROPRISM Der klare MICROPRISM-Diffusor hat eine mikropyramidale Struktur, die Blendung verhindert

SATINE Der undurchsichtige SATINE-Diffusor erzeugt weiches, diffuses, homogenes Licht, das den Raum optisch vergrößert und diesem somit ein ästhetisches Erscheinungsbild verleiht

Multiline L-R



Einbauleuchte mit direkter Lichtverteilung

Das optische System der Leuchte ist mit SATINE- und MICROPRISM-Diffusor ausgestattet; andere Diffusortypen sind auf Anfrage erhältlich

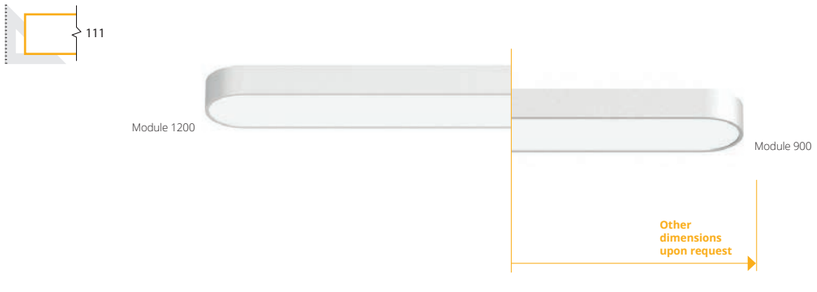
L-R



LED | IP20 | dimm | TW | 230 V 50 Hz | F



MULTILINE-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage





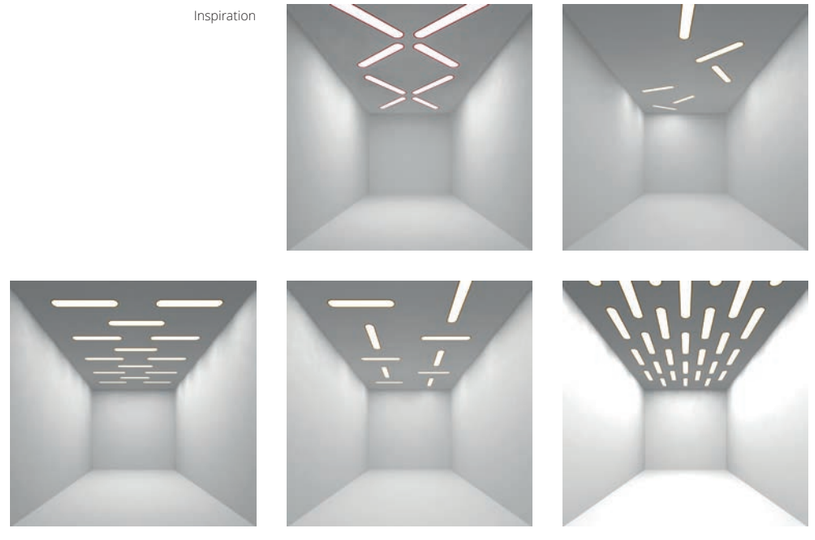
Code ordering example 1 3 0. 0 3 | 1 4. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 111 L-C | 900 | 35 W | 3556 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 L-R (recessed)

	Product code	Module code	Dimension	Dimension Cut-out	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 L-R	130.03	14 900	896x216 mm	906x210 mm	03 35 W	3556 lm 3783 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
					07 70 W	6722 lm 7151 lm			
		20 1200	1166x216 mm	1176x210 mm	05 50 W	5313 lm 5652 lm			
					07 70 W	6722 lm 7151 lm			
		14 900	896x216 mm	906x210 mm	03 35 W	4334 lm 4611 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
					07 70 W	8193 lm 8716 lm			
		20 1200	1166x216 mm	1176x210 mm	05 50 W	6476 lm 6889 lm			
					07 70 W	8193 lm 8716 lm			

[1] not for 900 35 W, 1200 50 W

Inspiration



For a more detailed technical specification and the full list of all variations please see page 354.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Multiline L-C

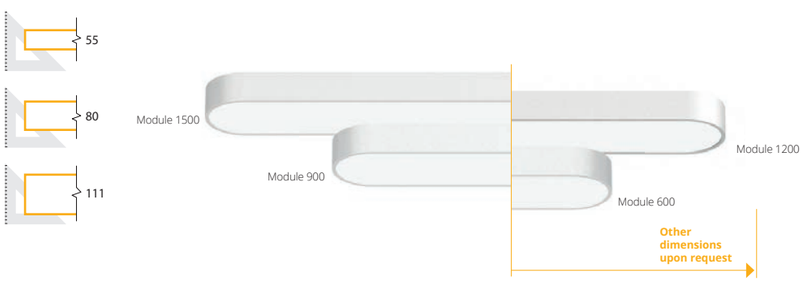


Anbauleuchte mit direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- oder MICROPRISM-Diffusor ausgestattet

L_C

LED | IP20 | dimm | TW | 230 V 50 Hz | F

MULTILINE-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage

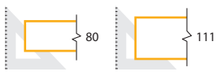




Code ordering example 1 3 5. 0 3 | 1 4. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 55 L-C | 900 | 35 W | 3556 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 55 L-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 55 L-C	135.03	08 600	610x256 mm	01 20 W	2262 lm 2400 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
		14 900	996x256 mm	03 35 W	3556 lm 3783 lm			
		20 1200	1186x256 mm	05 50 W	5313 lm 5652 lm			
		26 1500	1446x256 mm	07 70 W	7044 lm 7494 lm			
		08 600	610x256 mm	01 20 W	2172 lm 2311 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
		14 900	996x256 mm	03 35 W	4334 lm 4611 lm			
		20 1200	1186x256 mm	05 50 W	6476 lm 6889 lm			
		26 1500	1446x256 mm	07 70 W	8585 lm 9133 lm			



Code ordering example 1 0 1. 0 3 | 1 4. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 111 L-C | 900 | 35 W | 3556 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 L-C (ceiling direct)
MULTILINE 111 L-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 L-C	103.03	14 900	886x206 mm	03 35 W	3556 lm 3783 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]
Multiline 111 L-C	101.03			07 70 W	6722 lm 7151 lm			
		20 1200	1166x206 mm	05 50 W	5313 lm 5652 lm			
				07 70 W	6722 lm 7151 lm			
		26 1500	1446x206 mm	07 70 W	7044 lm 7494 lm			
				08 105 W	10566 lm 11240 lm			
		14 900	886x206 mm	03 35 W	4334 lm 4611 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				07 70 W	8193 lm 8716 lm			
		20 1200	1166x206 mm	05 50 W	6476 lm 6889 lm			
				07 70 W	8193 lm 8716 lm			
		26 1500	1446x206 mm	07 70 W	8585 lm 9133 lm			
				08 105 W	12877 lm 13699 lm			

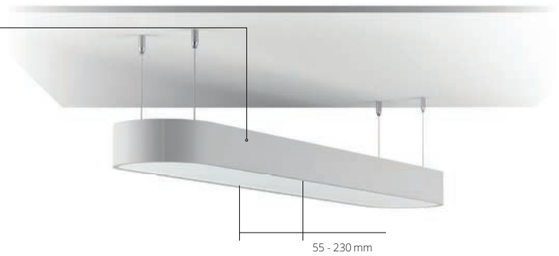
[1] not for 900 35 W, 1200 50 W, 1500 70 W

For a more detailed technical specification and the full list of all variations please see page 354.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Multiline L-S / L-S DI



Hängeleuchte mit direkter und direkt-indirekter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- oder MICROPRISM-Diffusor ausgestattet





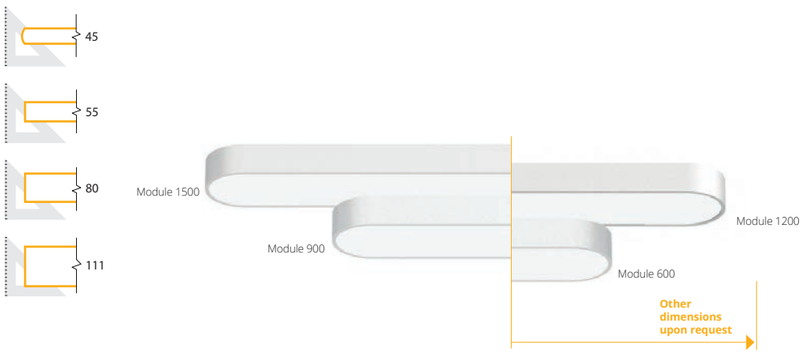
L-S DI (profile 45)



LED | IP40 | dimm | TW | 230 V 50 Hz | F

Aufhängungssystem:
Abdeckung mit Kabel ø 81, 01,135 mm
Halterung für die Seilaufhängung
Seilaufhängungen Standardlänge 1,5 m







Code ordering example 1 0 4. 0 3 | 2 6. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 45 L-S | 1500 | 70 W | 7044 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 45 L-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 45 L-S	104.03	08 600	610x256 mm	01 20 W	2256 lm 2400 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 44 SWITCH TW
		14 900	996x256 mm	13 35 W	4501 lm 4788 lm			
		20 1200	1186x256 mm	05 50 W	5313 lm 5652 lm			
		26 1500	1446x256 mm	07 70 W	7044 lm 7494 lm			
		08 600	610x256 mm	01 20 W	2172 lm 2311 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
		14 900	996x256 mm	03 35 W	4334 lm 4611 lm			
		20 1200	1186x256 mm	05 50 W	6476 lm 6889 lm			
		26 1500	1446x256 mm	07 70 W	8585 lm 9133 lm			

Code ordering example 1 1 6. 0 3 | 2 6. | 0 8 | 3 0. | 0 2 | 0 1 (Multiline 45 L-S DI | 1500 | 70 + 35 W | 10566 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 45 L-S DI (suspended direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 45 L-S DI	116.03	20 1200	1186x256 mm	07 50+20 W	7044 lm 7494 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 44 SWITCH TW
		26 1500	1446x256 mm	08 70+35 W	10566 lm 11240 lm			
		20 1200	1186x256 mm	07 50+20 W	8585 lm 9133 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
		26 1500	1446x256 mm	08 70+35 W	12877 lm 13699 lm			



Code ordering example 1 3 4. 0 3 | 1 4. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 55 L-S | 900 | 35 W | 3556 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 55 L-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 55 L-S	134.03	08 600	610x256 mm	01 20 W	2256 lm 2400 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
		14 900	996x256 mm	03 35 W	3556 lm 3783 lm			
		20 1200	1186x256 mm	05 50 W	5313 lm 5652 lm			
		26 1500	1446x256 mm	07 70 W	7044 lm 7494 lm			
		08 600	610x256 mm	01 20 W	2172 lm 2311 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
		14 900	996x256 mm	03 35 W	4334 lm 4611 lm			
		20 1200	1186x256 mm	05 50 W	6476 lm 6889 lm			
		26 1500	1446x256 mm	07 70 W	8585 lm 9133 lm			

For a more detailed technical specification and the full list of all variations please see page 354.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.



Code ordering example 1 0 2. 0 3 | 1 4. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 80 L-S | 900 | 35 W | 3556 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 L-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 L-S	102.03	14 900	886x206 mm	03 35 W	3556 lm	30 3000 K | Ra 80	02 Satine	00 FIX
					3783 lm	40 4000 K | Ra 80		01 ADJUST
				07 70 W	6722 lm			25 DALI
					7151 lm			35 1-10V
		20 1200	1166x206 mm	05 50 W	5313 lm			32 DALI TW [1]
					5652 lm			44 SWITCH TW [1]
				07 70 W	6722 lm			
					7151 lm			
		26 1500	1446x206 mm	07 70 W	7044 lm			
					7494 lm			
				08 105 W	10566 lm			
					11240 lm			
		14 900	886x206 mm	03 35 W	4334 lm	30 3000 K | Ra 80	03 Microprism	
					4611 lm	40 4000 K | Ra 80		
				07 70 W	8193 lm			
					8716 lm			
		20 1200	1166x206 mm	05 50 W	6476 lm			
					6889 lm			
				07 70 W	8193 lm			
					8716 lm			
		26 1500	1446x206 mm	07 70 W	8585 lm			
					9133 lm			
				08 105 W	12877 lm			
					13699 lm			

[1] not for 900 35 W, 1200 50 W, 1500 70 W



Code ordering example 1 0 2. 0 3 | 1 4. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 80 L-S | 900 | 35 W | 3556 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 L-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 L-S	100.03	14 900	886x206 mm	03 35 W	3556 lm	30 3000 K | Ra 80	02 Satine	00 FIX
					3783 lm	40 4000 K | Ra 80		01 ADJUST
				07 70 W	6722 lm			25 DALI
					7151 lm			35 1-10V
		20 1200	1166x206 mm	05 50 W	5313 lm			32 DALI TW [1]
					5652 lm			44 SWITCH TW [1]
				07 70 W	6722 lm			
					7151 lm			
		26 1500	1446x206 mm	07 70 W	7044 lm			
					7494 lm			
				08 105 W	10566 lm			
					11240 lm			
		14 900	886x206 mm	03 35 W	4334 lm	30 3000 K | Ra 80	03 Microprism	
					4611 lm	40 4000 K | Ra 80		
				07 70 W	8193 lm			
					8716 lm			
		20 1200	1166x206 mm	05 50 W	6476 lm			
					6889 lm			
				07 70 W	8193 lm			
					8716 lm			
		26 1500	1446x206 mm	07 70 W	8585 lm			
					9133 lm			
				08 105 W	12877 lm			
					13699 lm			

[1] not for 900 35 W, 1200 50 W, 1500 70 W

For a more detailed technical specification and the full list of all variations please see page 354.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.



