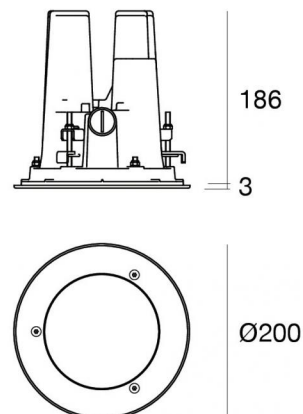


Downlights | 198-264 V AC /176-280 V DC  
1 arrayLED 19 W DC - 22 W AC | CRI 80  
**76842N50**



| Technische Daten                                    |                   |
|-----------------------------------------------------|-------------------|
| Installationsposition                               | Decke             |
| Installationsumgebung                               | Outdoor           |
| Lichtquelle                                         | LED               |
| Circuit structure                                   | arrayLED          |
| Optik                                               | Medium Wide Flood |
| Light emission direction                            | downward          |
| Lampe Nennleistung                                  | 19 W DC           |
| Gesamtleistung                                      | 22 W              |
| Lichtstrom (Lichtquelle)                            | 2966 lm           |
| Nominale Eingangsspannung                           | 220 - 240 V AC    |
| Eingangsspannungsbereich                            | 198 - 264 V AC    |
| Frequency                                           | 50 - 60 Hz        |
| Ähnlichste Farbtemperatur / Tone                    | 4000 K            |
| Farbwiedergabeindex                                 | 80 Ra             |
| Gleichstrom/Gleichspannung                          | AC                |
| Isolierklasse                                       | 1                 |
| IP                                                  | IP67              |
| IK                                                  | IK10              |
| Glühdrahtprüfung                                    | 850°              |
| Direkte Montage auf normal entflammaren Oberflächen | Nein              |
| CE                                                  | Ja                |
| Einschließlich Driver                               | Driver            |
| Leuchte dimmbar                                     | DALI-2 - PUSH DIM |
| Schwenkbarkeit                                      | Nein              |
| Drehbarkeit                                         | Nein              |
| Begehbarkeit                                        | Nein              |
| Überrollbarkeit                                     | Nein              |
| Einschließlich Kabel                                | Ja                |
| Kabellänge                                          | 1 m               |
| Harzbeschichtung                                    | Ja                |
| Einbautiefe                                         | 186 mm            |
| Typ Lichtabstrahlung                                | Einflammig        |
| Nettogewicht                                        | 3 Kg              |
| Schutz vor elektrostatischen Entladungen            | Ja                |
| Schutz vor Stoßspannungen                           | 2 KV              |
| Optiktechnologie                                    | Honey comb        |
| Technische Merkmale des Produkts                    | Acquastop         |

**Oberfläche Oberfläche Gehäuse**

|                 |                                             |
|-----------------|---------------------------------------------|
| Material        | Stranggepresstes Aluminium EN AB - 46100    |
| Farbe           | Matt black (R9005)                          |
| Bearbeitungstyp | Offenporige Anodisierung + Pulverlackierung |

**Oberfläche Oberfläche diffusor**

|          |                              |
|----------|------------------------------|
| Material | Extra-helles Glas - Gehärtet |
| Farbe    | Transparent                  |

**Oberfläche Oberfläche flansch**

|                 |                             |
|-----------------|-----------------------------|
| Material        | Stahl                       |
| Farbe           | Grau RAL 9006               |
| Bearbeitungstyp | Kataphorese + Pulvermalerei |

**Cables Electrification+signal**

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

Downlights | 198-264 V AC /176-280 V DC | 1 arrayLED 19 W DC - 22 W AC | CRI 80  
**76842N50**

Single emission recessed downlights for outdoor application. The natural white LED light source with a medium wide flood light distribution is composed of 1 arrayLEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 2966 lm, with a 156.1 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a matt black (r9005) finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered. Surface treatment of the product body through aluminum chemical conversion, followed by polyester powder coating, using exclusively coatings compliant with the Qualicoat standard. The product flange is made of steel, a material that ensures high robustness, superior mechanical strength and extended durability, guaranteeing maximum component reliability over time.

