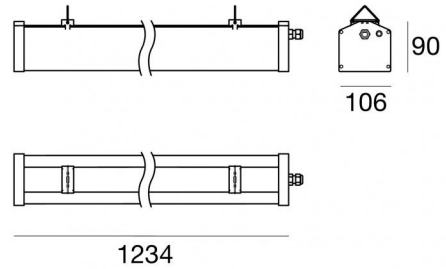


# Alux Pro



Ceiling Downlights | 198-264 V AC /180-275 V DC  
48 topLED 90 W DC - 100 W AC | CRI 80  
**81778W30**



| Technical data                                 |                 |
|--|-----------------|
| Type   | Surface         |
| Installation position                          | Ceiling         |
| Installation environment                       | Outdoor         |
| Light Source                                   | LED             |
| Circuit structure                              | topLED          |
| Optics   | Medium Flood    |
| Light emission direction                       | downward        |
| Nominal power                                  | 90 W DC         |
| Total Power                                    | 100 W           |
| Source lumens                                  | 13891 lm        |
| Nominal input voltage                          | 220 - 240 V AC  |
| Input voltage range                            | 198 - 264 V AC  |
| Frequency                                      | 50 - 60 Hz      |
| CCT / Tone                                     | 3000 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                                     | 4.4 Kg          |
| Electrostatic discharge protection             | Yes             |
| Surge protection                               | 5 KV            |

| Finishing casing |                   |
|------------------|-------------------|
| Material         | Aluminium 6060    |
| Colour           | Anodised Aluminum |
| Processing       | 20 µm anodizing   |

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### Energy efficiency class

This product contains 3 light sources of energy efficiency class D.

### Illuminotechnical Features

|  |                |
|--|----------------|
| Light Output Ratio (LOR)               | 84 %           |
| Source lumens                          | 13891 lm       |
| Delivered lumens                       | 11796 lm       |
| Consumption                            | 100 W          |
| Luminaire efficacy                     | 117 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 B20 C10 108000h (at Tj 65 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 21.9     |
| UGR transversal   | 22.7     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |                     |
|-----------------------------|---------------------|
| C90/C270 optics             | 29°                 |
| C0/C180 optics              | 33°                 |
| Light distribution simmetry | Symmetrical 2 assis |

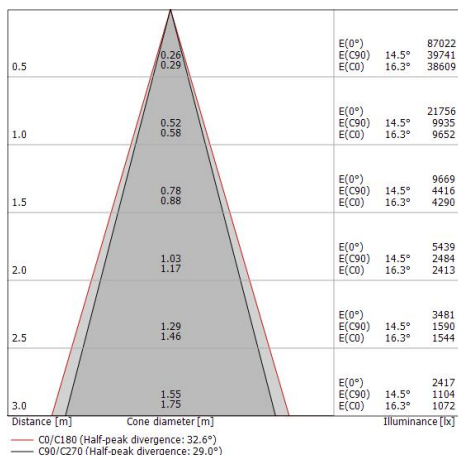
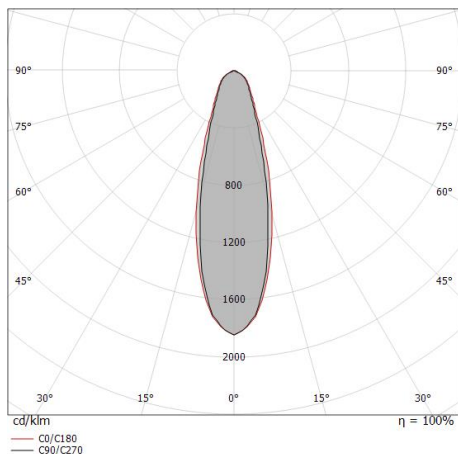
Single emission ceiling downlights for outdoor application. The warm white LED light source with a medium flood light distribution is composed of 48 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 13891 lm, with a 154.3 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a anodised aluminum finish, processed by means of 20 µm anodizing. The ingress protection degree is IP65; the total weight is of 4.4 kg.

The total absorbed power is 100 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.





#### Connector

Type of cable power cable; ; insulation single; section 1 mm<sup>2</sup>; cable gland: yes; colors: blue - brown - yellow-green.

#### Code

99737



#### Cable

Type of cable power cable; Length 1000 mm; insulation single; section 1 mm<sup>2</sup>; cable gland: pg7; colors: blue - brown - yellow-green.

#### Code

84863