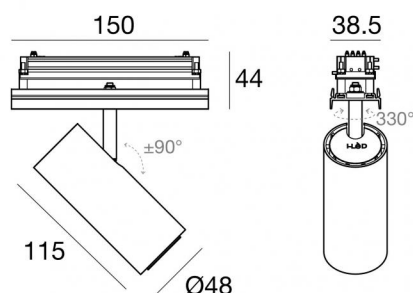


Systeme - Lineare Elemente  
1 arrayLED 13 W DC 24 V | CRI 90  
**83730N30**



| Technische Daten                                    |                          |
|-----------------------------------------------------|--------------------------|
| Typ                                                 | Lineare Elemente         |
| Installationsumgebung                               | Indoor                   |
| Lichtquelle                                         | LED                      |
| Circuit structure                                   | arrayLED                 |
| Optik                                               | Flood                    |
| Light emission direction                            | frontal                  |
| Lampe Nennleistung                                  | 13 W DC                  |
| Lichtstrom (Lichtquelle)                            | 1630 lm                  |
| Eingangsspannungsbereich                            | 600mA                    |
| Ähnlichste Farbtemperatur / Tone                    | 4000 K                   |
| Farbwiedergabeindex                                 | 90 Ra                    |
| Gleichstrom/Gleichspannung                          | CV                       |
| Isolierklasse                                       | 3                        |
| IP                                                  | IP20                     |
| Glühdrahtprüfung                                    | 850°                     |
| Direkte Montage auf normal entflammaren Oberflächen | Nein                     |
| CE                                                  | Ja                       |
| Einschließlich Driver                               | Nein                     |
| C.V. - C.C. Converter                               | 24 V Konverter enthalten |
| Leuchte dimmbar                                     | DALI                     |
| Schwenkbarkeit                                      | Orientabile              |
| Gesamtwinkel (vertikale Ebene)                      | 330 °                    |
| Gesamtwinkel (horizontale Ebene)                    | 90 °                     |
| Drehbarkeit                                         | Nein                     |
| Begehbarkeit                                        | Nein                     |
| Überrollbarkeit                                     | Nein                     |
| Einschließlich Kabel                                | Nein                     |
| Harzbeschichtung                                    | Nein                     |
| Typ Lichtabstrahlung                                | Einflammig               |
| Nettogewicht                                        | 0.326 Kg                 |
| Schutz vor elektrostatischen Entladungen            | Nein                     |
| Schutz vor Stoßspannungen                           | Nein                     |

#### Oberfläche Oberfläche Gehäuse

|                 |                                                |
|-----------------|------------------------------------------------|
| Material        | Stranggepresstes Aluminium EN AB - 46100       |
| Farbe           | Text white RAL9003                             |
| Bearbeitungstyp | Pulverbeschichtung mit duroplastischen Pulvern |

#### Oberfläche Oberfläche diffusor

|          |             |
|----------|-------------|
| Material | PMMA        |
| Farbe    | Transparent |

#### Oberfläche Oberfläche fassung

|                 |                                                |
|-----------------|------------------------------------------------|
| Material        | Stranggepresstes Aluminium EN AB - 46100       |
| Farbe           | Text white RAL9003                             |
| Bearbeitungstyp | Pulverbeschichtung mit duroplastischen Pulvern |

Systeme - Lineare Elemente | 1 arrayLED 13 W DC 24 V | CRI 90  
83730N30

Single emission systems or lines for indoor application. The natural white LED light source with a flood light distribution is composed of 1 arrayled LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 1630 lm, with a 125.4 lm/W nominal luminous efficacy.

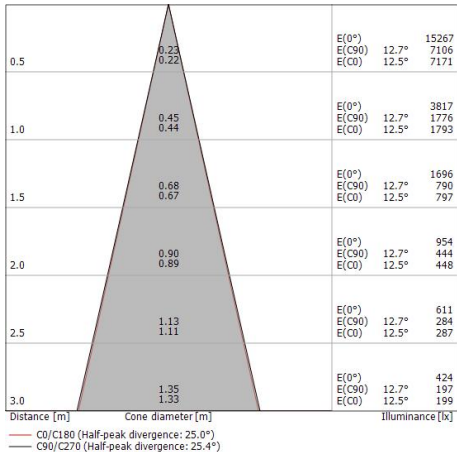
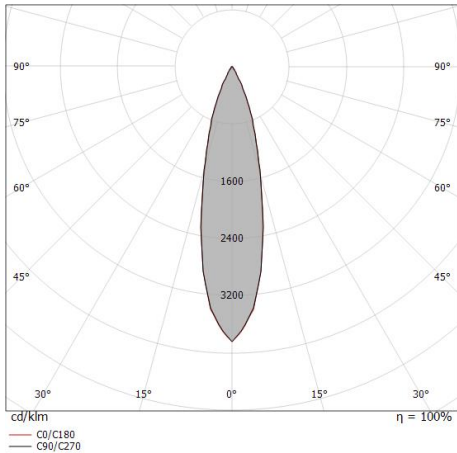
The device body is made of die-cast aluminium en ab - 46100 and features a text white ral9003 finish, processed by means of powder coating with thermosetting powders; the diffuser is made of pmma; the mounting frame is made of die-cast aluminium en ab - 46100, with a text white ral9003 finish, processed by means of powder coating with thermosetting powders.

