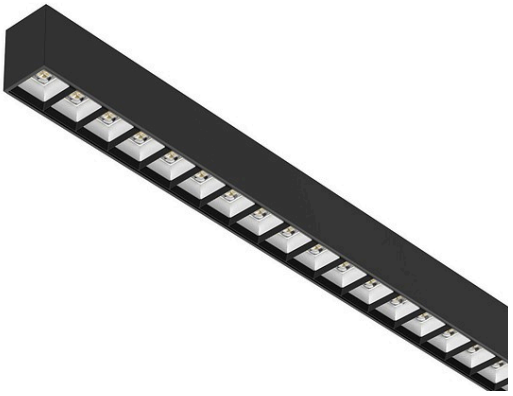
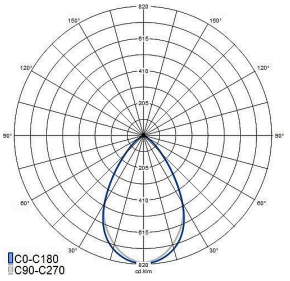
MultiLine

1196 DO 60D DA2 BK

Surface mnt./suspen. luminaire



MultiLine is a versatile and stylish linear luminaire suitable for both surface-mounted and suspended installation. Its clean design, flexible light distribution options and easily adaptable features make it an excellent solution for offices, educational facilities, lobbies, corridors and other modern indoor spaces. The luminaire's low UGR value supports pleasant lighting with reduced glare, especially in spaces designed for display screen work. The DO models in the range are suitable for applications where precisely controlled light distribution, a stylish appearance and a refined lighting solution are required. MultiLine adapts to different lighting needs thanks to selectable colour temperature and power. This allows the lighting to be adjusted according to the purpose of the space, its character and the desired lighting level. A magnetic indirect light module is also available for the luminaire, enabling pleasant direct/indirect light distribution. The indirect light softens the spatial impression, improves visual comfort and enhances the uniformity of the lighting. Available accessories, such as indirect light module kits and linkable brackets increase flexibility in both design and installation. The range is also available with a DALI version, enabling demand-based lighting control and supporting energy-efficient use in different spaces. MultiLine is a versatile lighting solution for applications where adaptability, good glare control, easy integration and modern design are valued.



MultiLine 1196 DO 60D DA2 BK Surface mnt./suspen. luminaire 17-30W 3000/4000K 2720-4500lm Dali-2; IP40; IK06; Protection cl. I; L70B50 100000h; LED not exchangeable; Lamp included; CRI>80; SDCM3; Through-wiring; 5x2,5mm²; Housing al; Colour bk; Cover transp. plastic; C16 max. 46

Stocked: No

1196 DO 60D DA2 BK

PRODUCT CODE	CODE	KG	PRODUCT FAMILY
	A1MUAJ-DALI	2.7	MultiLine

1196 DO 60D DA2 BK

EC002892 Ceiling / wall luminaire

Mounting	
Suitable for wall mounting	No
Suitable for suspended mounting	Yes
Suitable for ceiling mounting	Yes
Suitable for recessed mounting	No
Suitable for surface mounting	Yes
Suitable for light line configuration	Yes
Suitable for clamp-mounting	No
Fit for workplace acc. EN 12464-1	Yes
Degree of protection (IP)	IP40
Degree of protection (IP), rear side	IP40
Degree of protection (IP), front side	IP40
Max. number of luminaires per miniature circuit breaker C10 (MCB)	29
Max. number of luminaires per miniature circuit breaker B16	28
Max. number of luminaires per miniature circuit breaker C16	46
Impact strength	IK06
Luminaire with limited surface temperature, class "D“ in acc. with EN 60598-2-24	Yes
Suitable for emergency lighting	No
Luminaire may be covered with thermally insulating material	-
Type of wiring	Suitable for through wiring
Number of poles	5
Conductor cross section (mm²)	2.5 mm²
Connection type	Screwless terminal
Connectable conductor cross section (min) (mm²)	1.5 mm²
Connectable conductor cross section (max) (mm²)	2.5 mm²
With connection cord and plug	No

