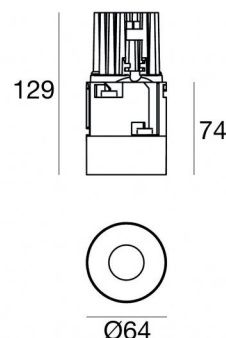


Downlights | 1 x powerLED 10 W DC 800 mA | CRI 80  
80592W45



| Technische Daten                                    |                   |
|-----------------------------------------------------|-------------------|
| Typ                                                 | Halbeinbau        |
| Installationsposition                               | Decke             |
| Installationsumgebung                               | Indoor            |
| Lichtquelle                                         | LED               |
| Circuit structure                                   | powerLED          |
| Optik                                               | Medium Wide Flood |
| Light emission direction                            | downward          |
| Lampe Nennleistung                                  | 10 W DC           |
| Lichtstrom (Lichtquelle)                            | 1194 lm           |
| Eingangsspannungsbereich                            | 800mA             |
| Ähnlichste Farbtemperatur / Tone                    | 3000 K            |
| Farbwiedergabeindex                                 | 80 Ra             |
| Gleichstrom/Gleichspannung                          | CC                |
| Isolierklasse                                       | 3                 |
| IP                                                  | IP44              |
| IP optisches System                                 | IP65              |
| IK                                                  | IK05              |
| Glühdrahtprüfung                                    | 850°              |
| Direkte Montage auf normal entflammaren Oberflächen | Ja                |
| CE                                                  | Ja                |
| Einschließlich Driver                               | Nein              |
| Leuchte dimmbar                                     | DALI - 1-10V      |
| Schwenkbarkeit                                      | Nein              |
| Drehbarkeit                                         | Nein              |
| Begehbarkeit                                        | Nein              |
| Überrollbarkeit                                     | Nein              |
| Einschließlich Kabel                                | Nein              |
| Harzbeschichtung                                    | Nein              |
| Einbautiefe                                         | 129 mm            |
| Typ Lichtabstrahlung                                | Einflammig        |
| Nettogewicht                                        | 0.187 Kg          |
| Schutz vor elektrostatischen Entladungen            | Nein              |
| Schutz vor Stoßspannungen                           | Nein              |
| Optiktechnologie                                    | F.O.L.            |
| Technische Merkmale des Produkts                    | TVS               |

#### Oberfläche Oberfläche Gehäuse

|                 |                             |
|-----------------|-----------------------------|
| Material        | UV beständiges Polycarbonat |
| Farbe           | Text black RAL9005          |
| Bearbeitungstyp | Flüssiglackierung           |

#### Oberfläche Oberfläche diffusor

|          |                             |
|----------|-----------------------------|
| Material | UV beständiges Polycarbonat |
| Farbe    | Transparent                 |

#### Oberfläche Oberfläche strahler

|                 |                                          |
|-----------------|------------------------------------------|
| Material        | Stranggepresstes Aluminium EN AB - 46100 |
| Bearbeitungstyp | Trommelung                               |

#### Elektronik



99135  
On/Off Driver 198–264V AC (2 - 3 art.)



99345  
DALI - Push and Simply Dim Multi Power 198–264V AC / V DC (1 - 3 art.)



99735  
Multi Power 198–264V AC / 180–275V DC (1 art.)



99733  
1-10V Multi Power 198–264V AC / V DC (1 art.)



99731  
DALI - Push and Simply Dim Controller 198–264V AC / 180–275V DC (1 art.)



83232  
DALI-2 Multi Power 198–264V AC / 176–280V DC (1 - 4 art.)

Downlights | 1 x powerLED 10 W DC 800 mA | CRI 80  
80592W45

Single emission recessed downlights for indoor application. The warm white LED light source with a medium wide flood light distribution is composed of 1 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 1194 lm, with a 119.4 lm/W nominal luminous efficacy.

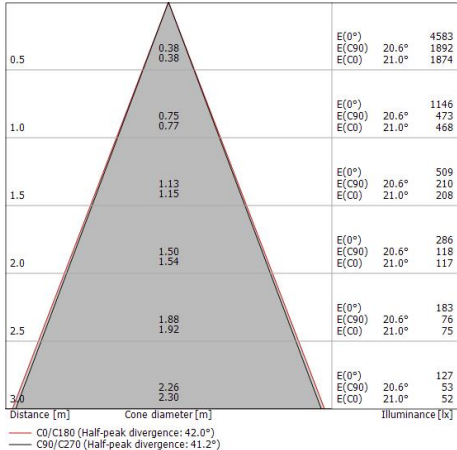
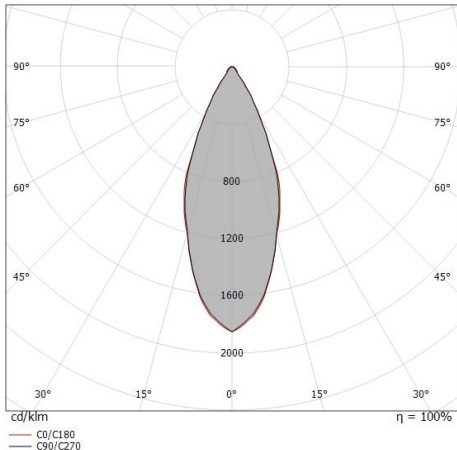
The device body is made of uv resistant polycarbonate and features a text black ral9005 finish, processed by means of liquid painting; the diffuser is made of uv resistant polycarbonate.

The ingress protection degree is IP44; the total weight is of 0.187 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 10 W

The device features protection class III and can be ceiling-mounted with an outer casing, code 98534(for concrete or masonry).

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



Energieeffizienzklasse

Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 25 %           |
| Lichtstrom (Lichtquelle)              | 2388 lm        |
| Leuchten Lichtstrom                   | 619 lm         |
| Consumption                           | 10 W           |
| Leuchten Lichtausbeute                | 61 lm/W        |
| Farbtemperatur                        | 3000 K         |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex                   | 80 Ra          |
| Standardumgebungstemperatur           | -20 / +50°C    |
| Typische Temperatur am Glas           | 40°C           |

LED Life / Failure Ratio

L70 B10 C0 363000h (at Tj 65 Ta 25 )

L80 B10 C0 237566h (at Tj 65 Ta 25 )

L90 B10 C0 151000h (at Tj 65 Ta 25 )

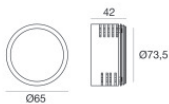
UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 19.8     |
| UGR transversal   | 19.9     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

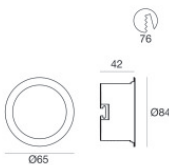
OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 41°         |
| Light distribution simmetry | Symmetrical |

Epitax | Downlights | Accessories  
**80592W45**



Einbaugehäuse - Frameless Außengehäuse **Code**  
98499  
 installationsposition: decke; typ installation: gipskarton L=73.5mm, H=42mm, D=73.5mm.  
 Material:ABS + Glasfaser 15%, farbe:Weiß, bearbeitungstyp :roh.



Einbaugehäuse - Einbaugehäuse **Code**  
98534  
 installationsposition: decke; typ installation: gipskarton L=84mm, H=42mm, D=84mm.  
 Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.