Alux Pro



Ceiling Downlights | 198-264 V AC /180-275 V DC 48 topLED 90 W DC - 100 W AC | CRI 80 81779W30





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 Im 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 Dimmable article DALI Directional No Viewer No Drive-over No Cable included Yes	Technical data	
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 Im 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 Directional No No Titing No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting No	Туре	Surface
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 Im 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 Dirmmable article DALI Directional No Tilting No Walk-over No Driver-over No Cable length 1 m Resin potting No Type of light emission	Installation position	Ceiling
Circuit structure topLED Optics Medium Flood Light emission direction downward Nominal power 90 W DC Total Power 100 W Source lumens 13891 Im 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 IKO6 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 Net weight 4.4 Kg	Installation environment	Outdoor
Optics Medium Flood Light emission direction downward Nominal power 90 W DC Total Power 100 W Source lumens 13891 Im 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 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 Net weight 4.4 Kg	Light Source	LED
Light emission direction Nominal power Total Power Total Power Source lumens 13891 Im 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 C.C. / C.V. Safety class 1 IP IP65 IK IKO6 Glow wire test B50° Direct mounting on normally flammable surfaces CE Yes CE Driver included Driver Dimmable article DALI Directional No Tilting No Walk-over No Cable included Yes Cable length 1 m Resin potting No Single emission Net weight Vac AC AC AC AC AC AC AC AC AC A	Circuit structure	topLED
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 Driver Dimmable article DALI Directional No Titing 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	Optics	Medium Flood
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 DALI Directional No Tilting No Walk-over No Driver-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Single emission Net weight 4.4 Kg	Light emission direction	downward
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 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 4.4 Kg	Nominal power	90 W DC
Nominal input voltage Input voltage range Input voltage Input voltage range Input voltage Input voltage range Input voltage Input volt	Total Power	100 W
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 DALI Directional No Tilting No Walk-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Net weight 4.4 Kg	Source lumens	13891 lm
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 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 4.4 Kg	Nominal input voltage	220 - 240 V AC
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 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 4.4 Kg	Input voltage range	198 - 264 V AC
Colour rendering index C.C. / C.V. AC Safety class 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 Net weight AC Safety Class I NO AC Safety class I NO Brook AC	Frequency	50 - 60 Hz
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 4.4 Kg	CCT / Tone	3000 K
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 4.4 Kg	Colour rendering index	80 Ra
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 Titing 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	C.C. / C.V.	AC
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 4.4 Kg	Safety class	1
Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver 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 4.4 Kg	IP	IP65
Direct mounting on normally flammable surfaces CE Yes Driver Driver Dimmable article Directional No Tilting No Walk-over No Drive-over No Cable included Yes Cable length Type of light emission Net weight Yes Yes Yes Driver No Driver No No No No Type of light emission Net weight Yes Single emission Net weight Yes	IK	IK06
CE Yes Driver included Driver Dimmable article DALI Directional No Titting 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	Glow wire test	850°
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 4.4 Kg	Direct mounting on normally flammable surfaces	Yes
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 4.4 Kg	CE	Yes
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	Driver included	Driver
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	Dimmable article	DALI
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	Directional	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	Tilting	No
Cable included Yes Cable length 1 m Resin potting No Type of light emission Single emission Net weight 4.4 Kg	Walk-over	No
Cable length 1 m Resin potting No Type of light emission Single emission Net weight 4.4 Kg	Drive-over	No
Resin potting No Type of light emission Net weight No 4.4 Kg	Cable included	Yes
Type of light emission Net weight Single emission 4.4 Kg	Cable length	1 m
Net weight 4.4 Kg	Resin potting	No
	Type of light emission	Single emission
Electrostatic discharge protection Yes	Net weight	4.4 Kg
	Electrostatic discharge protection	Yes





1234

Colour

Processing

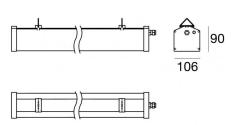












Finishing casing	
Material	Aluminium 6060
Colour	Anodised Aluminum
Processing	20 μm anodizing
Finishing diffuser	
Material	Extra clear glass - Tempered

transparent

Silk-screening

5 KV

Surge protection

Alux Pro



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

81779W30

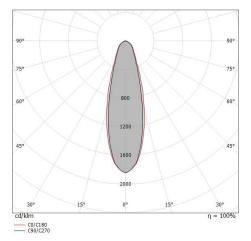
Single emission ceiling downlights for outdoor application. The warm white LED light source with a medium flood light distribution is composed of 48 powerled LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 13891 lm, with a 154.3 lm/W nominal luminous efficacy.

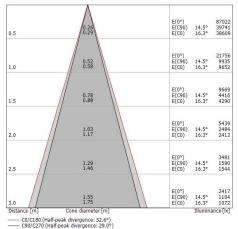
The device body is made of aluminium 6060 and features a anodised aluminum finish, processed by means of 20 μm anodizing; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP65; the total weight is of 4.4 kg.

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.





Energy efficiency class

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

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

Alux Pro



Alux Pro | Ceiling Downlights | Accessories 81779W30



Cable

83239

Code

Type of cable power + signal cable; Length 1000 mm; insulation double without shielding; section 2.5 mm²; cable gland: no; colors: black - blue - grey - brown - yellow-green.