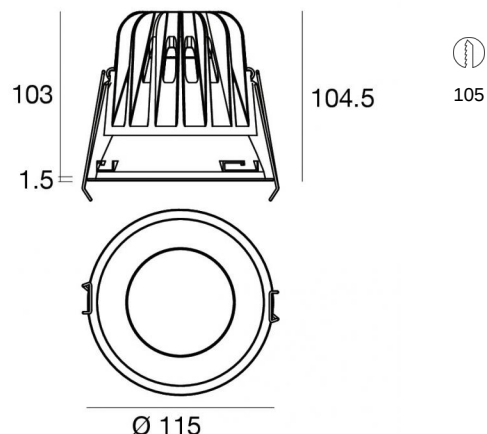


Downlights | 1 arrayLED 18 W DC 550 mA | CRI 90  
C00581BBMWF



| Technische Daten                                    |              |
|-----------------------------------------------------|--------------|
| Installationsposition                               | Decke        |
| Installationsumgebung                               | Indoor       |
| Lichtquelle                                         | LED          |
| Circuit structure                                   | arrayLED     |
| Optik                                               | Wide Flood   |
| Light emission direction                            | downward     |
| Lampe Nennleistung                                  | 18 W DC      |
| Lichtstrom (Lichtquelle)                            | 3090 lm      |
| Eingangsspannungsbereich                            | 550mA        |
| Ähnlichste Farbtemperatur / Tone                    | 2700 K       |
| Farbwiedergabeindex                                 | 90 Ra        |
| Gleichstrom/Gleichspannung                          | CC           |
| Isolierklasse                                       | 3            |
| IP                                                  | IP20         |
| IP optisches System                                 | IP65         |
| 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                                | Ja           |
| Kabellänge                                          | 0.3 m        |
| Harzbeschichtung                                    | Nein         |
| Einbautiefe                                         | 103 mm       |
| Typ Lichtabstrahlung                                | Einflammig   |
| Nettogewicht                                        | 0.457 Kg     |
| Schutz vor elektrostatischen Entladungen            | Nein         |
| Schutz vor Stoßspannungen                           | Nein         |

#### Oberfläche Oberfläche Gehäuse

|                 |                    |
|-----------------|--------------------|
| Material        | Technopolymer      |
| Farbe           | Text black RAL9005 |
| Bearbeitungstyp | Lackierung         |

#### Oberfläche Oberfläche diffusor

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

#### Oberfläche Oberfläche strahler

|                 |                            |
|-----------------|----------------------------|
| Material        | Stranggepresstes Aluminium |
| Farbe           | Aluminium                  |
| Bearbeitungstyp | Trommelung                 |

#### Elektronik



C-E100034  
Push and Simply Dim - DALI-2 Controller (1 art.)



C-E100033  
Multi Power 198-264V AC / V DC (1 art.)

Downlights | 1 arrayLED 18 W DC 550 mA | CRI 90  
C00581BBMWF

Single emission recessed downlights for indoor application. The super warm white LED light source with a wide flood light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 3090 lm, with a 171.7 lm/W nominal luminous efficacy.

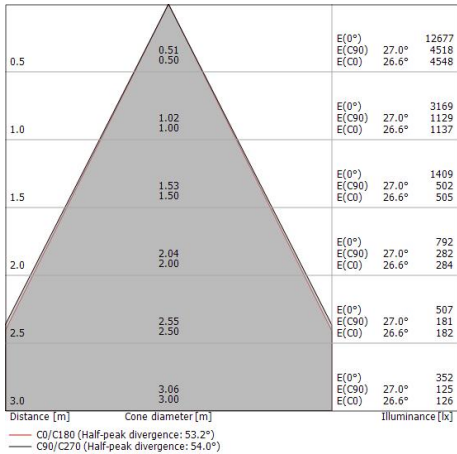
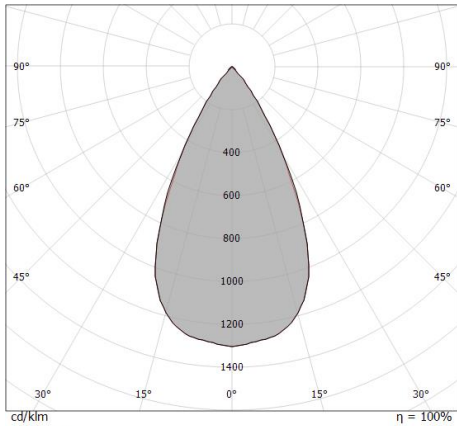
The device body is made of technopolymer and features a text black ral9005 finish, processed by means of coating; the diffuser is made of uv resistant polycarbonate.

The ingress protection degree is IP20; the total weight is of 0.457 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 18 W The power supply cable is included and features a 0.3 m length.

