

Last information update: August 2023

Product configuration: MH21

MH21: wall-mounted luminaire with 3 optical assemblies - warm white passive dissipation LEDs - integrated dimmable electronic control gear - spot

Product codeMH21: wall-mounted luminaire with 3 optical assemblies - warm white passive dissipation LEDs - integrated dimmable electronic control gear - spot **Attention! Code no longer in production****Technical description**

Multi-lamp wall-mounted/ceiling-mounted luminaire. LED lamps with passive heat dissipation system. Entirely aluminium frame; die-cast aluminium universal joints; can be adjusted $\pm 45^\circ$ relative to the horizontal and vertical axes; steel anchor plate with aluminium power supply base; extruded aluminium connecting rods with adjustable joint coupling to frame; lever-operated mechanical lock. Die-cast aluminium optical assemblies. Shaped so that heat is effectively carried away, guaranteeing that the performance of the lamps remains unaffected. PMMA emission optics; spot beam angle. DALI dimmable control gear units integrated in the control assembly. Warm white high efficiency LEDs; CRI (Ra) > 90.

Installation

surface-mounted (wall - ceiling) in a transversal or longitudinal position; anchor plate fixed using screws and screw anchors (not supplied); base/plate fixed using screw supplied

Colour

Grey (15)

Mounting

wall surface|ceiling surface

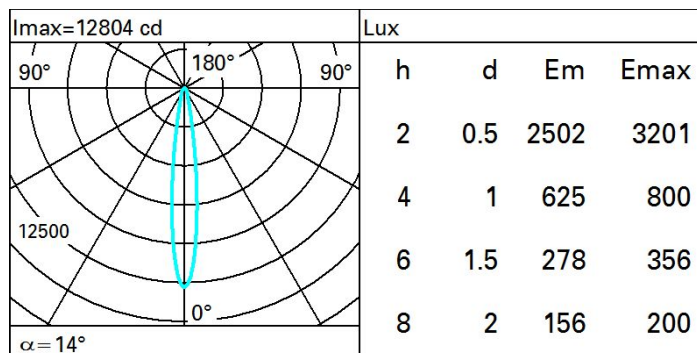
Wiring

Terminal block for connection to mains with quick coupling on power supply base

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	4861.1	CRI:	95
W system:	72.2	Colour temperature [K]:	3000
lm source:	1800	MacAdam Step:	3
W source:	19	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	67.3	Ballast losses [W]:	5.1
lm in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	90	ZVEI Code:	LED
Beam angle [°]:	14°	Number of optical assemblies:	3

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	78	73	69	66	72	69	68	65	72
1.0	82	77	74	72	76	73	73	70	77
1.5	87	84	81	79	83	80	79	76	85
2.0	90	88	86	84	86	85	84	81	90
2.5	92	90	89	87	89	87	86	84	93
3.0	93	92	91	90	90	89	88	86	95
4.0	95	94	93	92	92	91	90	87	97
5.0	95	95	94	93	93	92	91	88	98

Luminance curve limit