Multiline L-F DI



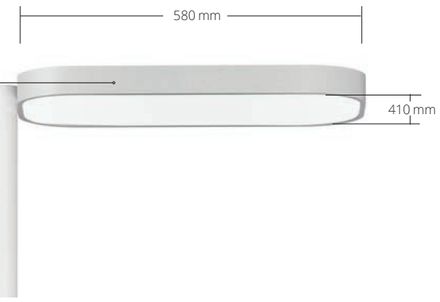


Code ordering example 1 3 8. 0 3 | 3 2. | 3 0 | 3 0. | 0 2 | 2 5 (Multiline L-F DI | 1800 | 35+20 W | 6561 lm | 3000 K Ra80 | Satine | DALI)

MULTILINE 55 L-F DI (floor lamp direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 55 L-F DI	138.03	32 1800	406x606 mm	30 35+20 W	6561 lm 6980 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
				08 75+20 W	10886 lm 11581 lm			
		32 1800	406x606 mm	30 35+20 W	6318 lm 6721 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				08 75+20 W	10483 lm 11152 lm			

For a more detailed technical specification and the full list of all variations please see page 354.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

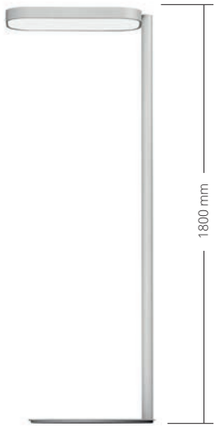


1800 mm hohe Stehlampe mit direkt-indirekter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- oder MICROPRISM-Diffusor ausgestattet



LED | IP40 | dimm | TW | 230 V 50 Hz | F









MULTILINE 45 L



MULTILINE 55 L



MULTILINE 80 L

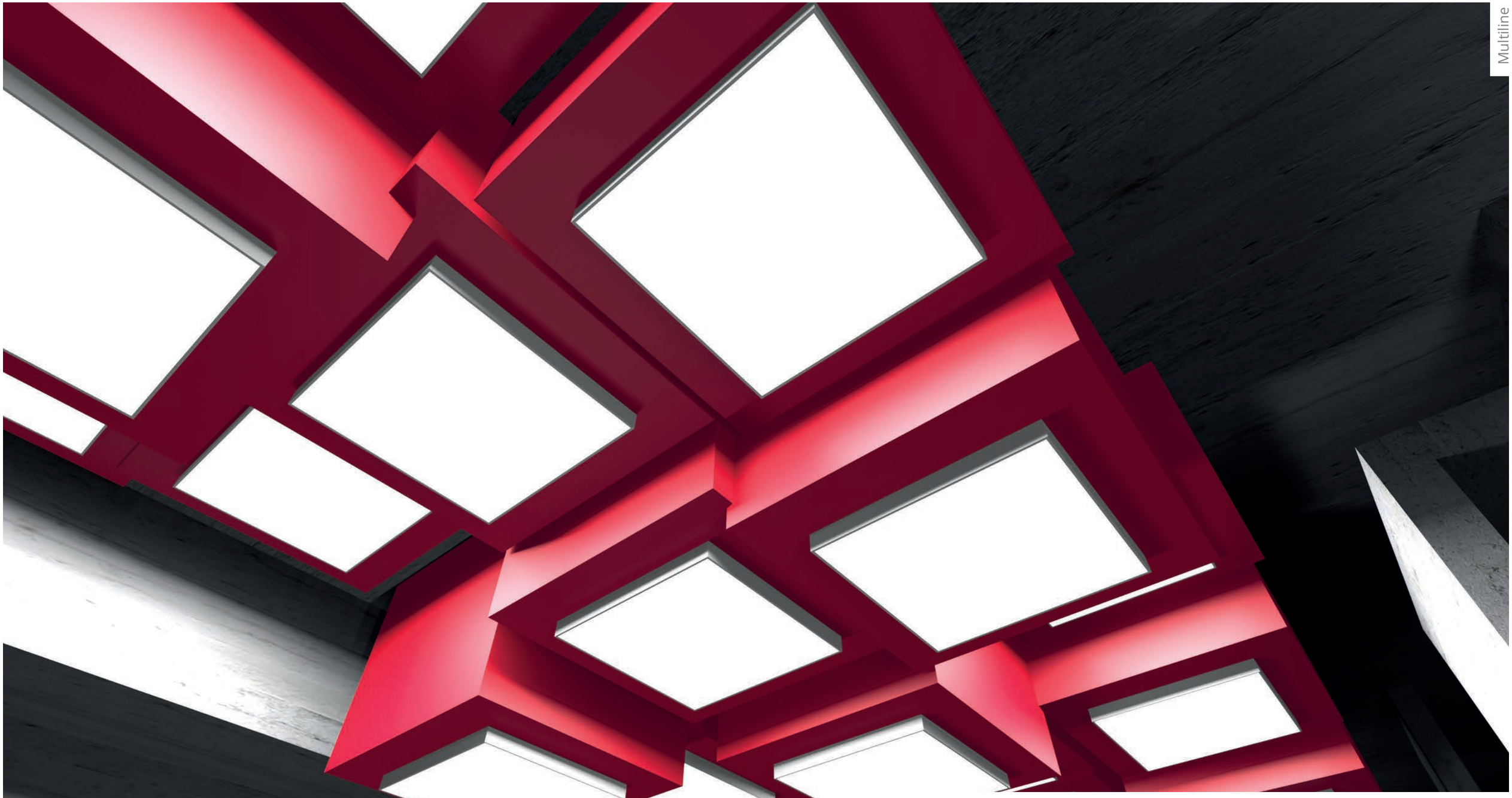


MULTILINE 111 L

MODULE	**600**	**900**	**1200**	**1500**	**1200**	**1500**	**600**	**900**	**1200**	**1500**	**18500**	**1800**	**900**	**900**	**1200**	**1200**	**1500**	**1500**	**900**	**900**	**1200**	**1200**	**1500**	**1500**
value for – direct	**20W**	**35W**	50W	70W	50+20 W	70+35 W	20W	35W	50W	70W	50+20W	70+20W	35W	70W	50W	70W	70W	105W	35W	70W	50W	70W	70W	105W
value for chip – direct 4000K	2963 lm	5911 lm	8634 lm	11511 lm	8832 lm	11709 lm	2963 lm	5911 lm	8832 lm	11709 lm	8832 lm	14297 lm	5911 lm	11174 lm	8832 lm	11709 lm	11709 lm	17563 lm	5911 lm	11174 lm	8832 lm	11709 lm	11709 lm	17563 lm
suspended	•	•	•	•			•	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•
suspended D/I					•	•																		
ceiling							•	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•
ceiling D/I																								
recessed																			•	•	•	•		
floor lamp D/I											•	•												
2700 K Ra80	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%
3000 K Ra80	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
4000 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
6500 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%
4000 K Ra90	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
Microprism	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%
Satine	64%	64%	64%	64%	64%	64%	81%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%
FIX 3-LPN	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FIX EM1 4-LPN+Lun		•	•	•	•	•		•	•	•	•	•		•		•		•		•		•		•
FIX EM3 4-LPN+Lun								•	•	•														
ADJUST 3-LPN	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%
ADJUST EM1 4-LPN+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%	30-130%	30-130%		30-130%		30-130%		30-130%		30-130%		30-130%		30-130%
ADJUST EM3 4-LPN+Lun								65-125%	30-130%	30-130%														
DALI ADJUST 5-LPN+DA	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%	30-130%	30-130%		30-130%		30-130%		30-130%		30-130%		30-130%		30-130%
DALI ADJUST EM3 6-LPN+DA+Lun								65-125%	30-130%	30-130%														
0-10V 5-LPN+DIM	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DALI TW ADJUST 5-LPN+DA	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	50-150%	65-125%	30-130%	30-130%	30-130%	30-130%		30-130%		30-130%		30-130%		30-130%		30-130%		30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	50-150%	65-125%	30-130%	30-130%	30-130%	30-130%		30-130%		30-130%		30-130%		30-130%		30-130%		30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun								65-125%	30-130%	30-130%														
SWITCH TW ADJUST 6-LPN+LNL	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	50-150%	65-125%	30-130%	30-130%	30-130%	30-130%		30-130%		30-130%		30-130%		30-130%		30-130%		30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	50-150%	65-125%	30-130%	30-130%	30-130%	30-130%		30-130%		30-130%		30-130%		30-130%		30-130%		30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun								65-125%	30-130%	30-130%														

Driver is not ntegrated into the luminaire

RGB |RGBW | DMX 512 | PWM | CASAMBI | BLL | net4more | ready2mains | ZigBee | Phase Cut | DALI 2 | KNX | Z-wave | connecDIM | basicDIM Wireless | EnOcean – on demand



Multiline

D DG
B BG

Multiline D B

1 Leuchten in Anbau- und abgehängter Ausführung mit direkter Lichtabgabe und optischem System mit Diffusor

2 Neben der Anwendung in Büros, Geschäftsräumen, Bildungseinrichtungen, Hallen und Kommunikationseinrichtungen lassen sich diese Leuchten in einer ganzen Reihe von Innenräumen einsetzen





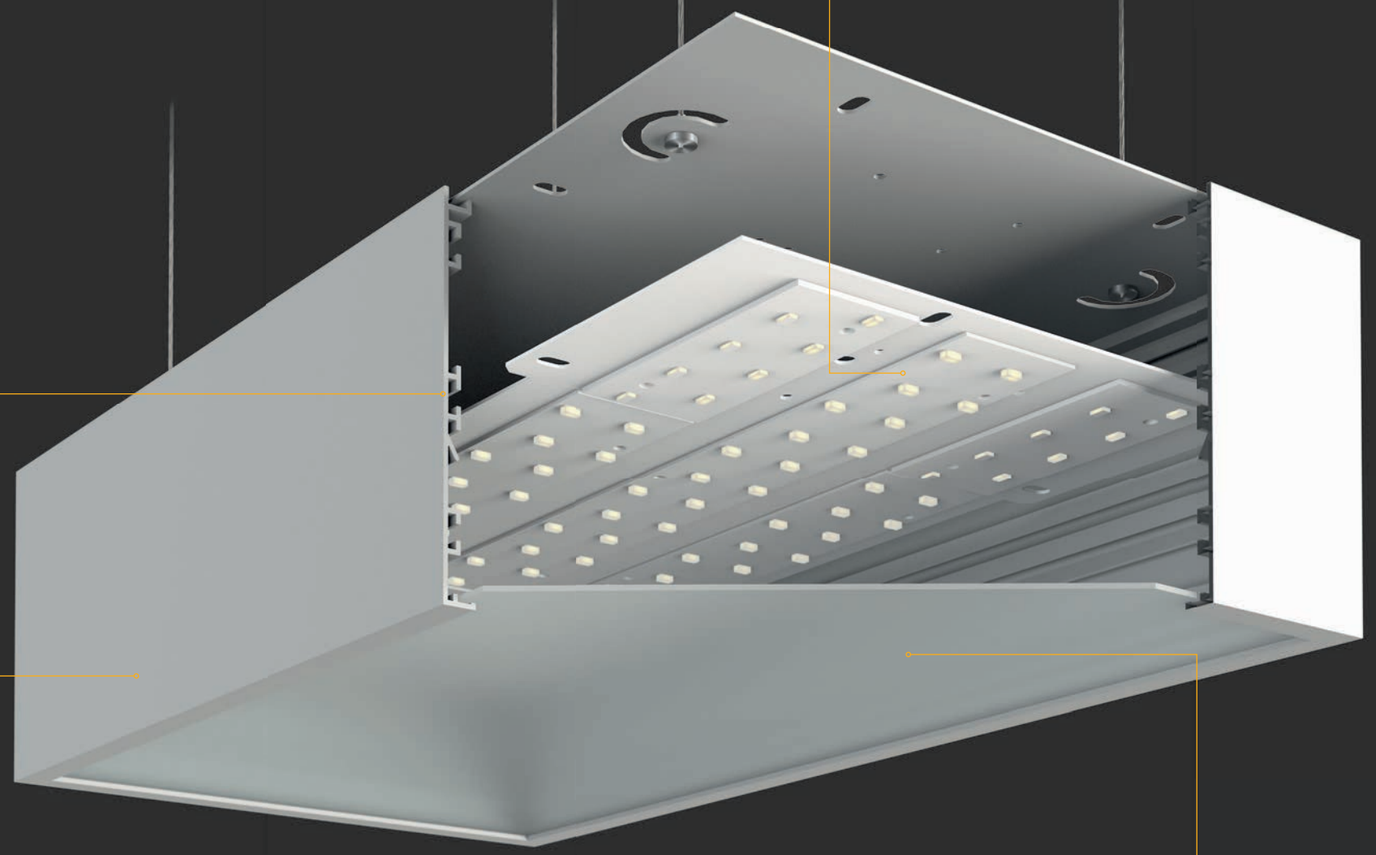
	MULTILINE B-F	**MULTILINE** D-S	**MULTILINE** D-C	**MULTILINE** B-S	**MULTILINE** B-S DI	**MULTILINE** B-C
PROFILE	55	45 / 55 / 80 / 111	55 / 80 / 111	45 / 55 / 80 / 111	45 / 55	80 / 111
DIFFUSER	Satine Microprism	Satine Microprism	Satine Microprism	Satine Microprism	Satine Microprism	Satine Microprism
LUMINOUS EFFICIENCY	104 – 127 lm/W	104 – 127 lm/W	104 – 127 lm/W	104 – 127 lm/W	104 – 127 lm/W	104 – 127 lm/W
CCT	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K
CRI	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80
CONTROL	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW
COLOUR FINISH	RAL 9003, RAL 9010, TIGER SILVER BRILANT, RAL 9006, RAL 7005, RAL 7016, RAL 9005, RAL 7006, RAL 8017, RAL 8019, RAL 1035			RAL 2013, RAL 3001, RAL 3004, RAL 1018, RAL 6021, RAL 6018, RAL 6001, RAL 6028, RAL 6003, RAL 6005, RAL 6022, RAL 6034, RAL 5010		

Multiline D und B ist eine Gruppe von Leuchten in Anbau- und abgehängter Ausführung quadratischer oder rechteckiger Form zur direkten Beleuchtung von Innenräumen

Die Leuchten sind mit LED-Leuchtmitteln in mehreren Leistungsvarianten mit einer Farbtemperatur von 3000 K, 4000 K, einem Farbwiedergabeindex von Ra>80 und einer Farbtoleranz MacAdam3 bestückt

Die Lichtstromsteuerung erfolgt mit Hilfe eines DALI-, DSI-, PWM-, DMX-, TW-Systems unter Nutzung von optischen, infraroten und Funkfrequenzgeräten

Das ausgeklügelte Wärmemanagement trägt zum hohen Wirkungsgrad des LED-Leuchtmittels bei und sorgt für dessen Kühlung





Das abgehängte System besteht aus einer Halterung für die Seilaufhängungen und den Seilaufhängungen mit einer verstellbaren Länge bis 1,5 m

Anbau- und Einbau-Varianten lassen sich an/in Gipskarton, Holz oder verschiedenen Verbundstoffplatten anbringen

Ein Versteifungselement verlängert die Lebensdauer der Leuchten um ein Vielfaches und sorgt für die Festigkeit aller Verbindungen

MULTILINE D a B-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage



Der optische Teil der Leuchte ist standardmäßig mit einem SATINE- und MICROPRISM-Diffusor ausgestattet

