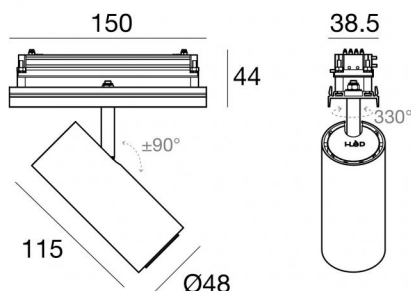




Systeme - Lineare Elemente | 1 arrayLED 13 W DC 24 V | CRI 90  
83754N30



Technische Daten	
Typ	Systeme - Lineare Elemente
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Flood
Light emission direction	frontal
Lampe Nennleistung	13 W DC
Lichtstrom (Lichtquelle)	1660 lm
Eingangsspannungsbereich	24 V
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 Gehäuse

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Schwarz
Bearbeitungstyp	Pulverbeschichtung

#### Oberfläche Diffusor

Material	PMMA
Farbe	transparent

#### Oberfläche Fassung

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Schwarz
Bearbeitungstyp	Pulverbeschichtung

Systeme - Lineare Elemente | 1 arrayLED 13 W DC 24 V | CRI 90  
**83754N30**

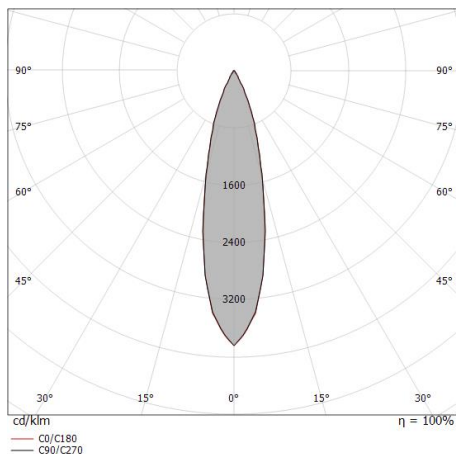
Single emission systems or lines for indoor application. The natural white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 1660 lm, with a 127.7 lm/W nominal luminous efficacy.

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



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.23 0.22	15267	12.7° 7106	12.5° 7171
1.0	0.45 0.44	3817	12.7° 1776	12.5° 1793
1.5	0.68 0.67	1696	12.7° 790	12.5° 797
2.0	0.90 0.89	954	12.7° 444	12.5° 448
2.5	1.13 1.11	611	12.7° 284	12.5° 287
3.0	1.35 1.33	424	12.7° 197	12.5° 199

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 25.0°)  
 — C90/C270 (Half-peak divergence: 25.4°)

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

### Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	59 %
Lichtstrom (Lichtquelle)	1660 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 252000h (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


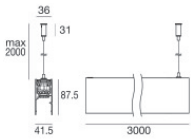

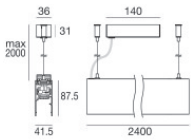

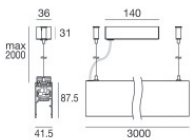

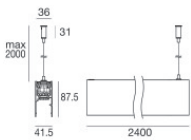

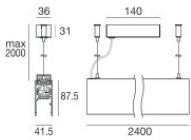

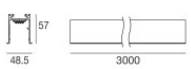



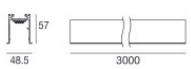
### OPTICAL

Optik C0/C180	25°
Light distribution simmetry	Symmetrical



Systeme - Lineare Elemente | 1 arrayLED 13 W DC 24 V | CRI 90  
**83754N30**

## Components

		Modus_MP Slave	<p><b>Code</b>            83786 - 83742 - 83788 - 83787 - 83789 -            83741 - 83740 - 83743</p>
		Modus_MP Master	<p><b>Code</b>            83783 - 83782 - 83737 - 83785 - 83736 -            83738 - 83784</p>
		Modus_M Master	<p><b>Code</b>            83739</p>
		Modus_MP Slave Dynamic-White	<p><b>Code</b>            83820 - 83819 - 83821 - 83822 - 83847 -            83846 - 83849 - 83848</p>
		Modus_MP Master Dynamic-White	<p><b>Code</b>            83818 - 83817 - 83816 - 83815 - 83843 -            83842 - 83845 - 83844</p>
		Modus_MC Master	<p><b>Code</b>            C00166BBEZZ - C00167BBEZZ -            C00168BBEZZ - C00169BBEZZ</p>
		Modus_MS Slave	<p><b>Code</b>            C00069BBEZZ - C00069BUEZZ -            C00070BBEZZ - C00070BUEZZ -            C00071BBEZZ - C00071BUEZZ -            C00072BBEZZ - C00072BUEZZ</p>
		Modus_MC	<p><b>Code</b>            C00170BBEZZ - C00171BBEZZ -            C00172BBEZZ - C00173BBEZZ</p>



Systeme - Lineare Elemente | 1 arrayLED 13 W DC 24 V | CRI 90  
**83754N30**

## Components



Modus\_MS Master

### Code

C00065BBEZZ - C00065BUEZZ -  
C00066BBEZZ - C00066BUEZZ -  
C00067BBEZZ - C00067BUEZZ -  
C00068BBEZZ - C00068BUEZZ



Optik  
Lichtverteilung: spot,Material Verkleidung: polycarbonat uv-beständige

**Code**  
99805



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

**Code**  
99806



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

**Code**  
99807



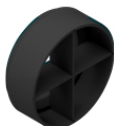
Diffusor  
Diffusorart: filtro ellittico.  
Material:Pom-C, farbe:Schwarz.

**Code**  
99775



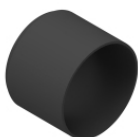
Blendschutz  
Blendschutzart: wabenraster.  
Material:Pom-C, farbe:Schwarz.

**Code**  
99776



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

**Code**  
99777



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

**Code**  
99774



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

**Code**  
99773