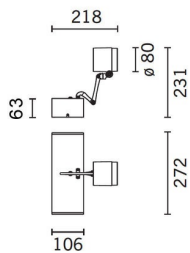


Last information update: June 2023

**Product configuration: MB28**

MB28: Warm LED spotlight - 12° beam.

**Product code**MB28: Warm LED spotlight - 12° beam. **Attention! Code no longer in production****Technical description**

Spotlight with clean lines designed for lay-on installation; particularly suitable for mounting on cornices, architraves and shelves. The centrally-located joint system ensures easy orientation in all directions. LED light source with passive cooling system. Extruded aluminium components body with die-cast aluminium end caps. Shaped fixing plate made of galvanised sheet steel. Die-cast aluminium optical assembly, joints and arms. PMMA emission optics - spot beam. Orientation capacity: -35°/+90° around the horizontal axis; 359° around the vertical axis.

**Installation**

Besides the lay-on installation on horizontal surfaces, the luminaire can be installed on vertical walls and 180° upside down, ensuring optimal aiming in any situation. The fixing plate is anchored with screws and wall plugs, and the component body is then attached to it mechanically.

**Colour**

White (01) | Grey (15)

**Mounting**

wall surface|ceiling surface

**Wiring**

Inclusive of 1-10V dimmable control gear incorporated into the component body; wiring to power supply on fixing plate through plug-in terminal block; configured for pass-through wiring with protective grommet.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	879.8	CRI:	85
W system:	25.5	Colour temperature [K]:	3000
Im source:	1148	Life Time LED 1:	50,000h - L80 - B20 (Ta 25°C)
W source:	17	Ballast losses [W]:	8.5
Luminous efficiency (Im/W, real value):	34.5	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	77	Number of optical assemblies:	1
Beam angle [°]:	12°	Control:	1-10V

**Polar**

Imax=6405 cd		Lux			
h	d	Em	Emax		
2	0.4	1199	1601		
4	0.8	300	400		
6	1.3	133	178		
8	1.7	75	100		