

Front Light

Design iGuzzini

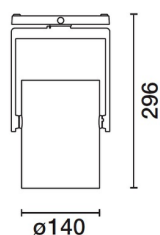
iGuzzini

Last information update: April 2024

Product configuration: P093+J005

P093: pendant - Neutral White - Spot Optic

J005: Suspension L = 500 mm



Product code

P093: pendant - Neutral White - Spot Optic **Attention! Code no longer in production**

Technical description

Pendant luminaire equipped with a three-phase adapter for electrified tracks, made of die-cast aluminium and thermoplastic material. The pendant system consists of steel cables L=2000 that provide a simple mechanical anchoring system. Having been rotated and tilted, the luminaire can be locked mechanically in position to ensure efficient light aiming (during maintenance operations too). Luminaire for high yield C.O.B. technology LED lamp with monochrome emission in a neutral white colour tone (4000K). Spot optic. Equipped with electronic ballast. Equipped with an accessory holding ring designed to contain a flat accessory. An external component may also be applied, such as directional flaps with 360° rotation.

Installation

On an electrified track

Colour

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

Weight (Kg)

2.4

Mounting

three circuit track pendant|ceiling surface

Wiring

product complete with electronic components

Complies with EN60598-1 and pertinent regulations



Technical data

lm system:	5451	CRI:	80
W system:	50.3	Colour temperature [K]:	4000
lm source:	6900	MacAdam Step:	2
W source:	46	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	108.4	Lamp code:	LED
lm 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 [°]:	16°		

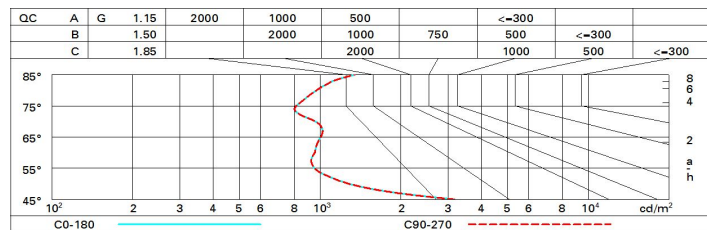
Polar

Imax=38244 cd		CIE		Lux			
				h	d	Em	E _{max}
		nL 0.79 100-100-100-100-79 UGR <10-10 DIN A.61 UTE 0.79A+0.00T F*1=995 F*1+F*2=999 F*1+F*2+F*3=1000 CIBSE LG3 L<1500 cd/m² at 65° UGR<10 L<1500 cd/mq @65°		2	0.6	7704	9561
				4	1.1	1926	2390
				6	1.7	856	1062
				8	2.2	482	598

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	68	65	63	67	65	64	62	78
1.0	74	71	69	67	70	68	68	65	83
1.5	78	76	74	72	75	73	72	70	88
2.0	80	79	77	76	78	76	75	73	93
2.5	82	81	80	79	80	78	78	76	96
3.0	83	82	81	80	81	80	79	77	98
4.0	84	83	83	82	82	82	80	78	99
5.0	84	84	84	83	83	82	81	79	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 6900 lm bare lamp luminous flux)											
Reflect.: ceiling walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	3.7	5.8	4.0	6.1	6.4	3.7	5.8	4.0	6.1	6.4
	3H	3.7	5.2	4.1	5.6	5.9	3.6	5.1	3.9	5.4	5.8
	4H	3.7	5.0	4.1	5.3	5.6	3.5	4.8	3.9	5.1	5.5
	6H	3.8	4.7	4.1	5.1	5.4	3.5	4.5	3.9	4.8	5.2
	8H	3.8	4.8	4.1	5.1	5.5	3.5	4.5	3.9	4.8	5.2
	12H	3.8	4.8	4.2	5.2	5.5	3.4	4.4	3.8	4.8	5.2
4H	2H	3.5	4.8	3.9	5.1	5.5	3.7	5.0	4.1	5.3	5.6
	3H	3.6	4.6	4.0	5.0	5.4	3.7	4.7	4.1	5.1	5.4
	4H	3.6	4.7	4.0	5.1	5.5	3.6	4.7	4.0	5.1	5.5
	6H	3.4	5.1	3.9	5.6	6.0	3.3	5.0	3.8	5.5	5.9
	8H	3.4	5.3	3.9	5.7	6.2	3.2	5.1	3.7	5.6	6.1
	12H	3.4	5.3	3.9	5.8	6.3	3.1	5.1	3.6	5.5	6.1
8H	4H	3.2	5.1	3.7	5.6	6.1	3.4	5.3	3.9	5.7	6.2
	6H	3.3	5.1	3.8	5.6	6.1	3.4	5.1	3.9	5.6	6.2
	8H	3.5	5.0	4.0	5.5	6.0	3.5	5.0	4.0	5.5	6.0
	12H	3.8	4.7	4.3	5.2	5.7	3.7	4.6	4.2	5.1	5.6
12H	4H	3.1	5.1	3.6	5.5	6.1	3.4	5.3	3.9	5.8	6.3
	6H	3.3	4.9	3.9	5.4	5.9	3.5	5.1	4.1	5.6	6.1
	8H	3.7	4.6	4.2	5.1	5.6	3.8	4.7	4.3	5.2	5.7
Variations with the observer position at spacing:											
S =	1.0H	3.9 / -3.9					3.9 / -3.9				
	1.5H	6.5 / -4.1					6.5 / -4.1				
	2.0H	8.5 / -4.2					8.5 / -4.2				