The ingress protection degree is IP20; the total weight is of 0.326 kg.

The total absorbed power is 13 W

The device features protection class III.

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



Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 60 %           |
| Lichtstrom (Lichtquelle)              | 1630 lm        |
| Leuchten Lichtstrom                   | 994 lm         |
| Consumption                           | 12 W           |
| Leuchten Lichtausbeute                | 82 lm/W        |
| Farbtemperatur                        | 4000 K         |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex                   | 90 Ra          |
| Standardumgebungstemperatur           | -20 / +50°C    |
| Typische Temperatur am Glas           | 40°C           |

LED Life / Failure Ratio

L70 B10 C0 231262h (at Tj 65 Ta 25 )

L80 B10 C0 144799h (at Tj 65 Ta 25 )

L90 B10 C0 68534h (at Tj 65 Ta 25 )

UGR

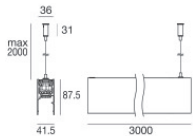
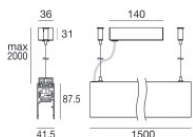
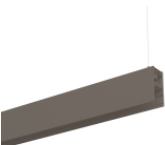
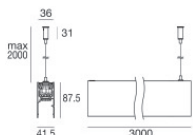
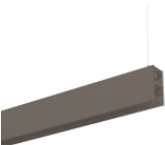
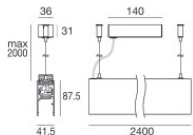
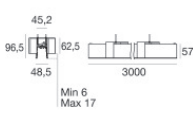
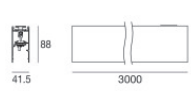
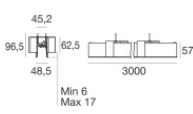
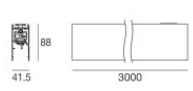
|                   |          |
|-------------------|----------|
| UGR axial         | 16.7     |
| UGR transversal   | 16.3     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 25°         |
| Light distribution simmetry | Symmetrical |

Systeme - Lineare Elemente | 1 arrayLED 13 W DC 24 V | CRI 90  
83730N30

Components

|                                                                                    |                                                                                     |                               |                                                                                                                                       |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
|    |    | Modus_MP Slave                | <b>Code</b><br>83786 - 83716 - 83718 - 83788 - 83787 -<br>83789 - 83717 - 83719                                                       |
|    |    | Modus_MP Master               | <b>Code</b><br>83783 - 83782 - 83785 - 83714 - 83712 -<br>83715 - 83784 - 83713                                                       |
|   |   | Modus_MP Slave Dynamic-White  | <b>Code</b><br>83797 - 83796 - 83798 - 83795 - 83847 -<br>83848 - 83846 - 83849                                                       |
|  |  | Modus_MP Master Dynamic-White | <b>Code</b><br>83794 - 83792 - 83791 - 83843 - 83845 -<br>83793 - 83842 - 83844                                                       |
|  |  | Modus_MC Master               | <b>Code</b><br>C00166WHEZZ - C00167WHEZZ -<br>C00168WHEZZ - C00169WHEZZ                                                               |
|  |  | Modus_MS Slave                | <b>Code</b><br>C00069BUEZZ - C00069WHEZZ -<br>C00070BUEZZ - C00070WHEZZ -<br>C00071BUEZZ - C00071WHEZZ -<br>C00072BUEZZ - C00072WHEZZ |
|  |  | Modus_MC                      | <b>Code</b><br>C00170WHEZZ - C00171WHEZZ -<br>C00172WHEZZ - C00173WHEZZ                                                               |
|  |  | Modus_MS Master               | <b>Code</b><br>C00065BUEZZ - C00065WHEZZ -<br>C00066BUEZZ - C00066WHEZZ -<br>C00067BUEZZ - C00067WHEZZ -<br>C00068BUEZZ - C00068WHEZZ |

Systeme - Lineare Elemente | 1 arrayLED 13 W DC 24 V | CRI 90  
**83730N30**

## Components

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Modus Projectors | Lines | Accessories  
**83730N30**



Optik  
Lichtverteilung: spot, Material Verkleidung: uv beständiges polycarbonat

**Code**  
99805



Optik  
Lichtverteilung: medium flood, Material Verkleidung: uv beständiges polycarbonat

**Code**  
99806



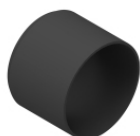
Optik  
Lichtverteilung: flood, Material Verkleidung: uv beständiges polycarbonat

**Code**  
99807



Blendschutz  
Blendschutzart: schermo cilindrico 45°.  
Material:Pom-C, farbe:Schwarz.

**Code**  
99773



Blendschutz  
Blendschutzart: schermo cilindrico.  
Material:Pom-C, farbe:Schwarz.

**Code**  
99774



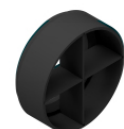
Diffusor  
Diffusorart: filtro ellittico.  
Material:Pom-C, farbe:Schwarz.

**Code**  
99775



Blendschutz  
Blendschutzart: wabenraster.  
Material:Pom-C, farbe:Schwarz.

**Code**  
99776



Blendschutz  
Blendschutzart: frangiluce a croce.  
Material:Pom-C, farbe:Schwarz.

**Code**  
99777