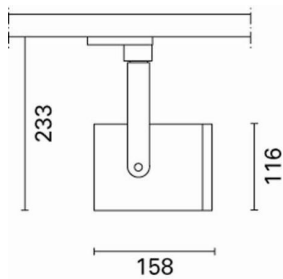


Front Light

Design iGuzzini

iGuzzini

Last information update: May 2018



Small body Spotlight - LED Warm White - Electronic ballast - Medium Optic

Product code

MN47

Technical description

Adjustable indoor spotlight with adapter for installation on mains electrified track, for high output LED lamp with monochrome emission in a warm white colour. Medium optic. Luminaire made of die-cast aluminium. Twin adjustability allows 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Mechanical locks for aiming, for rotation on horizontal plane and around vertical axis. Equipped with electronic ballast.

Installation

Electrified track or base, to be ordered as an accessory

Dimension (mm)

Ø116x158

Colour

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

Weight (Kg)

1.4

Mounting

three circuit track

Wiring

Electronic components housed in the luminaire.

Complies with EN60598-1 and pertinent regulations



IP20

IP40

for optical assembly



Product configuration: MN47

Product characteristics

Total lighting output [Lm]: 1614
Total power [W]: 19.4
Luminous efficacy [Lm/W]: 83.2
Life Time: > 50,000h - L80 - B10 (Ta 25°C)

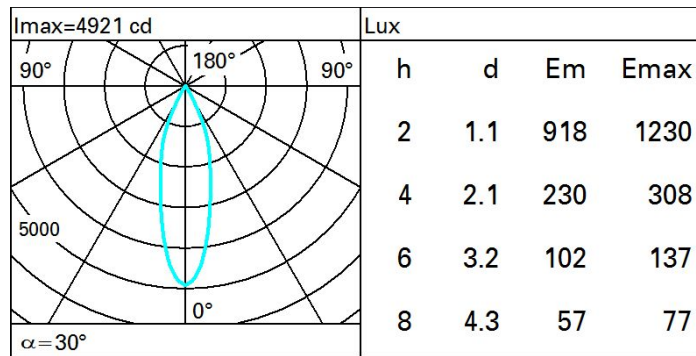
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

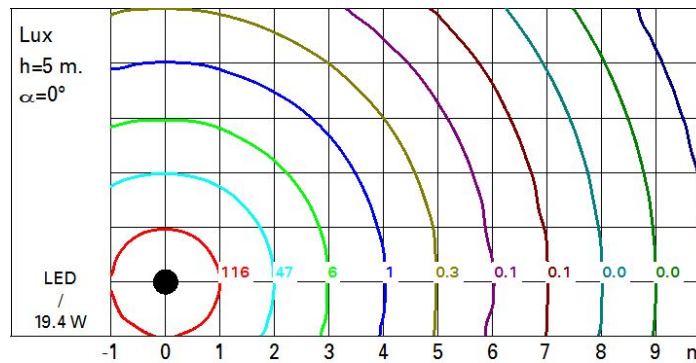
Light Output Ratio (L.O.R.) [%]: 77
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 17
Nominal luminous [Lm]: 2100
Lamp maximum intensity [cd]: /
Beam angle [°]: 30°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 2.4
Colour temperature [K]: 3000
CRI: 90
Wavelength [Nm]: /
MacAdam Step: 2

Polar



Isolux



UGR diagram

Corrected UGR values (at 2100 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
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		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	9.2	9.8	9.5	10.0	10.2	9.2	9.8	9.5	10.0	10.2
	3H	9.2	9.7	9.5	10.0	10.3	9.1	9.7	9.5	9.9	10.2
	4H	9.2	9.7	9.5	10.0	10.3	9.1	9.6	9.4	9.9	10.2
	6H	9.2	9.7	9.6	10.0	10.3	9.0	9.5	9.4	9.8	10.1
	8H	9.2	9.6	9.6	10.0	10.3	9.0	9.4	9.4	9.8	10.1
	12H	9.2	9.6	9.6	9.9	10.3	9.0	9.4	9.3	9.7	10.1
4H	2H	9.1	9.6	9.4	9.9	10.2	9.2	9.7	9.5	10.0	10.3
	3H	9.2	9.6	9.5	9.9	10.3	9.2	9.6	9.6	10.0	10.3
	4H	9.2	9.6	9.6	9.9	10.3	9.2	9.6	9.6	9.9	10.3
	6H	9.2	9.5	9.6	9.9	10.3	9.2	9.5	9.6	9.9	10.3
	8H	9.2	9.5	9.7	9.9	10.4	9.1	9.4	9.6	9.8	10.3
	12H	9.2	9.5	9.7	9.9	10.4	9.1	9.3	9.5	9.8	10.2
8H	4H	9.1	9.4	9.6	9.8	10.3	9.2	9.5	9.7	9.9	10.4
	6H	9.2	9.4	9.7	9.9	10.3	9.2	9.5	9.7	9.9	10.4
	8H	9.2	9.4	9.7	9.9	10.4	9.2	9.4	9.7	9.9	10.4
	12H	9.2	9.4	9.7	9.9	10.4	9.2	9.4	9.7	9.8	10.4
12H	4H	9.1	9.3	9.5	9.8	10.2	9.2	9.5	9.7	9.9	10.4
	6H	9.1	9.4	9.6	9.8	10.3	9.2	9.4	9.7	9.9	10.4
	8H	9.2	9.4	9.7	9.8	10.4	9.2	9.4	9.7	9.9	10.4
Variations with the observer position at spacing:											
S =		4.2 / -3.7					4.2 / -3.7				
		6.8 / -4.6					6.8 / -4.6				
		8.7 / -5.1					8.7 / -5.1				