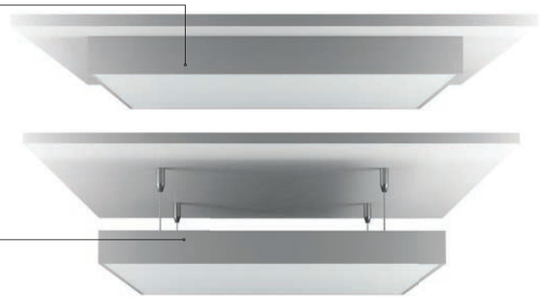
MICROPRISM Der klare MICROPRISM-Diffusor hat eine mikropyramidale Struktur, die Blendung verhindert

SATINE Der undurchsichtige SATINE-Diffusor erzeugt weiches, diffuses, homogenes Licht, das den Raum optisch vergrößert und diesem somit ein ästhetisches Erscheinungsbild verleiht

Multiline D-C / D-S



Anbauleuchte mit direkter Lichtabgabe;
der optische Teil ist standardmäßig mit
einem SATINE- oder MICROPRISM-Diffusor
ausgestattet



Hängeleuchte mit direkter und direkt-indirekter
Lichtabgabe

D-C



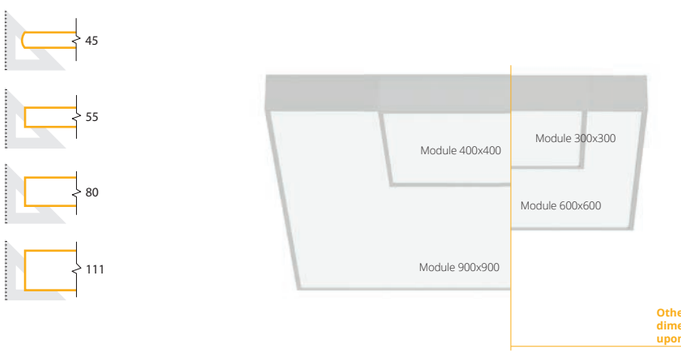
D-S



LED IP20 IP40 dimm TW 230 V 50 Hz F

Aufhängungssystem:
Abdeckung mit Kabel ø 81, 01,135 mm
Halterung für die Seilaufhängung
Seilaufhängungen Standardlänge 1,5 m







Code ordering example 1 0 4. 1 3 | 5 5. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 45 D-S | 600x600 | 35 W | 4511 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 45 D-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 45 D-S	104.13	54 400x400	406x406 mm	01 20 W	2256 lm 2400 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
				02 25 W	3343 lm 3557 lm			
		55 600x600	606x606 mm	03 35 W	4511 lm 4799 lm			
				07 70 W	8610 lm 9159 lm			
		56 900x900	786x786 mm	07 70 W	9295 lm 9888 lm			
				08 105 W	12721 lm 13533 lm			
		54 400x400	406x406 mm	01 20 W	2172 lm 2311 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				02 25 W	3219 lm 3425 lm			
		55 600x600	606x606 mm	03 35 W	4344 lm 4622 lm			
				07 70 W	8291 lm 8820 lm			
		56 900x900	786x786 mm	07 70 W	8951 lm 9522 lm			
				08 105 W	12250 lm 13031 lm			

Driver is not ntegrated into the luminaire



Code ordering example 1 3 5. 1 3 | 5 5. | 0 3 | 3 0. | 0 2 | 2 5 (Multiline 55 D-S | 600x600 | 35 W | 4511 lm | 3000 K Ra80 | Satine | DALI)

MULTILINE 55 D-C (ceiling direct)
MULTILINE 55 D-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 55 D-C	135.13	54 400x400	406x406 mm	01 20 W	2256 lm 2400 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
Multiline 55 D-S	134.13			02 25 W	3343 lm 3557 lm			
		55 600x600	606x606 mm	03 35 W	4511 lm 4799 lm			
				07 70 W	8610 lm 9159 lm			
		56 900x900	786x786 mm	07 70 W	9295 lm 9888 lm			
				08 105 W	12721 lm 13533 lm			
		54 400x400	406x406 mm	01 20 W	2172 lm 2311 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				02 25 W	3219 lm 3425 lm			
		55 600x600	606x606 mm	03 35 W	4344 lm 4622 lm			
				07 70 W	8291 lm 8820 lm			
		56 900x900	786x786 mm	07 70 W	8951 lm 9522 lm			
				08 105 W	12250 lm 13031 lm			

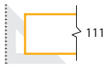
For a more detailed technical specification and the full list of all variations please see page 380.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.



Code ordering example 1 0 2. 1 3 | 5 3. | 0 0 | 3 0. | 0 2 | 0 1 (Multiline 80 D-S | 300x300 | 10 W | 1128 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 D-C (ceiling direct)
MULTILINE 80 D-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 D-C	103.13	53 300x300	326x326 mm	00 10 W	1128 lm 1200 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
Multiline 80 D-S	102.13			01 20 W	2152 lm 2290 lm			
		55 600x600	606x606 mm	03 35 W	4511 lm 4799 lm			
				07 70 W	8610 lm 9159 lm			
		56 900x900	886x886 mm	07 70 W	9295 lm 9888 lm			
				08 105 W	12721 lm 13533 lm			
		53 300x300	326x326 mm	00 10 W	1086 lm 1155 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				01 20 W	2073 lm 2205 lm			
		55 600x600	606x606 mm	03 35 W	4344 lm 4622 lm			
				07 70 W	8291 lm 8820 lm			
		56 900x900	886x886 mm	07 70 W	8951 lm 9522 lm			
				08 105 W	12250 lm 13031 lm			

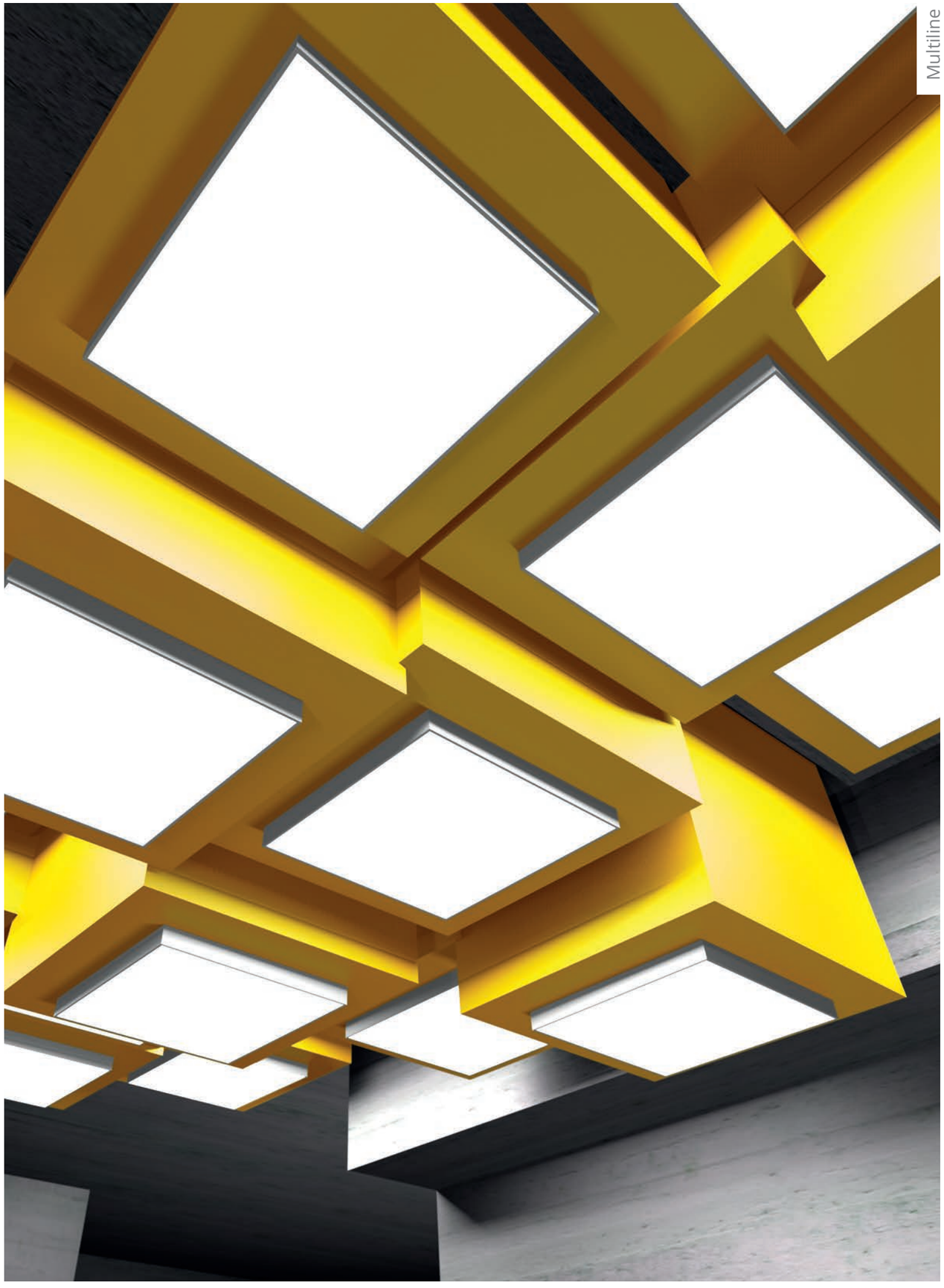


Code ordering example 1 0 0. 1 3 | 5 3. | 0 0 | 3 0. | 0 2 | 0 1 (Multiline 111 D-S | 300x300 | 10 W | 1128 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 D-C (ceiling direct)
MULTILINE 111 D-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 D-C	101.13	53 300x300	326x326 mm	00 10 W	1128 lm 1200 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
Multiline 111 D-S	100.13			01 20 W	2152 lm 2290 lm			
		55 600x600	606x606 mm	03 35 W	4511 lm 4799 lm			
				07 70 W	8610 lm 9159 lm			
		56 900x900	886x886 mm	07 70 W	9295 lm 9888 lm			
				08 105 W	12721 lm 13533 lm			
		53 300x300	326x326 mm	00 10 W	1086 lm 1155 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				01 20 W	2073 lm 2205 lm			
		55 600x600	606x606 mm	03 35 W	4344 lm 4622 lm			
				07 70 W	8291 lm 8820 lm			
		56 900x900	886x886 mm	07 70 W	8951 lm 9522 lm			
				08 105 W	12250 lm 13031 lm			

For a more detailed technical specification and the full list of all variations please see page 380.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.



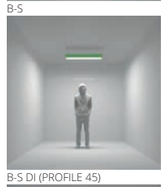
Multiline B-C / B-S/ B-S DI



B-C



B-S



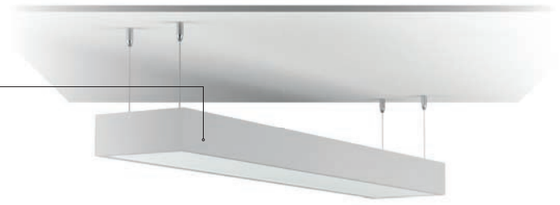
B-S DI (PROFILE 45)



Anbauleuchte mit direkter Lichtabgabe;
der optische Teil ist standardmäßig mit
einem SATINE- oder MICROPRISM-Diffusor
ausgestattet



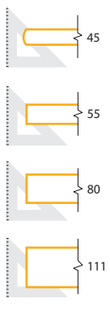
Hängeleuchte mit direkter und direkt-indirekter
Lichtabgabe

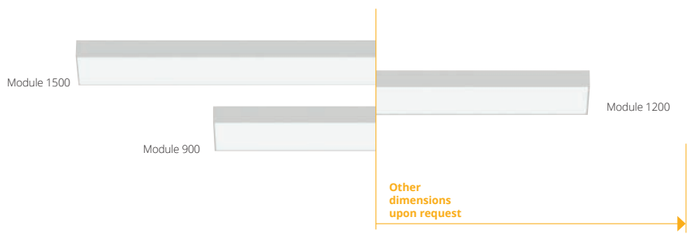


LED | IP20 | IP40 | dimm | TW | 230 V 50 Hz | F

Aufhängungssystem:
Abdeckung mit Kabel ø 81, 01,135 mm
Halterung für die Seilaufhängung
Seilaufhängungen Standardlänge 1,5 m









Code ordering example 1 1 6. 1 9 | 2 6. | 0 8 | 3 0. | 0 2 | 0 1 (Multiline 45 B-S DI | 1500 | 70 + 35 W | 10566 lm | 3000 K Ra80 | Satine | ADJUST)



MULTILINE 45 B-S (suspended direct)
MULTILINE 45 B-S DI (suspended direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 45 B-S	104.19	20 1200	1186x256 mm	05 50 W	5313 lm 5652 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
		26 1500	1446x256 mm	07 70 W	7044 lm 7494 lm			
		20 1200	1186x256 mm	05 50 W	6476 lm 6889 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
		26 1500	1446x256 mm	07 70 W	8585 lm 9133 lm			
Multiline 45 B-S DI	116.19	20 1200	1186x256 mm	07 50+20 W	7044 lm 7494 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	
		26 1500	1446x256 mm	08 70+35 W	10566 lm 11240 lm			
		20 1200	1186x256 mm	07 50+20 W	8585 lm 9133 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Microprism	
		26 1500	1446x256 mm	08 70+35 W	12877 lm 13699 lm			

Driver is not ntegrated into the luminaire



Code ordering example 1 3 6. 1 9 | 2 6. | 0 8 | 3 0. | 0 2 | 0 1 (Multiline 55 B-S DI | 1500 | 70 + 35 W | 10566 lm | 3000 K Ra80 | Microprism | ADJUST)



MULTILINE 55 B-S (suspended direct)
MULTILINE 55 B-S DI (suspended direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 45 B-S	134.19	20 1200	1186x256 mm	03 35 W	4600 lm 4894 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
				07 70 W	6722 lm 7151 lm			
		26 1500	1446x256 mm	07 70 W	7044 lm 7494 lm			
				08 105 W	10566 lm 11240 lm			
		20 1200	1186x256 mm	03 35 W	4430 lm 4713 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				07 70 W	8193 lm 8716 lm			
		26 1500	1446x256 mm	07 70 W	8585 lm 9133 lm			
				08 105 W	12877 lm 13699 lm			
Multiline 45 B-S DI	136.19	20 1200	1186x256 mm	07 50+20 W	6469 lm 6882 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	
		26 1500	1446x256 mm	08 70+35 W	13503 lm 14364 lm			
		20 1200	1186x256 mm	07 50+20 W	6229 lm 6627 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Microprism	
		26 1500	1446x256 mm	08 70+35 W	13002 lm 13832 lm			

For a more detailed technical specification and the full list of all variations please see page 382.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.



