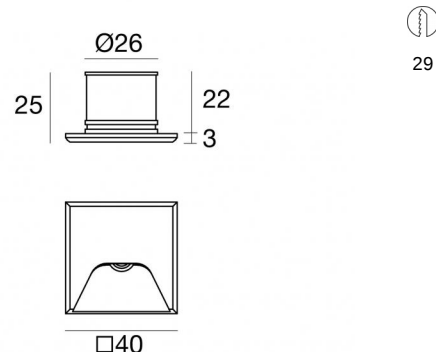


Wandleuchten - Step-Leuchten  
1 x powerLED 1 W DC 350 mA | CRI 80  
**96977W07**



| Technische Daten                                     |                              |
|------------------------------------------------------|------------------------------|
| Typ                                                  | Wandleuchten - Step-Leuchten |
| Installationsposition                                | Wand - Decke                 |
| Installationsumgebung                                | Outdoor                      |
| Lichtquelle                                          | LED                          |
| Circuit structure                                    | powerLED                     |
| Optik                                                | Asymmetric Wallwasher        |
| Light emission direction                             | downward                     |
| Lampe Nennleistung                                   | 1 W DC                       |
| Lichtstrom (Lichtquelle)                             | 154 lm                       |
| Eingangsspannungsbereich                             | 350mA                        |
| Ähnlichste Farbtemperatur / Tone                     | 3000 K                       |
| Farbwiedergabeindex                                  | 80 Ra                        |
| Gleichstrom/Gleichspannung                           | CC                           |
| Isolierklasse                                        | 3                            |
| IP                                                   | IP66                         |
| IK                                                   | IK10                         |
| Glühdrahtprüfung                                     | 850°                         |
| Direkte Montage auf normal entflammbaren Oberflächen | Ja                           |
| CE                                                   | Ja                           |
| Einschließlich Driver                                | Nein                         |
| Leuchte dimmbar                                      | Ja                           |
| Schwenkbarkeit                                       | Nein                         |
| Drehbarkeit                                          | Nein                         |
| Begehrbarkeit                                        | Nein                         |
| Überrollbarkeit                                      | Nein                         |
| Einschließlich Kabel                                 | Ja                           |
| Kabellänge                                           | 1 m                          |
| Harzbeschichtung                                     | Ja                           |
| Einbautiefe                                          | 22 mm                        |
| Typ Lichtabstrahlung                                 | Einflammig                   |
| Nettogewicht                                         | 0.04 Kg                      |
| Schutz vor elektrostatischen Entladungen             | Nein                         |
| Schutz vor Stoßspannungen                            | Nein                         |
| Technische Merkmale des Produkts                     | Acquastop - TVS              |

| Oberfläche Oberfläche Gehäuse |                                             |
|-------------------------------|---------------------------------------------|
| Material                      | Aluminiumlegierung 6026                     |
| Farbe                         | Text black RAL9005                          |
| Bearbeitungstyp               | Offenporige Anodisierung + Pulverlackierung |

| Oberfläche Oberfläche diffusor |             |
|--------------------------------|-------------|
| Material                       | Silikonharz |
| Farbe                          | Transparent |

## Elektronik



89421  
On/Off Driver 198~264V AC / 176~275V DC (3 - 6 art.)



89419  
On/Off Driver 198~264V AC / 176~275V DC (1 - 2 art.)



C-E200004  
Push and Simply Dim - DALI-2 Controller (5 - 12 art.)



C-E200006  
On/Off Driver 198~264V AC / V DC (6 - 12 art.)

| Cables Electrification |                                              |
|------------------------|----------------------------------------------|
| Cable connector        | No connector - Neoprene 2x0.5mm <sup>2</sup> |

**Wandleuchten - Step-Leuchten | 1 x powerLED 1 W DC 350 mA | CRI 80  
96977W07**

Single emission wall lights for outdoor application. The warm white LED light source with a asymmetric wallwasher light distribution is composed of 1 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 154 lm, with a 154.0 lm/W nominal luminous efficacy.

