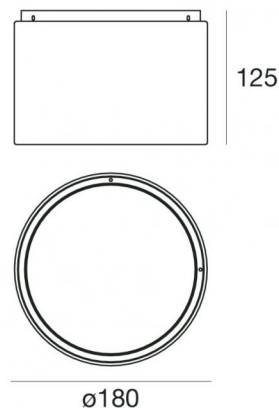




Ceiling Downlights | 198-264 V
1 arrayLED 33 W DC - 36 W AC | CRI 80

81885N60



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Wide Flood
Light emission direction	downward
Nominal power	33 W DC
Total Power	36 W
Source lumens	5106 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	4000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP65
IK	IK08
Glow wire test	850°
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	No
Resin potting	No
Type of light emission	Single emission
Net weight	2.8 Kg
Electrostatic discharge protection	Yes
Surge protection	1 KV
Optics technology	Set-back low glare optics

Finishing casing	
Material	Die-cast Aluminium EN AB - 46100
Colour	White
Processing	Open pore anodizing + Powder Coating
Finishing diffuser	
Material	Extra clear glass
Colour	transparent
Processing	Silk-screening

Ceiling Downlights | 198-264 V | 1 arrayLED 33 W DC - 36 W AC | CRI 80 | Base
81885N60

Single emission ceiling downlights for outdoor application. The natural white LED light source with a wide flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 5106 lm, with a 154.7 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a white finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass with a silk-screening treatment. The ingress protection degree is IP65; the total weight is of 2.8 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 a light source of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	59 %
Source lumens	5106 lm
Delivered lumens	3040 lm
Consumption	36 W
Luminaire efficacy	84 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra

Standard Operating Ambient Temperature -20 / +50°C

Ordinary temperature on the glass 40°C

LED Life / Failure Ratio

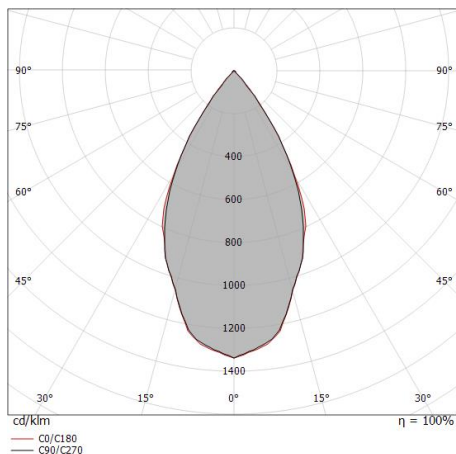
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	20.6
UGR transversal	20.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	54°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.51 0.53	E(0°) 16266 E(C90) 27.2° 5734 E(C0) 28.0° 5626
1.0	1.03 1.06	E(0°) 4066 E(C90) 27.2° 1434 E(C0) 28.0° 1406
1.5	1.54 1.60	E(0°) 1807 E(C90) 27.2° 837 E(C0) 28.0° 625
2.0	2.06 2.13	E(0°) 1017 E(C90) 27.2° 358 E(C0) 28.0° 352
2.5	2.57 2.66	E(0°) 651 E(C90) 27.2° 229 E(C0) 28.0° 225
3.0	3.08 3.19	E(0°) 452 E(C90) 27.2° 159 E(C0) 28.0° 156

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

— C0/C180 (Half-peak divergence: 56.0°)
 — C90/C270 (Half-peak divergence: 54.4°)