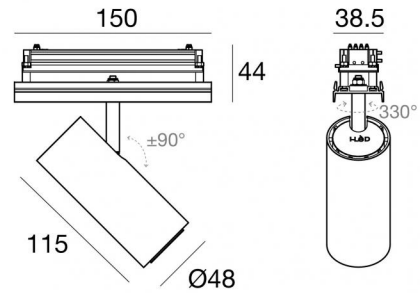


# Modus Projectors



Systems - Lines | 1 arrayLED 13 W DC 24 V | CRI 90  
83754W30



Technical data	
Type	Continuous Line -
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Flood
Light emission direction	frontal
Nominal power	13 W DC
Source lumens	1597 lm
Input voltage range	24 V
CCT / Tone	3500 K
Colour rendering index	90 Ra
C.C. / C.V.	CV
Safety class	3
IP	IP20
Glow wire test	850°
Direct mounting on normally flammable surfaces	No
CE	Yes
Driver included	No
C.V. - C.C. Converter	Converter 24V included
Dimmable article	DALI
Directional	Swivelling
total angle (vertical plane)	330 °
total angle (horizontal plane)	90 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	0.326 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	Die-cast Aluminium EN AB - 46100
Colour	Black
Processing	Powder coating
Finishing diffuser	
Material	PMMA
Colour	transparent
Finishing mounting frame	
Material	Die-cast Aluminium EN AB - 46100
Colour	Black
Processing	Powder coating



Systems - Lines | 1 arrayLED 13 W DC 24 V | CRI 90 | Base  
83754W30

Single emission systems or lines for indoor application. The warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 3500 K and a CRI 90; the source luminous flux is 1597 lm, with a 122.8 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.

### Energy efficiency class

This product contains a light source of energy efficiency class E.

### Illuminotechnical Features

Light Output Ratio (LOR)	60 %
Source lumens	1597 lm
Delivered lumens	967 lm
Consumption	12 W
Luminaire efficacy	80 lm/W
Colour temperature	3500 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	90 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

### LED Life / Failure Ratio

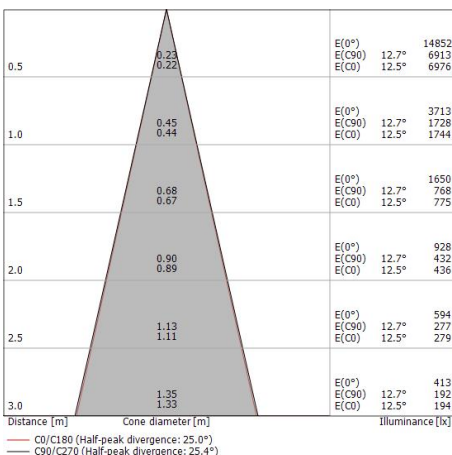
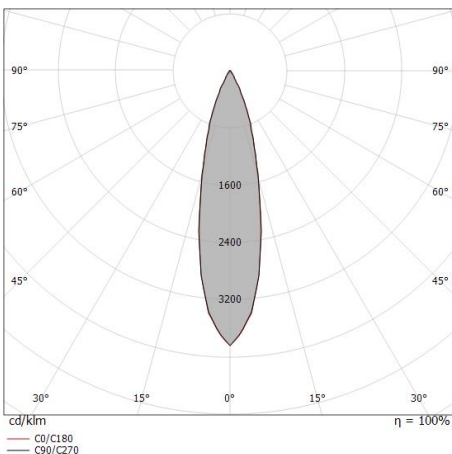
L70 B10 C0 252000h (at Tj 65 Ta 25 )

### UGR

UGR axial	16.6
UGR transversal	16.2
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL


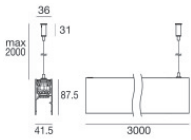

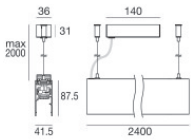

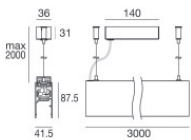

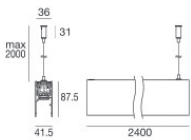

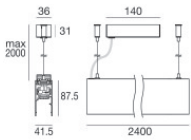

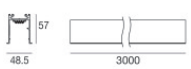



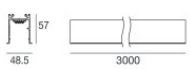
C0/C180 optics	25°
Light distribution simmetry	Symmetrical





Systems - Lines | 1 arrayLED 13 W DC 24 V | CRI 90  
**83754W30**

## Components

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



Systems - Lines | 1 arrayLED 13 W DC 24 V | CRI 90  
**83754W30**

## Components



Modus\_MS Master

### Code

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



Optics  
Light distribution: spot,Cover material: uv resistant polycarbonate

**Code**  
99805



Optics  
Light distribution: medium flood,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate

**Code**  
99806



Optics  
Light distribution: flood,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate

**Code**  
99807



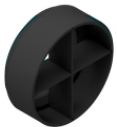
Diffuser  
Diffuser Type: elliptical filter.  
Material:Pom-C, colour:Black.

**Code**  
99775



Anti-glare  
Anti-glare Type: honeycomb louvre.  
Material:Pom-C, colour:Black.

**Code**  
99776



Anti-glare  
Anti-glare Type: cross louvres.  
Material:Pom-C, colour:Black.

**Code**  
99777



Anti-glare  
Anti-glare Type: cylindrical screen.  
Material:Pom-C, colour:Black.

**Code**  
99774



Anti-glare  
Anti-glare Type: 45° cylindrical screen.  
Material:Pom-C, colour:Black.

**Code**  
99773