Code ordering example 1 0 2. 1 9 | 1 4. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 111 B-S | 900 | 35 W | 3556 lm | 3000 K Ra80 | Satine | ADJUST)



MULTILINE 80 B-C (ceiling direct)
MULTILINE 80 B-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 B-C	103.19	14 900	886x206 mm	03 35 W	3556 lm	30 3000 K | Ra 80	02 Satine	00 FIX
Multiline 80 B-S	102.19				3783 lm	40 4000 K | Ra 80		01 ADJUST
				07 70 W	6722 lm			25 DALI
					7151 lm			35 1-10V
		20 1200	1166x206 mm	05 50 W	5313 lm			32 DALI TW [1]
					5652 lm			44 SWITCH TW [1]
				07 70 W	6722 lm			
					7151 lm			
		26 1500	1446x206 mm	07 70 W	7044 lm			
					7494 lm			
				08 105 W	10566 lm			
					11240 lm			
		14 900	886x206 mm	03 35 W	4334 lm	30 3000 K | Ra 80	03 Microprism	
					4611 lm	40 4000 K | Ra 80		
				07 70 W	8193 lm			
					8716 lm			
		20 1200	1166x206 mm	05 50 W	6476 lm			
					6889 lm			
				07 70 W	8193 lm			
					8716 lm			
		26 1500	1446x206 mm	07 70 W	8585 lm			
					9133 lm			
				08 105 W	12877 lm			
					13699 lm			

[1] not for 900 35W, 1200 50W, 1500 70W



Code ordering example 1 0 0. 1 9 | 1 7. | 0 3 | 3 0. | 0 2 | 0 1 (Multiline 111 B-S | 900 | 35 W | 3556 lm | 3000 K Ra80 | Satine | ADJUST)



MULTILINE 111 B-C (ceiling direct)
MULTILINE 111 B-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 B-C	101.19	17 900	886x206 mm	03 35 W	3556 lm	30 3000 K | Ra 80	02 Satine	00 FIX
Multiline 111 B-S	100.19				3783 lm	40 4000 K | Ra 80		01 ADJUST
				07 70 W	6722 lm			25 DALI
					7151 lm			35 1-10V
		20 1200	1166x206 mm	05 50 W	5313 lm			32 DALI TW [1]
					5652 lm			44 SWITCH TW [1]
				07 70 W	6722 lm			
					7151 lm			
		26 1500	1446x206 mm	07 70 W	7044 lm			
					7494 lm			
				08 105 W	10566 lm			
					11240 lm			
		08 900	886x206 mm	03 35 W	4334 lm	30 3000 K | Ra 80	03 Microprism	
					4611 lm	40 4000 K | Ra 80		
				07 70 W	8193 lm			
					8716 lm			
		20 1200	1166x206 mm	05 50 W	6476 lm			
					6889 lm			
				07 70 W	8193 lm			
					8716 lm			
		26 1500	1446x206 mm	07 70 W	8585 lm			
					9133 lm			
				08 105 W	12877 lm			
					13699 lm			

[1] not for 900 35W, 1200 50W, 1500 70W

For a more detailed technical specification and the full list of all variations please see page 382.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Multiline B-F DI





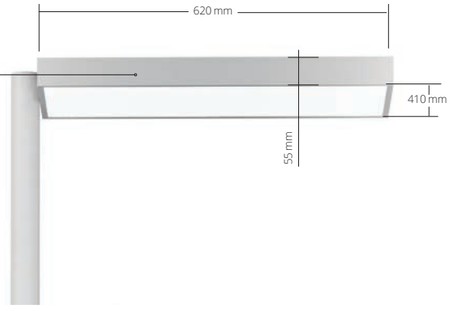
Code ordering example 1 3 8. 1 9 | 3 2. | 3 3 | 3 0. | 0 2 | 2 5 (Multiline 55 B-F | 1800 | 35 +20 W | 6561 lm | 3000 K Ra80 | Satine | DALI)

MULTILINE 55 B-F DI (floor lamp direct/indirect)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 55 B-F DI	138.19	32 1800	620x410 mm	30 35+20 W	6561 lm 6980 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW
				33 70+20 W	10886 lm 11581 lm			
		32 1800	620x410 mm	30 35+20 W	6318 lm 6721 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	44 SWITCH TW
				33 70+20 W	10483 lm 11152 lm			

For a more detailed technical specification and the full list of all variations please see page 382.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

1800 mm hohe Stehlampe mit direkt-indirekter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- oder MICROPRISM-Diffusor ausgestattet

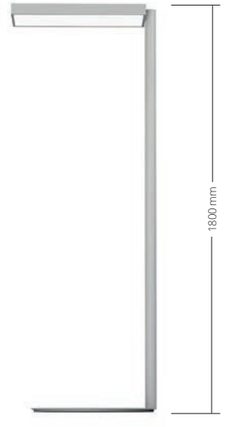


B-F



LED | IP40 | dimm | TW | 230 V 50 Hz | F



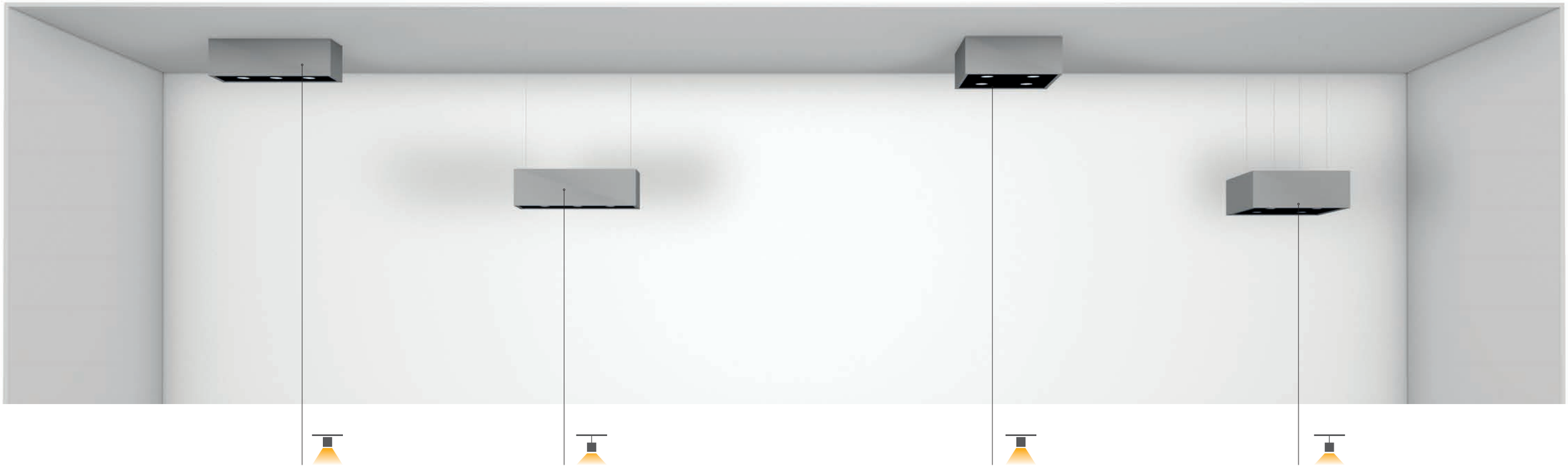




Multiline DG BG

1 Leuchten in Anbau- und abgehängter Ausführung mit direkter Lichtabgabe und optischem System mit LED-Strahlern

2 Neben einer Anwendung in Büros, Geschäftsräumen, Bildungseinrichtungen, Hallen und Kommunikationseinrichtungen lassen sich diese Leuchten in einer ganzen Reihe von Innenräumen nutzen



CEILING SUSPENDED CEILING SUSPENDED

	MULTILINE BG-C	MULTILINE BG-C	MULTILINE DG-C	MULTILINE DG-C
PROFILE	111	111	111	111
BEAM ANGLE	15°, 30°, 35°, 40°, 60°, 70°, 80°	15°, 30°, 35°, 40°, 60°, 70°, 80°	15°, 30°, 35°, 40°, 60°, 70°, 80°	15°, 30°, 35°, 40°, 60°, 70°, 80°
LUMINOUS EFFICIENCY	110 – 121 lm/W	110 – 121 lm/W	110 – 121 lm/W	110 – 121 lm/W
CCT	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K	3000 K / 4000 K
CRI	> 90	> 90	> 90	> 90
CONTROL	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW	FIX, ADJUST, DALI, 1-10V DALI TW, SWITCH TW
COLOUR FINISH	RAL 9003, RAL 9010, TIGER SILVER BRILANT, RAL 9006, RAL 7005, RAL 7016, RAL 9005, RAL 7006, RAL 8017, RAL 8019, RAL 1035		RAL 2013, RAL 3001, RAL 3004, RAL 1018, RAL 6021, RAL 6018, RAL 6001, RAL 6028, RAL 6003, RAL 6005, RAL 6022, RAL 6034, RAL 5010	

Das Leuchtensortiment MULTILINE DG und BG ist mit einem optischen System mit LED-Strahlern mit verschiedenen Abstrahlwinkeln bestückt, dank derer jetzt noch höhere Raumausleuchtungsniveaus erreicht werden können

Das ausgeklügelte Wärmemanagement trägt zum hohen Wirkungsgrad des LED-Leuchtmittels bei und sorgt für dessen Kühlung

Die Leuchten sind mit LED-Leuchtmitteln mit einer Farbtemperatur von 3.000 K und 4.000 K, einem Farbwiedergabeindex von Ra>90 und der Farbtoleranz MacAdam3 bestückt

Die Lichtstromsteuerung erfolgt mit Hilfe eines DALI- und CASAMBI-Systems unter Nutzung von optischen, infraroten und Funkfrequenzgeräten





Das abgehängte System besteht aus einer Halterung für die Seilaufhängungen und den Seilaufhängungen mit einer verstellbaren Länge bis 1,5 m

Anbau- und Einbau-Varianten lassen sich an/in Gipskarton, Holz oder verschiedenen Verbundstoffplatten anbringen

Ein Versteifungselement verlängert die Lebensdauer der Leuchten um ein Vielfaches und sorgt für die Festigkeit aller Verbindungen

MULTILINE DG a BG-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage





Der optische Teil der Leuchte ist standardmäßig mit 1 und 4 LED-Strahlern mit einem Abstrahlwinkel von 15° bis 80° bestückt, wodurch die MULTILINE-DG- und BG-Leuchten besonders für die Beleuchtung von Innenräumen mit hohen Decken oder von großflächigen Räumen geeignet sind

Multiline DG-C



Anbauleuchte mit direkter Lichtabgabe, ausgestattet mit LED-Strahlern mit einem Abstrahlwinkel von 15° bis 80°



DG-C



LED | IP20 | dimm | 230 V 50 Hz | F

15° | 30° | 35° | 40° | 60° | 75° | 80°

Other dimensions upon request





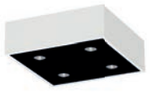
Module 100x100



Module 120x120



Module 200x200



Module 240x240



Code ordering example 3 4 6. 0 0 | 7 8. | 2 8 | 0 1. | 6 2 | 2 5 (Multiline 111 DG-C | 100x100 | 2x3 W | 346 lm | 3000 K Ra80 | 15° | DALI)



MULTILINE 111 DG-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Beam angle	Driver w
Multiline 111 DG-C	350.00	78 100x100	100x100 mm	28 1x3 W	346 lm	01 3000 K | Ra 80	62 15°	00 FIX
					356 lm	02 4000 K | Ra 80	65 30° [1]	01 ADJUST
				21 1x6 W	683 lm		66 35° [2]	25 DALI
					704 lm		**67** 40° [1]	
		00 200x200	200x200 mm	22 4x3 W	1383 lm		**71** 60° [2]	
					1426 lm		74 75° [2]	
				02 4x6 W	2731 lm		**75** 80° [1]	
					2815 lm			
		75 120x120	120x120 mm	01 1x9 W	1005 lm			
					1036 lm			
				22 1x12 W	1316 lm			
					1356 lm			
		01 240x240	240x240 mm	03 4x9 W	4019 lm			
					4144 lm			
				05 4x12 W	5262 lm			
					5425 lm			

[1] not for 120x120, 240x240, | [2] not for 100x100, 200x200

Multiline DG-S



Hängeleuchte mit direkter Lichtabgabe, ausgestattet mit LED-Strahlern mit einem Abstrahlwinkel von 15° bis 80°



DG-S



LED | IP20 | dimm | 230 V 50 Hz | F

15° | 30° | 35° | 40° | 60° | 75° | 80°

Other dimensions upon request





Module 200x200



Module 240x240



Code ordering example 3 4 5. 0 0 | 2 2 | 0 1. | 6 2 | 2 5 (Multiline 111 DG-S | 200x200 | 4x3 W | 1383 lm | 3000 K Ra80 | 15° | DALI)



MULTILINE 111 DG-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Beam angle	Driver w
Multiline 111 DG-S	349.00	00 200x200	200x200 mm	22 4x3 W	1383 lm	01 3000 K | Ra 80	62 15°	00 FIX
					1426 lm	02 4000 K | Ra 80	65 30° [1]	01 ADJUST
				02 4x6 W	2731 lm		66 35° [2]	25 DALI
					2815 lm		**67** 40° [1]	
		01 240x240	240x240 mm	03 4x9 W	4019 lm		**71** 60° [2]	
					4144 lm		74 75° [2]	
				05 4x12 W	5262 lm		**75** 80° [1]	
					5425 lm			

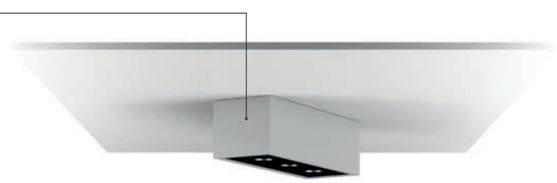
[1] not for 120x120, 240x240, | [2] not for 100x100, 200x200

For a more detailed technical specification and the full list of all variations please see page 384.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Multiline BG-C



Anbauleuchte mit direkter Lichtabgabe, ausgestattet mit LED-Strahlern mit einem Abstrahlwinkel von 15° bis 80°