Structure	
With mounting material	Yes
Lamp type	LED not exchangeable
Light source included	Yes
Suitable for number of lamps	1
Lamp holder	Other
Housing material	Aluminium
Housing surface protection	Powder coating
Housing colour	Black
Cover material	Plastic, transparent
Type of grid	None
Control gear included	Yes
Exchangeable control gear	Yes
Energy efficiency class of light source according to EU regulation 2019/2015	C
Containing product according to 2019/2020/EU	Yes
Emergency power supply system	None
Emergency power supply integrated	No
With switch	No
With air slots	No
Filament test according to IEC 60695-2-11	650 °C - 30 s

Electrotechnical data	
Voltage type	AC
Nominal voltage (min) (V)	220 V
Nominal voltage (max) (V)	240 V
Nominal current (min) (mA)	200 mA
Nominal current (max) (mA)	350 mA
Type of control gear	LED operating device current-controlled
Protection class according to IEC 61140	I
Suitable for lamp power (min) (W)	17 W
Suitable for lamp power (max) (W)	30 W
Luminaire efficacy (min) (lm/W)	148 lm/W
Luminaire efficacy (max) (lm/W)	163 lm/W
Maximum system power (W)	30 W
Luminaire efficacy (lm/W)	163 lm/W
Power factor	0.9
Total harmonic distortion (THD) (%)	20 %
Total harmonic distortion	20 THD

Dimming and control	
Dimmable	Yes
Dimming 0-10 V	No
Dimming 1-10 V	No
Dimming DALI	Yes
Dimming DALI-2	Yes
Dimming DMX	No
Dimming DSI	No
Dimming LineSwitch	No
Dimming manufacturer's proprietary system	No
Dimming mains voltage modulation	No
Dimming trailing edge	No
Dimming leading edge	No
Dimming programmable	Yes
Dimming potentiometer (integrated)	No
Dimming RF	No
Dimming Sine Wave Reduction	No
Dimming Touch and Dim	No
Dimming Zigbee	No
Dimming with push-button	Yes
No dimming function	No
With presence indicator	No
With movement sensor	No
With light sensor	No
Constant luminous flux control	No
Bluetooth operated	No
Compatible with Casambi	No
Compatible with Apple HomeKit	No
Compatible with Google Assistant	No
Compatible with Amazon Alexa	No
IFTTT support available	No

Photometric data	
Light distributor	Diffuser lens/optic/panel
Light sharing	Symmetric
Beam angle	Wide beam 40-80°
Colour consistency (McAdam ellipse)	SDCM3
Light outlet	Direct
Rated luminous flux according to IEC 62722-2- 1 (min) (lm)	2720 lm
Rated luminous flux according to IEC 62722-2- 1 (max) (lm)	4500 lm
Colour of light (alphanumeric)	White
Effective luminous flux (lm)	4500 lm
Colour temperature (min) (K)	3000 K
Colour temperature (max) (K)	4000 K
Flickering value Pst LM	1
Colour rendering index (CRI/Ra)	80-89
Stroboscope effect value SVM	0.4
Photobiological safety according to EN 62471	RG0
Unified Glare Rating (UGR)	18
Colour temperature switchable	Discrete positions
Lumen setting adjustable	Positions
Beam angle adjustable	No

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	100000 h
Rated life time L80/B50 at 25 °C	100000 h
Lumen maintenance at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	95 %
Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	90 %
Lumen maintenance at median useful life of 75,000 hrs at 25 °C ambient (tq) (%)	85 %
Failure rate at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	5 %
Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	5 %
Failure rate at median useful life of 75,000 hrs at 25 °C ambient (tq) (%)	10 %
Rated ambient temperature acc. IEC62722-2-1 (min) (°C)	0 °C
Rated ambient temperature acc. IEC62722-2-1 (max) (°C)	25 °C

Measurements	
Width (mm)	55 mm
Height/depth (mm)	74 mm
Length (mm)	1196 mm