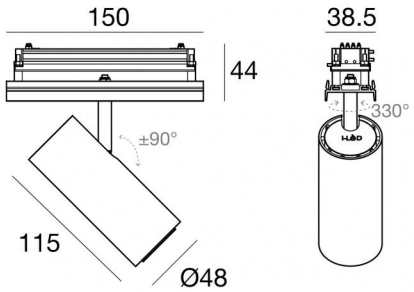
# Modus Projectors

Systems - Lines | 1 arrayLED 13 W DC 24 V | CRI 90
**83754N15**




| 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 | 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 |



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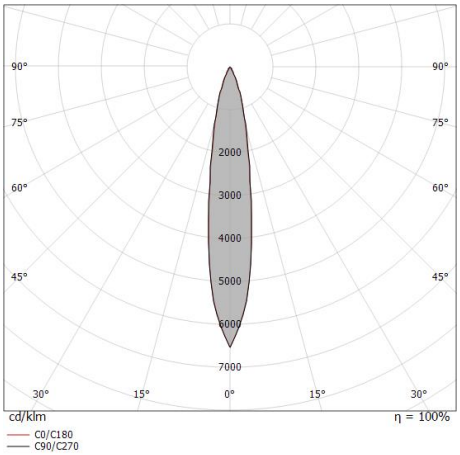
Single emission systems or lines for indoor application. The natural white LED light source with a spot light distribution is composed of 1 arrayled LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 1660 lm, with a 127.7 lm/W nominal luminous efficacy.

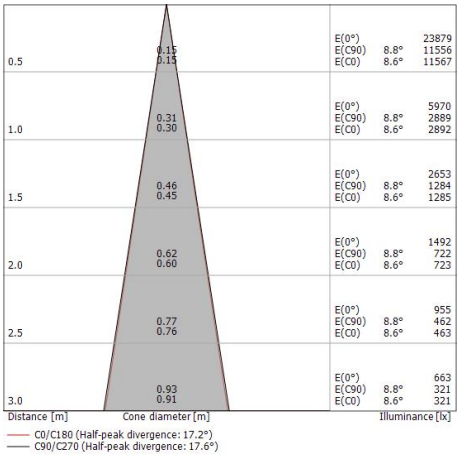
The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating; the diffuser is made of pmma; the mounting frame is made of die-cast aluminium en ab - 46100, with a black finish, processed by means of powder coating. The ingress protection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




| 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 |



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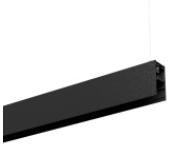
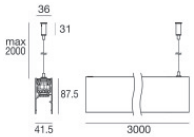
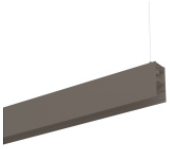
## Components

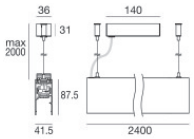





Modus_MP Slave

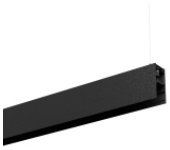
**Code**
83786 - 83742 - 83788 - 83787 - 83789 - 83741 - 83740 - 83743

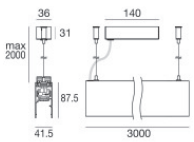





Modus_MP Master

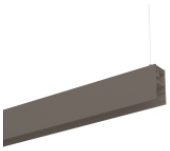
**Code**
83783 - 83782 - 83737 - 83785 - 83736 - 83738 - 83784

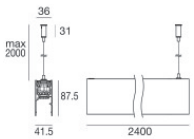





Modus_M Master

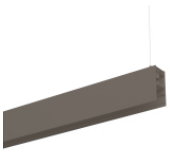
**Code**
83739

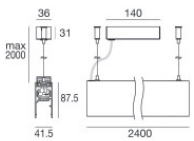





Modus_MP Slave Dynamic-White

**Code**
83820 - 83819 - 83821 - 83822 - 83847 - 83846 - 83849 - 83848






Modus_MP Master Dynamic-White

**Code**
83818 - 83817 - 83816 - 83815 - 83843 - 83842 - 83845 - 83844

Modus_MC Master

**Code**
C00166BBEZZ - C00167BBEZZ - C00168BBEZZ - C00169BBEZZ

Modus_MS Slave

**Code**
C00069BBEZZ - C00069BUEZZ - C00070BBEZZ - C00070BUEZZ - C00071BBEZZ - C00071BUEZZ - C00072BBEZZ - C00072BUEZZ

Modus_MC

**Code**
C00170BBEZZ - C00171BBEZZ - C00172BBEZZ - C00173BBEZZ

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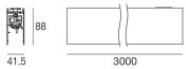
## Components




Modus_MS Master

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



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# Modus Projectors

Modus Projectors | Lines | Accessories
**83754N15**

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

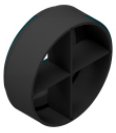
**Code**
99807

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

**Code**
99775

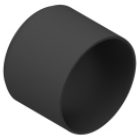
Anti-glare
Anti-glare Type: honeycomb louvre.
Material:Pom-C, colour:Black.

**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



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