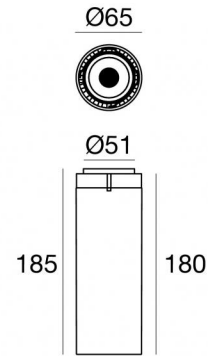




Ceiling Downlights | 100-264 V | 1 arrayLED 17.5 W DC - 19.5 W AC | CRI 90
82006N60



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Wide Flood
Light emission direction	downward
Nominal power	17.5 W DC
Total Power	19.5 W
Source lumens	2930 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	100 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	4000 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	0.6 Kg
Electrostatic discharge protection	Yes
Surge protection	1.85 KV
Optics technology	Anti - Glare

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



Ceiling Downlights | 100-264 V | 1 arrayLED 17.5 W DC - 19.5 W AC | CRI 90 | Base
82006N60

Single emission ceiling downlights for indoor 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 90; the source luminous flux is 2930 lm, with a 167.4 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating. The ingress protection degree is IP40; the total weight is of 0.6 kg.

The total absorbed power is 19.5 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

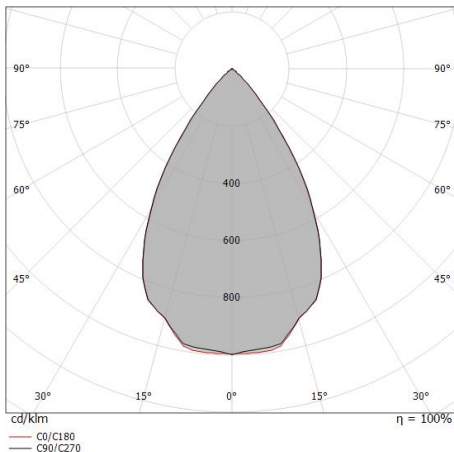
This product contains a light source of energy efficiency class E.

Illuminotechnical Features

Source lumens	2930 lm
Colour temperature	4000 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

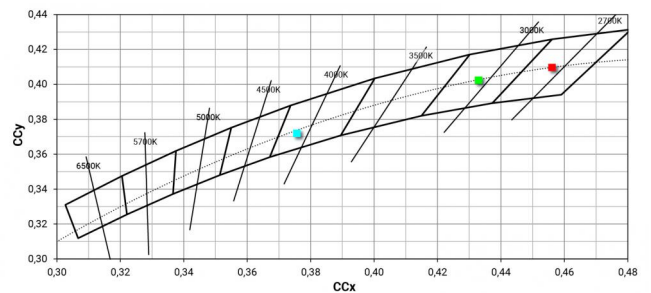
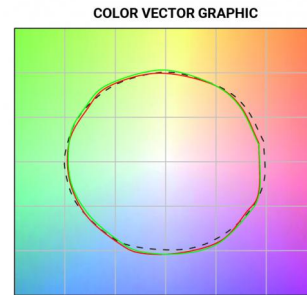
LED Life / Failure Ratio

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



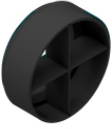






Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.62 0.62	E(0°) 6929 E(C90) 2136 E(C0) 2141
1.0	1.24 1.24	E(0°) 1732 E(C90) 534 E(C0) 535
1.5	1.86 1.85	E(0°) 770 E(C90) 237 E(C0) 238
2.0	2.48 2.47	E(0°) 433 E(C90) 134 E(C0) 134
2.5	3.10 3.09	E(0°) 277 E(C90) 85 E(C0) 86
3.0	3.72 3.71	E(0°) 192 E(C90) 59 E(C0) 59

— C0/C180 (Half-peak divergence: 63.4°)
 — C90/C270 (Half-peak divergence: 63.6°)





	<p>Diffuser Diffuser Type: elliptical filter. Material:Pom-C, colour:Black.</p>	<p>Code <u>99781</u></p>
	<p>Anti-glare Anti-glare Type: honeycomb louvre. Material:Pom-C, colour:Black.</p>	<p>Code <u>99780</u></p>
	<p>Anti-glare Anti-glare Type: cross louvres. Material:Pom-C, colour:Black.</p>	<p>Code <u>99779</u></p>
	<p>Anti-glare Anti-glare Type: 45° cylindrical screen. Material:Pom-C, colour:Black.</p>	<p>Code <u>99782</u></p>
	<p>Optics Light distribution: spot,Cover material: uv resistant polycarbonate</p>	<p>Code <u>99827</u></p>
	<p>Optics Light distribution: medium flood,Cover material: uv resistant polycarbonate</p>	<p>Code <u>99828</u></p>
	<p>Optics Light distribution: flood,Cover material: uv resistant polycarbonate</p>	<p>Code <u>99829</u></p>