BG-C



LED | IP20 | dimm | 230 V 50 Hz | F

15° | 30° | 35° | 40° | 60° | 75° | 80°

Other dimensions upon request



Code ordering example 346.00 | 00. | 28 | 01. | 62 | 25 (Multiline 111 BG-C | 200x100 | 2x3 W | 691 lm | 3000 K Ra80 | 15° | DALI)

MULTILINE 111 BG-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Beam angle	Driver w
Multiline 111 BG-C	346.00	00 200x100	200x100 mm	28 2x3 W	691 lm 713 lm	01 3000 K | Ra 80 02 4000 K | Ra 80	62 15° 65 30° [1] 66 35° [2] 67 40° [1] 71 60° [2] 74 75° [2] 75 80° [1]	00 FIX 01 ADJUST 25 DALI
				00 2x6 W	1365 lm 1408 lm			
		02 300x100	300x100 mm	21 3x3 W	1037 lm 1069 lm			
				23 3x6 W	2048 lm 2111 lm			
		01 240x120	240x120 mm	23 2x9 W	2010 lm 2072 lm			
				25 2x12 W	2631 lm 2713 lm			
		03 360x120	360x120 mm	02 3x9 W	3014 lm 3108 lm			
				03 3x12 W	3947 lm 4069 lm			

[1] not for 240x120, 360x120, | [2] not for 200x100, 300x100

Multiline BG-S



Hängeleuchte mit direkter Lichtabgabe, ausgestattet mit LED-Strahlern mit einem Abstrahlwinkel von 15° bis 80°



BG-S



LED | IP20 | dimm | 230 V 50 Hz | F

15° | 30° | 35° | 40° | 60° | 75° | 80°

Other dimensions upon request





Code ordering example 345.00 | 00. | 28 | 01. | 62 | 25 (Multiline 111 BG-S | 200x200 | 2x3 W | 691 lm | 3000 K Ra80 | 15° | DALI)

MULTILINE 111 BG-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Beam angle	Driver w
Multiline 111 BG-S	345.00	00 200x100	200x100 mm	28 2x3 W	691 lm 713 lm	01 3000 K | Ra 80 02 4000 K | Ra 80	62 15° 65 30° [2] 66 35° [1] 67 40° [2] 71 60° [1] 74 75° [1] 75 80° [2]	00 FIX 01 ADJUST 25 DALI
				00 2x6 W	1365 lm 1408 lm			
		02 300x100	300x100 mm	21 3x3 W	1037 lm 1069 lm			
				23 3x6 W	2048 lm 2111 lm			
		01 240x120	240x120 mm	23 2x9 W	2010 lm 2072 lm			
				25 2x12 W	2631 lm 2713 lm			
		03 360x120	360x120 mm	02 3x9 W	3014 lm 3108 lm			
				03 3x12 W	3947 lm 4069 lm			

For a more detailed technical specification and the full list of all variations please see page 384.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.



MULTILINE 45 D



MULTILINE 55 D



MULTILINE 80 D



MULTILINE 111 D

MODULE	**400x400**	**400x400**	**600x600**	**600x600**	**900x600**	**900x600**	**400x400**	**400x400**	**600x600**	**600x600**	**900x600**	**900x600**	**300x300**	**300x300**	**600x600**	**600x600**	**900x900**	**900x900**	**300x300**	**300x300**	**600x600**	**600x600**	**900x900**	**900x900**
value for – direct	20W	25W	35W	70W	70W	105W	20W	25W	35W	70W	70W	105W	10W	20W	35W	70W	70W	105W	10W	20W	35W	70W	70W	105W
value for chip – direct 4000K	2963 lm	4391 lm	5925 lm	11308 lm	12208 lm	16707 lm	2963 lm	4391 lm	5925 lm	11308 lm	12208 lm	16707 lm	1481 lm	2827 lm	11709 lm	11308 lm	12208 lm	16707 lm	1481 lm	2827 lm	11709 lm	11308 lm	12208 lm	16707 lm
suspended	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
suspended D/I																								
ceiling							·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
ceiling D/I																								
2700 K Ra80	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%
3000 K Ra80	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
4000 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
6500 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%
4000 K Ra90	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
Microprism	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%
Satine	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%
FIX 3-LPN	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
FIX EM1 4-LPN+Lun	·	·	·	·	·	·	·	·	·	·	·	·				·		·				·		·
FIX EM3 4-LPN+Lun	·	·	·	·	·	·	·	·	·	·	·	·				·		·				·		·
ADJUST 3-LPN	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
ADJUST EM1 4-LPN+Lun					30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%				30-130%		30-130%				30-130%		30-130%
ADJUST EM3 4-LPN+Lun					30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%						30-130%						30-130%
DALI ADJUST 5-LPN+DA	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun					30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%				30-130%		30-130%				30-130%		30-130%
DALI ADJUST EM3 6-LPN+DA+Lun					30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%						30-130%						30-130%
0-10V 5-LPN+DIM	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
DALI TW ADJUST 5-LPN+DA	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun					50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%				30-130%		30-130%				30-130%		30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun					50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%						30-130%						30-130%
SWITCH TW ADJUST 6-LPN+LNL	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun					50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%				30-130%		30-130%				30-130%		30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun					50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%						30-130%						30-130%

Driver is not ntegrated into the luminaire

RGB |RGBW | DMX 512 | PWM | CASAMBI | BLL | net4more | ready2mains | ZigBee | Phase Cut | DALI 2 | KNX | Z-wave | connecDIM | basicDIM Wireless | EnOcean – on demand



MULTILINE 45 B



MULTILINE 55 B



MULTILINE 80 B



MULTILINE 111 B

MODULE	**1200**	**1500**	**1200**	**1500**	**1200**	**1500**	**1200**	**1500**	**1800**	**1800**	**300x300**	**300x300**	**600x600**	**600x600**	**900x900**	**900x900**	**300x300**	**300x300**	**600x600**	**600x600**	**900x900**	**900x900**
value for – direct	50W	70W	50+20W	70+35W	50W	70W	50+20W	70+35W	35+20W	70+20W	10W	20W	35W	70W	70W	105W	10W	20W	35W	70W	70W	105W
value for chip – direct 4000K	8832 lm	11709 lm	8832 lm	11709 lm	8832 lm	11709 lm	8832 lm	11709 lm	8617 lm	14297 lm	1481 lm	2827 lm	11709 lm	11308 lm	12208 lm	16707 lm	1481 lm	2827 lm	11709 lm	11308 lm	12208 lm	16707 lm
suspended	·	·	·	·	·	·	·	·			·	·	·	·	·	·	·	·	·	·	·	·
suspended D/I	·	·	·	·	·	·	·	·														
ceiling											·	·	·	·	·	·	·	·	·	·	·	·
floor lamp D/I									·	·												
2700 K Ra80	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%
3000 K Ra80	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
4000 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
6500 K Ra80	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra80	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%	91-100%
3000 K Ra90	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%
4000 K Ra90	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%
2700-6500 K Ra90	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%	78-84%
Microprism	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%
Satine	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%
FIX 3-LPN	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
FIX EM1 4-LPN+Lun	·	·	·	·		·	·		·	·				·		·				·		·
FIX EM3 4-LPN+Lun							·		·	·				·		·				·		·
ADJUST 3-LPN	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
ADJUST EM1 4-LPN+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%						30-130%		30-130%				30-130%		30-130%
ADJUST EM3 4-LPN+Lun					30-130%	30-130%	30-130%	30-130%								30-130%						30-130%
DALI ADJUST 5-LPN+DA	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	65-125%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%						30-130%		30-130%				30-130%		30-130%
DALI ADJUST EM3 6-LPN+DA+Lun					30-130%	30-130%	30-130%	30-130%								30-130%						30-130%
0-10V 5-LPN+DIM	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
DALI TW ADJUST 5-LPN+DA	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	25-150%	25-150%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
DALI TW ADJ. EM1 6-LPN+DA+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	25-150%	25-150%						30-130%		30-130%				30-130%		30-130%
DALI TW ADJ. EM3 6-LPN+DA+Lun					30-130%	30-130%	25-150%	25-150%								30-130%						30-130%
SWITCH TW ADJ. 6-LPN+LNL	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	25-150%	25-150%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%
SWITCH TW ADJ. EM1 7-LPN+LNL+Lun	30-130%	30-130%	30-130%	30-130%	30-130%	30-130%	25-150%	25-150%						30-130%		30-130%				30-130%		30-130%
SWITCH TW ADJ. EM3 7-LPN+LNL+Lun					30-130%	30-130%	25-150%	25-150%								30-130%						30-130%

Driver is not ntegrated into the luminaire

RGB |RGBW | DMX 512 | PWM | CASAMBI | BLL | net4more | ready2mains | ZigBee | Phase Cut | DALI 2 | KNX | Z-wave | connecDIM | basicDIM Wireless | EnOcean – on demand



MULTILINE 111 DG	**100x100**	**100x100**	**120x120**	**120x120**	**200x200**	**200x200**	**240x240**	**240x240**
value for – direct	3W	6W	9W	12W	4x3W	4x6W	4x9W	4x12W
value for chip – direct 4000K	396 lm	782 lm	1151 lm	1507 lm	1584 lm	3128 lm	4604 lm	6028 lm
suspended	•	•	•	•	•	•	•	•
suspended D/I								
ceiling	•	•	•	•	•	•	•	•
ceiling D/I								
recessed	•	•	•	•	•	•	•	•
trimless	•	•	•	•	•	•	•	•
semirecessed								
2700 K Ra80								
3000 K Ra80								
4000 K Ra80								
6500 K Ra80								
2700-6500 K Ra80								
3000 K Ra90	97%	97%	97%	97%	97%	97%	97%	97%
4000 K Ra90	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra90								
15° beam angle	•	•	•	•	•	•	•	•
30° beam angle	•	•			•	•		
35° beam angle			•	•			•	•
40° beam angle	•	•			•	•		
60° beam angle			•	•			•	•
75° beam angle			•	•			•	•
80° beam angle	•	•			•	•		
FIX 3-LPN	•	•	•	•	•	•	•	•
FIX EM1 4-LPN+Lun								
FIX EM3 4-LPN+Lun								
ADJUST 3-LPN	50-100%	50-100%	50-100%	50-100%	50-100%	50-100%	50-100%	50-100%
ADJUST EM1 4-LPN+Lun								
ADJUST EM3 4-LPN+Lun								
DALI ADJUST 5-LPN+DA	50-100%	50-100%	50-100%	50-100%	50-100%	50-100%	50-100%	50-100%
DALI ADJUST EM1 6-LPN+DA+Lun								
DALI ADJUST EM3 6-LPN+DA+Lun								
0-10V 5-LPN+DIM								
DALI TW ADJUST 5-LPN+DA								
DALI TW ADJUST EM1 6-LPN+DA+Lun								
DALI TW ADJUST EM3 6-LPN+DA+Lun								
SWITCH TW ADJ. 6-LPN+LNL								
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun								
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun								

RGB |RGBW | DMX 512 | PWM | CASAMBI | BLL | net4more | ready2mains | ZigBee | Phase Cut | DALI 2 | KNX | Z-wave | connecDIM | basicDIM Wireless | EnOcean – on demand



MULTILINE 111 BG	**200x100**	**300x100**	**200x100**	**300x100**	**240x120**	**360x120**	**240x120**	**360x120**
value for – direct	2x3W	3x3W	2x6W	3x6W	2x9W	3x9W	2x12W	3x12W
value for chip – direct 4000K	792 lm	1188 lm	1564 lm	2346 lm	2302 lm	3453 lm	3014 lm	4521 lm
suspended	•	•	•	•	•	•	•	•
suspended D/I								
ceiling	•	•	•	•	•	•	•	•
ceiling D/I								
recessed								
trimless								
semirecessed								
2700 K Ra80								
3000 K Ra80								
4000 K Ra80								
6500 K Ra80								
2700-6500 K Ra80								
3000 K Ra90	97%	97%	97%	97%	97%	97%	97%	97%
4000 K Ra90	100%	100%	100%	100%	100%	100%	100%	100%
2700-6500 K Ra90								
15° beam angle	•	•	•	•	•	•	•	•
30° beam angle	•	•	•	•				
35° beam angle					•	•	•	•
40° beam angle	•	•	•	•				
60° beam angle					•	•	•	•
75° beam angle					•	•	•	•
80° beam angle	•	•	•	•				
FIX 3-LPN	•	•	•	•	•	•	•	•
FIX EM1 4-LPN+Lun								
FIX EM3 4-LPN+Lun								
ADJUST 3-LPN	50-100%	50-100%	50-100%	50-100%	50-100%	50-100%	50-100%	50-100%
ADJUST EM1 4-LPN+Lun								
ADJUST EM3 4-LPN+Lun								
DALI ADJUST 5-LPN+DA	50-100%	50-100%	50-100%	50-100%	50-100%	50-100%	50-100%	50-100%
DALI ADJUST EM1 6-LPN+DA+Lun								
DALI ADJUST EM3 6-LPN+DA+Lun								
0-10V 5-LPN+DIM								
DALI TW ADJUST 5-LPN+DA								
DALI TW ADJUST EM1 6-LPN+DA+Lun								
DALI TW ADJUST EM3 6-LPN+DA+Lun								
SWITCH TW ADJUST 6-LPN+LNL								
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun								
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun								



