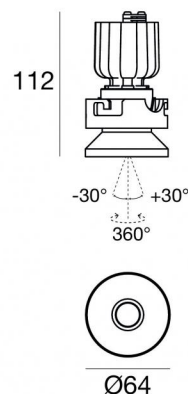


Downlights | 1 x powerLED 8 W DC 700 mA | CRI 80  
**80642W30**



| Technische Daten                                    |              |
|-----------------------------------------------------|--------------|
| Typ                                                 | Halbeinbau   |
| Installationsposition                               | Decke        |
| Installationsumgebung                               | Indoor       |
| Lichtquelle                                         | LED          |
| Circuit structure                                   | powerLED     |
| Optik                                               | Medium Flood |
| Light emission direction                            | downward     |
| Lampe Nennleistung                                  | 8 W DC       |
| Lichtstrom (Lichtquelle)                            | 854 lm       |
| Eingangsspannungsbereich                            | 700mA        |
| Ähnlichste Farbtemperatur / Tone                    | 3000 K       |
| Farbwiedergabeindex                                 | 80 Ra        |
| Gleichstrom/Gleichspannung                          | CC           |
| Isolierklasse                                       | 3            |
| IP                                                  | IP44         |
| IP optisches System                                 | IP65         |
| Glühdrahtprüfung                                    | 850°         |
| Direkte Montage auf normal entflammaren Oberflächen | Ja           |
| CE                                                  | Ja           |
| Einschließlich Driver                               | Nein         |
| Leuchte dimmbar                                     | Ja           |
| Schwenkbarkeit                                      | Nein         |
| Drehbarkeit                                         | Ja           |
| Gesamtwinkel (horizontale Ebene)                    | 360 °        |
| Gesamtwinkel (vertikale Ebene)                      | 60 °         |
| Begehbarkeit                                        | Nein         |
| Überrollbarkeit                                     | Nein         |
| Einschließlich Kabel                                | Ja           |
| Kabellänge                                          | 0.17 m       |
| Harzbeschichtung                                    | Nein         |
| Einbautiefe                                         | 112 mm       |
| Typ Lichtabstrahlung                                | Einflammig   |
| Nettogewicht                                        | 0.280 Kg     |
| Schutz vor elektrostatischen Entladungen            | Nein         |
| Schutz vor Stoßspannungen                           | Nein         |
| Optiktechnologie                                    | F.O.L.       |
| Technische Merkmale des Produkts                    | TVS          |

#### Oberfläche Oberfläche Gehäuse

|                 |                                                |
|-----------------|------------------------------------------------|
| Material        | Aluminiumlegierung 6026                        |
| Farbe           | Text white RAL9003                             |
| Bearbeitungstyp | Pulverbeschichtung mit duroplastischen Pulvern |

#### Oberfläche Oberfläche diffusor

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

#### Oberfläche Oberfläche strahler

|                 |                                          |
|-----------------|------------------------------------------|
| Material        | Stranggepresstes Aluminium EN AB - 46100 |
| Farbe           | Aluminium                                |
| Bearbeitungstyp | Polieren                                 |

#### Cables Electrification

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

Downlights | 1 x powerLED 8 W DC 700 mA | CRI 80  
80642W30

Single emission recessed downlights for indoor application. The warm white LED light source with a medium flood light distribution is composed of 1 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 854 lm, with a 106.8 lm/W nominal luminous efficacy.

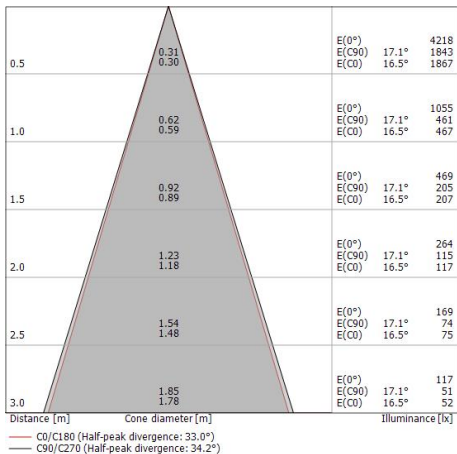
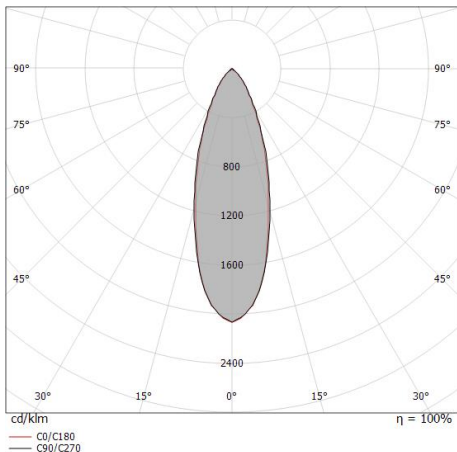
The device body is made of aluminium alloy 6026 and features a text white ral9003 finish, processed by means of powder coating with thermosetting powders; the diffuser is made of uv resistant polycarbonate.

The ingress protection degree is IP44; the total weight is of 0.280 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 8 W The power supply cable is included and features a 0.17 m length.

The device features protection class III and can be ceiling-mounted with an outer casing, code 98533(for concrete or masonry).

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



Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 59 %           |
| Lichtstrom (Lichtquelle)              | 854 lm         |
| Leuchten Lichtstrom                   | 510 lm         |
| Consumption                           | 8 W            |
| Leuchten Lichtausbeute                | 63 lm/W        |
| Farbtemperatur                        | 3000 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex                   | 80 Ra          |
| Standardumgebungstemperatur           | -20 / +50°C    |
| Typische Temperatur am Glas           | 40°C           |

LED Life / Failure Ratio

L70 B10 C0 716641h (at Tj 65 Ta 25 )

L80 B10 C0 445035h (at Tj 65 Ta 25 )

L90 B10 C0 205461h (at Tj 65 Ta 25 )

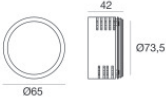
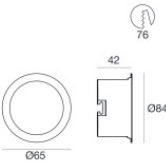
UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 17.5     |
| UGR transversal   | 17.3     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 33°         |
| Light distribution simmetry | Symmetrical |

Epitax\_J | Downlights | Accessories  
**80642W30**

|                                                                                                                                                                     |                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | <p>Einbaugehäuse - Frameless Außengehäuse</p> <p>installationsposition: decke; typ installation: gipskarton L=73.5mm, H=42mm, D=73.5mm.<br/>           Material:ABS + Glasfaser 15%, farbe:Weiß, bearbeitungstyp :roh.</p> <p><b>Code</b><br/> <u>98499</u></p> |
|   | <p>Einbaugehäuse - Einbaugehäuse</p> <p>installationsposition: decke; typ installation: gipskarton L=84mm, H=42mm, D=84mm.<br/>           Material:Aluminium, farbe:weiß RAL 9003, bearbeitungstyp :Lackierung.</p> <p><b>Code</b><br/> <u>98533</u></p>        |
| <p>Schlüssel - Key extraction optic bulb</p> <p><b>Code</b><br/> <u>99704</u></p>                                                                                   |                                                                                                                                                                                                                                                                 |