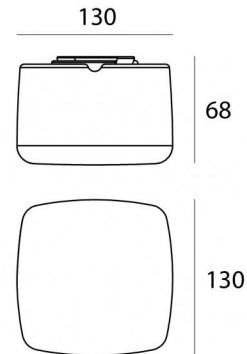


Wandleuchten - Deckenleuchten | 220-240 V  
topLED 3 W DC - 4 W AC | CRI 85  
**8029N**



| Technische Daten                                    |                                                |
|-----------------------------------------------------|------------------------------------------------|
| Jahr der Verwirklichung                             | 2017                                           |
| Typ                                                 | Oberfläche -<br>Deckenleuchten -<br>Oberfläche |
| Installationsposition                               | Wand - Decke                                   |
| Installationsumgebung                               | Indoor                                         |
| Lichtquelle                                         | LED                                            |
| Circuit structure                                   | topLED                                         |
| Optik                                               | Diffuses                                       |
| Light emission direction                            | frontal                                        |
| Lampe Nennleistung                                  | 3 W DC                                         |
| Gesamtleistung                                      | 4 W                                            |
| Lichtstrom (Lichtquelle)                            | 462 lm                                         |
| Nominale Eingangsspannung                           | 220 - 240 V AC                                 |
| Eingangsspannungsbereich                            | 220 - 240 V AC                                 |
| Frequency                                           | 60 - 50 Hz                                     |
| Ähnlichste Farbtemperatur / Tone                    | 4000 K                                         |
| Farbwiedergabeindex                                 | 85 Ra                                          |
| Gleichstrom/Gleichspannung                          | AC                                             |
| Isolierklasse                                       | 2                                              |
| IP                                                  | IP65                                           |
| IK                                                  | IK06                                           |
| Glühdrahtprüfung                                    | 650°                                           |
| 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                                | Zweiflammig                                    |
| Nettogewicht                                        | 0.82 Kg                                        |
| Schutz vor elektrostatischen Entladungen            | Ja                                             |
| Schutz vor Stoßspannungen                           | 1 KV                                           |

| Oberfläche Oberfläche diffusor |                      |
|--------------------------------|----------------------|
| Material                       | PE                   |
| Farbe                          | Natural polyethilene |
| Oberfläche Oberfläche fassung  |                      |
| Material                       | PC                   |
| Farbe                          | Weiß                 |

Wandleuchten - Deckenleuchten | 220-240 V | topLED 3 W DC - 4 W AC | CRI 85  
**8029N**

Double emission wall lights, ceiling downlights or ceiling downlights for indoor application. The warm white LED light source with a diffused light distribution is composed of 24 topLED LEDs with CCT of 4000 K and a CRI 85; the source luminous flux is 462 lm, with a 154.0 lm/W nominal luminous efficacy.

The diffuser is made of pe; the mounting frame is made of PC, with a white finish.

The ingress protection degree is IP65; the total weight is of 0.82 kg.

The total absorbed power is 4 W

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

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)              | 76 %           |
| Lichtstrom (Lichtquelle)              | 462 lm         |
| Leuchten Lichtstrom                   | 355 lm         |
| Consumption                           | 4 W            |
| Leuchten Lichtausbeute                | 88 lm/W        |
| Farbtemperatur                        | 4000 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex                   | 85 Ra          |
| Verbindungstemperatur (Leuchte)       | 80             |
| Standardumgebungstemperatur           | -20 / +50°C    |

#### LED Life / Failure Ratio

L70 B10 C0 102000h

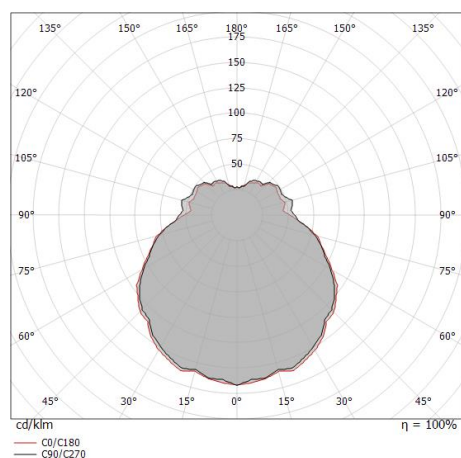
L90 B10 C0 55000h

#### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 23.2     |
| UGR transversal   | 23.2     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

#### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 145°        |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | Illuminance [lx]                 |
|--------------|-------------------|----------------------------------|
| 0.5          | 3.21<br>3.49      | E(0°) 237<br>E(C90) 3<br>E(C0) 2 |
| 1.0          | 6.42<br>6.97      | E(0°) 59<br>E(C90) 1<br>E(C0) 1  |
| 1.5          | 9.63<br>10.46     | E(0°) 26<br>E(C90) 0<br>E(C0) 0  |
| 2.0          | 12.84<br>13.95    | E(0°) 15<br>E(C90) 0<br>E(C0) 0  |
| 2.5          | 16.05<br>17.44    | E(0°) 9<br>E(C90) 0<br>E(C0) 0   |
| 3.0          | 19.26<br>20.92    | E(0°) 7<br>E(C90) 0<br>E(C0) 0   |

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

— C0/C180 (Half-peak divergence: 148.0°)  
— C90/C270 (Half-peak divergence: 145.4°)