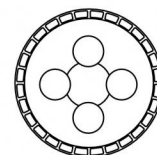
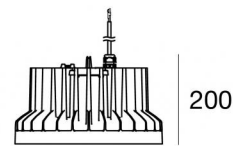


Pendelleuchte - Industriebeleuchtung

198-264 V AC /180-275 V DC | 4 arrayLED 165 W DC - 180 W AC | CRI 80

77096N12



Ø330

| Technische Daten                                    |                                   |
|-----------------------------------------------------|-----------------------------------|
| Typ                                                 | Oberfläche - Industriebeleuchtung |
| Installationsposition                               | Decke                             |
| Installationsumgebung                               | Indoor                            |
| Lichtquelle                                         | LED                               |
| Circuit structure                                   | arrayLED                          |
| Optik                                               | Extra Wide Flood                  |
| Light emission direction                            | downward                          |
| Lampe Nennleistung                                  | 165 W DC                          |
| Gesamtleistung                                      | 180 W                             |
| Lichtstrom (Lichtquelle)                            | 27908 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                              |
| Begehrbarkeit                                       | Nein                              |
| Überrollbarkeit                                     | Nein                              |
| Einschließlich Kabel                                | Ja                                |
| Kabellänge                                          | 1 m                               |
| Harzbeschichtung                                    | Nein                              |
| Typ Lichtabstrahlung                                | Einflammig                        |
| Nettogewicht                                        | 9 Kg                              |
| Schutz vor elektrostatischen Entladungen            | 30 KV                             |
| Schutz vor Stoßspannungen                           | 5 KV                              |

**Oberfläche Oberfläche Gehäuse**

|                 |                            |
|-----------------|----------------------------|
| Material        | Stranggepresstes Aluminium |
| Farbe           | Aluminium                  |
| Bearbeitungstyp | Sandstrahlen               |

**Oberfläche Oberfläche diffusor**

|          |             |
|----------|-------------|
| Material | Glas        |
| Farbe    | Transparent |

Pendelleuchte - Industriebeleuchtung | 198-264 V AC /180-275 V DC | 4 arrayLED 165 W  
DC - 180 W AC | CRI 80  
77096N12

Single emission pendant luminaires for indoor application. The natural white LED light source with a extra wide flood light distribution is composed of 4 arrayled LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 27908 lm, with a 169.1 lm/W nominal luminous efficacy.

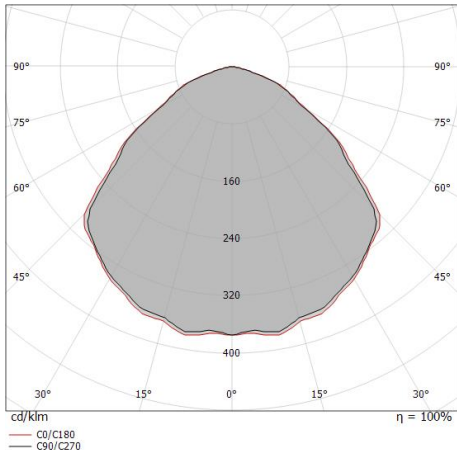
The device body is made of die-cast aluminium and features a aluminium finish, processed by means of sandblasting; the diffuser is made of glass.

The ingress protection degree is IP65; the total weight is of 9 kg.

The total absorbed power is 180 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.



| Distance [m] | Cone diameter [m] | Illuminance [lx]                         |
|--------------|-------------------|------------------------------------------|
| 0.5          | 1.35<br>1.38      | E(0°) 30758<br>E(C90) 3251<br>E(C0) 3174 |
| 1.0          | 2.70<br>2.75      | E(0°) 7689<br>E(C90) 813<br>E(C0) 794    |
| 1.5          | 4.05<br>4.13      | E(0°) 3418<br>E(C90) 361<br>E(C0) 353    |
| 2.0          | 5.41<br>5.51      | E(0°) 1922<br>E(C90) 203<br>E(C0) 198    |
| 2.5          | 6.76<br>6.88      | E(0°) 1230<br>E(C90) 130<br>E(C0) 127    |
| 3.0          | 8.11<br>8.26      | E(0°) 854<br>E(C90) 90<br>E(C0) 88       |

Energieeffizienzklasse

Dieses Produkt enthält 4 Lichtquellen der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 73 %           |
| Lichtstrom (Lichtquelle)              | 27908 lm       |
| Leuchten Lichtstrom                   | 20494 lm       |
| Consumption                           | 180 W          |
| Leuchten Lichtausbeute                | 113 lm/W       |
| Farbtemperatur                        | 4000 K         |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex                   | 80 Ra          |
| Standardumgebungstemperatur           | -20 / +50°C    |
| Typische Temperatur am Glas           | 45°C           |

LED Life / Failure Ratio

L70 B10 C0 237564h (at Tj 65 Ta 25 )

L80 B10 C0 148736h (at Tj 65 Ta 25 )

L90 B10 C0 75000h (at Tj 65 Ta 25 )

UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 30.8     |
| UGR transversal   | 30.8     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 107°        |
| Light distribution simmetry | Symmetrical |