# Portik\_R

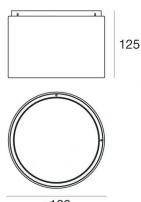
#### Ceiling Downlights | 198-264 V 1 arrayLED 33 W DC - 36 W AC | CRI 80 81888M15





Technical data	
Туре	Surface
Installation position	Ceiling
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Spot
Light emission direction	downward
Nominal power	33 W DC
Total Power	36 W
Source lumens	4777 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP65
К	IK08
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	DALI - PUSH DIM
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	2.8 Kg
Electrostatic discharge protection	Yes
Surge protection	1 KV
Optics technology	Set-back low glare optics

EAL CE 🕱 🕐 🗄 🖂 KOB P65 📑 🏹



ø180

Finishing casing	
Material	Die-cast Aluminium EN AB - 46100
Colour	Dark brown
Processing	Open pore anodizing + Powder Coating

### Finishing diffuser

r moning amaoor	
Material	Extra clear glass
Colour	transparent
Processing	Silk-screening

## Ceiling Downlights | 198-264 V | 1 arrayLED 33 W DC - 36 W AC | CRI 80 | Base 81888M15

Single emission ceiling downlights for outdoor application. The super warm white LED light source with a spot light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 4777 lm, with a 144.8 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a dark brown finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass with a silk-screening treatment. The ingress protection degree is IP65; the total weight is of 2.8 kg.

The total absorbed power is 36 W.

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 a light source of energy efficiency class E.

Illuminotechnical Features	
Light Output Ratio (LOR)	60 %
Source lumens	4777 lm
Delivered lumens	2873 lm
Consumption	36 W
Luminaire efficacy	79 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

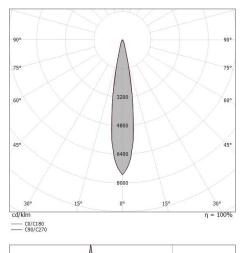
#### LED Life / Failure Ratio

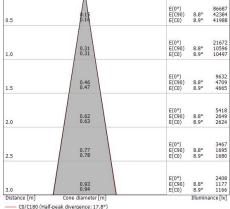
L70 B10 C0 252000h (at Tj 65 Ta 25 )

15.6
15.7
S=0.25H
70/50/20

PTICAL

OPTICAL		
C0/C180 optics	18°	
Light distribution simmetry	Symmetrical	





C0/C180 (Half-peak divergence: 17.8°) C90/C270 (Half-peak divergence: 17.6°)