

Front Light

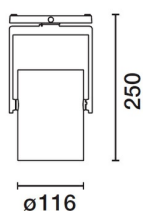
Design iGuzzini

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Last information update: May 2024

Product configuration: N277

N277: pendant - Warm White - Flood Optic



Product code

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Technical description

Pendant luminaire equipped with a three-phase adapter for electrified tracks or a base, 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 output C.O.B. technology LED lamp with monochrome emission in a warm white colour tone (3000K) CRI 90. Flood 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 or base

Colour

White (01) | Black (04)

Weight (Kg)

1.7

Mounting

three circuit track pendant|ceiling surface

Wiring

product complete with electronic components

Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	1690	CRI:	90
W system:	19.4	Colour temperature [K]:	3000
Im source:	2200	MacAdam Step:	2
W source:	17	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	87.1	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.) [%]:	77	Number of optical assemblies:	1
Beam angle [°]:	30°		

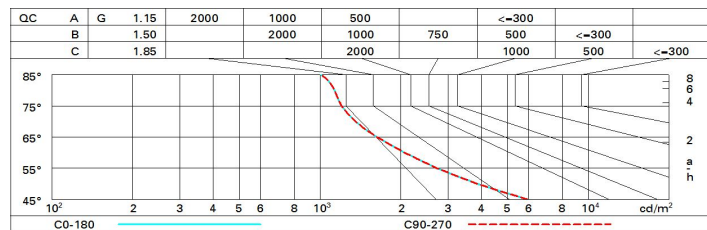
Polar

Imax=5156 cd		CIE		Lux			
90°	180°	nL 0.77		h	d	Em	E _{max}
		98-100-100-100-77		2	1.1	962	1289
		UGR <10-10		4	2.1	240	322
		DIN		6	3.2	107	143
		A.61		8	4.3	60	81
		UTE					
		0.77A+0.00T					
		F*1=982					
		F*1+F*2=996					
		F*1+F*2+F*3=999					
		CIBSE					
		LG3 L<3000 cd/m² at 65°					
		UGR<10 L<3000 cd/mq @ 65°					
α=30°							

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	69	65	63	61	64	62	62	59	77
1.0	72	69	66	64	68	66	65	63	82
1.5	76	73	71	70	72	71	70	67	88
2.0	78	76	75	74	75	74	73	71	92
2.5	80	78	77	76	77	76	75	73	95
3.0	81	80	79	78	78	78	77	75	97
4.0	81	81	80	80	79	79	78	76	99
5.0	82	82	81	81	80	80	79	77	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 2200 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
		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
2H	2H	9.4	9.9	9.6	10.2	10.4	9.4	9.9	9.6	10.2	10.4
	3H	9.4	9.9	9.7	10.2	10.4	9.3	9.8	9.6	10.1	10.4
	4H	9.4	9.9	9.7	10.2	10.5	9.3	9.7	9.6	10.0	10.3
	6H	9.4	9.8	9.7	10.1	10.5	9.2	9.6	9.5	10.0	10.3
	8H	9.4	9.8	9.7	10.1	10.5	9.2	9.6	9.5	9.9	10.3
	12H	9.3	9.8	9.7	10.1	10.4	9.1	9.5	9.5	9.9	10.2
4H	2H	9.3	9.7	9.6	10.0	10.3	9.4	9.9	9.7	10.2	10.5
	3H	9.3	9.7	9.7	10.1	10.4	9.4	9.8	9.7	10.1	10.5
	4H	9.3	9.7	9.7	10.1	10.5	9.3	9.7	9.7	10.1	10.5
	6H	9.4	9.7	9.8	10.1	10.5	9.3	9.6	9.7	10.0	10.4
	8H	9.4	9.7	9.8	10.1	10.5	9.3	9.6	9.7	10.0	10.4
	12H	9.4	9.6	9.8	10.1	10.5	9.2	9.5	9.7	9.9	10.4
8H	4H	9.3	9.6	9.7	10.0	10.4	9.4	9.7	9.8	10.1	10.5
	6H	9.3	9.6	9.8	10.0	10.5	9.4	9.6	9.8	10.1	10.5
	8H	9.4	9.6	9.8	10.0	10.5	9.4	9.6	9.8	10.0	10.5
	12H	9.4	9.6	9.9	10.0	10.6	9.3	9.5	9.8	10.0	10.5
12H	4H	9.2	9.5	9.7	9.9	10.4	9.4	9.6	9.8	10.1	10.5
	6H	9.3	9.5	9.8	10.0	10.5	9.4	9.6	9.9	10.0	10.5
	8H	9.3	9.5	9.8	10.0	10.5	9.4	9.6	9.9	10.0	10.6
Variations with the observer position at spacing:											
S =	1.0H	4.2 / -3.7					4.2 / -3.7				
	1.5H	6.8 / -4.6					6.8 / -4.6				
	2.0H	8.7 / -5.1					8.7 / -5.1				