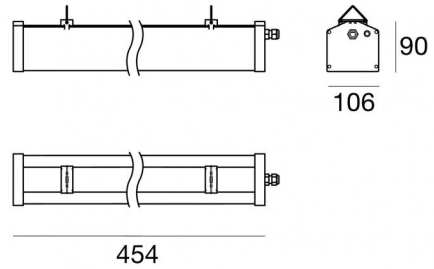


Alux Pro



Ceiling Downlights | 198-264 V AC /170-280 V DC
16 topLED 35 W DC - 40 W AC | CRI 80
81774N00



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Outdoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward
Nominal power	35 W DC
Total Power	40 W
Source lumens	5635 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	2 Kg
Electrostatic discharge protection	Yes
Surge protection	4 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 AC /170-280 V DC | 16 topLED 35 W DC - 40 W AC | CRI 80

| Base

81774N00

Energy efficiency class

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

Illuminotechnical Features

Light Output Ratio (LOR)	68 %
Source lumens	5635 lm
Delivered lumens	3876 lm
Consumption	40 W
Luminaire efficacy	96 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	27.6
UGR transversal	28.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	102°
C0/C180 optics	107°
Light distribution simmetry	Symmetrical 2 assis

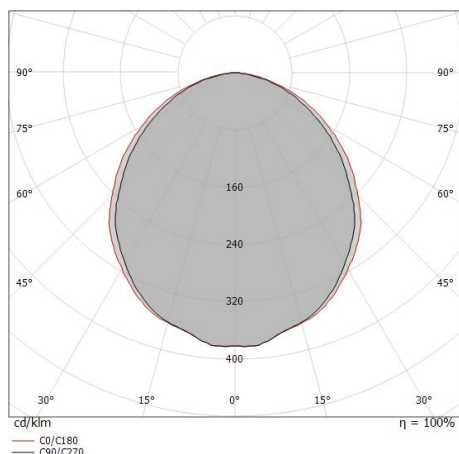
Single emission ceiling downlights for outdoor application. The natural white LED light source with a diffused light distribution is composed of 16 powered LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 5635 lm, with a 161.0 lm/W nominal luminous efficacy.

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 2 kg.

The total absorbed power is 40 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	1.23 1.36	E(0°) 5922 E(C90) 51.0° 740 E(C0) 53.6° 622
1.0	2.47 2.71	E(0°) 1481 E(C90) 51.0° 185 E(C0) 53.6° 155
1.5	3.70 4.07	E(0°) 658 E(C90) 51.0° 82 E(C0) 53.6° 69
2.0	4.94 5.43	E(0°) 370 E(C90) 51.0° 46 E(C0) 53.6° 39
2.5	6.17 6.78	E(0°) 237 E(C90) 51.0° 30 E(C0) 53.6° 25
3.0	7.41 8.14	E(0°) 165 E(C90) 51.0° 21 E(C0) 53.6° 17

— C0/C180 (Half-peak divergence: 107.2°)
— C90/C270 (Half-peak divergence: 102.0°)



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