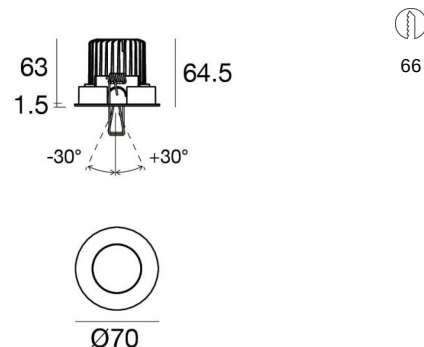


Downlights | arrayLED 6.5 W DC 700 mA | CRI 80  
**96804M60**



| Technische Daten                                    |              |
|-----------------------------------------------------|--------------|
| Installationsposition                               | Decke        |
| Installationsumgebung                               | Indoor       |
| Lichtquelle                                         | LED          |
| Circuit structure                                   | arrayLED     |
| Optik                                               | Wide Flood   |
| Light emission direction                            | downward     |
| Lampe Nennleistung                                  | 6.5 W DC     |
| Lichtstrom (Lichtquelle)                            | 770 lm       |
| Eingangsspannungsbereich                            | 700mA        |
| Ähnlichste Farbtemperatur / Tone                    | 2700 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                                         | Ja           |
| Gesamtwinkel (vertikale Ebene)                      | 60 °         |
| Begehbarkeit                                        | Nein         |
| Überrollbarkeit                                     | Nein         |
| Einschließlich Kabel                                | Ja           |
| Kabellänge                                          | 0.15 m       |
| Harzbeschichtung                                    | Nein         |
| Einbautiefe                                         | 63 mm        |
| Typ Lichtabstrahlung                                | Einflammig   |
| Nettogewicht                                        | 0.156 Kg     |
| Schutz vor elektrostatischen Entladungen            | Nein         |
| Schutz vor Stoßspannungen                           | Nein         |

#### 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



99147  
On/Off Driver 198~264V AC (2 - 4 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 - 5 art.)

#### Cables Electrification

|                 |                    |
|-----------------|--------------------|
| Cable connector | MALE JST SMR-02V-B |
|-----------------|--------------------|

Downlights | arrayLED 6.5 W DC 700 mA | CRI 80  
96804M60

Single emission recessed downlights for indoor application. The super warm white LED light source with a wide flood light distribution is composed of 1 arrayLEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 770 lm, with a 128.3 lm/W nominal luminous efficacy.

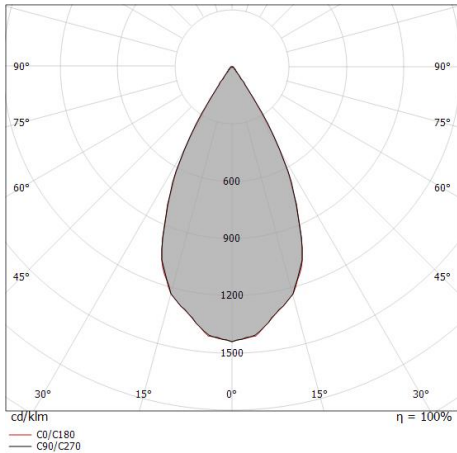
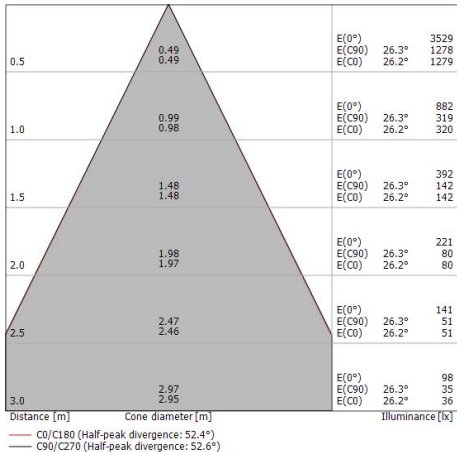
The device body is made of uv resistant polycarbonate and features a text black ral9005 finish, processed by means of liquid painting; the diffuser is made of uv resistant polycarbonate.

The ingress protection degree is IP44; the total weight is of 0.156 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 6.5 W The power supply cable is included and features a 0.15 m length.

The device features protection class III and can be ceiling-mounted, with a 66 mm diameter hole (in plasterboard).

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)              | 79 %           |
| Lichtstrom (Lichtquelle)              | 770 lm         |
| Leuchten Lichtstrom                   | 613 lm         |
| Consumption                           | 7 W            |
| Leuchten Lichtausbeute                | 87 lm/W        |
| Farbtemperatur                        | 2700 K         |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex                   | 80 Ra          |
| Gamut Area Index                      | 52 GAI         |
| Colour Rendering Index                | 19 R9          |
| IES TM-30 Rf                          | 85             |
| IES TM-30 Rg                          | 96             |
| Black Body Locus                      | On             |
| Standardumgebungstemperatur           | -20 / +50°C    |
| Typische Temperatur am Glas           | 40°C           |

LED Life / Failure Ratio

L70 B10 C0 296940h (at Tj 65 Ta 25 )

UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 19.8     |
| UGR transversal   | 19.7     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 52°         |
| Light distribution simmetry | Symmetrical |

