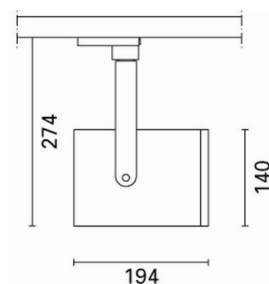


Front Light

Design iGuzzini

iGuzzini

Last information update: May 2018



Large body spotlight - warm white LED - electronic ballast - Flood Optic

Product code

P092

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 warm white colour 3000K 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



Product configuration: P092

Product characteristics

Total lighting output [Lm]: 5287
Total power [W]: 50.3
Luminous efficacy [Lm/W]: 105.1
Life Time: > 50,000h - L80 - B10 (Ta 25°C)

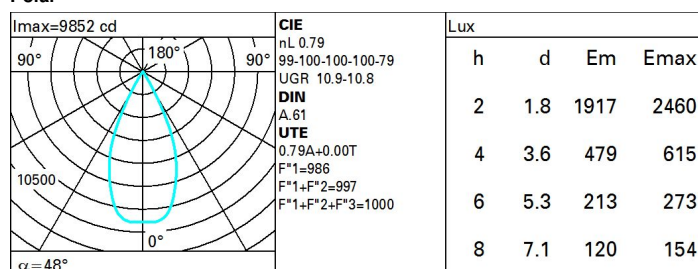
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

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]: 6700
Lamp maximum intensity [cd]: /
Beam angle [°]: 48°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 4.3
Colour temperature [K]: 3000
CRI: 80
Wavelength [Nm]: /
MacAdam Step: 2

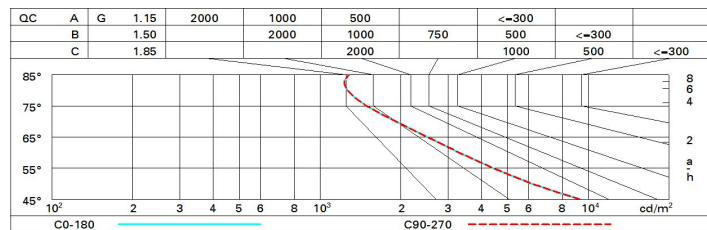
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	67	64	62	66	64	64	61	77
1.0	74	71	68	66	70	68	67	65	82
1.5	78	75	73	72	74	73	72	69	88
2.0	80	78	77	76	77	76	75	73	92
2.5	82	80	79	78	79	78	77	75	95
3.0	83	82	81	80	81	80	79	77	97
4.0	84	83	83	82	82	81	80	78	99
5.0	84	84	83	83	82	82	81	79	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 6700 lm bare lamp luminous flux)											
Reflect.:											
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	11.1	11.7	11.4	11.9	12.2	11.1	11.7	11.4	11.9	12.2
	3H	11.1	11.6	11.4	11.9	12.2	11.0	11.6	11.3	11.8	12.1
	4H	11.0	11.5	11.4	11.8	12.1	11.0	11.5	11.3	11.8	12.1
	6H	11.0	11.4	11.3	11.8	12.1	10.9	11.4	11.3	11.7	12.0
	8H	11.0	11.4	11.3	11.7	12.1	10.9	11.3	11.2	11.6	12.0
	12H	10.9	11.4	11.3	11.7	12.0	10.8	11.3	11.2	11.6	11.9
4H	2H	11.0	11.5	11.3	11.8	12.1	11.0	11.5	11.4	11.8	12.1
	3H	11.0	11.4	11.3	11.7	12.1	11.0	11.4	11.3	11.7	12.1
	4H	10.9	11.3	11.3	11.7	12.1	10.9	11.3	11.3	11.7	12.1
	6H	10.9	11.2	11.3	11.6	12.0	10.9	11.2	11.3	11.6	12.0
	8H	10.9	11.2	11.3	11.6	12.0	10.8	11.1	11.3	11.5	12.0
	12H	10.8	11.1	11.3	11.5	12.0	10.8	11.1	11.2	11.5	11.9
8H	4H	10.8	11.1	11.3	11.5	12.0	10.9	11.2	11.3	11.6	12.0
	6H	10.8	11.0	11.3	11.5	12.0	10.8	11.1	11.3	11.5	12.0
	8H	10.8	11.0	11.3	11.5	11.9	10.8	11.0	11.3	11.5	11.9
	12H	10.8	10.9	11.3	11.4	11.9	10.7	10.9	11.2	11.4	11.9
12H	4H	10.8	11.1	11.2	11.5	11.9	10.8	11.1	11.3	11.5	12.0
	6H	10.7	11.0	11.2	11.4	11.9	10.8	11.0	11.3	11.5	12.0
	8H	10.7	10.9	11.2	11.4	11.9	10.8	10.9	11.3	11.4	11.9
Variations with the observer position at spacing:											
S =		1.0H	5.2 / -5.0				5.2 / -5.0				
		1.5H	7.9 / -6.2				7.9 / -6.2				
		2.0H	9.8 / -7.0				9.8 / -7.0				