

# 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

**82766N30**



| Technical data                                 |                 |
|--|-----------------|
| Type   | Surface         |
| Installation position                          | Wall lights     |
| Installation environment                       | Outdoor         |
| Light Source                                   | LED             |
| Circuit structure                              | powerLED        |
| Optics   | Medium Flood    |
| Light emission direction                       | downward        |
| Nominal power                                  | 4 W DC          |
| Total Power                                    | 4.5 W           |
| Source lumens                                  | 529 lm          |
| Nominal input voltage                          | 220 - 240 V AC  |
| Input voltage range                            | 198 - 264 V AC  |
| Frequency                                      | 50 - 60 Hz      |
| CCT / Tone                                     | 4000 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 |



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Base  
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Single emission wall lights for outdoor application. The natural white LED light source with a medium flood light distribution is composed of 1 powered LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 529 lm, with a 132.3 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)              | 57 %           |
| Source lumens                         | 529 lm         |
| Delivered lumens                      | 302 lm         |
| Consumption                           | 4.5 W          |
| Luminaire efficacy                    | 67 lm/W        |
| Colour temperature                    | 4000 K         |
| Standard Deviation of Colour Matching | 3 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

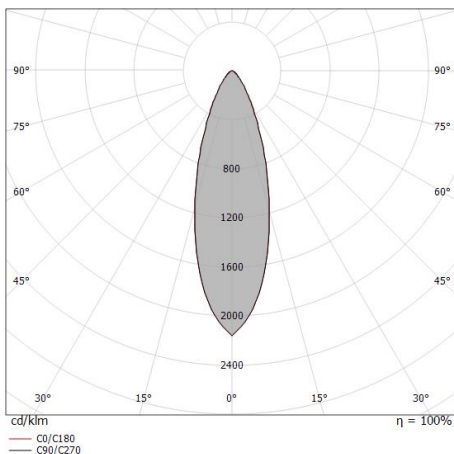
L70 B10 C0 247450h (at Tj 60 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 24.4     |
| UGR transversal   | 24.5     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| C0/C180 optics              | 32°         |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | illuminance [lx]                                    |
|--------------|-------------------|---|
| 0.5          | 0.29<br>0.29      | E(0°) 2601<br>E(C90) 16.1° 1161<br>E(C0) 16.2° 1152 |
| 1.0          | 0.58<br>0.58      | E(0°) 650<br>E(C90) 16.1° 290<br>E(C0) 16.2° 288    |
| 1.5          | 0.87<br>0.87      | E(0°) 289<br>E(C90) 16.1° 129<br>E(C0) 16.2° 128    |
| 2.0          | 1.15<br>1.16      | E(0°) 163<br>E(C90) 16.1° 73<br>E(C0) 16.2° 72      |
| 2.5          | 1.44<br>1.45      | E(0°) 104<br>E(C90) 16.1° 46<br>E(C0) 16.2° 46      |
| 3.0          | 1.73<br>1.74      | E(0°) 72<br>E(C90) 16.1° 32<br>E(C0) 16.2° 32       |

— C0/C180 (Half-peak divergence: 32.4°)  
— C90/C270 (Half-peak divergence: 32.2°)