Design RPBW Design

iGuzzini

Last information update: May 2018

spotlight- neutral white - 50° optic



Product code

P062

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). Mechanical aiming locks both for rotation about the vertical axis and tilting relative to the horizontal plane. Equipped with electronic ballast. Luminaire complete with C.O.B. technology LED unit in neutral white colour 4,000K. Option of installing a flat accessory that can be either an eliptical distribution refractor, a soft lens filter or a louver.



pendant on an electrified track or special base

Dimension (mm)

Ø92x200

White (01) | Black (04) | White/Chrome (E4)

Weight (Kg)

1.15

Mounting

three circuit track

Wiring

product complete with electronic components

Complies with EN60598-1 and pertinent regulations

IP20



for optical assembly











Product configuration: P062

Product characteristics

Total lighting output [Lm]: 1697 Total power [W]: 15.4

Luminous efficacy [Lm/W]: 110.3

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]: 13 Nominal luminous [Lm]: 2150 Lamp maximum intensity [cd]: / Beam angle [°]: 56°

Number of lamps for optical assembly: 1

Socket: /

Ballast losses [W]: 2.4 Colour temperature [K]: 4000

CRI: 80

Wavelength [Nm]: / MacAdam Step: 2

Polar

Imax=2181 cd	CIE	Lux			
90° 180° 90°	nL 0.79 98-100-100-100-79	h	d	Em	Emax
	UGR 17.7-17.7 DIN A.61 UTE	2	2.1	432	541
K V X	0.79A+0.00T F"1=975	4	4.3	108	135
2000	F"1+F"2=997 F"1+F"2+F"3=1000 CIBSE	6	6.4	48	60
α=56°	BZ1	8	8.5	27	34





Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	70	67	64	62	66	63	63	61	77
1.0	74	70	68	66	69	67	67	64	81
1.5	78	75	73	71	74	72	72	69	88
2.0	80	78	77	75	77	76	75	73	92
2.5	82	80	79	78	79	78	77	75	95
3.0	83	82	81	80	80	80	79	77	97
4.0	84	83	82	82	82	81	80	78	99
5.0	84	84	83	83	82	82	81	79	100

Luminance curve limit

C A	G	1.15	20	000		1	000		500			<=300			
В		1.50			П	2	000		1000	750		500	<	-300	
С		1.85							2000			1000		500	<=300
35°				_		_		-							1 8
75°			+	+	+	+	+	+		H			\perp		
5°				+			+		-						
i5°				+	+		+				1	-			
45° 10²		2	3	4	5	6	8	10 ³		2 3	4	5 6	8 1	10 ⁴	cd/m²
C0-1	80					_				C90-270					

