



Scheinwerfer | 1 arrayLED 16 W DC 450 mA | CRI 98
82902M30

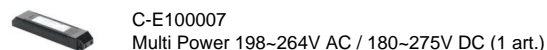
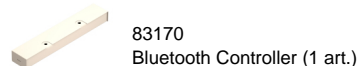
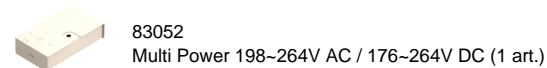
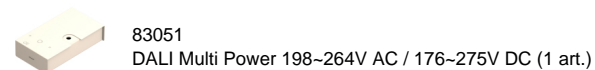
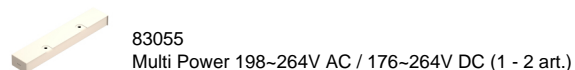
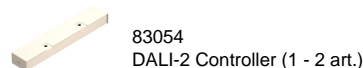
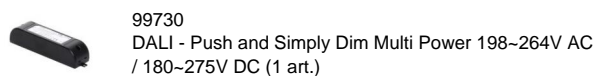
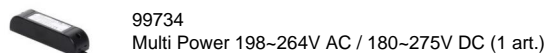


| Technische Daten | |
|---|----------------------|
| Typ | Oberfläche |
| Installationsposition | Wand - Decke - Boden |
| Installationsumgebung | Indoor |
| Lichtquelle | LED |
| Circuit structure | arrayLED |
| Optik | Medium Flood |
| Light emission direction | frontal |
| Lampe Nennleistung | 16 W DC |
| Lichtstrom (Lichtquelle) | 2212 lm |
| Eingangsspannungsbereich | 450mA |
| Ähnlichste Farbtemperatur / Tone | 2700 K |
| Farbwiedergabeindex | 98 Ra |
| Gleichstrom/Gleichspannung | CC |
| Isolierklasse | 3 |
| IP | IP20 |
| Glühdrahtprüfung | 850° |
| Direkte Montage auf normal entflammaren Oberflächen | Ja |
| CE | Ja |
| Einschließlich Driver | Nein |
| Leuchte dimmbar | DALI - 1-10V |
| Schwenkbarkeit | Orientabile |
| Gesamtwinkel (vertikale Ebene) | 180 ° |
| Gesamtwinkel (horizontale Ebene) | 360 ° |
| Drehbarkeit | Nein |
| Begehbarkeit | Nein |
| Überrollbarkeit | Nein |
| Einschließlich Kabel | Ja |
| Kabellänge | 0,2 m |
| Harzbeschichtung | Nein |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 0.380 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |

Oberfläche Gehäuse

| | |
|-----------------|--------------------|
| Material | Aluminium |
| Farbe | Sand |
| Bearbeitungstyp | Pulverbeschichtung |

Elektronik



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82902M30

Single emission projectors for indoor application. The super warm white LED light source with a medium flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 98; the source luminous flux is 2212 lm, with a 138.3 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a sand finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 0.380 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 16 W. The power supply cable is included and features a 0,2 m length.

The device features protection class III and can be wall lights, ceiling or floor-mounted.

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

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

| | |
|---------------------------------------|----------------|
| Light Output Ratio (LOR) | 72 % |
| Lichtstrom (Lichtquelle) | 2212 lm |
| Leuchten Lichtstrom | 1601 lm |
| Consumption | 16 W |
| Leuchten Lichtausbeute | 100 lm/W |
| Farbtemperatur | 2700 K |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex | 98 Ra |
| Black Body Locus | On |
| Standardumgebungstemperatur | -20 / +50°C |
| Typische Temperatur am Glas | 40°C |

LED Life / Failure Ratio

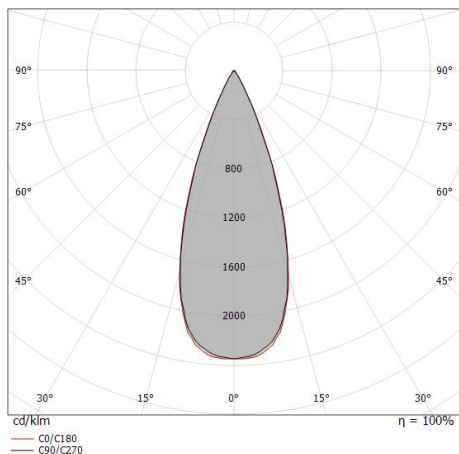
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 18.1 |
| UGR transversal | 18.1 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

