

Vedette_Q Single emission



Wall Lights | 198-264 V AC /186-275 V DC
1 x powerLED 4 W DC - 4.5 W AC | CRI 80



82766M15



| Technical data | |
|--|-----------------|
| Type | Surface |
| Installation position | Wall lights |
| Installation environment | Outdoor |
| Light Source | LED |
| Circuit structure | powerLED |
| Optics | Spot |
| Light emission direction | downward |
| Nominal power | 4 W DC |
| Total Power | 4.5 W |
| Source lumens | 490 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 | 2 |
| IP | IP66 |
| IK | IK05 |
| 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 | 0.31 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 |

The driver contained in the device complies with IEC 61347-2-13 annex J, and can therefore be powered by centralized power systems.



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Base
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Single emission wall lights for outdoor application. The super warm white LED light source with a spot light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 490 lm, with a 122.5 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 0.31 kg.

The total absorbed power is 4.5 W. The power supply cable is included and features a 1 m length.

The device features protection class II 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) | 72 % |
| Source lumens | 490 lm |
| Delivered lumens | 353 lm |
| Consumption | 4.5 W |
| Luminaire efficacy | 78 lm/W |
| Colour temperature | 2700 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Colour rendering index | 80 Ra |
| Black Body Locus | On |

| | |
|--|-------------|
| Standard Operating Ambient Temperature | -20 / +50°C |
| Ordinary temperature on the glass | 40°C |

LED Life / Failure Ratio

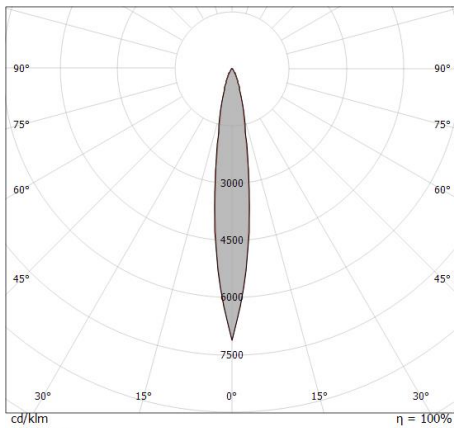
L70 B10 C0 247450h (at Tj 60 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 21.3 |
| UGR transversal | 21.4 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 14° |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | Illuminance [lx] |
|--------------|-------------------|--|
| 0.5 | 0.13 0.13 | E(0°) 10048 E(C90) 4945 E(C0) 4909 |
| 1.0 | 0.26 0.25 | E(0°) 2512 E(C90) 1236 E(C0) 1227 |
| 1.5 | 0.38 0.38 | E(0°) 1116 E(C90) 549 E(C0) 545 |
| 2.0 | 0.51 0.51 | E(0°) 628 E(C90) 309 E(C0) 307 |
| 2.5 | 0.64 0.63 | E(0°) 402 E(C90) 198 E(C0) 196 |
| 3.0 | 0.77 0.76 | E(0°) 279 E(C90) 137 E(C0) 136 |

— C0/C180 (Half-peak divergence: 14.4°)
— C90/C270 (Half-peak divergence: 14.6°)

COLOR VECTOR GRAPHIC

