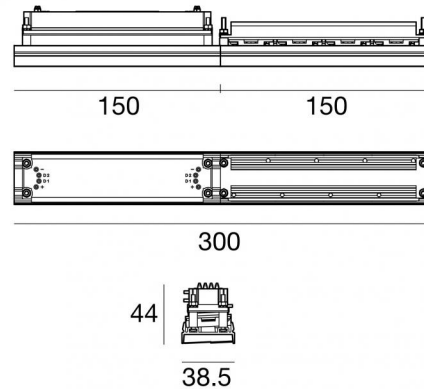


Modus Cell_Ww



Systems - Lines | 4 x powerLEDs 12 W DC 24 V
CRI 92
83745W07



| Technical data | |
|--|------------------------|
| Type | Continuous Line - |
| Installation environment | Indoor |
| Light Source | LED |
| Circuit structure | powerLEDs |
| Optics | Asymmetric Wallwasher |
| Light emission direction | downward |
| Nominal power | 12 W DC |
| Source lumens | 1281 lm |
| Input voltage range | 24 V |
| CCT / Tone | 3500 K |
| Colour rendering index | 92 Ra |
| C.C. / C.V. | CV |
| Safety class | 3 |
| IP | IP40 |
| 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 | No |
| Tilting | No |
| Walk-over | No |
| Drive-over | No |
| Cable included | Yes |
| Cable length | 0.25 m |
| Resin potting | No |
| Type of light emission | Single emission |
| Net weight | 0.282 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 | UV Resistant Polycarbonate |
| Colour | chrome |
| Processing | Metallization |

Cables Electrification

| | |
|-----------------|-----------|
| Cable connector | Easy Plug |
|-----------------|-----------|



Systems - Lines | 4 x powerLEDs 12 W DC 24 V | CRI 92 | Base
83745W07

Single emission systems or lines for indoor application. The warm white LED light source with a asymmetric wallwasher light distribution is composed of 4 powerled LEDs with CCT of 3500 K and a CRI 92; the source luminous flux is 1281 lm, with a 106.8 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 uv resistant polycarbonate with a metallization treatment. The ingress protection degree is IP40; the total weight is of 0.282 kg.

The total absorbed power is 12 W. The power supply cable is included and features a 0.25 m length.

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 F.

Illuminotechnical Features

| | |
|---------------------------------------|----------------|
| Light Output Ratio (LOR) | 45 % |
| Source lumens | 1281 lm |
| Delivered lumens | 587 lm |
| Consumption | 12 W |
| Luminaire efficacy | 48 lm/W |
| Colour temperature | 3500 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Colour rendering index | 92 Ra |

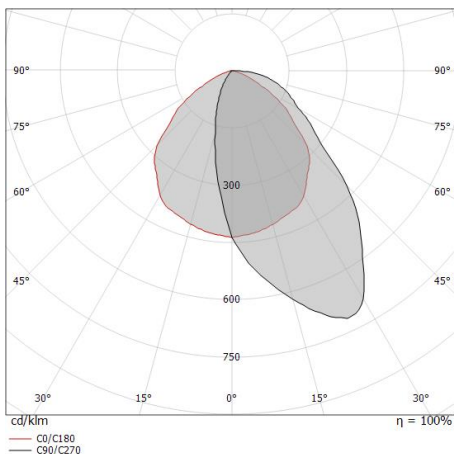
Standard Operating Ambient Temperature -20 / +50°C

LED Life / Failure Ratio

L70 B10 C0 250000h (at Tj 65 Ta 25)

OPTICAL

| | |
|-----------------------------|--------------|
| C0/C180 optics | 99° |
| Light distribution simmetry | Asymmetrical |



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|-------------------------|
| 0.5 | 1.17 | E(0°) 1026 E(C0) 142 |
| 1.0 | 2.33 | E(0°) 256 E(C0) 35 |
| 1.5 | 3.50 | E(0°) 114 E(C0) 16 |
| 2.0 | 4.67 | E(0°) 64 E(C0) 9 |
| 2.5 | 5.83 | E(0°) 41 E(C0) 6 |
| 3.0 | 7.00 | E(0°) 28 E(C0) 4 |

Distance [m] Cone diameter [m] Illuminance [lx]
— C0/C180 (Half-peak divergence: 98.8°)



Systems - Lines | 4 x powerLEDs 12 W DC 24 V | CRI 92
83745W07

Components

| | | | |
|--|--|--------------------------------------|---|
| | | Modus_M Complete | Code <u>84255 - 84257 - 83758 - 83837</u> |
| | | Modus_MP Slave | Code <u>83786 - 83742 - 83788 - 83787 - 83789 - 83741 - 83740 - 83743</u> |
| | | Modus_MP Master | Code <u>83783 - 83782 - 83737 - 83785 - 83736 - 83738 - 83784</u> |
| | | Modus_M Master | Code <u>83739</u> |
| | | Modus_MP Slave Dynamic-White | Code <u>83820 - 83819 - 83821 - 83822 - 83848 - 83846 - 83847 - 83849</u> |
| | | Modus_MP Master Dynamic-White | Code <u>83818 - 83817 - 83816 - 83815 - 83843 - 83842 - 83845 - 83844</u> |
| | | Modus_MC Master | Code <u>C00166BBEZZ - C00167BBEZZ - C00168BBEZZ - C00169BBEZZ</u> |
| | | Modus_MS Slave | Code <u>C00069BBEZZ - C00069BUEZZ - C00070BBEZZ - C00070BUEZZ - C00071BBEZZ - C00071BUEZZ - C00072BBEZZ - C00072BUEZZ</u> |



Systems - Lines | 4 x powerLEDs 12 W DC 24 V | CRI 92
83745W07

Components



Modus_MC

Code

C00170BBEZZ - C00171BBEZZ -
C00172BBEZZ - C00173BBEZZ



Modus_MS Master

Code

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