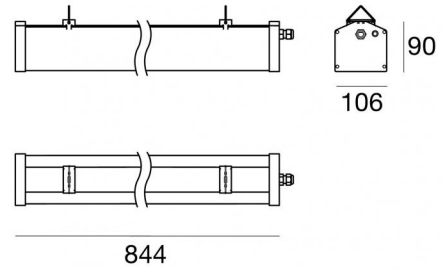


Alux Pro



Ceiling Downlights | 198-264 V
32 topLED 65 W DC - 70 W AC | CRI 80
81776N12



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Outdoor
Light Source	LED
Circuit structure	topLED
Optics	Extra Wide Flood
Light emission direction	downward
Nominal power	65 W DC
Total Power	70 W
Source lumens	10538 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	IK06
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	Yes
Cable length	1 m
Resin potting	No
Type of light emission	Single emission
Net weight	3.2 Kg
Electrostatic discharge protection	Yes
Surge protection	5 KV

Finishing casing

Material	Aluminium 6060
Colour	Anodised Aluminum
Processing	20 µm anodizing

Finishing diffuser

Material	Extra clear glass - Tempered
Colour	transparent
Processing	Silk-screening

Ceiling Downlights | 198-264 V | 32 topLED 65 W DC - 70 W AC | CRI 80 | Base 81776N12

Energy efficiency class

This product contains 2 light sources of energy efficiency class D.

Illuminotechnical Features

Light Output Ratio (LOR)	91 %
Source lumens	10538 lm
Delivered lumens	9597 lm
Consumption	70 W
Luminaire efficacy	137 lm/W
Colour temperature	4000 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 B20 C10 108000h (at Tj 65 Ta 25)

UGR

UGR axial	27.3
UGR transversal	29.1
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	116°
C0/C180 optics	120°
Light distribution simmetry	Symmetrical 2 assis

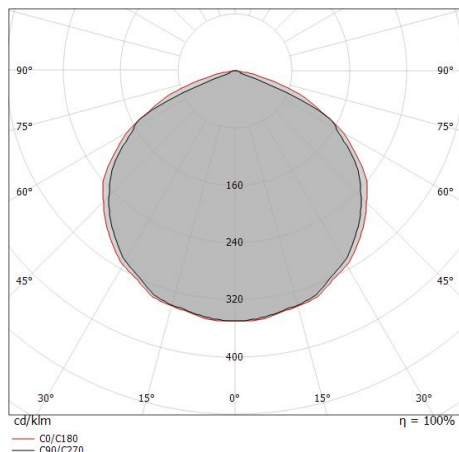
Single emission ceiling downlights for outdoor application. The natural white LED light source with a extra wide flood light distribution is composed of 32 powered LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 10538 lm, with a 162.1 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a anodised aluminum finish, processed by means of 20 µm anodizing; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP65; the total weight is of 3.2 kg.

The total absorbed power is 70 W. The power supply cable is included and features a 1 m length.

The device features protection class I and can be ceiling-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.60 1.73	E(0°) 13416 E(C90) 58.0° 1001 E(C0) 60.0° 843
1.0	3.20 3.46	E(0°) 3254 E(C90) 58.0° 250 E(C0) 60.0° 211
1.5	4.80 5.20	E(0°) 1491 E(C90) 58.0° 111 E(C0) 60.0° 94
2.0	6.40 6.93	E(0°) 839 E(C90) 58.0° 63 E(C0) 60.0° 53
2.5	8.00 8.66	E(0°) 537 E(C90) 58.0° 40 E(C0) 60.0° 34
3.0	9.60 10.39	E(0°) 373 E(C90) 58.0° 28 E(C0) 60.0° 23

— C0/C180 (Half-peak divergence: 120.0°)
— C90/C270 (Half-peak divergence: 116.0°)



Connector

Type of cable power cable; ; insulation single; section 1 mm²; cable gland: yes; colors: blue - brown - yellow-green.

Code

99737



Cable

Type of cable power cable; Length 1000 mm; insulation single; section 1 mm²; cable gland: pg7; colors: blue - brown - yellow-green.

Code

84863