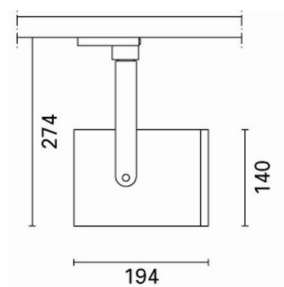


## Front Light

Design iGuzzini

iGuzzini

Last information update: May 2018



### Large body spotlight - Neutral White LED - electronic ballast - Medium Optic

**Product code**  
P088

#### 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

**Dimension (mm)**  
Ø140x274

**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: P088

#### Product characteristics

Total lighting output [Lm]: 5439  
Total power [W]: 50.3  
Luminous efficacy [Lm/W]: 108.1  
Life Time: > 50,000h - L80 - B10 (Ta 25°C)

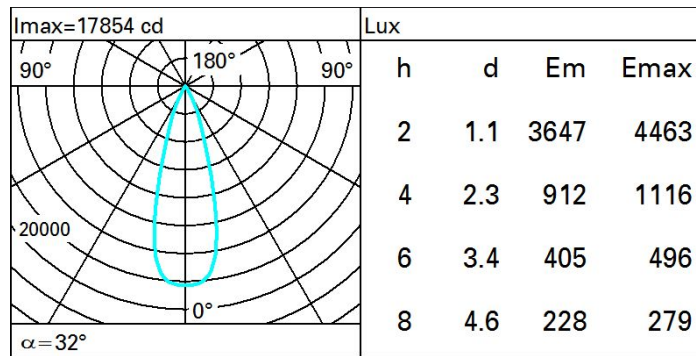
Total luminous flux at or above an angle of 90° [Lm]: 0  
Emergency luminous flux [Lm]: /  
Voltage [V]: -  
Number of optical assemblies: 1

#### Optical assembly Characteristics Type 1

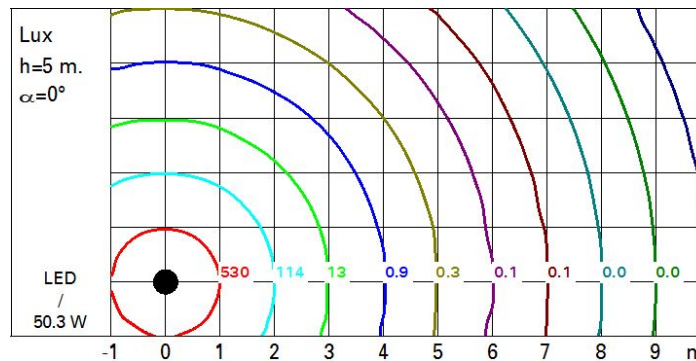
Light Output Ratio (L.O.R.) [%]: 79  
Lamp code: LED  
ZVEI Code: LED  
Nominal power [W]: 46  
Nominal luminous [Lm]: 6900  
Lamp maximum intensity [cd]: /  
Beam angle [°]: 32°

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 4.3  
Colour temperature [K]: 4000  
CRI: 80  
Wavelength [Nm]: /  
MacAdam Step: 2

# Polar



# Isolux



# UGR diagram

Corrected UGR values (at 6900 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	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				