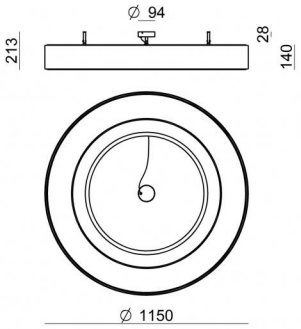
Saturn_S

Ceiling Lights | 220-240 V
336 topLED 92 W DC - 98 W AC | CRI 90
7651



Technical data	
Construction year	2016
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	IP40
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	DALI
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Double emission
Net weight	18 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

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Ceiling Lights | 220-240 V | 336 topLED 92 W DC - 98 W AC | CRI 90 | Base
7651

Double emission ceiling lights 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 IP40; the total weight is of 18 kg.

The total absorbed power is 98 W.

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

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

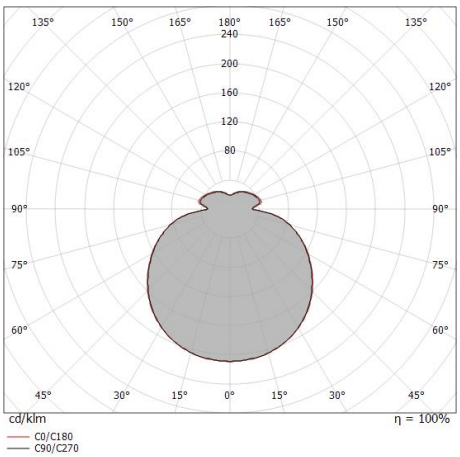
Energy efficiency class
This product contains 28 light sources of energy efficiency class E.

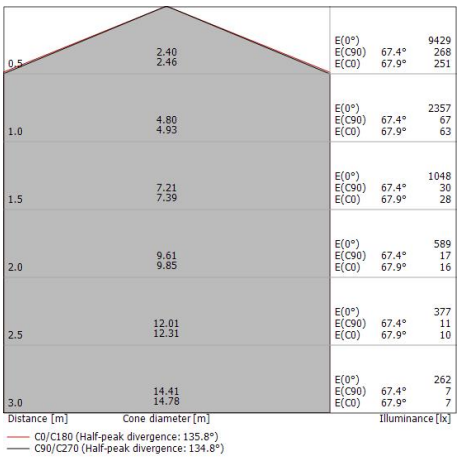
Illuminotechnical Features	
Light Output Ratio (LOR)	80 %
Source lumens	13961 lm
Delivered lumens	11265 lm
Consumption	98 W
Luminaire efficacy	114 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Junction temperature (lighting fixture)	80
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





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The total absorbed power is 98 W.

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)	88 %
Source lumens	13961 lm
Delivered lumens	12395 lm
Consumption	98 W
Luminaire efficacy	126 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	21.6
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