

Ceiling Downlights | 198-264 V AC /176-264 V DC | 169 topLED 38 W DC - 43 W AC | CRI 80 | Base
82261W00

Single emission ceiling downlights for indoor application. The warm white LED light source with a diffused light distribution is composed of 169 topped LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 6737 lm, with a 177.3 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 43 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)	74 %
Source lumens	6737 lm
Delivered lumens	4993 lm
Consumption	43 W
Luminaire efficacy	116 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

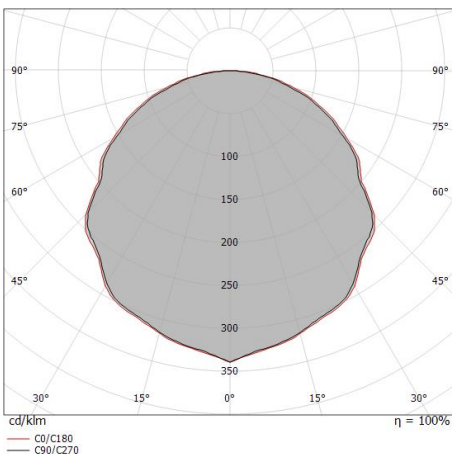
L70 B10 C0 145770h (at Tj 65 Ta 25)

UGR

UGR axial	22.1
UGR transversal	22.5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	114°
Light distribution symmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.53 1.59	E(0°) 6777 E(C90) 56.9° 553 E(C0) 57.8° 513
1.0	3.07 3.18	E(0°) 1694 E(C90) 56.9° 138 E(C0) 57.8° 128
1.5	4.60 4.76	E(0°) 753 E(C90) 56.9° 61 E(C0) 57.8° 57
2.0	6.14 6.35	E(0°) 424 E(C90) 56.9° 35 E(C0) 57.8° 32
2.5	7.67 7.94	E(0°) 271 E(C90) 56.9° 22 E(C0) 57.8° 21
3.0	9.20 9.53	E(0°) 188 E(C90) 56.9° 15 E(C0) 57.8° 14

— C0/C180 (Half-peak divergence: 115.6°)
 — C90/C270 (Half-peak divergence: 113.8°)