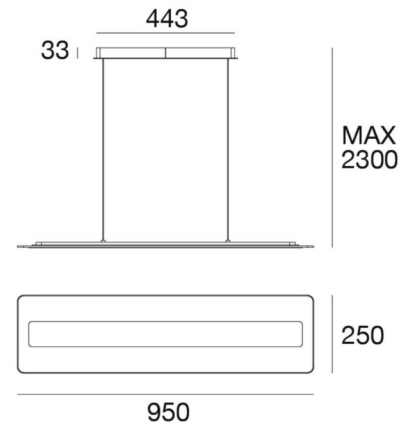




Pendelleuchte | 220-240 V
136 stripLED 45 W DC - 45 W AC | CRI 80
8937



| Technische Daten | |
|---|---------------------|
| Jahr der Verwirklichung | 2019 |
| Typ | Pendelleuchte |
| Installationsposition | Decke |
| Installationsumgebung | Indoor |
| Lichtquelle | LED |
| Optik | General Lighting |
| Light emission direction | downward and upward |
| Lampenleistung | 45 W |
| Lichtstrom (Lichtquelle) | 5957 lm |
| Frequency | 60 - 50 Hz |
| Ähnlichste Farbtemperatur / Tone | 3000 K |
| Farbwiedergabeindex | 80 Ra |
| Gleichstrom/Gleichspannung | AC |
| Isolierklasse | 1 |
| IP | IP20 |
| 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 | Ja |
| Kabellänge | 2.3 m |
| Harzbeschichtung | Nein |
| Typ Lichtabstrahlung | Zweiflammig |
| Nettogewicht | 5,5 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |

Oberfläche Gehäuse

| | |
|-----------------|---------------------|
| Material | Eisen |
| Farbe | Chrom |
| Bearbeitungstyp | Tampongalvanisieren |

Oberfläche Diffusor

| | |
|-----------------|--------------|
| Material | Glas |
| Farbe | transparent |
| Bearbeitungstyp | Sandstrahlen |

Oberfläche Fassung

| | |
|-----------------|-------------------------|
| Material | Eisen |
| Farbe | Weiß geprägtem RAL 9003 |
| Bearbeitungstyp | Pulverbeschichtung |

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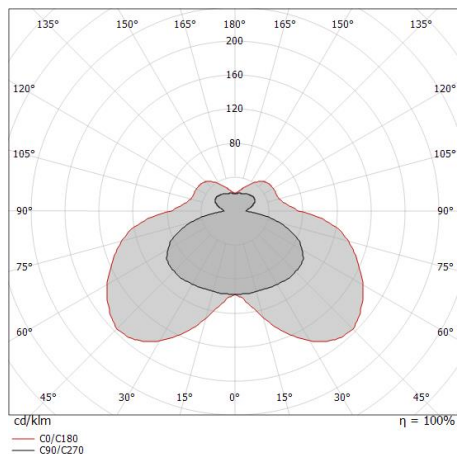
Double emission pendant luminaires for indoor application. The warm white LED light source with a general lighting light distribution is composed of 136 stripLEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 5957 lm, with a 132.4 lm/W nominal luminous efficacy.

The device body is made of iron and features a chrome finish, processed by means of electroplating; the diffuser is made of glass with a sandblasting treatment; the mounting frame is made of iron, with an embossed white ral 9003 finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 5,5 kg.

The total absorbed power is 45 W. The power supply cable is included and features a 2.3 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] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|------------------|-------|--------|-------|
| 0.5 | 4.26 13.95 | 1675 | 76.8° | 10 | 1 |
| 1.0 | 8.53 27.90 | 419 | 76.8° | 3 | 0 |
| 1.5 | 12.79 41.85 | 186 | 76.8° | 1 | 0 |
| 2.0 | 17.05 55.80 | 105 | 76.8° | 1 | 0 |
| 2.5 | 21.32 69.75 | 67 | 76.8° | 0 | 0 |
| 3.0 | 25.58 83.70 | 47 | 76.8° | 0 | 0 |

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 171.8°)
- - C90/C270 (Half-peak divergence: 153.6°)

Illuminotechnical Eigenschaften

| | |
|---------------------------------------|----------------|
| Light Output Ratio (LOR) | 71 % |
| Lichtstrom (Lichtquelle) | 5957 lm |
| Leuchten Lichtstrom | 4278 lm |
| Consumption | 45 W |
| Leuchten Lichtausbeute | 95 lm/W |
| Farbtemperatur | 3000 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex | 80 Ra |
| Verbindungstemperatur (Leuchte) | 80 |
| Standardumgebungstemperatur | 25 |

LED Life / Failure Ratio

L70 B20 C0 72.5h

UGR

| | |
|-------------------|----------|
| UGR axial | < 22 |
| UGR transversal | < 28 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|---------------|
| Light distribution simmetry | Symmetrical 2 |
| Optik C0/C180 | 172° |
| Optik C90/C270 | 154° |