Riflect ceil/car walls work p Room x 2H	pl.	0.70 0.50 0.20 18.2 18.1 18.0 18.0 17.9 17.9	18.8 18.6 18.5 18.4 18.4	0.50 0.50 0.20 viewed crosswist 18.5 18.4 18.4 18.3 18.3	19.1 18.9 18.8 18.7 18.7	0.30 0.30 0.20 19.3 19.2 19.1 19.1	0.70 0.50 0.20 18.2 18.1 18.0 17.9	0.70 0.30 0.20 18.8 18.6 18.5 18.4	0.50 0.50 0.20 viewed endwise 18.5 18.4 18.4 18.3	0.50 0.30 0.20 19.1 18.9 18.8 18.7	0.30 0.30 0.20 19.3 19.2 19.1
walls work p Room x 2H	pl. dim y 2H 3H 4H 6H 8H 12H	0.50 0.20 18.2 18.1 18.0 17.9 17.9	18.8 18.6 18.5 18.4 18.4 18.3	0.50 0.20 viewed crosswise 18.5 18.4 18.4 18.3 18.3	0.30 0.20 e 19.1 18.9 18.8 18.7 18.7	0.30 0.20 19.3 19.2 19.1 19.1	0.50 0.20 18.2 18.1 18.0 17.9	0.30 0.20 18.8 18.6 18.5	0.50 0.20 viewed endwise 18.5 18.4 18.4	0.30 0.20 19.1 18.9 18.8	0.30 0.20 19.3 19.2 19.1
work p Room x 2H	2H 3H 4H 6H 8H 12H	18.2 18.1 18.0 18.0 17.9	18.8 18.6 18.5 18.4 18.4 18.3	0.20 viewed crosswise 18.5 18.4 18.4 18.3 18.3	0.20 e 19.1 18.9 18.8 18.7 18.7	19.3 19.2 19.1 19.1	18.2 18.1 18.0 17.9	18.8 18.6 18.5	0.20 viewed endwise 18.5 18.4 18.4	19.1 18.9 18.8	19.3 19.3 19.3
Room x 2H 4H	2H 3H 4H 6H 8H 12H	18.2 18.1 18.0 18.0 17.9	18.8 18.6 18.5 18.4 18.4	18.5 18.4 18.3 18.3	19.1 18.9 18.8 18.7 18.7	19.3 19.2 19.1 19.1	18.2 18.1 18.0 17.9	18.8 18.6 18.5	18.5 18.4 18.4	19.1 18.9 18.8	19.0 19.1 19.1
2H 4H	y 2H 3H 4H 6H 8H 12H	18.1 18.0 18.0 17.9 17.9	18.8 18.6 18.5 18.4 18.4	18.5 18.4 18.4 18.3 18.3	19.1 18.9 18.8 18.7 18.7	19.2 19.1 19.1	18.1 18.0 17.9	18.6 18.5	18.5 18.4 18.4	19.1 18.9 18.8	19.1 19.
2H 4H	2H 3H 4H 6H 8H 12H	18.1 18.0 18.0 17.9 17.9	18.8 18.6 18.5 18.4 18.4	18.5 18.4 18.4 18.3 18.3	19.1 18.9 18.8 18.7 18.7	19.2 19.1 19.1	18.1 18.0 17.9	18.6 18.5	18.5 18.4 18.4	19.1 18.9 18.8	19.1 19.
4H	3H 4H 6H 8H 12H	18.1 18.0 18.0 17.9 17.9	18.6 18.5 18.4 18.4 18.3	18.4 18.4 18.3 18.3	18.9 18.8 18.7 18.7	19.2 19.1 19.1	18.1 18.0 17.9	18.6 18.5	18.4 18.4	18.9 18.8	19.2 19.
	4H 6H 8H 12H	18.0 18.0 17.9 17.9	18.5 18.4 18.4 18.3	18.4 18.3 18.3	18.8 18.7 18.7	19.1 19.1	18.0 17.9	18.5	18.4	18.8	19.
	6H 8H 12H	18.0 17.9 17.9	18.4 18.4 18.3	18.3 18.3	18.7 18.7	19.1	17.9				
	8H 12H 2H	17.9 17.9	18.4 18.3	18.3	18.7		1000	18.4	18.3	18 7	
	12H 2H	17.9	18.3			19.0					19.
	2H	17-30% 20 (WW)	17.2.2002.5	18.3		10.0	17.9	18.4	18.3	18.7	19.
		18.0	200		18.7	19.0	17.9	18.3	18.2	18.6	19.
	3H		18.5	18.4	18.8	19.1	18.0	18.5	18.4	18.8	19.
		17.9	18.3	18.3	18.7	19.0	17.9	18.3	18.3	18.7	19.0
	4H	17.8	18.2	18.2	18.6	18.9	17.8	18.2	18.2	18.6	18.9
	6H	17.7	18.1	18.2	18.5	18.9	17.7	18.1	18.2	18.5	18.9
011	HS	17.7	18.0	18.1	18.4	18.8	17.7	18.0	18.1	18.4	18.
011	12H	17.6	17.9	18.1	18.3	18.8	17.6	17.9	18.1	18.3	18.
HS	4H	17.7	18.0	18.1	18.4	18.8	17.7	18.0	18.1	18.4	18.
	6H	17.6	17.8	18.1	18.3	18.8	17.6	17.9	18.1	18.3	18.
	H8	17.5	17.8	18.0	18.2	18.7	17.5	17.8	18.0	18.2	18.
	12H	17.5	17.7	18.0	18.2	18.7	17.5	17.7	18.0	18.2	18.
12H	4H	17.6	17.9	18.1	18.3	18.8	17.6	17.9	18.1	18.3	18.
	6H	17.5	17.8	18.0	18.2	18.7	17.5	17.8	18.0	18.2	18.
	HS	17.5	17.7	18.0	18.2	18.7	17.5	17.7	18.0	18.2	18.
		th the ob	oserver p	osition	at spacin	ıg:					
	1.0H			6 / -11					.6 / -11		
	1.5H 2.0H		8.	4 / -13	1.1			8	.4 / -13	.1	