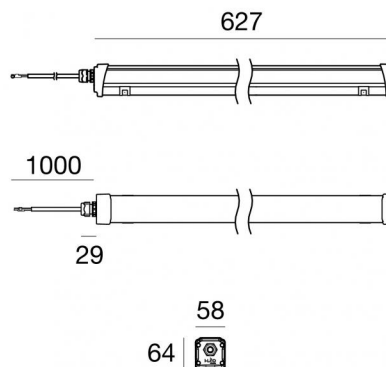
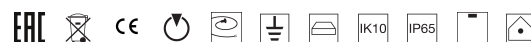


Deckenleuchten - Industriebeleuchtung | 198-264 V  
48 topLED 29 W DC - 32 W AC | CRI 80  
**84421N60**



| Technische Daten                                    |                                   |
|-----------------------------------------------------|-----------------------------------|
| Typ                                                 | Oberfläche - Industriebeleuchtung |
| Installationsposition                               | Decke                             |
| Installationsumgebung                               | Indoor                            |
| Lichtquelle                                         | LED                               |
| Circuit structure                                   | topLED                            |
| Optik                                               | Wide Flood                        |
| Light emission direction                            | downward                          |
| Lampe Nennleistung                                  | 29 W DC                           |
| Gesamtleistung                                      | 32 W                              |
| Lichtstrom (Lichtquelle)                            | 4504 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                                                  | IP65                              |
| IK                                                  | IK10                              |
| 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                                | Ja                                |
| Kabellänge                                          | 1 m                               |
| Harzbeschichtung                                    | Nein                              |
| Typ Lichtabstrahlung                                | Einflammig                        |
| Nettogewicht                                        | 1.5 Kg                            |
| Schutz vor elektrostatischen Entladungen            | Ja                                |
| Schutz vor Stoßspannungen                           | 2 KV                              |

#### Oberfläche Oberfläche Gehäuse

|                 |                         |
|-----------------|-------------------------|
| Material        | Aluminiumlegierung 6060 |
| Farbe           | Anodised aluminium      |
| Bearbeitungstyp | Anodisierung 20 µm      |

#### Oberfläche Oberfläche diffusor

|          |                             |
|----------|-----------------------------|
| Material | UV beständiges Polycarbonat |
| Farbe    | Transparent                 |

#### Cables Electrification

|                 |                                            |
|-----------------|--------------------------------------------|
| Cable connector | No connector - Neoprene 3x1mm <sup>2</sup> |
|-----------------|--------------------------------------------|

Deckenleuchten - Industriebeleuchtung | 198-264 V | 48 topLED 29 W DC - 32 W AC | CRI  
80  
**84421N60**

Single emission ceiling downlights for indoor application. The natural white LED light source with a wide flood light distribution is composed of 48 powered LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 4504 lm, with a 155.3 lm/W nominal luminous efficacy.

The device body is made of aluminium alloy 6060 and features a anodised aluminium finish, processed by means of 20 µm anodizing; the diffuser is made of uv resistant polycarbonate. Surface treatment of the product body with chemical conversion of aluminum, designed to ensure maximum long-term resistance.

The ingress protection degree is IP65; the total weight is of 1.5 kg.

The total absorbed power is 32 W The power supply cable is included and features a 1 m length.

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

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

#### Energieeffizienzklasse

Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse E.

#### Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 73 %           |
| Lichtstrom (Lichtquelle)              | 4504 lm        |
| Leuchten Lichtstrom                   | 3306 lm        |
| Consumption                           | 32 W           |
| Leuchten Lichtausbeute                | 103 lm/W       |
| Farbtemperatur                        | 4000 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex                   | 80 Ra          |
| Standardumgebungstemperatur           | -25 / +45°C    |

#### LED Life / Failure Ratio

L70 B10 C0 366369h

L80 B10 C0 230187h

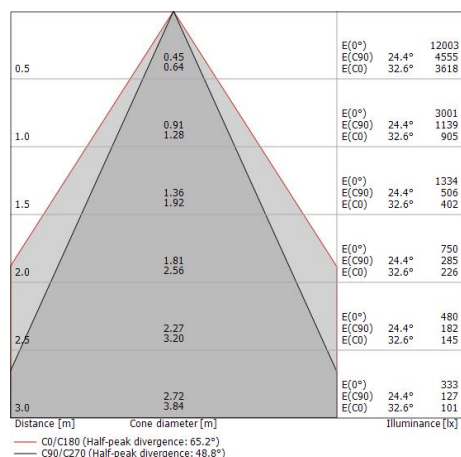
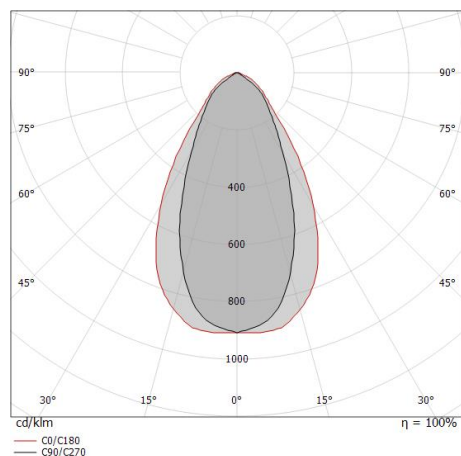
L90 B10 C0 110067h

#### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 20.3     |
| UGR transversal   | 23       |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

#### OPTICAL

|                             |                     |
|-----------------------------|---------------------|
| Optik C90/C270              | 49°                 |
| Optik C0/C180               | 65°                 |
| Light distribution simmetry | Symmetrical 2 assis |



Alux | Industrial Lighting | Accessories  
84421N60



Kabel  
Typ Kabel power cable; Länge 1000 mm; isolierung einzeln; querschnitt 1 mm²; kabelklemme: pg7;  
farben: blau - braun - gelb-grün.

Code  
84863



Stecker  
Typ Kabel power cable; ; isolierung einzeln; querschnitt 1 mm²; kabelklemme: ja; farben: blau -  
braun - gelb-grün.

Code  
99737