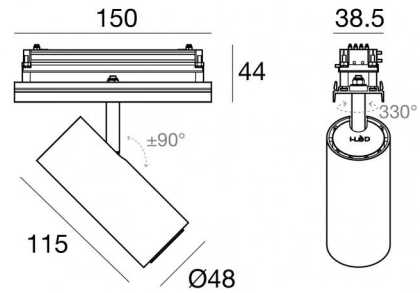


Modus Projectors



Systems - Lines | 1 arrayLED 13 W DC 24 V | CRI 90
83754W15



Technical data	
Type	Continuous Line -
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Spot
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
83754W15

Single emission systems or lines for indoor application. The warm white LED light source with a spot 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)	55 %
Source lumens	1597 lm
Delivered lumens	890 lm
Consumption	12 W
Luminaire efficacy	74 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

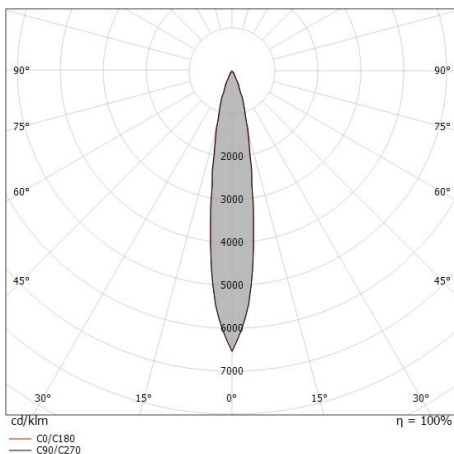
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	15.3
UGR transversal	15.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	17°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.15 0.15	E(0°) 23234 E(C90) 8.8° 11244 E(C0) 8.6° 11254
1.0	0.31 0.30	E(0°) 5809 E(C90) 8.8° 2811 E(C0) 8.6° 2814
1.5	0.46 0.45	E(0°) 2582 E(C90) 8.8° 1249 E(C0) 8.6° 1250
2.0	0.62 0.60	E(0°) 1452 E(C90) 8.8° 703 E(C0) 8.6° 703
2.5	0.77 0.76	E(0°) 929 E(C90) 8.8° 450 E(C0) 8.6° 450
3.0	0.93 0.91	E(0°) 645 E(C90) 8.8° 312 E(C0) 8.6° 313


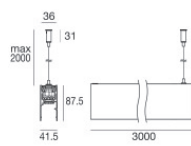

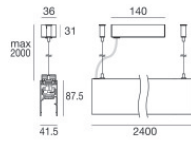

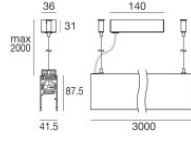

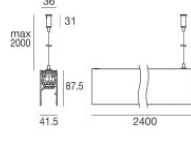

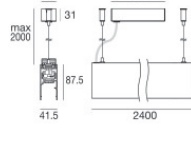






Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 17.2°)
— C90/C270 (Half-peak divergence: 17.6°)



Systems - Lines | 1 arrayLED 13 W DC 24 V | CRI 90
83754W15

Components

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



Systems - Lines | 1 arrayLED 13 W DC 24 V | CRI 90
83754W15

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



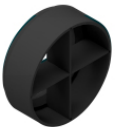
Diffuser
Diffuser Type: elliptical filter.
Material:Pom-C, colour:Black.

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