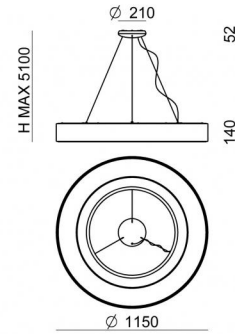




Pendant Luminaires | 220-240 V  
336 topLED 92 W DC - 98 W AC | CRI 90  
**7650**



Technical data	
Construction year	2014
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	13961 lm
Voltage	220 - 240 V AC
Frequency	60 - 50 Hz
CCT / Tone	3000 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 7650

Double emission pendant luminaires for indoor application. The warm white LED light source with a diffused light distribution is composed of 336 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 13961 lm, with a 151.8 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)	80 %
Source lumens	13961 lm
Delivered lumens	11265 lm
Consumption	98 W
Luminaire efficacy	114 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

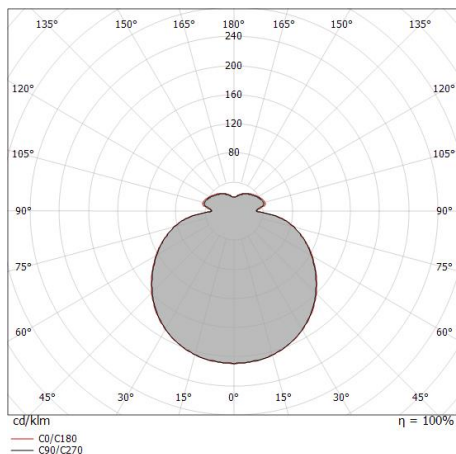
L80 B20 C0 80000h

### UGR

UGR axial	21.3
UGR transversal	21.4
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	135°
Light distribution simmetry	Symmetrical



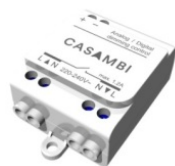
Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	2.40 2.46	E(0°) 9429 E(C90) 268 E(C0) 251
1.0	4.80 4.93	E(0°) 2357 E(C90) 67 E(C0) 63
1.5	7.21 7.39	E(0°) 1048 E(C90) 30 E(C0) 28
2.0	9.61 9.85	E(0°) 589 E(C90) 17 E(C0) 16
2.5	12.01 12.31	E(0°) 377 E(C90) 11 E(C0) 10
3.0	14.41 14.78	E(0°) 262 E(C90) 7 E(C0) 7

Distance [m] Cone diameter [m] illuminance [lx]

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



Saturn\_P | Pendant Luminaires | Accessories  
**7650**



Dimmer  
Bluetooth, 220-240V

**Code**  
KIT0079