

Front Light

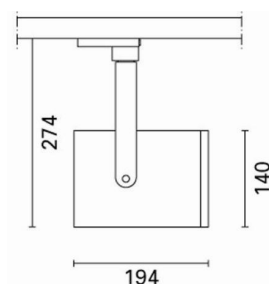
Design iGuzzini

iGuzzini

Last information update: May 2024

Product configuration: P091

P091: Large body spotlight - Warm White LED - electronic ballast - Medium Optic



Product code

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Technical description

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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. Luminaire complete with warm white colour 3000K LED unit

Installation

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

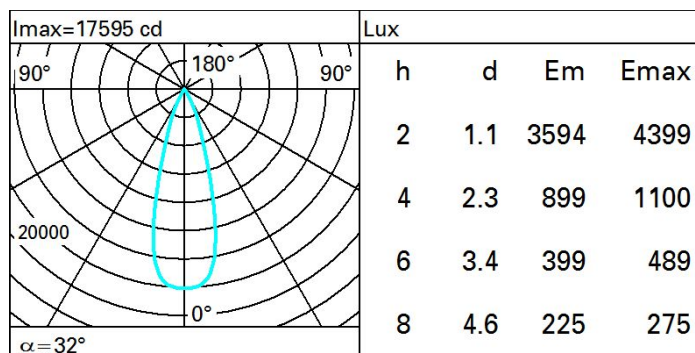
Complies with EN60598-1 and pertinent regulations



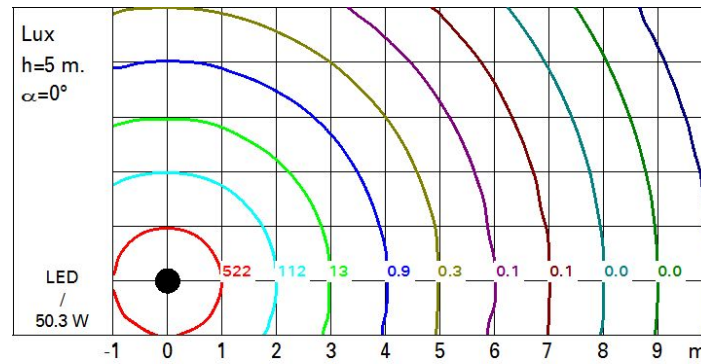
Technical data

Im system:	5360	CRI (minimum):	80
W system:	50.3	Colour temperature [K]:	3000
Im source:	6800	MacAdam Step:	2
W source:	46	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	106.6	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 [°]:	32°		

Polar



Isolux



UGR diagram

Corrected UGR values (at 6800 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	4.4	4.9	4.6	5.1	5.4	4.4	4.9	4.6	5.1	5.4
	3H	4.5	5.0	4.8	5.3	5.5	4.4	4.8	4.7	5.1	5.4
	4H	4.6	5.1	5.0	5.4	5.7	4.3	4.8	4.7	5.1	5.3
	6H	4.8	5.2	5.1	5.5	5.8	4.3	4.7	4.6	5.0	5.3
	8H	4.8	5.2	5.2	5.6	5.9	4.3	4.6	4.6	5.0	5.3
	12H	4.9	5.2	5.2	5.6	5.9	4.2	4.6	4.6	4.9	5.3
4H	2H	4.3	4.8	4.7	5.1	5.3	4.6	5.1	5.0	5.4	5.7
	3H	4.6	5.0	5.0	5.3	5.7	4.7	5.1	5.1	5.4	5.8
	4H	4.8	5.1	5.2	5.5	5.9	4.8	5.1	5.2	5.5	5.9
	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	5.6	5.8	6.2	4.8	5.1	5.2	5.5	5.9
	12H	5.2	5.4	5.6	5.9	6.3	4.8	5.0	5.2	5.5	5.9
8H	4H	4.8	5.1	5.2	5.5	5.9	5.1	5.4	5.6	5.8	6.2
	6H	5.2	5.4	5.6	5.8	6.3	5.3	5.5	5.7	5.9	6.4
	8H	5.3	5.5	5.8	6.0	6.5	5.3	5.5	5.8	6.0	6.5
	12H	5.5	5.6	6.0	6.1	6.6	5.4	5.5	5.9	6.0	6.5
12H	4H	4.8	5.0	5.2	5.5	5.9	5.2	5.4	5.6	5.9	6.3
	6H	5.2	5.4	5.6	5.8	6.3	5.4	5.6	5.8	6.0	6.5
	8H	5.4	5.5	5.9	6.0	6.5	5.5	5.6	6.0	6.1	6.6
Variations with the observer position at spacing:											
S =		1.0H	4.1 / -2.2				4.1 / -2.2				
		1.5H	6.6 / -2.6				6.6 / -2.6				
		2.0H	8.5 / -2.7				8.5 / -2.7				