

Vedette_R Single emission



Wall Lights | 198-264 V
1 arrayLED 14 W DC - 15.5 W AC | CRI 80

82816M30



| Technical data | |
|--|-----------------|
| Type | Surface |
| Installation position | Wall lights |
| Installation environment | Outdoor |
| Light Source | LED |
| Circuit structure | arrayLED |
| Optics | Medium Flood |
| Light emission direction | downward |
| Nominal power | 14 W DC |
| Total Power | 15.5 W |
| Source lumens | 1676 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 | IP66 |
| 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 | Yes |
| Type of light emission | Single emission |
| Net weight | 1.75 Kg |
| Electrostatic discharge protection | Yes |
| Surge protection | 1 KV |
| Product technological characteristics | Acquastop - TVS |

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

| Finishing diffuser | |
|--------------------|------------------------------|
| Material | Extra clear glass - Tempered |
| Colour | opaline |
| Processing | Sandblasting |

| Cables Electrification | |
|------------------------|----|
| Cable connector | No |



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Single emission wall lights for outdoor application. The super warm white LED light source with a medium flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1676 lm, with a 119.7 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 - tempered with a sandblasting treatment. The ingress protection degree is IP66; the total weight is of 1.75 kg.

The total absorbed power is 15.5 W. The power supply cable is included and features a 1 m length.

The device features protection class I and can be wall lights-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) | 74 % |
| Source lumens | 1676 lm |
| Delivered lumens | 1256 lm |
| Consumption | 15.5 W |
| Luminaire efficacy | 81 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

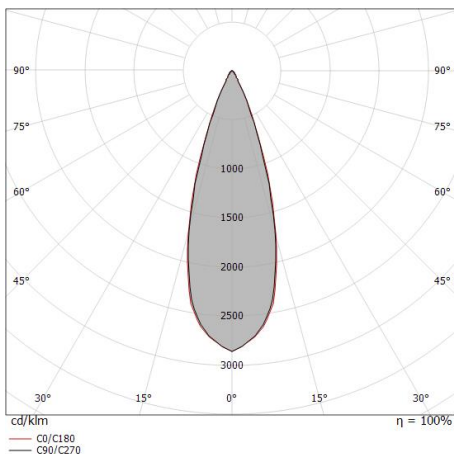
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 16.8 |
| UGR transversal | 16.8 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 33° |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|--|
| 0.5 | 0.30 0.30 | E(0°) 14360 E(C90) 16.5° 6387 E(C0) 16.8° 6309 |
| 1.0 | 0.59 0.60 | E(0°) 3590 E(C90) 16.5° 1597 E(C0) 16.8° 1577 |
| 1.5 | 0.89 0.91 | E(0°) 1596 E(C90) 16.5° 710 E(C0) 16.8° 701 |
| 2.0 | 1.18 1.21 | E(0°) 897 E(C90) 16.5° 399 E(C0) 16.8° 394 |
| 2.5 | 1.48 1.51 | E(0°) 574 E(C90) 16.5° 255 E(C0) 16.8° 252 |
| 3.0 | 1.78 1.81 | E(0°) 399 E(C90) 16.5° 177 E(C0) 16.8° 175 |

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 33.6°)
 — C90/C270 (Half-peak divergence: 33.0°)