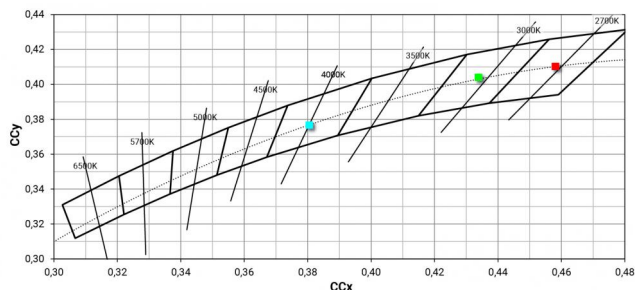
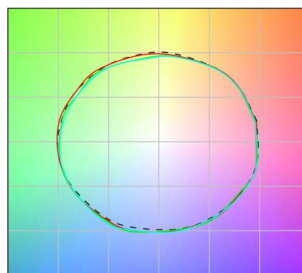
| | |
|-----------------------------|-------------|
| Optik C0/C180 | 38° |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|--|
| 0.5 | 0.35 0.35 | E(0°) 15054 E(C90) 19.1° 6415 E(C0) 19.2° 6390 |
| 1.0 | 0.69 0.70 | E(0°) 3763 E(C90) 19.1° 1604 E(C0) 19.2° 1597 |
| 1.5 | 1.04 1.04 | E(0°) 1673 E(C90) 19.1° 713 E(C0) 19.2° 710 |
| 2.0 | 1.39 1.38 | E(0°) 941 E(C90) 19.1° 401 E(C0) 19.2° 399 |
| 2.5 | 1.73 1.74 | E(0°) 602 E(C90) 19.1° 257 E(C0) 19.2° 256 |
| 3.0 | 2.08 2.09 | E(0°) 418 E(C90) 19.1° 178 E(C0) 19.2° 177 |

— C0/C180 (Half-peak divergence: 38.4°)
 — C90/C270 (Half-peak divergence: 38.2°)

COLOR VECTOR GRAPHIC





| | | |
|--|---|-------------------------------------|
| | <p>Diffusor Diffusorart: filtro ellittico. Material:Pom-C, farbe:Schwarz.</p> | <p>Code <u>99781</u></p> |
| | <p>Blendschutz Blendschutzart: wabenraster. Material:Pom-C, farbe:Schwarz.</p> | <p>Code <u>99780</u></p> |
| | <p>Blendschutz Blendschutzart: frangiluce a croce. Material:Pom-C, farbe:Schwarz.</p> | <p>Code <u>99779</u></p> |
| | <p>Blendschutz Blendschutzart: schermo cilindrico. Material:Pom-C, farbe:Schwarz.</p> | <p>Code <u>99783</u></p> |
| | <p>Blendschutz Blendschutzart: schermo cilindrico 45°. Material:Pom-C, farbe:Schwarz.</p> | <p>Code <u>99782</u></p> |
| | <p>Blendschutz - Zubehör für Fokal-Kit mit Code 83347. Blendschutzart: wabenraster. Material:Pom-C, farbe:Schwarz.</p> | <p>Code <u>99841</u></p> |
| | <p>Optik Lichtverteilung: spot,Material Verkleidung: polycarbonat uv-beständige</p> | <p>Code <u>99827</u></p> |
| | <p>Optik Lichtverteilung: medium flood,Material Verkleidung: ,polycarbonat uv- beständige,polycarbonat uv-beständige,polycarbonat uv-beständige</p> | <p>Code <u>99828</u></p> |



Optik

Lichtverteilung: flood,Material Verkleidung: ,polycarbonat uv-beständige,polycarbonat uv-beständige,polycarbonat uv-beständige

Code

99829

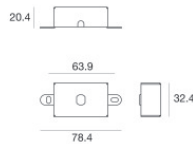


Optik - Fokus-Kit (min 16° max 50°)

Lichtverteilung: einstellbar,Material Verkleidung: ,aluminium

Code

99844



Befestigungsplatte - Basis ohne Netzteil

Material:Eisen, farbe:Sand, bearbeitungstyp :Lackierung.

Code

83242