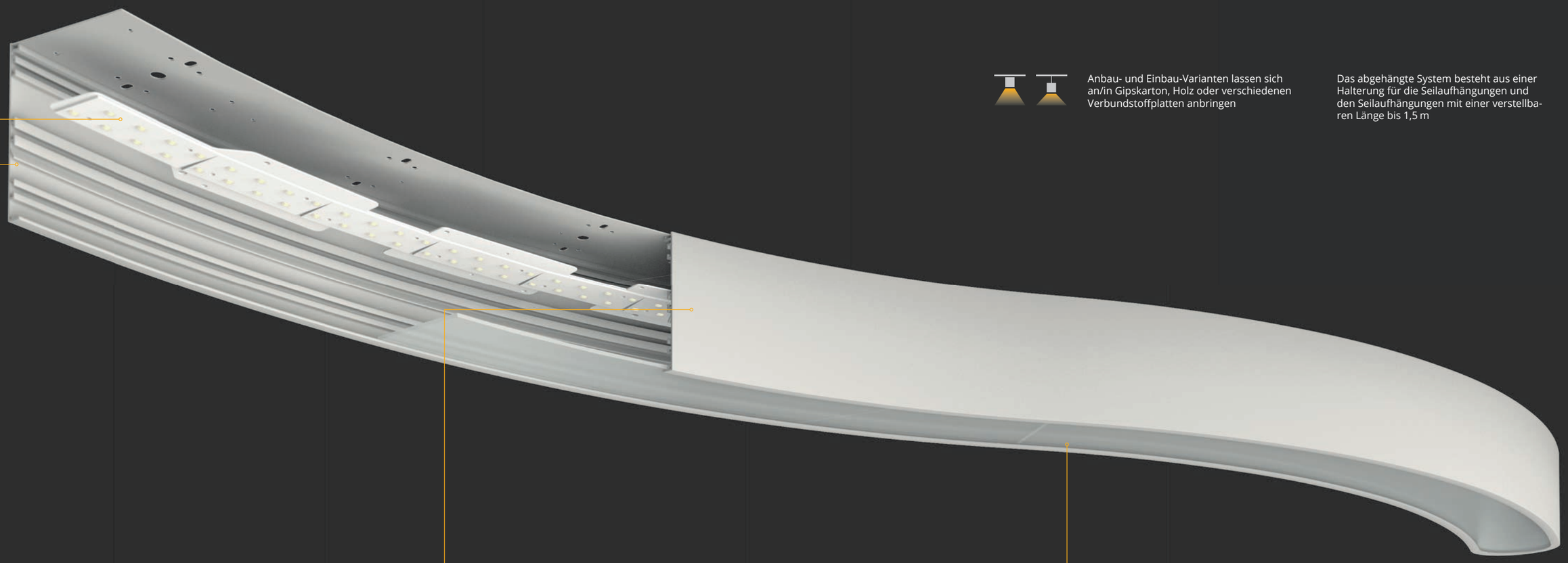
Multiline

MULTILINE S und K ist ein Leuchtensortiment in Anbau- und abgehängter Ausführung zur Bildung von kreis- oder schlangenförmigen Zusammenstellungen in unterschiedlicher Größe

Die Leuchten sind mit LED-Leuchtmitteln in mehreren Leistungsvarianten mit einer Farbtemperatur von 3000 K, 4000 K, einem Farbwiedergabeindex von Ra>80 und einer Farbtoleranz MacAdam3 bestückt

Die Lichtstromsteuerung erfolgt mit Hilfe eines DALI-, DSI-, PWM-, DMX-, TW-Systems unter Nutzung von optischen, infraroten und Funkfrequenzgeräten

Das ausgeklügelte Wärmemanagement trägt zum hohen Wirkungsgrad des LED-Leuchtmittels bei und sorgt für dessen Kühlung



Anbau- und Einbau-Varianten lassen sich an/in Gipskarton, Holz oder verschiedenen Verbundstoffplatten anbringen

Das abgehängte System besteht aus einer Halterung für die Seilaufhängungen und den Seilaufhängungen mit einer verstellbaren Länge bis 1,5 m

Ein Versteifungselement verlängert die Lebensdauer der Leuchten um ein Vielfaches und sorgt für die Festigkeit aller Verbindungen

MULTILINE S a K-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage

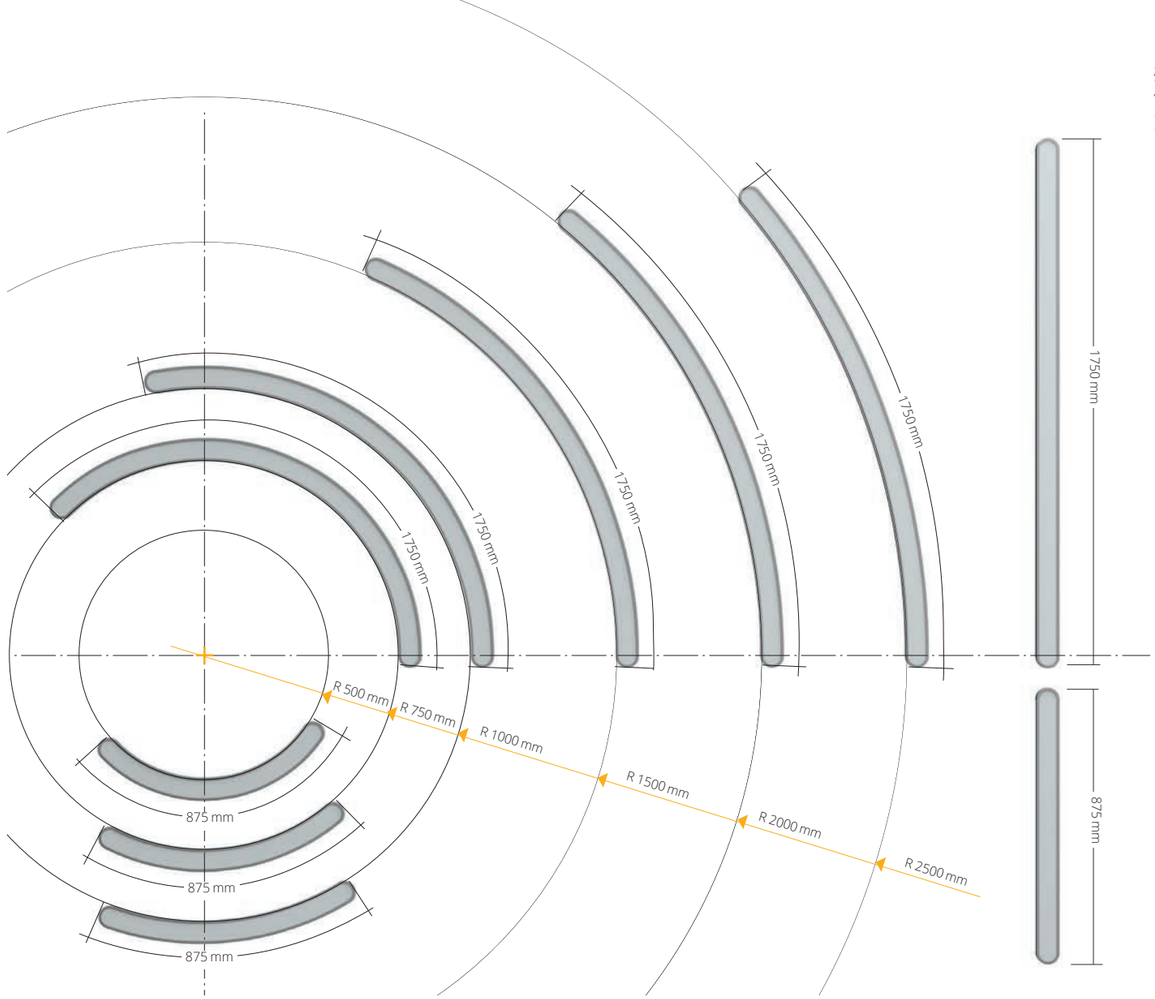


Der optische Teil der Leuchte ist standardmäßig mit einem SATINE-Diffusor ausgestattet

SATINE Der undurchsichtige SATINE-Diffusor erzeugt weiches, diffuses, homogenes Licht, das den Raum optisch vergrößert und diesem somit ein ästhetisches Erscheinungsbild verleiht

Multiline S-C





Anbauleuchte mit direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE-Diffusor ausgestattet



S-C





Code ordering example 1 0 0. 1 7 | 1 4. | 0 2 | 3 0. | 0 2 | 0 1 (Multiline 111 S-S | 875 | 25 W | 1993 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 S-C (ceiling direct)
MULTILINE 111 S-C (ceiling direct)

	Product code	Module code	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 S-C	109.17	14 875	02 25 W	1993 lm 2121 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
Multiline 111 S-C	101.17	80 875 R500	02 25 W	1993 lm 2121 lm			
		81 875 R700	02 25 W	1993 lm 2121 lm			
		83 875 R1000	02 25 W	1993 lm 2121 lm			
		31 1750	05 50 W	3986 lm 4241 lm			
		82 1750 R750	05 50 W	3986 lm 4241 lm			
		84 1750 R1000	05 50 W	3986 lm 4241 lm			
		85 1750 R1500	05 50 W	3986 lm 4241 lm			
		86 1750 R2000	05 50 W	3986 lm 4241 lm			
		87 1750 R2500	05 50 W	3986 lm 4241 lm			

For a more detailed technical specification and the full list of all variations please see page 396.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

LED | IP20 | dimm | TW | 230 V 50 Hz | F

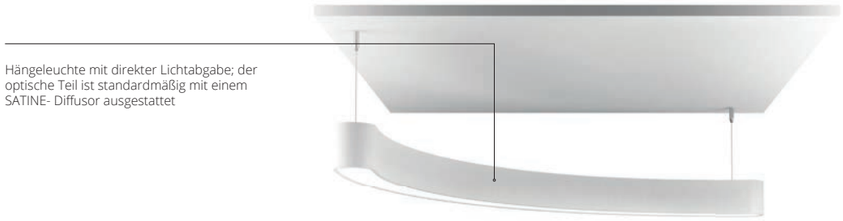


MULTILINE-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage





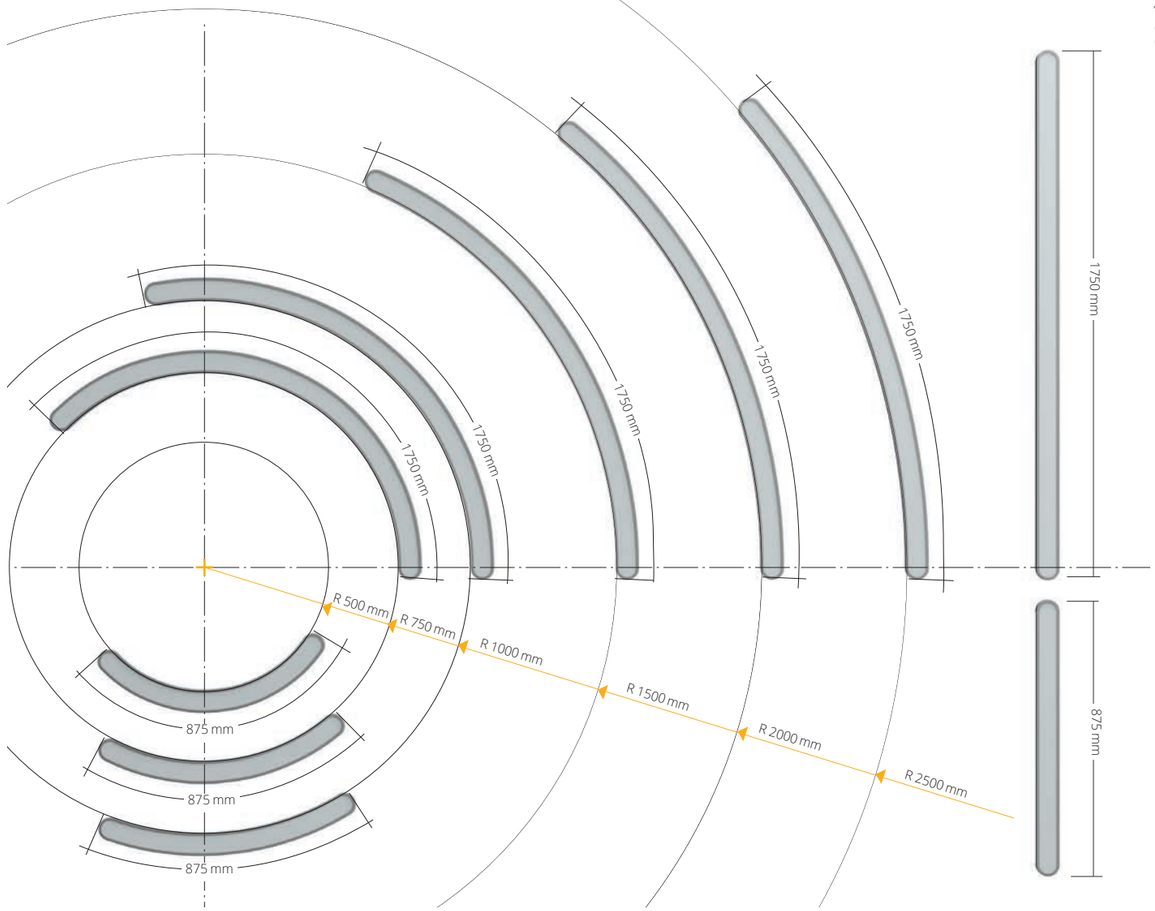
Multiline S-S



Hängeleuchte mit direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- Diffusor ausgestattet

S-S





111

LED | IP20 | dimm | TW | 230 V 50 Hz | F

80

111

Aufhängungssystem:
Abdeckung mit Kabel ø 81, 01,135 mm
Halterung für die Seilaufhängung
Seilaufhängungen Standardlänge 1,5 m



Code ordering example 1 0 0. 1 7 | 1 4. | 0 2 | 3 0. | 0 2 | 0 1 (Multiline 111 S-S | 875 | 25 W | 1993 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 80 S-S (suspended direct)
MULTILINE 111 S-S (suspended direct)

	Product code	Module code	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 80 S-S	108.17	14 875	02 25 W	1993 lm 2121 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW 44 SWITCH TW
Multiline 111 S-S	100.17	80 875 R500	02 25 W	1993 lm 2121 lm			
		81 875 R700	02 25 W	1993 lm 2121 lm			
		83 875 R1000	02 25 W	1993 lm 2121 lm			
		31 1750	05 50 W	3986 lm 4241 lm			
		82 1750 R750	05 50 W	3986 lm 4241 lm			
		84 1750 R1000	05 50 W	3986 lm 4241 lm			
		85 1750 R1500	05 50 W	3986 lm 4241 lm			
		86 1750 R2000	05 50 W	3986 lm 4241 lm			
		87 1750 R2500	05 50 W	3986 lm 4241 lm			

For a more detailed technical specification and the full list of all variations please see page 396.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

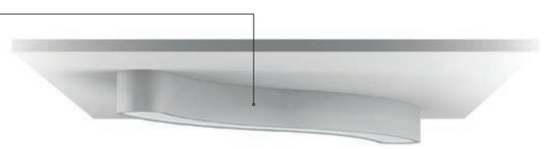
Multiline K-C



Multiline K-S



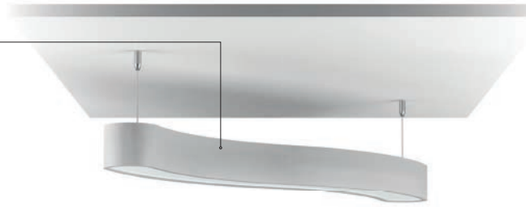
Anbauleuchte mit direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE-Diffusor ausgestattet



K-S



Hängeleuchte mit direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE-Diffusor ausgestattet



EC-S DI



LED | IP20 | dimm | TW | 230 V 50 Hz | F



Code ordering example 1 0 1. 0 9 | 3 2. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 111 K-C | 1800 | 70 W | 5503 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 K-C (ceiling direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 K-C	101.09	32 1800	1800x106 mm	07 70 W	5503 lm 5855 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]

[1] not for 1800 105 W

LED | IP20 | dimm | TW | 230 V 50 Hz | F

Aufhängungssystem:
Abdeckung mit Kabel ø 81, 01,135 mm
Halterung für die Seilaufhängung
Seilaufhängungen Standardlänge 1,5 m





Code ordering example 1 0 0. 0 9 | 3 2. | 0 7 | 3 0. | 0 2 | 0 1 (Multiline 111 K-S | 1800 | 70 W | 5503 lm | 3000 K Ra80 | Satine | ADJUST)

MULTILINE 111 K-S (suspended direct)

	Product code	Module code	Dimension	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Multiline 111 K-S	100.09	32 1800	1800x106 mm	07 70 W	5503 lm 5855 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 32 DALI TW [1] 44 SWITCH TW [1]

[1] not for 1800 105 W

For a more detailed technical specification and the full list of all variations please see page 396.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.



