



Deckenleuchten | 176-264 V  
1 arrayLED 7.3 W DC - 9 W AC | CRI 90  
**84582N20**



| Technische Daten                                    |                               |
|---|-------------------------------|
| Typ   | Oberfläche                    |
| Installationsposition                               | Decke                         |
| Installationsumgebung                               | Indoor                        |
| Lichtquelle   | LED                           |
| Circuit structure                                   | arrayLED                      |
| Optik   | Flood                         |
| Light emission direction                            | downward                      |
| Lampe Nennleistung                                  | 7.3 W DC                      |
| Gesamtleistung                                      | 9 W                           |
| Lichtstrom (Lichtquelle)                            | 1191 lm                       |
| Nominale Eingangsspannung                           | 220 - 240 V AC                |
| Eingangsspannungsbereich                            | 176 - 264 V AC                |
| Frequency   | 50 - 60 Hz                    |
| Ähnlichste Farbtemperatur / Tone                    | 4000 K                        |
| Farbwiedergabeindex                                 | 90 Ra                         |
| Gleichstrom/Gleichspannung                          | AC                            |
| Isolierklasse                                       | 2                             |
| IP  | IP40                          |
| IP optisches System                                 | IP65                          |
| IK  | IK05                          |
| Glühdrahtprüfung                                    | 850°                          |
| Direkte Montage auf normal entflammaren Oberflächen | Ja                            |
| CE  | Ja                            |
| Einschließlich Driver                               | Driver                        |
| Leuchte dimmbar                                     | Nein                          |
| Schwenkbarkeit                                      | Nein                          |
| Drehbarkeit   | Nein                          |
| Begehbarkeit  | Nein                          |
| Überrollbarkeit                                     | Nein                          |
| Einschließlich Kabel                                | Nein                          |
| Harzbeschichtung                                    | Nein                          |
| Typ Lichtabstrahlung                                | Einflammig                    |
| Nettogewicht  | 0.50 Kg                       |
| Schutz vor elektrostatischen Entladungen            | Ja                            |
| Schutz vor Stoßspannungen                           | 0.5 KV                        |
| Optiktechnologie                                    | Ottica arretrata<br>low glare |

| Oberfläche Gehäuse  |   |
|---------------------|---|
| Material            | Aluminium 6060 - Aluminium 6060         |
| Farbe               | Weiß                                    |
| Bearbeitungstyp     | Pulverbeschichtung - Pulverbeschichtung |
| Oberfläche Diffusor |   |
| Material            | Extra-helles Glas                       |
| Farbe               | transparent                             |

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Single emission ceiling downlights for indoor application. The natural white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 1191 lm, with a 163.2 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a white finish, processed by means of powder coating. The device body is made of aluminium 6060 and features a 5g 9005 black finish, processed by means of powder coating; the diffuser is made of extra clear glass. The ingress protection degree is IP40; the total weight is of 0.50 kg.

The total absorbed power is 9 W.

The device features protection class II and can be ceiling-mounted.

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

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

### Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 72 %           |
| Lichtstrom (Lichtquelle)              | 1191 lm        |
| Leuchten Lichtstrom                   | 869 lm         |
| Consumption                           | 9 W            |
| Leuchten Lichtausbeute                | 96 lm/W        |
| Farbtemperatur                        | 4000 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           | 35°C           |

### LED Life / Failure Ratio

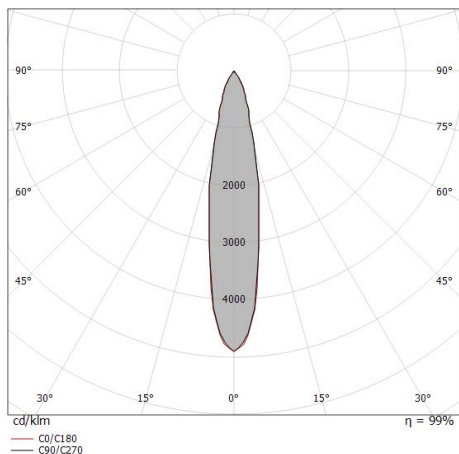
L70 B10 C0 252000h (at Tj 65 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 12.1     |
| UGR transversal   | 12.1     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 20°         |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | illuminance [lx]                                     |
|--------------|-------------------|--|
| 0.5          | 0.18<br>0.18      | E(0°) 17060<br>E(C90) 10.3° 8126<br>E(C0) 10.2° 8143 |
| 1.0          | 0.36<br>0.36      | E(0°) 4265<br>E(C90) 10.3° 2032<br>E(C0) 10.2° 2036  |
| 1.5          | 0.55<br>0.54      | E(0°) 1896<br>E(C90) 10.3° 903<br>E(C0) 10.2° 905    |
| 2.0          | 0.73<br>0.72      | E(0°) 1066<br>E(C90) 10.3° 508<br>E(C0) 10.2° 509    |
| 2.5          | 0.91<br>0.90      | E(0°) 682<br>E(C90) 10.3° 325<br>E(C0) 10.2° 326     |
| 3.0          | 1.09<br>1.08      | E(0°) 474<br>E(C90) 10.3° 226<br>E(C0) 10.2° 226     |

— C0/C180 (Half-peak divergence: 20.4°)  
 — C90/C270 (Half-peak divergence: 20.6°)

### COLOR VECTOR GRAPHIC

