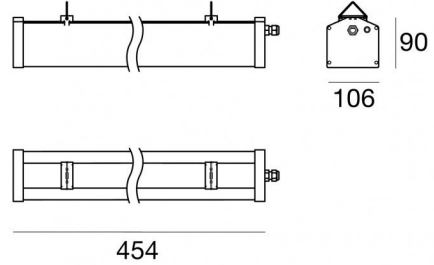


# Alux Pro



Ceiling Downlights | 220-240 V AC /260-360 V DC  
16 topLED 35 W DC - 40 W AC | CRI 80  
**81775N00**



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	220 - 240 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	DALI
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

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| Base  
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### 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

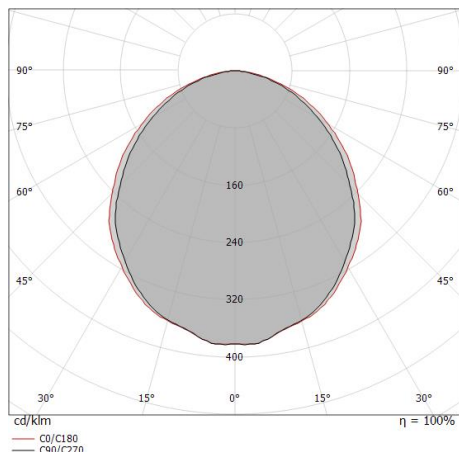
Single emission ceiling downlights for outdoor application. The natural white LED light source with a diffused light distribution is composed of 16 powered LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 5635 lm, with a 161.0 lm/W nominal luminous efficacy.

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]	E(0°)	E(C90)	E(C0)
0.5	1.23 1.36	5922	740	622
1.0	2.47 2.71	1481	185	155
1.5	3.70 4.07	658	82	69
2.0	4.94 5.43	370	46	39
2.5	6.17 6.78	237	30	25
3.0	7.41 8.14	165	21	17

Distance [m]      Cone diameter [m]      Illuminance [lx]

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



## Cable

Type of cable power + signal cable; Length 1000 mm; insulation double without shielding; section 2.5 mm<sup>2</sup>; cable gland: no; colors: black - blue - grey - brown - yellow-green.

## Code

83239