MULTILINE 80 S	875	1750
value for – direct	25W	50W
value for chip – direct 4000K	4241 lm	8181 lm
suspended	•	•
suspended D/I		
ceiling	•	•
ceiling D/I		
2700 K Ra80	93%	93%
3000 K Ra80	94%	94%
4000 K Ra80	100%	100%
6500 K Ra80	100%	100%
2700-6500 K Ra80	91-100%	91-100%
3000 K Ra90	81%	81%
4000 K Ra90	84%	84%
2700-6500 K Ra90	78-84%	78-84%
Microprism		
Satine	50%	50%
FIX 3-LPN	•	•
FIX EM1 4-LPN+Lun	•	•
FIX EM3 4-LPN+Lun		
ADJUST 3-LPN	30-130%	30-130%
ADJUST EM1 4-LPN+Lun		30-130%
ADJUST EM3 4-LPN+Lun		
DALI ADJUST 5-LPN+DA	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun		30-130%
dDALI ADJUST EM3 6-LPN+DA+Lun		
0-10V 5-LPN+DIM	•	•
DALI TW ADJUST 5-LPN+DA	30-130%	30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun		
DALI TW ADJUST EM3 6-LPN+DA+Lun		
SWITCH TW ADJUST 6-LPN+LNL	30-130%	30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun		
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun		



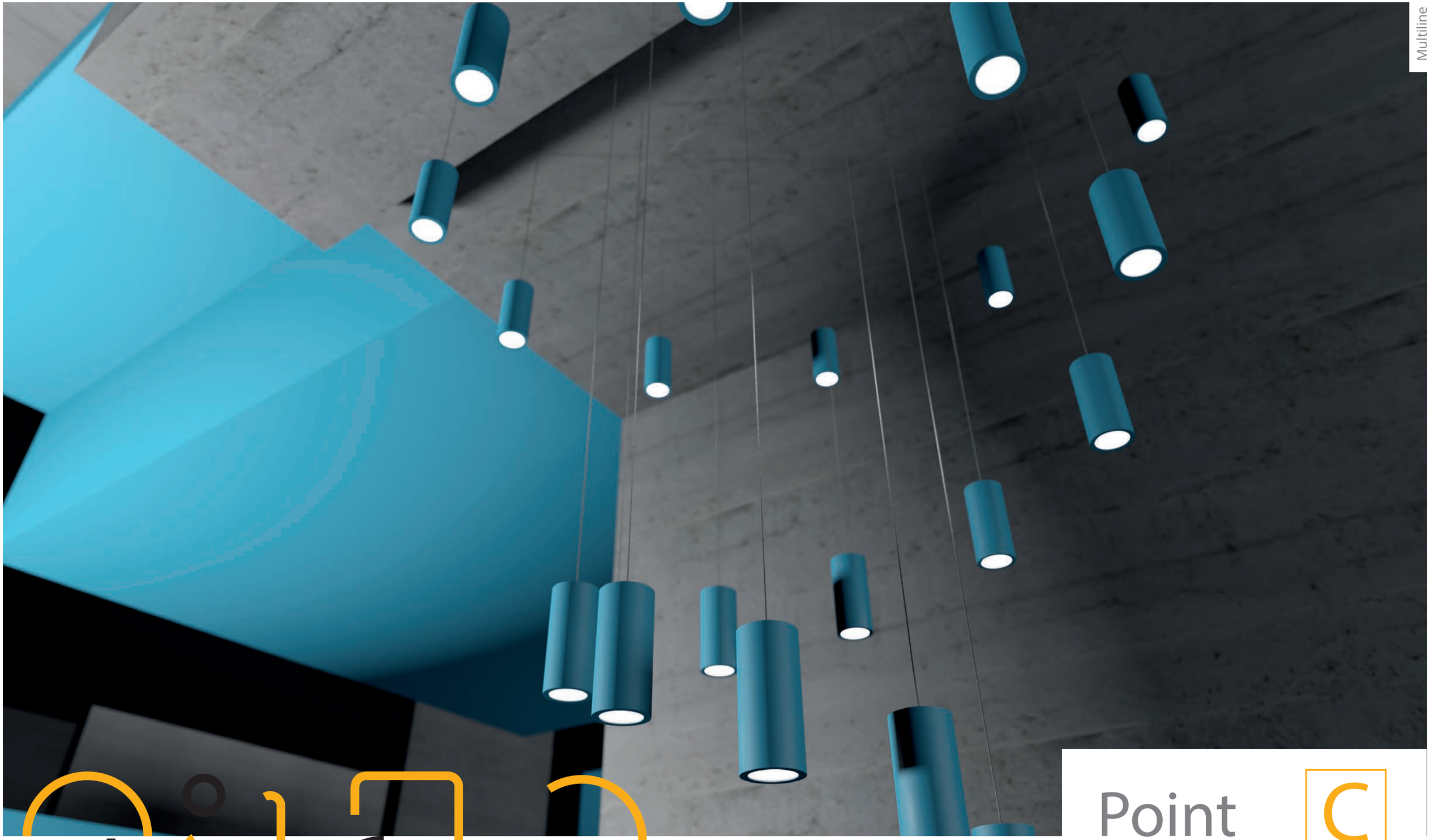
MULTILINE 111 S	875	1750
value for – direct	25W	50W
value for chip – direct 4000K	4241 lm	8181 lm
suspended	•	•
suspended D/I		
ceiling	•	•
ceiling D/I		
2700 K Ra80	93%	93%
3000 K Ra80	94%	94%
4000 K Ra80	100%	100%
6500 K Ra80	100%	100%
2700-6500 K Ra80	91-100%	91-100%
3000 K Ra90	81%	81%
4000 K Ra90	84%	84%
2700-6500 K Ra90	78-84%	78-84%
Microprism		
Satine	50%	50%
FIX 3-LPN	•	•
FIX EM1 4-LPN+Lun	•	•
FIX EM3 4-LPN+Lun		
ADJUST 3-LPN	30-130%	30-130%
ADJUST EM1 4-LPN+Lun		30-130%
ADJUST EM3 4-LPN+Lun		
DALI ADJUST 5-LPN+DA	30-130%	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun		30-130%
DALI ADJUST EM3 6-LPN+DA+Lun		
0-10V 5-LPN+DIM	•	•
DALI TW ADJUST 5-LPN+DA	30-130%	30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun		
DALI TW ADJUST EM3 6-LPN+DA+Lun		
SWITCH TW ADJUST 6-LPN+LNL	30-130%	30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun		
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun		



MULTILINE 111 K	1800
value for – direct	70W
value for chip – direct 4000K	11709 lm
suspended	•
suspended D/I	
ceiling	•
ceiling D/I	
2700 K Ra80	93%
3000 K Ra80	94%
4000 K Ra80	100%
6500 K Ra80	100%
2700-6500 K Ra80	91-100%
3000 K Ra90	81%
4000 K Ra90	84%
2700-6500 K Ra90	78-84%
Microprism	
Satine	50%
FIX 3-LPN	•
FIX EM1 4-LPN+Lun	•
FIX EM3 4-LPN+Lun	
ADJUST 3-LPN	30-130%
ADJUST EM1 4-LPN+Lun	30-130%
ADJUST EM3 4-LPN+Lun	
DALI ADJUST 5-LPN+DA	30-130%
DALI ADJUST EM1 6-LPN+DA+Lun	30-130%
DALI ADJUST EM3 6-LPN+DA+Lun	
0-10V 5-LPN+DIM	•
DALI TW ADJUST 5-LPN+DA	30-130%
DALI TW ADJUST EM1 6-LPN+DA+Lun	30-130%
DALI TW ADJUST EM3 6-LPN+DA+Lun	
SWITCH TW ADJUST 6-LPN+LNL	30-130%
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun	30-130%
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun	

RGB |RGBW | DMX 512 | PWM | CASAMBI | BLL | net4more | ready2mains | ZigBee | Phase Cut | DALI 2 | KNX | Z-wave | connecDIM | basicDIM Wireless | EnOcean – on demand





Point C

Point C-C



Code ordering example 3 1 1. 0 3 | 7 5. | 3 8 | 3 0. | 0 2 | 2 5 (Point C-C 111 | ø 170 mm | 3 W | 408 lm | 3000 K Ra80 | Satine | DALI)

POINT C-C (ceiling direct)

	Product code	Module code	Dimension L	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Point C-C	311.02	74 80	ø 120 mm	38 3 W	347 lm 369 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI
				28 6 W	519 lm 552 lm			
	311.03	74 80	ø 160 mm	38 3 W	408 lm 434 lm			
				28 6 W	558 lm 594 lm			
				21 9 W	816 lm 869 lm			
	311.02	75 111	ø 120 mm	38 3 W	347 lm 369 lm			
				28 6 W	519 lm 552 lm			
	311.03	75 111	ø 160 mm	38 3 W	408 lm 434 lm			
				28 6 W	558 lm 594 lm			
				21 9 W	816 lm 869 lm			
	311.01	76 180	ø 80 mm	38 3 W	311 lm 331 lm			
	311.02	76 180	ø 120 mm	38 3 W	347 lm 369 lm			
				28 6 W	519 lm 552 lm			
				21 9 W	726 lm 773 lm			
	311.03	76 180	ø 160 mm	38 3 W	408 lm 434 lm			
				28 6 W	558 lm 594 lm			
				21 9 W	816 lm 869 lm			
				00 12 W	1306 lm 1390 lm			
	311.02	74 80	ø 120 mm	38 3 W	370 lm 394 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
				28 6 W	553 lm 589 lm			
	311.03	74 80	ø 160 mm	38 3 W	435 lm 463 lm			
				28 6 W	596 lm 634 lm			
				21 9 W	871 lm 926 lm			
	311.02	75 111	ø 120 mm	38 3 W	370 lm 394 lm			
				28 6 W	553 lm 589 lm			
	311.03	75 111	ø 160 mm	38 3 W	435 lm 463 lm			
				28 6 W	596 lm 634 lm			
				21 9 W	871 lm 926 lm			
	311.01	76 180	ø 80 mm	38 3 W	332 lm 353 lm			
	311.02	76 180	ø 120 mm	38 3 W	370 lm 394 lm			
				28 6 W	553 lm 589 lm			
				21 9 W	775 lm 824 lm			
	311.03	76 180	ø 160 mm	38 3 W	435 lm 463 lm			
				28 6 W	596 lm 634 lm			
				21 9 W	871 lm 926 lm			
				00 12 W	1393 lm 1482 lm			

For a more detailed technical specification and the full list of all variations please see page 404.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

Anbauleuchte mit direkter Lichtabgabe; der optische Teil ist standardmäßig mit einem SATINE- oder MICROPRISM-Diffusor ausgestattet



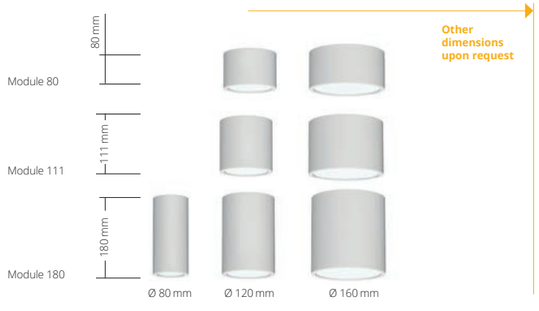
POINT C



LED | IP40 | dimm | 230 V 50 Hz | F



MULTILINE-Leuchten gibt es standardmäßig in 24 ausgesuchten RAL-Farben, pulverbeschichtet, in matter, glänzender oder fein strukturierter Ausführung, weitere RAL-Farben auf Anfrage



Point C-S



Hängeleuchte mit direkter Lichtabgabe;
der optische Teil ist standardmäßig mit
einem SATINE- oder MICROPRISM-Diffusor
ausgestattet

POINT S

LED | IP40 | dimm | 230 V 50 Hz | F

Aufhängungssystem:
Abdeckung mit Kabel ø 81, 01,135 mm
Halterung für die Seilaufhängung
Seilaufhängungen Standardlänge 1,5 m





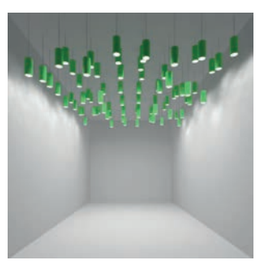
Code ordering example 3 1 2. 0 3 | 7 6. | 3 8 | 3 0. | 0 2 | 2 5 (Point C-S 180 | ø 170 mm | 3 W | 408 lm | 3000 K Ra80 | Satine | DALI)

POINT C-S (suspended direct)

	Product code	Module code	Dimension L	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Point C-S	312.01	76 180	ø 80 mm	38 3 W	311 lm 331 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI
	312.02	76 180	ø 120 mm	38 3 W	347 lm 369 lm			
				28 6 W	519 lm 552 lm			
				21 9 W	726 lm 773 lm			
	312.03	76 180	ø 160 mm	38 3 W	408 lm 434 lm			
				28 6 W	558 lm 594 lm			
				21 9 W	816 lm 869 lm			
				00 12 W	1306 lm 1390 lm			
	312.01	76 180	ø 80 mm	38 3 W	332 lm 353 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	03 Microprism	
	312.02	76 180	ø 120 mm	38 3 W	370 lm 394 lm			
				28 6 W	553 lm 589 lm			
				21 9 W	775 lm 824 lm			
	312.03	76 180	ø 160 mm	38 3 W	435 lm 463 lm			
				28 6 W	596 lm 634 lm			
				21 9 W	871 lm 926 lm			
				00 12 W	1393 lm 1482 lm			

Inspiration







For a more detailed technical specification and the full list of all variations please see page 404.
The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.

