

Ceiling Downlights | 220-240 V | 14 topLED 29 W DC - 36 W AC | CRI 90 | Base 7653N

Double emission ceiling downlights for indoor application. The natural white LED light source with a diffused light distribution is composed of 84 topLEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 4048 lm, with a 139.6 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 8 kg.

The total absorbed power is 36 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 14 light sources of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	90 %
Source lumens	4048 lm
Delivered lumens	3650 lm
Consumption	36 W
Luminaire efficacy	101 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

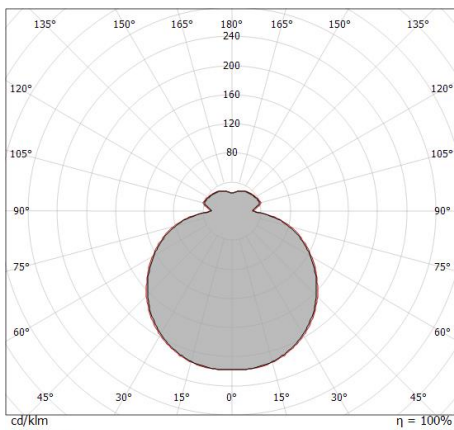
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UGR

UGR axial	19.9
UGR transversal	20
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	131°
Light distribution simmetry	Symmetrical



cd/klm
— C0/C180
— C90/C270

Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	2.19 2.28	E(0°) 3178 E(C90) 114 E(C0) 104
1.0	4.39 4.56	E(0°) 795 E(C90) 28 E(C0) 26
1.5	6.58 6.83	E(0°) 353 E(C90) 13 E(C0) 12
2.0	8.78 9.11	E(0°) 199 E(C90) 7 E(C0) 6
2.5	10.97 11.39	E(0°) 127 E(C90) 5 E(C0) 4
3.0	13.17 13.67	E(0°) 88 E(C90) 3 E(C0) 3

— C0/C180 (Half-peak divergence: 132.6°)
— C90/C270 (Half-peak divergence: 131.0°)