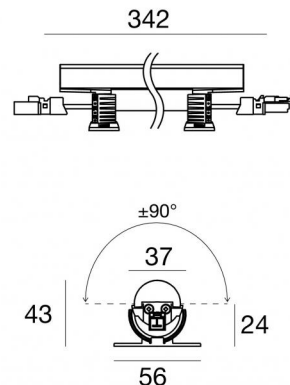




Lines | 49 topLED 9 W DC 24 V | CRI 80  
94110M60



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Elliptic E. W. Flood ?71° 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  
**94110M60**

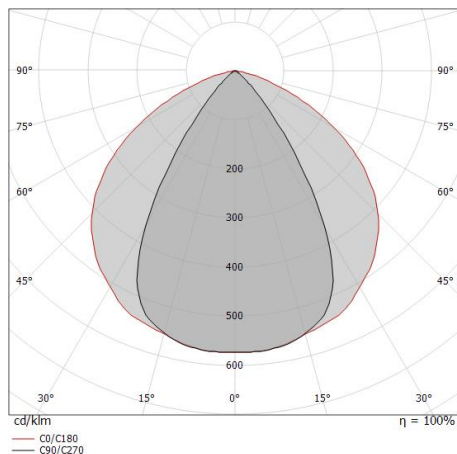
Single emission lines for indoor application. The super warm white LED light source with a elliptic e. w. flood  $\theta_{gt}=71^\circ \times >60^\circ$  light distribution is composed of 49 topLEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 979 lm, with a 108.8 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a anodised aluminum finish, processed by means of 20  $\mu\text{m}$  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.



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.64 1.49	E(0°) 1606 E(C90) 480 E(C0) 138
1.0	1.29 2.99	E(0°) 402 E(C90) 120 E(C0) 35
1.5	1.93 4.48	E(0°) 178 E(C90) 53 E(C0) 15
2.0	2.58 5.98	E(0°) 100 E(C90) 30 E(C0) 9
2.5	3.22 7.47	E(0°) 64 E(C90) 19 E(C0) 6
3.0	3.87 8.96	E(0°) 45 E(C90) 13 E(C0) 4

— C0/C180 (Half-peak divergence: 112.4°)  
— C90/C270 (Half-peak divergence: 65.6°)

### Energy efficiency class

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

### Illuminotechnical Features

Light Output Ratio (LOR)	71 %
Source lumens	979 lm
Delivered lumens	700 lm
Consumption	9 W
Luminaire efficacy	77 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	19.5
UGR transversal	29.8
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C90/C270 optics	66°
C0/C180 optics	112°
Light distribution simmetry	Symmetrical 2 assis



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