

Pendant Luminaires | 220-240 V | 312 topLED 36 W DC - 42 W AC | CRI 90 | Base 9197

Double emission pendant luminaires for indoor application. The warm white LED light source with a diffused light distribution is composed of 312 topLEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 5950 lm, with a 165.3 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a white finish, processed by means of coating; the diffuser is made of PC; the mounting frame is made of aluminium, with a white finish, processed by means of coating. The ingress protection degree is IP20;

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)	66 %
Source lumens	5950 lm
Delivered lumens	3929 lm
Consumption	42 W
Luminaire efficacy	93 lm/W
Colour temperature	3000 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

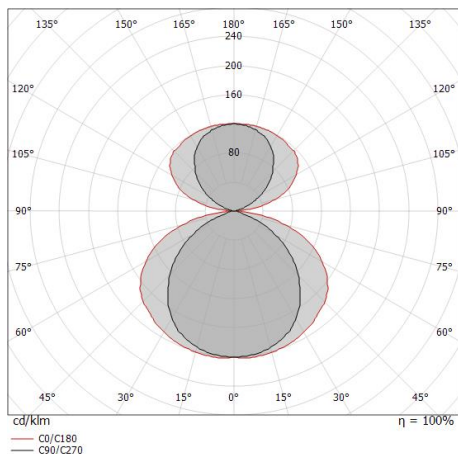
L70 B20 C0 72500h

UGR

UGR axial	21.8
UGR transversal	27.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	103°
C0/C180 optics	139°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.26 2.70	E(0°) 3157 E(C90) 379 E(C0) 66
1.0	2.52 5.41	E(0°) 789 E(C90) 95 E(C0) 17
1.5	3.79 8.11	E(0°) 351 E(C90) 42 E(C0) 7
2.0	5.05 10.81	E(0°) 197 E(C90) 24 E(C0) 4
2.5	6.31 13.52	E(0°) 126 E(C90) 15 E(C0) 3
3.0	7.57 16.22	E(0°) 88 E(C90) 11 E(C0) 2

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