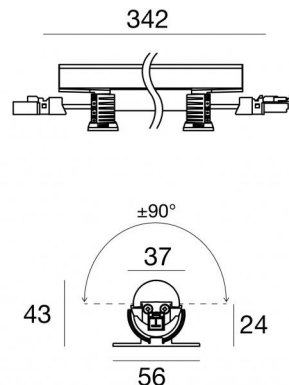




Lines | 49 topLED 9 W DC 24 V | CRI 80
94110M30



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Elliptic M. Flood (30°÷39°) x >60°
Light emission direction	upward
Nominal power	9 W DC
Source lumens	979 lm
Input voltage range	24V
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	CV
Safety class	3
IP	IP40
IK	IK08
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
Dimmable article	DALI - 1-10V
Directional	Swivelling
total angle (vertical plane)	180 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	0.02 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.191 Kg
Electrostatic discharge protection	No
Surge protection	No
Product technological characteristics	UV Resistant

Finishing casing

Material	Aluminium 6060
Colour	Anodised Aluminum
Processing	20 µm anodizing

Finishing diffuser

Material	UV Resistant Polycarbonate
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Finishing bracket

Material	UV Resistant Polycarbonate
Colour	transparent

Electronics

	99331 On/Off Driver 198-264V AC / 176-275V DC 150 W
	99332 1-10V Controller
	99374 On/Off Driver 198-264V AC / 176-275V DC 75 W
	83333 Push and Simply Dim - DALI-2 Controller
	C-E400002 Push and Simply Dim - DALI-2 Controller

Cables Electrification

Cable connector	Male Plug 2 Pin
Cable connector	Female Socket 2 Pin

Lines | 49 topLED 9 W DC 24 V | CRI 80 | Base
94110M30

Single emission lines for indoor application. The super warm white LED light source with a elliptic m. flood (30°±39°) x >60° light distribution is composed of 49 topLEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 979 lm, with a 108.8 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 uv resistant polycarbonate. The ingress protection degree is IP40; the total weight is of 0.191 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 9 W. The power supply cable is included and features a 0.02 m length.

The device features protection class III and can be wall lights, ceiling or floor-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 D.

Illuminotechnical Features

Light Output Ratio (LOR)	68 %
Source lumens	979 lm
Delivered lumens	672 lm
Consumption	9 W
Luminaire efficacy	74 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

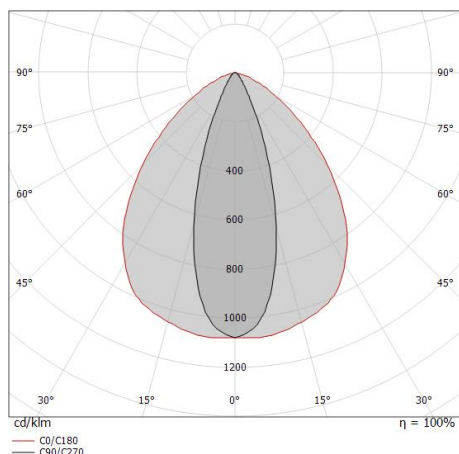
L70 B10 C0 145770h (at Tj 65 Ta 25)

UGR

UGR axial	18.4
UGR transversal	28.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	34°
C0/C180 optics	89°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.31 0.99	2898	17.1° 1275	44.7° 523
1.0	0.62 1.98	724	17.1° 319	44.7° 131
1.5	0.92 2.97	322	17.1° 142	44.7° 58
2.0	1.23 3.96	181	17.1° 80	44.7° 33
2.5	1.54 4.95	116	17.1° 51	44.7° 21
3.0	1.85 5.94	80	17.1° 35	44.7° 15

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 89.4°)
 — C90/C270 (Half-peak divergence: 34.2°)



Cable and connector

Length 250 mm; insulation single; section 1.5 mm²; external diameter: 2x3,4 mm; colors: black - red.

Code

98879



Cable and connector

Length 1000 mm; insulation single; section 1.5 mm²; external diameter: 2x3,4 mm; colors: black - red.

Code

98878



Bracket

L=295mm, H=3mm, D=56mm.

Material:Iron, colour:zinc, processing:Galvanising.

Finish

Grey

Code

98699