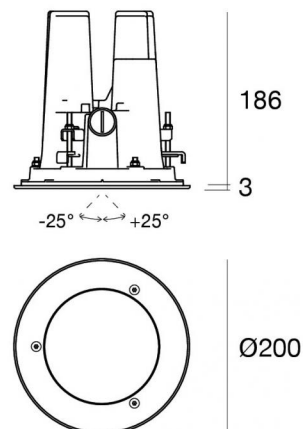


Downlights | 198-264 V  
1 arrayLED 16 W DC - 18 W AC | CRI 80  
**76823N30**



| Technische Daten                                    |                |
|-----------------------------------------------------|----------------|
| Installationsposition                               | Decke          |
| Installationsumgebung                               | Outdoor        |
| Lichtquelle                                         | LED            |
| Circuit structure                                   | arrayLED       |
| Optik                                               | Medium Flood   |
| Light emission direction                            | downward       |
| Lampe Nennleistung                                  | 16 W DC        |
| Gesamtleistung                                      | 18 W           |
| Lichtstrom (Lichtquelle)                            | 2704 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                                     | Nein           |
| Schwenkbarkeit                                      | Nein           |
| Drehbarkeit                                         | Ja             |
| Gesamtwinkel (vertikale Ebene)                      | 50 °           |
| 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           | Text black RAL9005          |
| Bearbeitungstyp | Kataphorese + Pulvermalerei |

#### Cables Electrification

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

Downlights | 198-264 V | 1 arrayLED 16 W DC - 18 W AC | CRI 80  
76823N30

Single emission recessed downlights for outdoor application. The natural white LED light source with a medium flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 2704 lm, with a 169.0 lm/W nominal luminous efficacy.

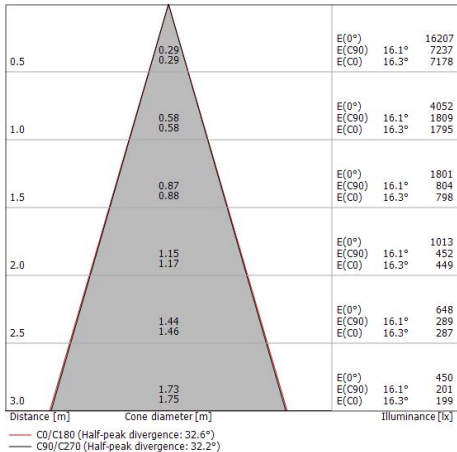
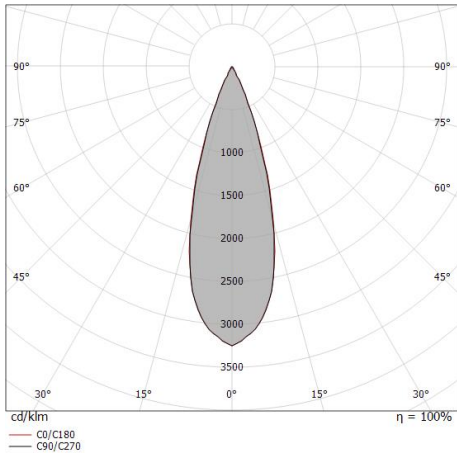
The device body is made of die-cast aluminium en ab - 46100 and features a matt black (r9005) finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered. Surface treatment of the product body through aluminum chemical conversion, followed 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 18 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)              | 46 %           |
| Lichtstrom (Lichtquelle)              | 2704 lm        |
| Leuchten Lichtstrom                   | 1246 lm        |
| Consumption                           | 18 W           |
| Leuchten Lichtausbeute                | 69 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 )

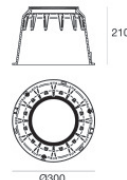
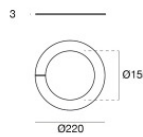
UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 4.4      |
| UGR transversal   | 4.1      |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 32°         |
| Light distribution simmetry | Symmetrical |

Guardian\_J | Downlights | Accessories  
76823N30

|                                                                                     |                                                                                     |                                                                                                                                                               |                              |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
|    |    | <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> |