

Front Light

Design iGuzzini iGuzzini

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Last information update: May 2024

Product configuration: P088

P088: Large body spotlight - Neutral White LED - electronic ballast - Medium Optic



Product code

P088: Large body spotlight - Neutral White LED - electronic ballast - Medium 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. Luminaire complete with neutral white colour 4.000K LED unit

Installation

On an electrified track

Colour	Weight (Kg)
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White (01) Black (04) Grey / Black (74)	2
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Weight (Kg)

2

Mounting

three circuit track

Wiring

Electronic components housed in the luminaire

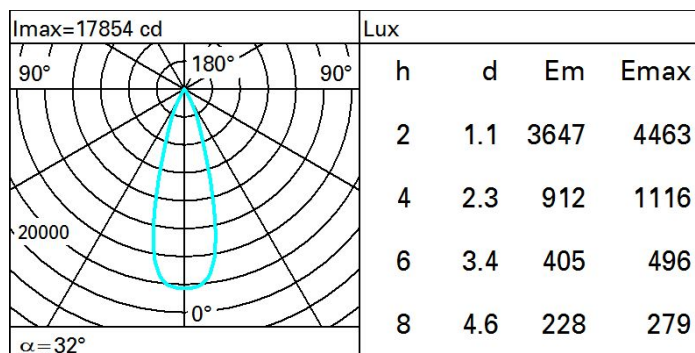
Complies with EN60598-1 and pertinent regulations



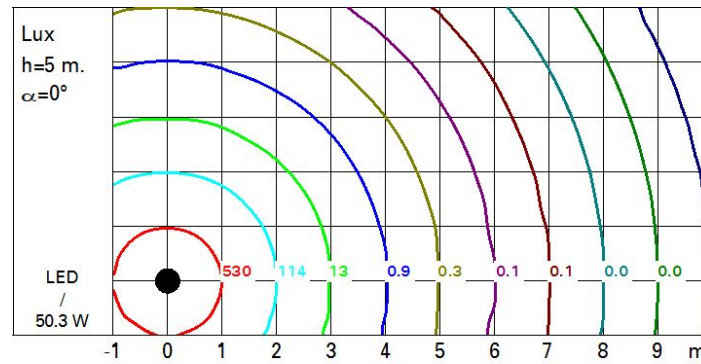
Technical data

Im system:	5439	CRI (minimum):	80
W system:	50.3	Colour temperature [K]:	4000
Im source:	6900	MacAdam Step:	2
W source:	46	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	108.1	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 6900 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
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	4.4	4.9	4.7	5.2	5.4	4.4	4.9	4.7	5.2	5.4
	3H	4.6	5.1	4.9	5.3	5.6	4.4	4.9	4.7	5.1	5.4
	4H	4.7	5.1	5.0	5.4	5.7	4.4	4.8	4.7	5.1	5.4
	6H	4.8	5.2	5.2	5.5	5.9	4.3	4.7	4.7	5.0	5.4
	8H	4.9	5.3	5.2	5.6	5.9	4.3	4.7	4.7	5.0	5.4
	12H	4.9	5.3	5.3	5.6	6.0	4.3	4.6	4.6	5.0	5.3
4H	2H	4.4	4.8	4.7	5.1	5.4	4.7	5.1	5.0	5.4	5.7
	3H	4.6	5.0	5.0	5.4	5.7	4.8	5.2	5.2	5.5	5.8
	4H	4.8	5.2	5.2	5.5	5.9	4.8	5.2	5.2	5.5	5.9
	6H	5.1	5.4	5.5	5.8	6.2	4.9	5.1	5.3	5.5	6.0
	8H	5.2	5.4	5.6	5.8	6.3	4.9	5.1	5.3	5.5	6.0
	12H	5.2	5.5	5.7	5.9	6.4	4.8	5.1	5.3	5.5	6.0
8H	4H	4.9	5.1	5.3	5.5	6.0	5.2	5.4	5.6	5.8	6.3
	6H	5.2	5.4	5.7	5.9	6.3	5.3	5.5	5.8	6.0	6.4
	8H	5.4	5.6	5.8	6.0	6.5	5.4	5.6	5.8	6.0	6.5
	12H	5.5	5.7	6.0	6.2	6.7	5.4	5.6	5.9	6.0	6.6
12H	4H	4.8	5.1	5.3	5.5	6.0	5.2	5.5	5.7	5.9	6.4
	6H	5.2	5.4	5.7	5.9	6.4	5.4	5.6	5.9	6.1	6.6
	8H	5.4	5.6	5.9	6.0	6.6	5.5	5.7	6.0	6.2	6.7
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				