

Front Light

Design iGuzzini

iGuzzini

Last information update: May 2024

Product configuration: MK86

MK86: Spotlight - Large body - LED Warm White - Electronic ballast -Flood Optic



Technical drawing of the base plate (Fig. 1) showing dimensions: 274 mm height, 194 mm width, and 140 mm depth.

Product code

MK86: Spotlight - Large body - LED Warm White - Electronic ballast -Flood Optic **Attention! Code no longer in production**

Technical description

Adjustable spotlight with adapter for installation on a mains voltage track. Luminaire made of die-cast aluminium. Spotlight double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Mechanical aiming locks both for rotation about the vertical axis and tilting relative to the horizontal plane. Equipped with ballast. The luminaire comes complete with LED unit with flood optic in a warm white tone.

Installation

On an electrified track

Colour

White (01) | Black (04) | Grey / Black (74)

Weight (Kg)

2

Mounting

three circuit track

Wiring

Electronic components housed in the luminaire

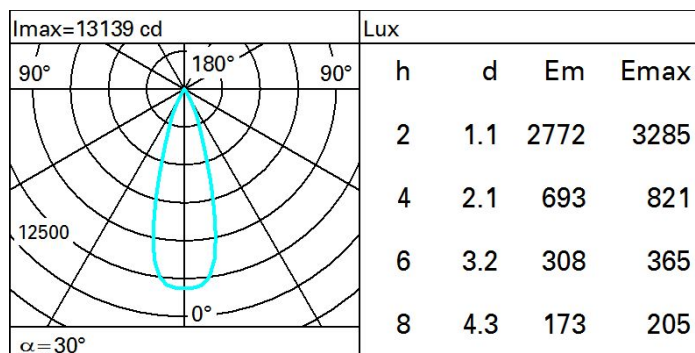
Complies with EN60598-1 and pertinent regulations



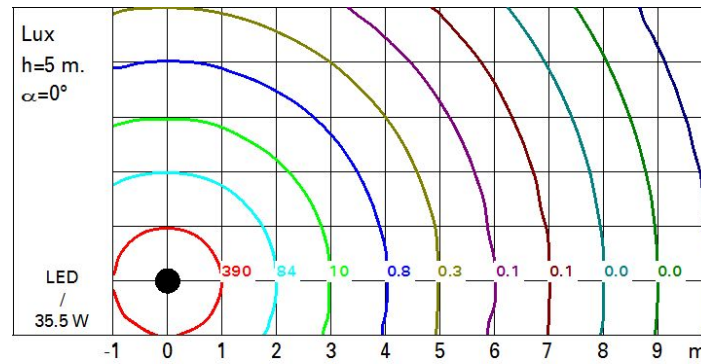
Technical data

Im system:	4020	CRI (minimum):	80
W system:	35.5	Colour temperature [K]:	3000
Im source:	5100	MacAdam Step:	2
W source:	33	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	113.2	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.) [%]:	79	Number of optical assemblies:	1
Beam angle [°]:	30°		

Polar



Isolux



UGR diagram

Corrected UGR values (at 5100 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim		viewed crosswise					viewed endwise				
x	y										
2H	2H	4.3	4.8	4.6	5.0	5.3	4.3	4.8	4.6	5.0	5.3
	3H	4.5	5.0	4.8	5.2	5.5	4.3	4.7	4.6	5.0	5.3
	4H	4.6	5.0	4.9	5.3	5.6	4.3	4.7	4.6	5.0	5.3
	6H	4.7	5.1	5.1	5.5	5.8	4.2	4.6	4.6	4.9	5.3
	8H	4.8	5.2	5.1	5.5	5.8	4.2	4.6	4.6	4.9	5.2
	12H	4.8	5.2	5.2	5.5	5.9	4.2	4.5	4.5	4.9	5.2
4H	2H	4.3	4.7	4.6	5.0	5.3	4.6	5.0	4.9	5.3	5.6
	3H	4.6	4.9	4.9	5.3	5.6	4.7	5.1	5.1	5.4	5.8
	4H	4.8	5.1	5.2	5.5	5.8	4.8	5.1	5.2	5.5	5.8
	6H	5.0	5.3	5.4	5.7	6.1	4.8	5.1	5.2	5.5	5.9
	8H	5.1	5.4	5.5	5.8	6.2	4.8	5.1	5.2	5.5	5.9
	12H	5.1	5.4	5.6	5.8	6.3	4.8	5.0	5.2	5.4	5.9
8H	4H	4.8	5.1	5.2	5.5	5.9	5.1	5.4	5.5	5.8	6.2
	6H	5.1	5.4	5.6	5.8	6.3	5.2	5.4	5.7	5.9	6.4
	8H	5.3	5.5	5.8	5.9	6.4	5.3	5.5	5.8	5.9	6.4
	12H	5.4	5.6	5.9	6.0	6.6	5.3	5.5	5.8	6.0	6.5
12H	4H	4.8	5.0	5.2	5.4	5.9	5.1	5.4	5.6	5.8	6.3
	6H	5.1	5.3	5.6	5.8	6.3	5.3	5.5	5.8	6.0	6.5
	8H	5.3	5.5	5.8	6.0	6.5	5.4	5.6	5.9	6.0	6.6
Variations with the observer position at spacing:											
S = 1.0H		3.9 / -2.1					3.9 / -2.1				
1.5H		6.3 / -2.5					6.3 / -2.5				
2.0H		8.2 / -2.7					8.2 / -2.7				