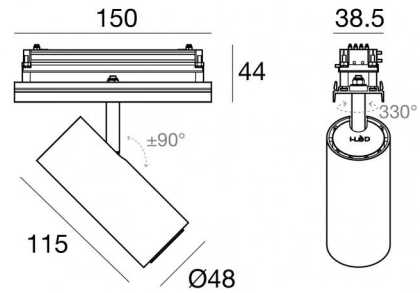


Modus Projectors



Systems - Lines | 1 arrayLED 13 W DC 24 V | CRI 90
83730N15



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	1660 lm
Input voltage range	24 V
CCT / Tone	4000 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	White
Processing	Powder coating
Finishing diffuser	
Material	PMMA
Colour	transparent
Finishing mounting frame	
Material	Die-cast Aluminium EN AB - 46100
Colour	White
Processing	Powder coating



Systems - Lines | 1 arrayLED 13 W DC 24 V | CRI 90 | Base
83730N15

Single emission systems or lines for indoor application. The natural white LED light source with a spot 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 white 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 white 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	1660 lm
Delivered lumens	914 lm
Consumption	12 W
Luminaire efficacy	76 lm/W
Colour temperature	4000 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

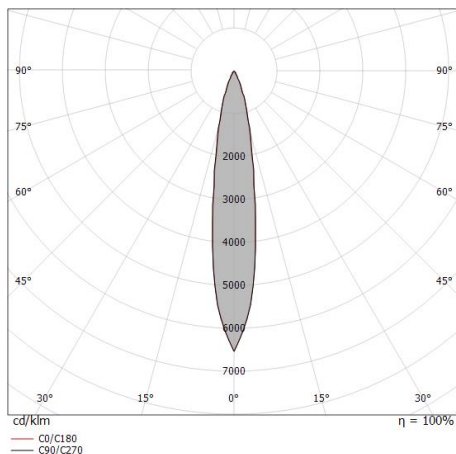
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	15.4
UGR transversal	15.3
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]	E(0°)	E(C90)	E(C0)
0.5	0.15	23879	11556	11567
1.0	0.31	5970	2889	2892
1.5	0.46	2653	1284	1285
2.0	0.62	1492	722	723
2.5	0.77	955	462	463
3.0	0.93	663	321	321

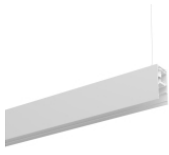
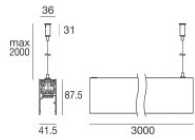

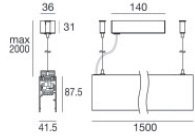
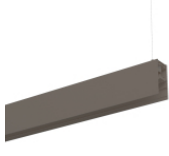
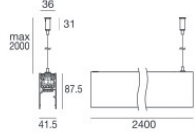
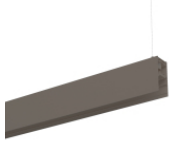
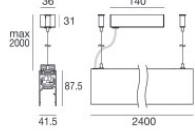
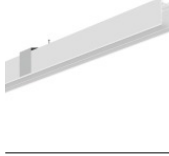

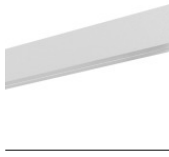

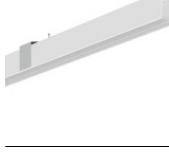



Distance [m] Cone diameter [m] Illuminance [lx]

— 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
83730N15

Components

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



Systems - Lines | 1 arrayLED 13 W DC 24 V | CRI 90
83730N15

Components



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



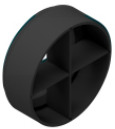
Diffuser
Diffuser Type: elliptical filter.
Material:Pom-C, colour:Black.

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