The ingress protection degree is IP67; the total weight is of 3 kg.

The total absorbed power is 22 W The power supply cable is included and features a 1 m length.

The device features protection class I and can be ceiling-mounted with an outer casing, code 83328(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)              | 47 %           |
| Lichtstrom (Lichtquelle)              | 2966 lm        |
| Leuchten Lichtstrom                   | 1408 lm        |
| Consumption                           | 22 W           |
| Leuchten Lichtausbeute                | 64 lm/W        |
| Farbtemperatur                        | 4000 K         |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex                   | 80 Ra          |
| Standardumgebungstemperatur           | -20 / +50°C    |
| Typische Temperatur am Glas           | 65°C           |

#### LED Life / Failure Ratio

L70 B10 C0 237566h (at Tj 65 Ta 25 )

L80 B10 C0 148737h

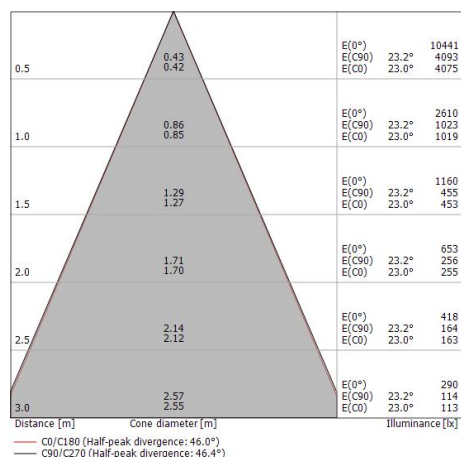
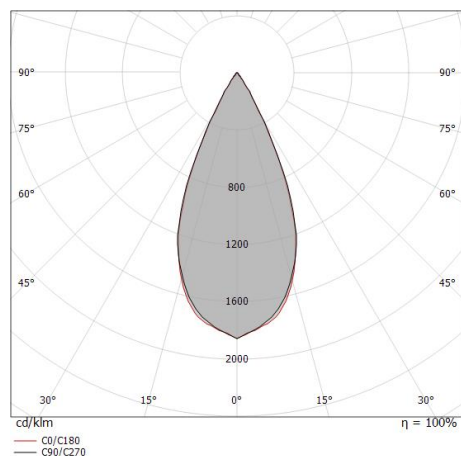
L90 B10 C0 70385h (at Tj 65 Ta 25 )

#### UGR

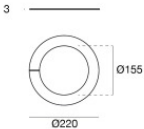
|                   |          |
|-------------------|----------|
| UGR axial         | 10.2     |
| UGR transversal   | 10.2     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

#### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 46°         |
| Light distribution simmetry | Symmetrical |



Guardian | Downlights | Accessories  
76842N50

|                                                                                     |                                                                                     |                                                                                                                                                               |                              |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
|    |    | <p>Einbaugehäuse</p> <p>installationsposition: boden; typ installation: mauerwerk L=300mm, H=210mm, D=300mm.</p> <p>Material:Kunststoff ABS, farbe:Black.</p> | <p>Code</p> <p>83328</p>     |
|    |    | <p>Zubehör für Außengehäuse - Gehäuseboden für Außengehäuse</p> <p>Material:Verzinktes Eisen, farbe:Grau, bearbeitungstyp :Verzinken.</p>                     | <p>Code</p> <p>83330</p>     |
|    |   | <p>Lochschablone - Schablone zum Zementieren (Für Version mit bündigem Flansch)</p>                                                                           | <p>Code</p> <p>83331</p>     |
|  |  | <p>Befestigung für abgehängte Decke - Ring zur Montage auf Gipskartonplatten</p> <p>Material:Pom-C, farbe:Schwarz.</p>                                        | <p>Code</p> <p>C-F600027</p> |