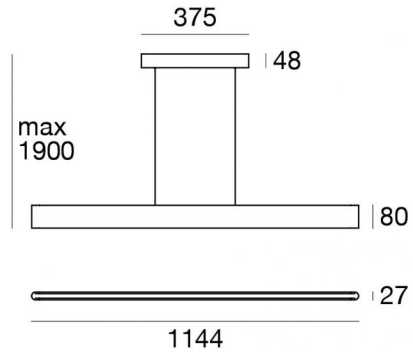
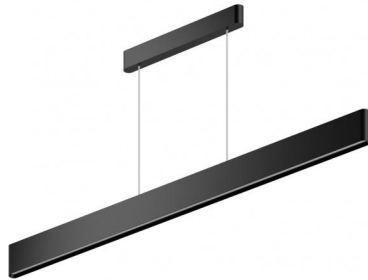


Pendant Luminaires | 220-240 V  
312 topLED 36 W DC - 42 W AC | CRI 90  
**9198M**



Technical data	
Type	Pendant Luminaires
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward and upward
Nominal power	36 W DC
Total Power	42 W
Source lumens	5624 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	220 - 240 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP20
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	DALI-2 - PUSH DIM
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	2.2 m
Resin potting	No
Type of light emission	Double emission
Net weight	3 Kg
Electrostatic discharge protection	Yes
Surge protection	Yes

#### Finishing Finishing casing

Material	Aluminium
Colour	Text black (R9005)
Processing	Coating

#### Finishing Finishing diffuser

Material	PC
Colour	opaline

#### Finishing Finishing mounting frame

Material	Aluminium
Colour	Text black (R9005)
Processing	Coating

#### Cables Electrification+ suspension

Max cable length	2200 mm
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Pendant Luminaires | 220-240 V | 312 topLED 36 W DC - 42 W AC | CRI 90 | Base  
**9198M**

Double emission pendant luminaires for indoor application. The super warm white LED light source with a diffused light distribution is composed of 312 topLEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 5624 lm, with a 156.2 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a text black (r9005) finish, processed by means of coating; the diffuser is made of PC; the mounting frame is made of aluminium, with a text black (r9005) finish, processed by means of coating.

The ingress protection degree is IP20; the total weight is of 3 kg.

The total absorbed power is 42 W The power supply cable is included and features a 2.2 m length.

The device features protection class I and can be ceiling-mounted.

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

### Energy efficiency class

This product contains 6 light sources of energy efficiency class D.

### Illuminotechnical Features

Light Output Ratio (LOR)	51 %
Source lumens	5624 lm
Delivered lumens	2891 lm
Consumption	42 W
Luminaire efficacy	68 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	25°C

### LED Life / Failure Ratio

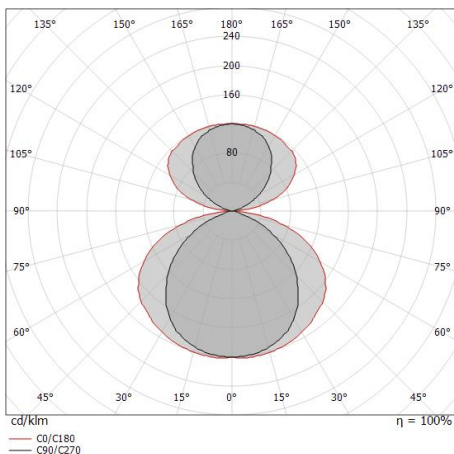
L70 B20 C0 72500h

### UGR

UGR axial	20.7
UGR transversal	26.5
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C90/C270 optics	103°
C0/C180 optics	139°
Light distribution symmetry	Symmetrical 2 axis



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	1.26 2.70	E(0°) 2323 E(C90) 279 E(C0) 49
1.0	2.52 5.41	E(0°) 581 E(C90) 70 E(C0) 12
1.5	3.79 8.11	E(0°) 258 E(C90) 31 E(C0) 5
2.0	5.05 10.81	E(0°) 145 E(C90) 17 E(C0) 3
2.5	6.31 13.52	E(0°) 93 E(C90) 11 E(C0) 2
3.0	7.57 16.22	E(0°) 65 E(C90) 8 E(C0) 1

— C0/C180 (Half-peak divergence: 139.4°)  
— C90/C270 (Half-peak divergence: 103.2°)