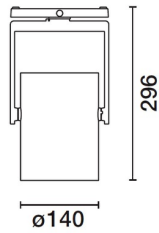


## Front Light

Design iGuzzini

iGuzzini

Last information update: May 2018



### pendant - Warm White - Medium Optic

**Product code**  
P097

#### 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 warm white colour tone (3000K). Medium 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

**Dimension (mm)**  
Ø140x296

**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

IP20 IP40 for optical assembly



#### Product configuration: P097

##### Product characteristics

Total lighting output [Lm]: 5282  
Total power [W]: 50.3  
Luminous efficacy [Lm/W]: 105  
Life Time: > 50,000h - L80 - B10 (Ta 25°C)

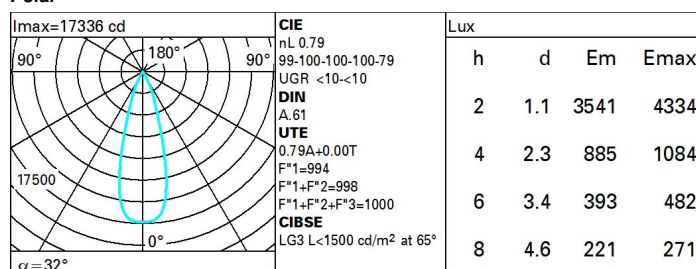
Total luminous flux at or above an angle of 90° [Lm]: 0  
Emergency luminous flux [Lm]: /  
Voltage [V]: -  
Number of optical assemblies: 1

##### 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 [°]: 32°

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

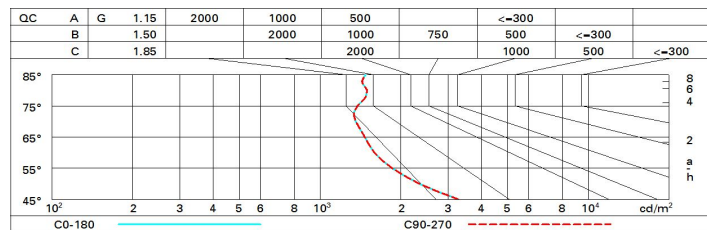
##### Polar



# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	67	65	63	67	64	64	62	78
1.0	74	71	68	67	70	68	68	65	83
1.5	78	75	73	72	74	73	72	70	88
2.0	80	78	77	76	77	76	75	73	93
2.5	82	80	79	78	79	78	77	75	96
3.0	83	82	81	80	81	80	79	77	98
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)																	
Riflect.: ceil/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	0.70	0.70	0.50	0.50	0.30	
						viewed crosswise							viewed endwise				
2H	2H	4.3	4.8	4.6	5.1	5.3	4.3	4.8	4.6	5.1	5.3	4.3	4.8	4.6	5.1	5.3	
	3H	4.5	5.0	4.8	5.2	5.5	4.3	4.8	4.6	5.0	5.3	4.3	4.8	4.6	5.0	5.3	
	4H	4.6	5.0	4.9	5.3	5.6	4.3	4.7	4.6	5.0	5.3	4.3	4.7	4.6	5.0	5.3	
	6H	4.7	5.1	5.1	5.4	5.8	4.2	4.6	4.6	4.9	5.3	4.2	4.6	4.6	4.9	5.3	
	8H	4.8	5.2	5.1	5.5	5.8	4.2	4.6	4.6	4.9	5.3	4.2	4.6	4.6	4.9	5.3	
	12H	4.8	5.2	5.2	5.5	5.9	4.2	4.5	4.5	4.9	5.2	4.2	4.5	4.5	4.9	5.2	
4H	2H	4.3	4.7	4.6	5.0	5.3	4.6	5.0	4.9	5.3	5.6	4.6	5.0	4.9	5.3	5.6	
	3H	4.5	4.9	4.9	5.3	5.6	4.7	5.1	5.1	5.4	5.7	4.7	5.1	5.1	5.4	5.7	
	4H	4.7	5.1	5.1	5.4	5.8	4.7	5.1	5.1	5.4	5.8	4.7	5.1	5.1	5.4	5.8	
	6H	5.0	5.3	5.4	5.7	6.1	4.8	5.0	5.2	5.4	5.9	4.8	5.0	5.2	5.4	5.9	
	8H	5.1	5.3	5.5	5.7	6.2	4.8	5.0	5.2	5.4	5.9	4.8	5.0	5.2	5.4	5.9	
	12H	5.1	5.4	5.6	5.8	6.3	4.7	5.0	5.2	5.4	5.9	4.7	5.0	5.2	5.4	5.9	
8H	4H	4.8	5.0	5.2	5.4	5.9	5.1	5.3	5.5	5.7	6.2	5.1	5.3	5.5	5.7	6.2	
	6H	5.1	5.3	5.6	5.8	6.2	5.2	5.4	5.7	5.9	6.3	5.2	5.4	5.7	5.9	6.3	
	8H	5.3	5.4	5.7	5.9	6.4	5.3	5.4	5.7	5.9	6.4	5.3	5.4	5.7	5.9	6.4	
	12H	5.4	5.6	5.9	6.0	6.6	5.3	5.5	5.8	5.9	6.5	5.3	5.5	5.8	5.9	6.5	
12H	4H	4.7	5.0	5.2	5.4	5.9	5.1	5.4	5.6	5.8	6.3	5.1	5.4	5.6	5.8	6.3	
	6H	5.1	5.3	5.6	5.8	6.3	5.3	5.5	5.8	6.0	6.5	5.3	5.5	5.8	6.0	6.5	
	8H	5.3	5.5	5.8	5.9	6.5	5.4	5.6	5.9	6.0	6.6	5.4	5.6	5.9	6.0	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									