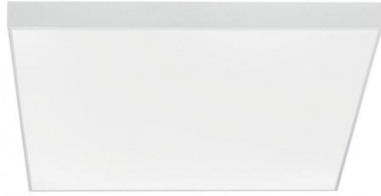




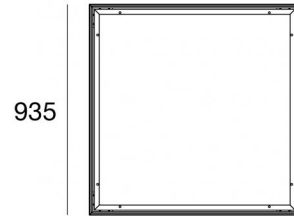
Ceiling Downlights | 198-264 V AC /176-280 V DC | 400 topLED 96 W DC - 104 W AC | CRI 80



82259W00



56.5 |



935

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Technical data

Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward
Nominal power	96 W DC
Total Power	104 W
Source lumens	15763 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP40
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Electrostatic discharge protection	Yes
Surge protection	Yes

Finishing casing

Material	Aluminium 6060
Colour	White
Processing	Powder coating

Finishing diffuser

Material	Technical fabric
Colour	Opal white



Ceiling Downlights | 198-264 V AC /176-280 V DC | 400 topLED 96 W DC - 104 W AC | CRI 80 | Base
82259W00

Single emission ceiling downlights for indoor application. The warm white LED light source with a diffused light distribution is composed of 400 topped LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 15763 lm, with a 164.2 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a white finish, processed by means of powder coating; the diffuser is made of technical fabric. The ingress protection degree is IP40;

The total absorbed power is 104 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 a light source of energy efficiency class D.

Illuminotechnical Features

Light Output Ratio (LOR)	79 %
Source lumens	15763 lm
Delivered lumens	12581 lm
Consumption	104 W
Luminaire efficacy	120 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C

LED Life / Failure Ratio

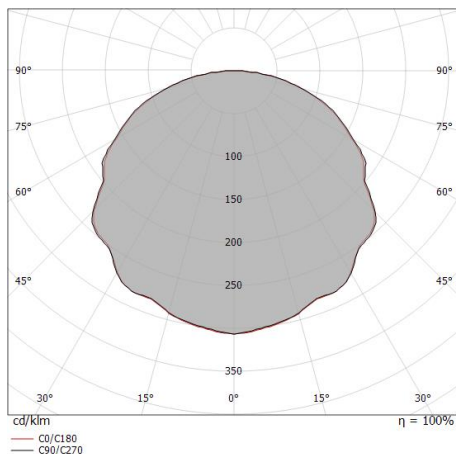
L70 B10 C0 145770h (at Tj 65 Ta 25)

UGR

UGR axial	23.2
UGR transversal	23.1
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	122°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	1.85 1.80	15438	832	882
1.0	3.70 3.61	3859	208	221
1.5	5.55 5.41	1715	92	98
2.0	7.40 7.22	965	52	55
2.5	9.25 9.02	618	33	35
3.0	11.10 10.82	429	23	25

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 122.0°)
 — C90/C270 (Half-peak divergence: 123.2°)