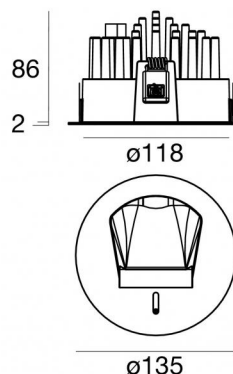




Downlights | 8 x powerLEDs 17 W DC 500 mA | CRI 90  
**82470W07**




121

| Technische Daten                                    |                        |
|---|------------------------|
| Installationsposition                               | Decke                  |
| Installationsumgebung                               | Indoor                 |
| Lichtquelle   | LED                    |
| Circuit structure                                   | powerLEDs              |
| Optik   | Adjustable Wall Washer |
| Light emission direction                            | downward               |
| Lampe Nennleistung                                  | 17 W DC                |
| Lichtstrom (Lichtquelle)                            | 2174 lm                |
| Eingangsspannungsbereich                            | 500mA                  |
| Ähnlichste Farbtemperatur / Tone                    | 3000 K                 |
| Farbwiedergabeindex                                 | 90 Ra                  |
| Gleichstrom/Gleichspannung                          | CC                     |
| Isolierklasse                                       | 3                      |
| IP  | IP20                   |
| 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                   |
| Typ Lichtabstrahlung                                | Einflammig             |
| Nettogewicht  | 0.36 Kg                |
| Schutz vor elektrostatischen Entladungen            | Nein                   |
| Schutz vor Stoßspannungen                           | Nein                   |


| Oberfläche Gehäuse |  |
|--------------------|--|
| Material           | Stranggepresstes Aluminium EN AB - 46100 |
| Farbe              | Schwarz                                  |
| Bearbeitungstyp    | Pulverbeschichtung                       |

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

#### Elektronik

 99115  
 1-10V - N/O button Multi Power 198~264V AC / 180~275V DC (1 art.)

 99106  
 On/Off Driver 198~264V AC (1 art.)

 C-E100001  
 Push and Simply Dim - DALI-2 Multi Power 198~264V AC / 180~275V DC (1 art.)

## Downlights | 8 x powerLEDs 17 W DC 500 mA | CRI 90 82470W07

Single emission recessed downlights for indoor application. The warm white LED light source with an adjustable wall washer light distribution is composed of 8 powerLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2174 lm, with a 127.9 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 powder coating. The ingress protection degree is IP20; the total weight is of 0.36 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 17 W.

The device features protection class III and can be ceiling-mounted, with a 121 mm diameter hole (in plasterboard).

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

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

### Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 12 %           |
| Lichtstrom (Lichtquelle)              | 2174 lm        |
| Leuchten Lichtstrom                   | 281 lm         |
| Consumption                           | 17 W           |
| Leuchten Lichtausbeute                | 16 lm/W        |
| Farbtemperatur                        | 3000 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex                   | 90 Ra          |

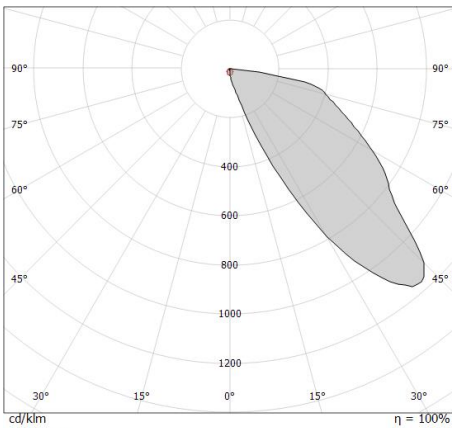
|                             |             |
|-----------------------------|-------------|
| Standardumgebungstemperatur | -20 / +50°C |
| Typische Temperatur am Glas | 45°C        |

### LED Life / Failure Ratio

L70 B10 C0 250000h (at Tj 65 Ta 25 )

### OPTICAL

|                             |              |
|-----------------------------|--------------|
| Optik C0/C180               | 113°         |
| Light distribution symmetry | Asymmetrical |



| Distance [m] | Cone diameter [m] | Illuminance [lx]    |
|--------------|-------------------|---------------------|
| 0.5          | 1.52              | E(0°) 30<br>E(C0) 2 |
| 1.0          | 3.04              | E(0°) 7<br>E(C0) 1  |
| 1.5          | 4.57              | E(0°) 3<br>E(C0) 0  |
| 2.0          | 6.09              | E(0°) 2<br>E(C0) 0  |
| 2.5          | 7.61              | E(0°) 1<br>E(C0) 0  |
| 3.0          | 9.13              | E(0°) 1<br>E(C0) 0  |

— C0/C180 (Half-peak divergence: 113.4°)

Downlights | 8 x powerLEDs 17 W DC 500 mA | CRI 90

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The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 0.36 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 17 W.

The device features protection class III and can be ceiling-mounted, with a 121 mm diameter hole (in plasterboard).

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

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

### Illuminotechnical Eigenschaften

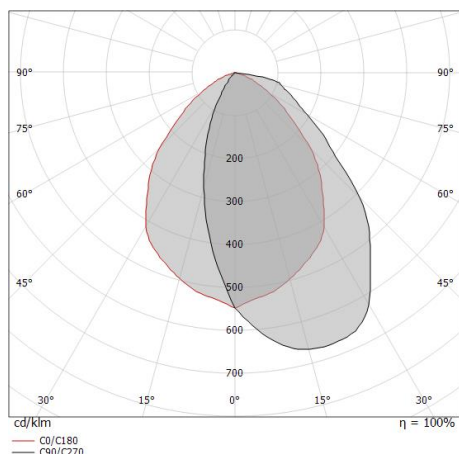
|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 45 %           |
| Lichtstrom (Lichtquelle)              | 2174 lm        |
| Leuchten Lichtstrom                   | 998 lm         |
| Consumption                           | 17 W           |
| Leuchten Lichtausbeute                | 58 lm/W        |
| Farbtemperatur                        | 3000 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex                   | 90 Ra          |
| Standardumgebungstemperatur           | -20 / +50°C    |
| Typische Temperatur am Glas           | 45°C           |

### LED Life / Failure Ratio

L70 B10 C0 250000h (at Tj 65 Ta 25 )

### OPTICAL

|                             |              |
|-----------------------------|--------------|
| Optik C0/C180               | 86°          |
| Light distribution simmetry | Asymmetrical |



| Distance [m] | Cone diameter [m] | Illuminance [lx]        |
|--------------|-------------------|-------------------------|
| 0.5          | 0.93              | E(0°) 2184<br>E(C0) 429 |
| 1.0          | 1.87              | E(0°) 546<br>E(C0) 107  |
| 1.5          | 2.80              | E(0°) 243<br>E(C0) 48   |
| 2.0          | 3.73              | E(0°) 136<br>E(C0) 27   |
| 2.5          | 4.66              | E(0°) 87<br>E(C0) 17    |
| 3.0          | 5.60              | E(0°) 61<br>E(C0) 12    |

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 86.0°)