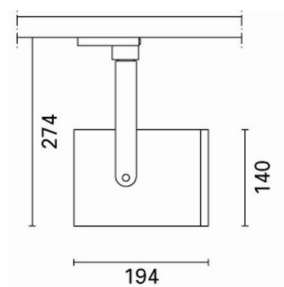


Front Light

Design iGuzzini

iGuzzini

Last information update: May 2018



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

Product code

MK86

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

Dimension (mm)

Ø140x194

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



IP20

IP40

for optical assembly



CE



EAC



pending

Product configuration: MK86

Product characteristics

Total lighting output [Lm]: 3981
Total power [W]: 35.5
Luminous efficacy [Lm/W]: 112.1
Life Time: > 50,000h - L80 - B10 (Ta 25°C)

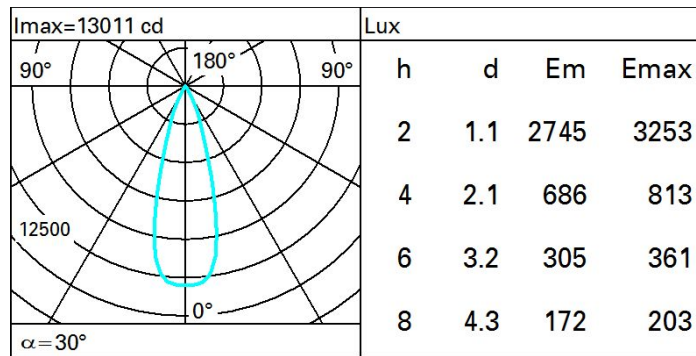
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

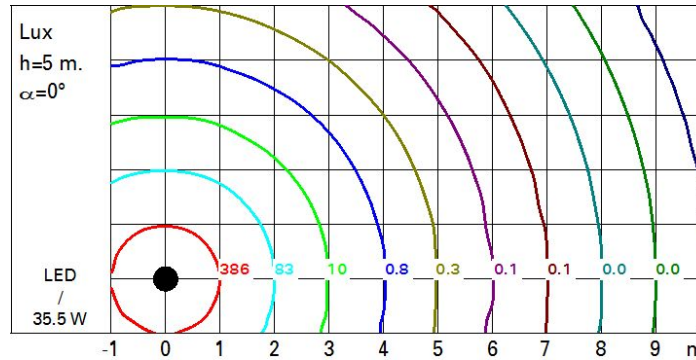
Light Output Ratio (L.O.R.) [%]: 79
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 33
Nominal luminous [Lm]: 5050
Lamp maximum intensity [cd]: /
Beam angle [°]: 30°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 2.5
Colour temperature [K]: 3000
CRI: 80
Wavelength [Nm]: /
MacAdam Step: 2

Polar



Isolux



UGR diagram

Corrected UGR values (at 5050 lm bare lamp luminous flux)											
Reflect.:											
ceiling	cav	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	4.2	4.8	4.5	5.0	5.2	4.2	4.8	4.5	5.0	5.2
	3H	4.5	4.9	4.8	5.2	5.5	4.2	4.7	4.6	5.0	5.3
	4H	4.6	5.0	4.9	5.3	5.6	4.2	4.7	4.6	5.0	5.3
	6H	4.7	5.1	5.0	5.4	5.7	4.2	4.6	4.5	4.9	5.2
	8H	4.8	5.1	5.1	5.5	5.8	4.2	4.5	4.5	4.9	5.2
	12H	4.8	5.2	5.1	5.5	5.8	4.1	4.5	4.5	4.8	5.2
4H	2H	4.2	4.7	4.6	5.0	5.3	4.6	5.0	4.9	5.3	5.6
	3H	4.5	4.9	4.9	5.2	5.6	4.7	5.1	5.1	5.4	5.7
	4H	4.7	5.1	5.1	5.4	5.8	4.7	5.1	5.1	5.4	5.8
	6H	5.0	5.3	5.4	5.7	6.1	4.8	5.1	5.2	5.4	5.9
	8H	5.1	5.3	5.5	5.7	6.2	4.8	5.0	5.2	5.4	5.9
	12H	5.1	5.4	5.6	5.8	6.2	4.7	5.0	5.2	5.4	5.9
8H	4H	4.8	5.0	5.2	5.4	5.9	5.1	5.3	5.5	5.7	6.2
	6H	5.1	5.3	5.6	5.8	6.2	5.2	5.4	5.7	5.9	6.3
	8H	5.2	5.4	5.7	5.9	6.4	5.2	5.4	5.7	5.9	6.4
	12H	5.4	5.5	5.9	6.0	6.5	5.3	5.4	5.8	5.9	6.4
12H	4H	4.7	5.0	5.2	5.4	5.9	5.1	5.4	5.6	5.8	6.2
	6H	5.1	5.3	5.6	5.8	6.3	5.3	5.5	5.8	5.9	6.4
	8H	5.3	5.4	5.8	5.9	6.4	5.4	5.5	5.9	6.0	6.5
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				