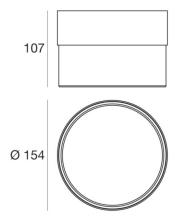
Crumb

Ceiling Lights | 220-240 V | topLED 15 W 700 mA | CRI 90 90282

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Installation positionCeilingInstallation environmentIndoorLEDLEDOpticsGeneral LightingLight SourcedownwardPower15 WSource lumens1653 ImFrequency50 - 60 HzCCT / Tone3000 KColour rendering index90 RaAC / DCACSafety class1PIP40Slow wire test850°Direct mounting on normally flammable surfacesYesCEYesTLNoSriver includedDrivernductionNoOriver includedNoDirectionalNoCitorialNoCitorialNoCitorialNoCitorialNoCitorialNoCitorialNoCable includedNoResin pottingNoResin pottingNo	Technical data	
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Cable included No Resin potting No	Walk-over	No
Resin potting No	Drive-over	No
	Cable included	No
Fype of light emission Single emission	Resin potting	No
	Type of light emission	Single emission



Finishing diffuser

Material	Glass
Colour	transparent

Crumb

Ceiling Lights | 220-240 V | topLED 15 W 700 mA | CRI 90 90282

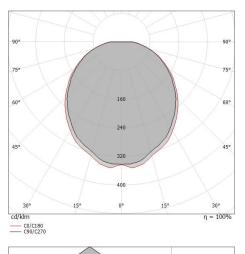
Single emission ceiling lights for indoor application. The warm white LED light source with a general lighting light distribution is composed of 36 topled LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1653 lm, with a 110.2 lm/W nominal luminous efficacy.

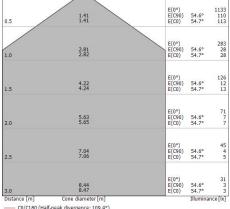
The diffuser is made of glass; the mounting frame is made of iron, with a embossed white ral 9003 finish, processed by means of coating. The ingress protection degree is IP40;

The total absorbed power is 15 W.

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

Illuminotechnical Features	
Light Output Ratio (LOR)	50 %
Source lumens	1653 lm
Delivered lumens	827.66 lm
Consumption	15 W
Luminaire efficacy	55 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
LED Life / Failure Ratio	
L80 B20 C0 80000h	
UGR	
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20
UGR transversal	< 25
UGR axial	< 25
OPTICAL	
Light distribution simmetry	Symmetrical
C0/C180 optics	109°





C0/C180 (Half-peak divergence: 109.4°) C90/C270 (Half-peak divergence: 109.2°)