

Last information update: August 2023

Product configuration: MH22

MH22: wall-mounted luminaire with 3 optical assemblies - warm white passive dissipation LEDs - integrated dimmable electronic control gear - medium

Product codeMH22: wall-mounted luminaire with 3 optical assemblies - warm white passive dissipation LEDs - integrated dimmable electronic control gear - medium **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 +/- 45° 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. Textured PMMA additional optic screens - medium 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: 4423.7

W system: 72.2

lm source: 1800

W source: 19

Luminous efficiency (lm/W, real value): 61.3

lm in emergency mode: -

Total light flux at or above an angle of 90° [Lm]: 0

Light Output Ratio (L.O.R.) [%]: 82

Beam angle [°]: 30°

CRI: 95

Colour temperature [K]: 3000

MacAdam Step: 3

Life Time LED 1: 50,000h - L90 - B10 (Ta 25°C)

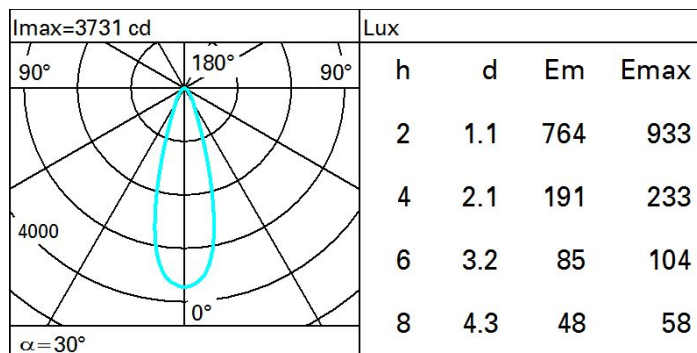
Ballast losses [W]: 5.1

Lamp code: LED

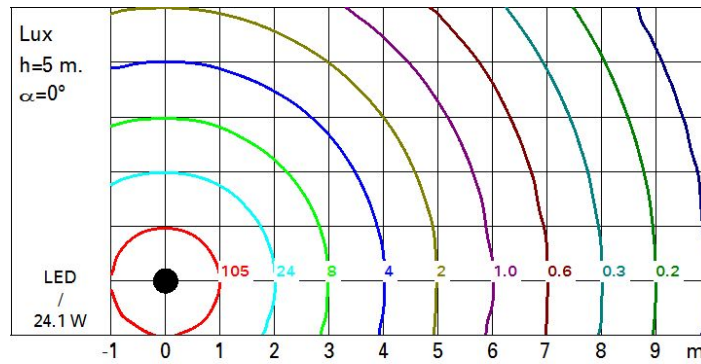
Number of lamps for optical assembly: 1

ZVEI Code: LED

Number of optical assemblies: 3

Polar

Isolux



UGR diagram

Photometric curve code: MF270000.J80 Corrected UGR values (at 1800 lm bare lamp luminous flux)														
Reflect.: ceiling/cav walls work pl. Room dim x y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise							
2H	2H	13.8	14.5	14.0	14.7	14.9	13.8	14.5	14.0	14.7	14.9	13.8	14.5	14.0
	3H	14.2	14.9	14.5	15.1	15.4	14.0	14.6	14.3	14.9	15.1	14.0	14.6	14.3
	4H	14.3	14.9	14.6	15.2	15.5	14.0	14.6	14.3	14.9	15.2	14.0	14.6	14.3
	6H	14.3	14.8	14.6	15.1	15.5	14.0	14.5	14.3	14.8	15.1	14.0	14.5	14.3
	8H	14.2	14.8	14.6	15.1	15.4	13.9	14.4	14.3	14.8	15.1	13.9	14.4	14.3
	12H	14.2	14.7	14.6	15.0	15.4	13.9	14.4	14.3	14.7	15.1	13.9	14.4	14.3
4H	2H	14.0	14.6	14.3	14.9	15.2	14.3	14.9	14.6	15.2	15.5	14.3	14.9	14.6
	3H	14.6	15.1	14.9	15.4	15.8	14.6	15.1	15.0	15.4	15.8	14.6	15.1	15.0
	4H	14.7	15.1	15.1	15.5	15.9	14.7	15.1	15.1	15.5	15.9	14.7	15.1	15.1
	6H	14.6	15.0	15.1	15.4	15.8	14.7	15.0	15.1	15.4	15.9	14.7	15.0	15.1
	8H	14.6	15.0	15.1	15.4	15.8	14.6	15.0	15.1	15.4	15.8	14.6	15.0	15.1
	12H	14.6	14.9	15.0	15.3	15.8	14.6	14.9	15.0	15.3	15.8	14.6	14.9	15.0
8H	4H	14.6	15.0	15.1	15.4	15.8	14.6	15.0	15.1	15.4	15.8	14.6	15.0	15.1
	6H	14.6	14.9	15.1	15.4	15.8	14.6	14.9	15.1	15.4	15.8	14.6	14.9	15.1
	8H	14.6	14.8	15.1	15.3	15.8	14.6	14.8	15.1	15.3	15.8	14.6	14.8	15.1
	12H	14.6	14.8	15.1	15.3	15.8	14.6	14.8	15.1	15.3	15.8	14.6	14.8	15.1
12H	4H	14.6	14.9	15.0	15.3	15.8	14.6	14.9	15.0	15.3	15.8	14.6	14.9	15.0
	6H	14.6	14.8	15.1	15.3	15.8	14.6	14.8	15.1	15.3	15.8	14.6	14.8	15.1
	8H	14.6	14.8	15.1	15.3	15.8	14.6	14.8	15.1	15.3	15.8	14.6	14.8	15.1
Variations with the observer position at spacing:														
S =		1.0H	0.6 / -0.8		0.6 / -0.8									
		1.5H	1.5 / -2.3		1.5 / -2.3									
		2.0H	2.8 / -3.0		2.8 / -3.0									