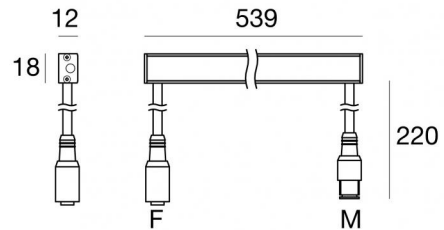


Thin66



Lines | 60 topLED 4.8 W DC 24 V | CRI 80
83889M00



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling
Installation environment	Outdoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	frontal
Nominal power	4.8 W DC
Source lumens	425 lm
Input voltage range	24V
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	CV
Safety class	3
IP	IP66
IK	IK10
Glow wire test	No
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
Dimmable article	DALI - 1-10V
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	0.220 m
Resin potting	Yes
Type of light emission	Single emission
Net weight	0.200 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	Dot free

Finishing casing

Material	Aluminium 6060
Colour	Anodised Aluminum
Processing	20 µm anodizing

Finishing diffuser

Material	Silicone resin
Colour	Opal white

Electronics



89359
On/Off Driver 198~264V AC / 180~275V DC 48 W



99331
On/Off Driver 198~264V AC / 176~275V DC 150 W



99332
1-10V Controller



83333
Push and Simply Dim - DALI-2 Controller



Lines | 60 topLED 4.8 W DC 24 V | CRI 80 | Base
83889M00

Single emission lines for outdoor application. The super warm white LED light source with a diffused light distribution is composed of 60 stripled LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 425 lm, with a 88.5 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a anodised aluminum finish, processed by means of 20 µm anodizing; the diffuser is made of silicone resin. The ingress protection degree is IP66; the total weight is of 0.200 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 4.8 W. The power supply cable is included and features a 0.220 m length.

The device features protection class III and can be wall lights or ceiling-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.

Energy efficiency class

This product contains a light source of energy efficiency class F.

Illuminotechnical Features

Light Output Ratio (LOR)	37 %
Source lumens	425 lm
Delivered lumens	159 lm
Consumption	5 W
Luminaire efficacy	31 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	5 Step MacAdam
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +40°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

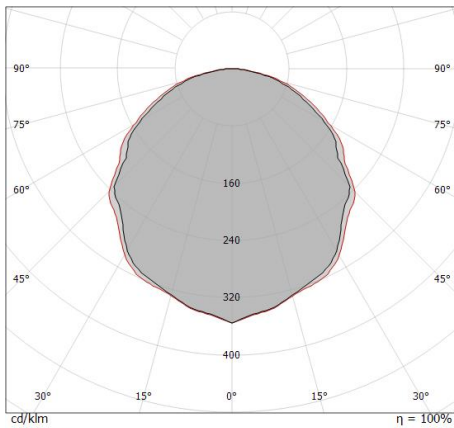
L80 B10 C0 25000h

UGR

UGR axial	22.3
UGR transversal	22.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	110°
C0/C180 optics	114°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.43	E(0°) 225
	1.55	E(C90) 55.0° 21
		E(C0) 57.1° 18
1.0	2.86	E(0°) 56
	3.09	E(C90) 55.0° 5
		E(C0) 57.1° 5
1.5	4.28	E(0°) 25
	4.64	E(C90) 55.0° 2
		E(C0) 57.1° 2
2.0	5.71	E(0°) 14
	6.18	E(C90) 55.0° 1
		E(C0) 57.1° 1
2.5	7.14	E(0°) 9
	7.73	E(C90) 55.0° 1
		E(C0) 57.1° 1
3.0	8.57	E(0°) 6
	9.27	E(C90) 55.0° 1
		E(C0) 57.1° 1

— C0/C180 (Half-peak divergence: 114.2°)
— C90/C270 (Half-peak divergence: 110.0°)



	Cable and connector - 24V DC 190-250V AC - Conn. F.4 pin M12 (L 1,5m) Length 1500 mm; insulation double; cable gland: no; colors: white - black - blue - brown.	Code <u>99216</u>
	Cable and connector - 24V DC 190-250V AC - Conn. F.4 pin M12 (L 5m) Length 5000 mm; insulation double; cable gland: no; colors: white - black - blue - brown.	Code <u>89190</u>
	Cable and connector - Extension cable Length 1000 mm; insulation double; cable gland: no.	Code <u>98437</u>
	Cable and connector - 24V DC 190-250V AC - Conn M. + F. 4 pin M12 (L 10m) Length 10000 mm; insulation double; cable gland: no.	Code <u>89188</u>
	Cable and connector - 24V DC 190-250V AC - Conn M. + F. 4 pin M12 (L 5m) Length 5000 mm; insulation double; cable gland: no.	Code <u>98149</u>