The device features protection class III and can be ceiling-mounted, with a 105 mm diameter hole (in plasterboard) with an outer casing, code C-C100020(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)              | 78 %           |
| Lichtstrom (Lichtquelle)              | 3090 lm        |
| Leuchten Lichtstrom                   | 2428 lm        |
| Consumption                           | 18 W           |
| Leuchten Lichtausbeute                | 134 lm/W       |
| Farbtemperatur                        | 2700 K         |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex                   | 90 Ra          |
| Colour Rendering Index                | 60 R9          |
| Black Body Locus                      | On             |
| Standardumgebungstemperatur           | -20 / +50°C    |
| Typische Temperatur am Glas           | 40°C           |

LED Life / Failure Ratio

L70 B10 C0 235315h (at Tj 65 Ta 25 )

L80 B10 C0 147343h (at Tj 65 Ta 25 )

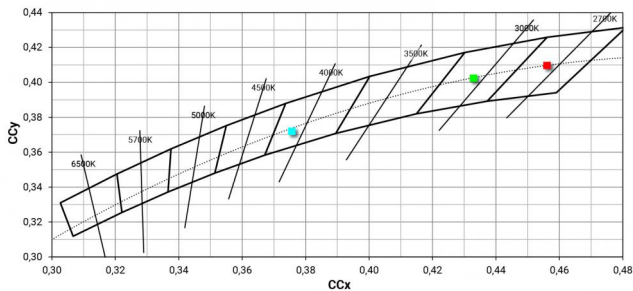
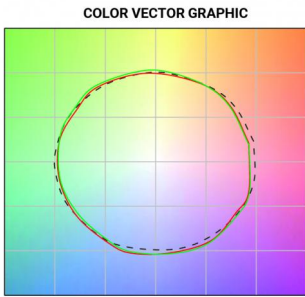
L90 B10 C0 69745h (at Tj 65 Ta 25 )

UGR

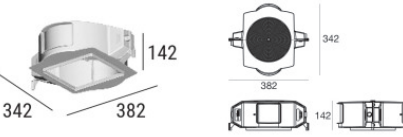
|                   |          |
|-------------------|----------|
| UGR axial         | 17.8     |
| UGR transversal   | 17.8     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 53°         |
| Light distribution simmetry | Symmetrical |



Modoc\_R | Downlights | Accessories  
**C00581BBMWF**

|                                                                                     |                                                                                                                                                                                        |                                         |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
|     | <p>Diffusor<br/>Diffusorart: filtro ellittico</p>                                                                                                                                      | <p><b>Code</b><br/><u>C-U300020</u></p> |
|     | <p>Einbaugehäuse<br/>installationsposition: decke; typ installation: mauerwerk L=382mm, H=142mm, D=342mm.<br/>Material:Polypropylen, farbe:Weiß.</p>                                   | <p><b>Code</b><br/><u>C-C100016</u></p> |
|    | <p>Einbaugehäuse<br/>installationsposition: decke; typ installation: mauerwerk L=687mm, H=142mm, D=382mm.<br/>Material:Polypropylen, farbe:Weiß.</p>                                   | <p><b>Code</b><br/><u>C-C100017</u></p> |
|  | <p>Einbaugehäuse - Gitter für Außengehäuse<br/>installationsposition: decke; typ installation: mauerwerk L=210mm, H=210mm, D=10mm.<br/>Material:Polypropylen, farbe:Weiß.</p>          | <p><b>Code</b><br/><u>C-C100020</u></p> |
|  | <p>Diffusor<br/>Diffusorart: transparent closing screen.<br/>Material:PC, farbe:Transparent.</p>                                                                                       | <p><b>Code</b><br/><u>C-U300037</u></p> |
|  | <p>Diffusor - Achtung: Um das Zubehör zu verwenden, muss die an der Lampe angebrachte Optik entfernt werden<br/>Diffusorart: diffused closing screen.<br/>Material:PC, farbe:Opal.</p> | <p><b>Code</b><br/><u>C-U300038</u></p> |
|  | <p>Optik<br/>Lichtverteilung: flood,Material Verkleidung: uv beständiges polycarbonat</p>                                                                                              | <p><b>Code</b><br/><u>C-K400134</u></p> |
|  | <p>Optik<br/>Lichtverteilung: medium flood,Material Verkleidung: uv beständiges polycarbonat</p>                                                                                       | <p><b>Code</b><br/><u>C-K400135</u></p> |

Modoc\_R | Downlights | Accessories  
C00581BBMWF

|                                                                                    |                                                                                                          |                              |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------|
|   | <p>Optik</p> <p>Lichtverteilung: medium wide flood,Material Verkleidung: uv beständiges polycarbonat</p> | <p>Code</p> <p>C-K400136</p> |
|   | <p>Optik</p> <p>Lichtverteilung: wide flood,Material Verkleidung: uv beständiges polycarbonat</p>        | <p>Code</p> <p>C-K400148</p> |
|  | <p>Werkzeug - Saugnapf zum Herausziehen der Optik</p> <p>Material:, farbe:Transparent.</p>               | <p>Code</p> <p>C-F600002</p> |