The device body is made of aluminium alloy 6026 and features a text black ral9005 finish, processed by means of open pore anodizing + powder coating; the diffuser is made of silicone resin. Surface treatment of the product body through aluminum chemical conversion, followed by polyester powder coating, using exclusively coatings compliant with the Qualicoat standard.

The ingress protection degree is IP66; the total weight is of 0.04 kg. The power supply driver is not provided and is to be ordered separately.

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

The device features protection class III and can be wall lights or ceiling-mounted, with a 29 mm diameter hole (in plasterboard) with an outer casing, code 84915(for concrete or masonry).

Compliant with the EN 60598-1 standard and its specific provisions.

**Energieeffizienzklasse**

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

**Illuminotechnical Eigenschaften**

|                                       |             |
|---------------------------------------|-------------|
| Light Output Ratio (LOR)              | 13 %        |
| Lichtstrom (Lichtquelle)              | 154 lm      |
| Leuchten Lichtstrom                   | 21 lm       |
| Consumption                           | 1,0 W       |
| Leuchten Lichtausbeute                | 21 lm/W     |
| Farbtemperatur                        | 3000 K      |
| Standard Deviation of Colour Matching | 1.5 Step    |
| Farbwiedergabeindex                   | 80 Ra       |
| Standardumgebungstemperatur           | -20 / +50°C |
| Typische Temperatur am Glas           | 40°C        |

**LED Life / Failure Ratio**

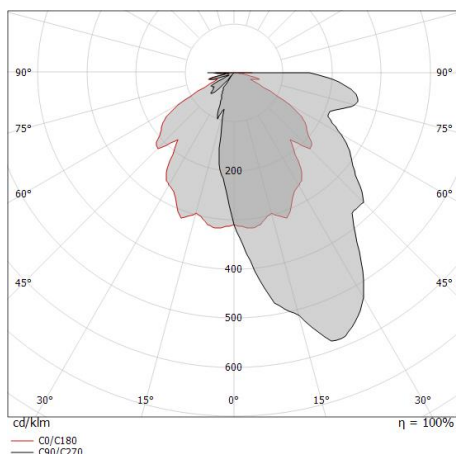
L70 B10 C0 1240219h (at Tj 65 Ta 25 )

L80 B10 C0 745627h (at Tj 65 Ta 25 )

L90 B10 C0 309367h (at Tj 65 Ta 25 )

**OPTICAL**

|                             |              |
|-----------------------------|--------------|
| Optik C0/C180               | 115°         |
| Light distribution simmetry | Asymmetrical |



|                                                     |      |                  |       |         |
|-----------------------------------------------------|------|------------------|-------|---------|
| 0.5                                                 | 1.58 | E(0°)<br>E(C0)   | 57.6° | 25<br>2 |
| 1.0                                                 | 3.15 | E(0°)<br>E(C0)   | 57.6° | 6<br>1  |
| 1.5                                                 | 4.73 | E(0°)<br>E(C0)   | 57.6° | 3<br>0  |
| 2.0                                                 | 6.30 | E(0°)<br>E(C0)   | 57.6° | 2<br>0  |
| 2.5                                                 | 7.88 | E(0°)<br>E(C0)   | 57.6° | 1<br>0  |
| 3.0                                                 | 9.45 | E(0°)<br>E(C0)   | 57.6° | 1<br>0  |
| Distance [m]                      Cone diameter [m] |      | Illuminance [lx] |       |         |
| — C0/C180 (Half-peak divergence: 115.2°)            |      |                  |       |         |

Envelope\_1 | Step Lights | Accessories  
96977W07

|                                                                                   |                                                                                   |                                                                                                                                                            |                          |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
|  |  | <p>Einbaugehäuse</p> <p>installationsposition: decke; typ installation: mauerwerk L=42mm, H=35mm, D=35mm.</p> <p>Material:Kunststoff ABS, farbe:Black.</p> | <p>Code</p> <p>84336</p> |
|  |  | <p>Einbaugehäuse</p> <p>installationsposition: wand; typ installation: mauerwerk L=49mm, H=60mm, D=60mm.</p> <p>Material:Kunststoff ABS, farbe:Black.</p>  | <p>Code</p> <p>84915</p> |