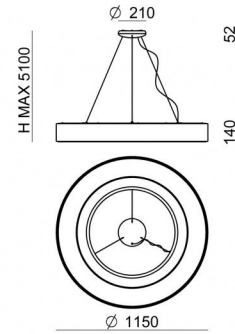




Pendant Luminaires | 220-240 V
336 topLED 92 W DC - 98 W AC | CRI 90
7650N



Technical data	
Construction year	2017
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward and upward
Nominal power	92 W DC
Total Power	98 W
Source lumens	14566 lm
Voltage	220 - 240 V AC
Frequency	60 - 50 Hz
CCT / Tone	4000 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP20
Optical compartment IP	IP40
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	DALI - PUSH DIM
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	5 m
Resin potting	No
Type of light emission	Double emission
Net weight	16 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing

Material	metal
Colour	White
Processing	Coating

Finishing diffuser

Material	PE
Colour	neutral

Finishing mounting frame

Material	metal
Colour	White
Processing	Coating

Cables Pendant Luminaires

Max cable length	5000 mm
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Pendant Luminaires | 220-240 V | 336 topLED 92 W DC - 98 W AC | CRI 90 | Base
7650N

Double emission pendant luminaires for indoor application. The natural white LED light source with a diffused light distribution is composed of 336 topLEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 14566 lm, with a 158.3 lm/W nominal luminous efficacy.

The device body is made of metal and features a white finish, processed by means of coating; the diffuser is made of pe; the mounting frame is made of metal, with a white finish, processed by means of coating. The ingress protection degree is IP20; the total weight is of 16 kg.

The total absorbed power is 98 W. The power supply cable is included and features a 5 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 28 light sources of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	85 %
Source lumens	14566 lm
Delivered lumens	12395 lm
Consumption	98 W
Luminaire efficacy	126 lm/W
Colour temperature	4000 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

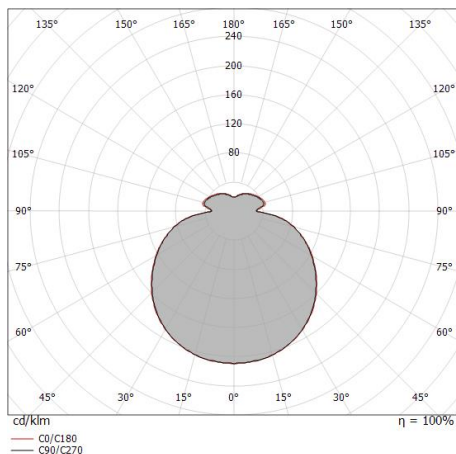
L80 B20 C0 80h

UGR

UGR axial	21.6
UGR transversal	21.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	135°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	2.40 2.46	E(0°) 10375 E(C90) 295 E(C0) 276
1.0	4.80 4.93	E(0°) 2594 E(C90) 74 E(C0) 69
1.5	7.21 7.39	E(0°) 1153 E(C90) 33 E(C0) 31
2.0	9.61 9.85	E(0°) 648 E(C90) 18 E(C0) 17
2.5	12.01 12.31	E(0°) 415 E(C90) 12 E(C0) 11
3.0	14.41 14.78	E(0°) 288 E(C90) 8 E(C0) 8

— C0/C180 (Half-peak divergence: 135.8°)
— C90/C270 (Half-peak divergence: 134.8°)