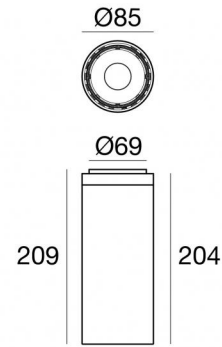




Ceiling Downlights | 108-305 V AC /170-280 V DC | 1 arrayLED 26 W DC - 29 W AC | CRI 90



82007W30



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Flood
Light emission direction	downward
Nominal power	26 W DC
Total Power	29 W
Source lumens	4349 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	108 - 305 V AC
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	90 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
Net weight	1.05 Kg
Electrostatic discharge protection	Yes
Surge protection	2 KV
Optics technology	Anti - Glare

Finishing casing	
Material	Die-cast Aluminium EN AB - 46100
Colour	White
Processing	Powder coating



Ceiling Downlights | 108-305 V AC /170-280 V DC | 1 arrayLED 26 W DC - 29 W AC | CRI 90 | Base
82007W30

Single emission ceiling downlights for indoor application. The warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 4349 lm, with a 167.3 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 powder coating. The ingress protection degree is IP40; the total weight is of 1.05 kg.

The total absorbed power is 29 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)	74 %
Source lumens	4349 lm
Delivered lumens	3256 lm
Consumption	29 W
Luminaire efficacy	112 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	90 Ra
Colour Rendering Index	60 R9
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

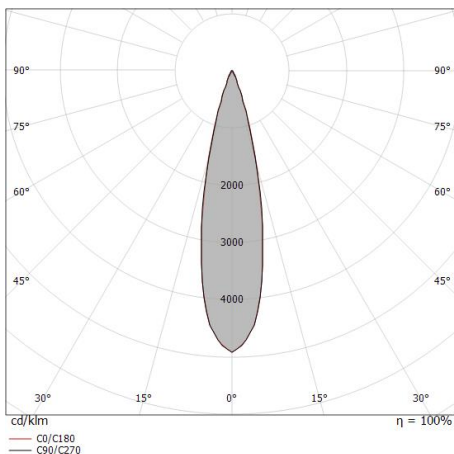
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR transversal	16.6
UGR axial	16.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	24°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.21 0.21	E(0°) 64082 E(C90) 30077 E(C0) 30210
1.0	0.43 0.42	E(0°) 16021 E(C90) 7519 E(C0) 7553
1.5	0.64 0.63	E(0°) 7120 E(C90) 3342 E(C0) 3357
2.0	0.85 0.84	E(0°) 4005 E(C90) 1880 E(C0) 1888
2.5	1.06 1.05	E(0°) 2563 E(C90) 1203 E(C0) 1208
3.0	1.28 1.26	E(0°) 1780 E(C90) 835 E(C0) 839

— C0/C180 (Half-peak divergence: 23.8°)
 — C90/C270 (Half-peak divergence: 24.0°)

COLOR VECTOR GRAPHIC





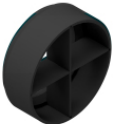
Anti-glare
Anti-glare Type: honeycomb louvre.
Material:Pom-C, colour:Black.

Code
C-U300008



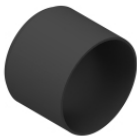
Anti-glare
Anti-glare Type: 45° cylindrical screen.
Material:Pom-C, colour:Black.

Code
C-U300030



Anti-glare
Anti-glare Type: cross louvres.
Material:Pom-C, colour:Black.

Code
C-U300031



Anti-glare
Anti-glare Type: cylindrical screen.
Material:Pom-C, colour:Black.

Code
C-U300029



Diffuser
Diffuser Type: elliptical filter

Code
C-U300007



Optics - SPOT
Light distribution: spot,Cover material: uv resistant polycarbonate

Code
C-U300015



Optics - FLOOD
Light distribution: flood,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate

Code
C-U300016



Optics - WIDE FLOOD
Light distribution: medium flood,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate

Code
C-U300017