POINT C	**80x180**	**120x180**	**170x180**	**120x180**	**170x180**	**120x180**	**170x180**	**170x180**	**120x111**	**170x111**	**120x111**	**170x111**	**170x111**	**120x80**	**170x80**	**120x80**	**170x80**	**170x80**
value for – direct	3W	3W	3W	6W	6W	9W	9W	12W	3W	3W	6W	6W	9W	3W	3W	6W	6W	9W
value for chip – direct 4000K	441 lm	492 lm	579 lm	736 lm	792 lm	1030 lm	1158 lm	1853 lm	492 lm	579 lm	736 lm	792 lm	1158 lm	492 lm	579 lm	736 lm	792 lm	1158 lm
suspended	•	•	•	•	•	•	•	•										
suspended D/I																		
ceiling	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ceiling D/I																		
2700 K Ra80																		
3000 K Ra80	94,00%	94,00%	94,00%	94,00%	94,00%	94,00%	94,00%	94,00%	94,00%	94,00%	94,00%	94,00%	94,00%	94,00%	94,00%	94,00%	94,00%	94,00%
4000 K Ra80	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
6500 K Ra80																		
2700-6500 K Ra80																		
3000 K Ra90																		
4000 K Ra90																		
2700-6500 K Ra90																		
Satine	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%
Microprism	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%	78%
FIX 3-LPN	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FIX EM1 4-LPN+Lun																		
FIX EM3 4-LPN+Lun																		
ADJUST 3-LPN	85-150%	85-150%	100-200%	50-140%	50-140%	50-140%	50-100%	30-100%	85-150%	100-200%	50-100%	50-130%	50-100%	85-150%	100-200%	50-100%	50-100%	50-100%
ADJUST EM1 4-LPN+Lun																		
ADJUST EM3 4-LPN+Lun																		
DALI ADJUST 5-LPN+DA	85-150%	85-150%	100-200%	50-140%	50-140%	50-140%	50-100%	30-100%	85-150%	100-200%	50-100%	50-130%	50-100%	85-150%	100-200%	50-100%	50-100%	50-100%
DALI ADJUST EM1 6-LPN+DA+Lun																		
DALI ADJUST EM3 6-LPN+DA+Lun																		
0-10V 5-LPN+DIM																		
DALI TW ADJUST 5-LPN+DA																		
DALI TW ADJUST EM1 6-LPN+DA+Lun																		
DALI TW ADJUST EM3 6-LPN+DA+Lun																		
SWITCH TW ADJUST 6-LPN+LNL																		
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun																		
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun																		
suplly 3-LPN	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
suplly 4-LPN+Lun																		
suplly 5-LPN+DA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
suplly 6-LPN+DA+Lun																		
suplly 7-LPN+LNL+Lun																		

RGB |RGBW | DMX 512 | PWM | CASAMBI | BLL | net4more | ready2mains | ZigBee | Phase Cut | DALI 2 | KNX | Z-wave | connecDIM | basicDIM Wireless | EnOcean – on demand

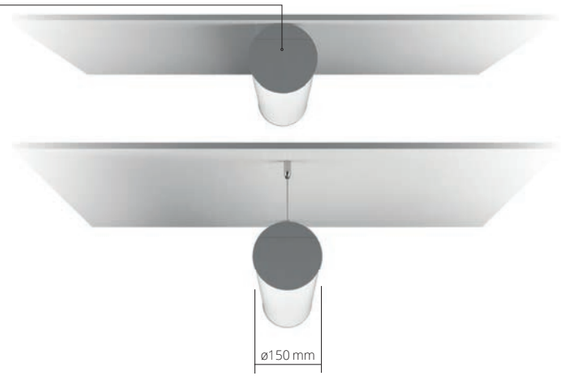


Valo C S

Valo C / S



Anbau- und Hängeleuchte bietet unkonventionelle Beleuchtungslösungen für verschiedene Arten von Innenräumen, sowohl in abgehängter als auch in angebauter Ausführung; der optische Teil ist standardmäßig mit einem SATINE-Diffusor ausgestattet



Valo C



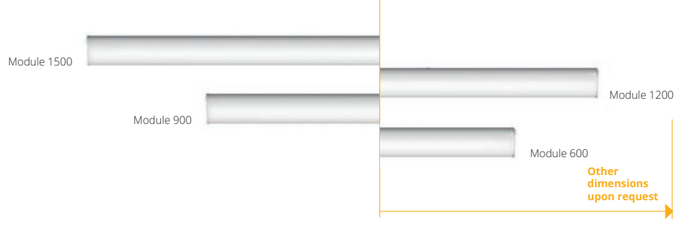
Valo S



LED | IP40 | dimm | TW | 230 V 50 Hz | F

Aufhängungssystem:
Abdeckung mit Kabel ø 81, 01,135 mm
Halterung für die Seilaufhängung
Seilaufhängungen Standardlänge 1,5 m





Code ordering example 206.00 | 20. | 07 | 30. | 02 | 01 (Valo C | 1200 | 35 W | 3401 lm | 3000 K Ra80 | Satine | ADJUST)

Valo C (ceiling)

	Product code	Module code	Dimension L	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Valo C	206.00	08 600	600 mm	01 20 W	1701 lm 1809 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 47 CASAMBI [1]
		14 900	900 mm	02 25 W	2551 lm 2714 lm			
		20 1200	1200 mm	03 35 W	3401 lm 3619 lm			
		26 1500	1500 mm	04 40 W	4252 lm 4524 lm			

[1] on demand

Code ordering example 205.00 | 14. | 0 | 30. | 02 | 00 (Valo -S | 900 | 25 W | 2551 lm | 3000 K Ra80 | Satine | FIX)

Valo S (suspended)

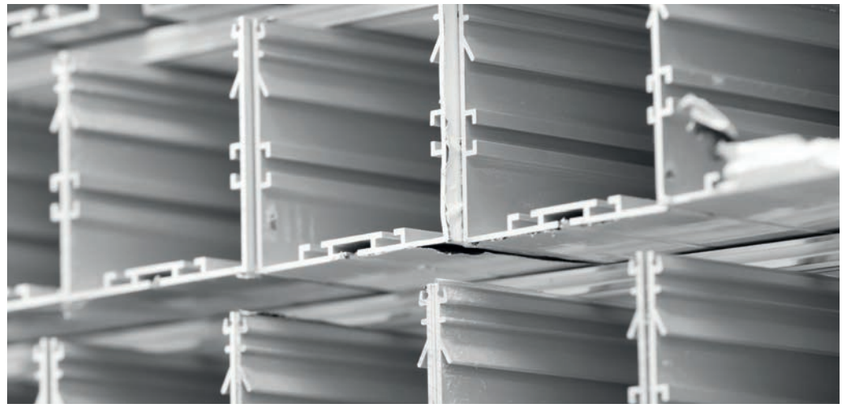
	Product code	Module code	Dimension L	Power code	Product Lumen	CCT | CRI code	Diffuser	Driver
Valo S	205.00	08 600	600 mm	01 20 W	1701 lm 1809 lm	30 3000 K | Ra 80 40 4000 K | Ra 80	02 Satine	00 FIX 01 ADJUST 25 DALI 35 1-10V 47 CASAMBI [1]
		14 900	900 mm	02 25 W	2551 lm 2714 lm			
		20 1200	1200 mm	03 35 W	3401 lm 3619 lm			
		26 1500	1500 mm	04 40 W	4252 lm 4524 lm			

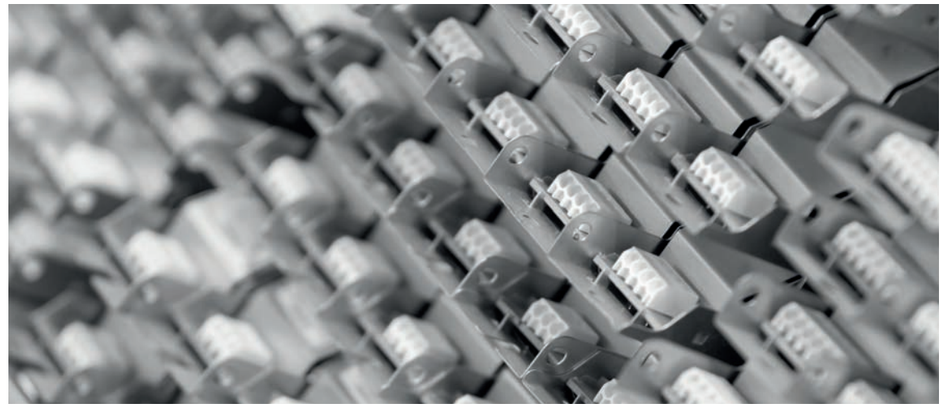
[1] on demand

VALO	**600**	**900**	**1200**	**1500**
value for – direct	20W	25W	35W	40W
value for chip – direct 4000K	2827 lm	4241 lm	5654 lm	7068 lm
suspended	•	•	•	•
ceiling	•	•	•	•
2700 K Ra80	93%	93%	93%	93%
3000 K Ra80	94%	94%	94%	94%
4000 K Ra80	100%	100%	100%	100%
6500 K Ra80	100%	100%	100%	100%
2700-6500 K Ra80			91-100%	
3000 K Ra90	81%	81%	81%	81%
4000 K Ra90	84%	84%	84%	84%
2700-6500 K Ra90			78-84%	
Satine	64%	64%	64%	64%
FIX 3-LPN	50-130%	30-100%	65-125%	50-103%
FIX EM1 4-LPN+Lun		30-100%	65-125%	50-103%
FIX EM3 4-LPN+Lun			65-125%	50-103%
ADJUST 3-LPN	50-130%	30-100%	65-125%	50-103%
ADJUST EM1 4-LPN+Lun		30-100%	65-125%	50-103%
ADJUST EM3 4-LPN+Lun			65-125%	50-103%
DALI ADJUST 5-LPN+DA	50-130%	30-100%	65-125%	50-103%
DALI ADJUST EM1 6-LPN+DA+Lun		30-100%	65-125%	50-103%
DALI ADJUST EM3 6-LPN+DA+Lun			65-125%	50-103%
0-10V 5-LPN+DIM	•	•	•	•
DALI TW ADJUST 5-LPN+DA			65-125%	
DALI TW ADJUST EM1 6-LPN+DA+Lun			65-125%	
DALI TW ADJUST EM3 6-LPN+DA+Lun			65-125%	
SWITCH TW ADJUST 6-LPN+LNL			65-125%	
SWITCH TW ADJUST EM1 7-LPN+LNL+Lun			65-125%	
SWITCH TW ADJUST EM3 7-LPN+LNL+Lun			65-125%	
supply 3-LPN	•	•	•	•
supply 4-LPN+Lun		•	•	•
supply 5-LPN+DA		•	•	•

The luminaires are available in 24 colours from RAL colour chart; other RAL colours are available upon request.





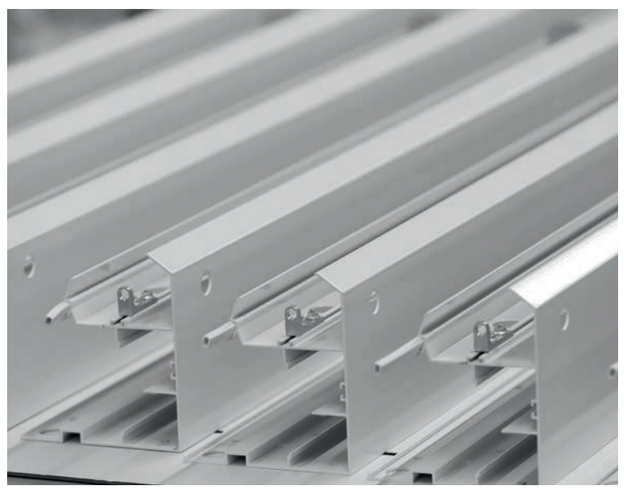




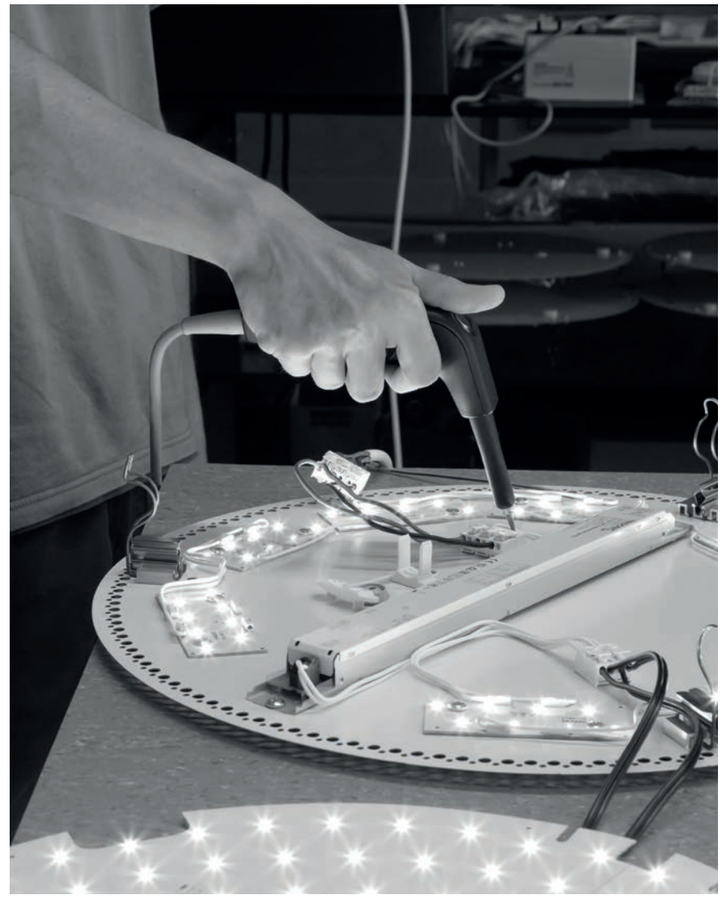



111mΩ
Rrreal:
Ireal = 10.3 A









DEUTSCHLAND TECHNIK **LICHT**

Der Hersteller behält sich das Recht vor, Änderungen an Materialien und Bauteilen vorzunehmen, die zur Herstellung von Beleuchtungskörpern verwendet werden.

DTL Licht GmbH > Hauptstraße 18A > 94551 Rohrstetten > T: +49 9904 811917-5 > info@dtl-licht.de > www.dtl-licht.de