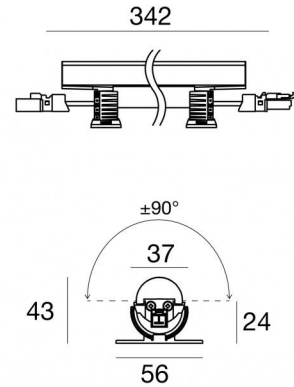




Lines | 49 topLED 9 W DC 24 V | CRI 80  
**94110M00**



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
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 / 180-275V 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  
**94110M00**

Single emission lines for indoor application. The super warm white LED light source with a diffused light distribution is composed of 49 topLED LEDs 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)	81 %
Source lumens	979 lm
Delivered lumens	795 lm
Consumption	9 W
Luminaire efficacy	88 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

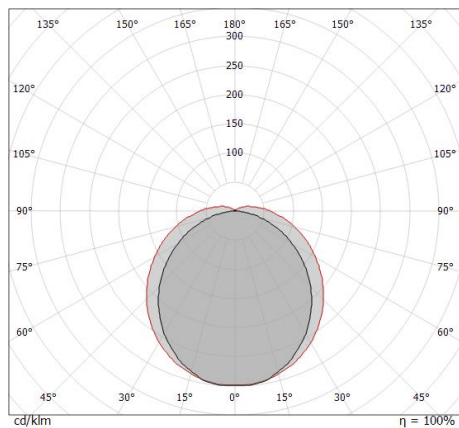
L70 B10 C0 145770h (at Tj 65 Ta 25 )

### UGR

UGR axial	29.9
UGR transversal	34.1
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C90/C270 optics	105°
C0/C180 optics	126°
Light distribution symmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.29 1.95	E(0°) 951 E(C90) 109 E(C0) 45
1.0	2.59 3.91	E(0°) 238 E(C90) 27 E(C0) 11
1.5	3.88 5.86	E(0°) 106 E(C90) 12 E(C0) 5
2.0	5.18 7.82	E(0°) 59 E(C90) 7 E(C0) 3
2.5	6.47 9.77	E(0°) 38 E(C90) 4 E(C0) 2
3.0	7.76 11.73	E(0°) 26 E(C90) 3 E(C0) 1

— C0/C180 (Half-peak divergence: 125.8°)  
— C90/C270 (Half-peak divergence: 104.6°)



Cable and connector

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

**Code**

98879



Cable and connector

Length 1000 mm; insulation single; section 1.5 mm<sup>2</sup>; 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