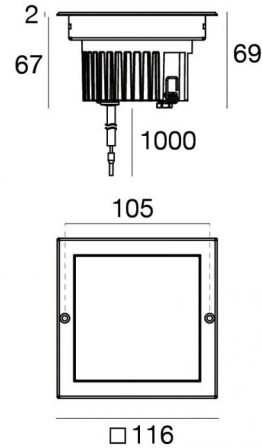


Uplights | 1 arrayLED 8 W DC 24 V | CRI 80
77312W60



| Technische Daten | |
|---|--------------------------|
| Typ | Begehbar |
| Installationsposition | Boden |
| Installationsumgebung | Outdoor |
| Lichtquelle | LED |
| Circuit structure | arrayLED |
| Optik | Medium Wide Flood |
| Light emission direction | upward |
| Lampe Nennleistung | 8 W DC |
| Lichtstrom (Lichtquelle) | 1126 lm |
| Eingangsspannungsbereich | 24 V |
| Ähnlichste Farbtemperatur / Tone | 3000 K |
| Farbwiedergabeindex | 80 Ra |
| Gleichstrom/Gleichspannung | CV |
| Isolierklasse | 3 |
| IP | IP67 |
| IK | IK10 |
| Glühdrahtprüfung | 850° |
| Direkte Montage auf normal entflammaren Oberflächen | Ja |
| CE | Ja |
| Einschließlich Driver | Nein |
| C.V. - C.C. Converter | 24 V Konverter enthalten |
| Leuchte dimmbar | DALI - 1-10V |
| Schwenkbarkeit | Nein |
| Drehbarkeit | Nein |
| Begehbarkeit | Ja |
| Überrollbarkeit | 2000 Kg |
| Einschließlich Kabel | Ja |
| Kabellänge | 1 m |
| Harzbeschichtung | Ja |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 0.9 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |
| Optiktechnologie | Honey comb |
| Technische Merkmale des Produkts | Acquastop - TVS |

Oberfläche Gehäuse

| | |
|-----------------|---|
| Material | Stranggepresstes Aluminium EN AB - 46100 |
| Farbe | Schwarz |
| Bearbeitungstyp | Offenporige Anodisierung + Pulverlackierung |

Oberfläche Diffusor

| | |
|-----------------|------------------------------|
| Material | Extra-helles Glas - Gehärtet |
| Farbe | transparent |
| Bearbeitungstyp | Siebdruck |

Oberfläche flansch

| | |
|-----------------|----------------|
| Material | Stahl AISI 316 |
| Farbe | Stahl |
| Bearbeitungstyp | Bürsten |

Elektronik



89179
On/Off Driver 198-264V AC 24 W (1 - 3 art.)



89359
On/Off Driver 198-264V AC / 180-275V DC 48 W (1 - 6 art.)



99331
On/Off Driver 198-264V AC / 176-275V DC 150 W (1 art.)



99660
DALI - 1-10V Controller 24V DC 216 W (1 art.)



C-E500023
DALI - 1-10V - Push and Simply Dim Controller 8-53V DC 576 W (1 art.)

Cables Electrification

| | |
|-----------------|----|
| Cable connector | No |
|-----------------|----|

Uplights | 1 arrayLED 8 W DC 24 V | CRI 80 77312W60

Single emission uplights for outdoor application. The warm white LED light source with a medium wide flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 1126 lm, with a 140.8 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP67; the total weight is of 0.9 kg.

The total absorbed power is 8 W. The power supply cable is included and features a 1 m length.

The device features protection class III and can be floor-mounted with an outer casing, code 83410(for concrete or masonry).

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

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

| | |
|---------------------------------------|----------------|
| Light Output Ratio (LOR) | 43 % |
| Lichtstrom (Lichtquelle) | 1126 lm |
| Leuchten Lichtstrom | 494 lm |
| Consumption | 9 W |
| Leuchten Lichtausbeute | 54 lm/W |
| Farbtemperatur | 3000 K |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex | 80 Ra |
| Black Body Locus | On |
| Standardumgebungstemperatur | -20 / +50°C |
| Typische Temperatur am Glas | 50°C |

LED Life / Failure Ratio

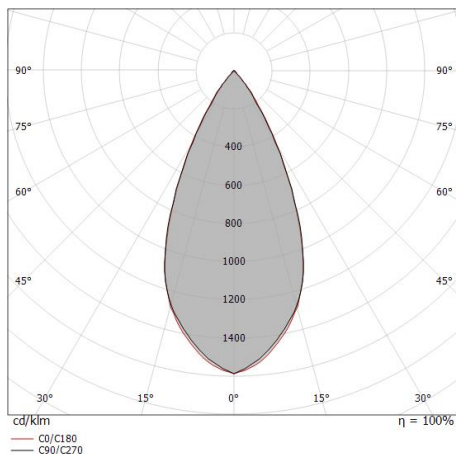
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 12.3 |
| UGR transversal | 12.8 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| Optik C0/C180 | 48° |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | E(0°) | E(C90) | E(C0) | Illuminance [lx] |
|--------------|-------------------|-------|--------|-------|------------------|
| 0.5 | 0.45 | 3131 | 24.3° | 24.2° | 1193 |
| 1.0 | 0.90 | 783 | 24.3° | 24.2° | 299 |
| 1.5 | 1.35 | 348 | 24.3° | 24.2° | 133 |
| 2.0 | 1.81 | 196 | 24.3° | 24.2° | 75 |
| 2.5 | 2.26 | 125 | 24.3° | 24.2° | 48 |
| 3.0 | 2.71 | 87 | 24.3° | 24.2° | 33 |

— C0/C180 (Half-peak divergence: 48.4°)
— C90/C270 (Half-peak divergence: 48.6°)

COLOR VECTOR GRAPHIC





Orma_Q | Uplights | Accessories
77312W60



Einbaugehäuse

installationsposition: boden; typ installation: mauerwerk L=114mm, H=93mm, D=114mm.

Material:Kunststoff ABS, farbe:Schwarz.

Code

83410