4ward

Design RPBW Design

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ø116

spotlight- warm white - 26° optic

Product code

P073

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 warm white colour 3000K. Option of installing a flat accessory that can be either an eliptical distribution refractor, a soft lens filter or a louver.

Installation

pendant on an electrified track or special base

Dimension (mm)

Ø116x234

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

Weight (Kg)

Mounting

three circuit track

Wiring

product complete with electronic components

Complies with EN60598-1 and pertinent regulations





for optical assembly











Product configuration: P073

Product characteristics

Total lighting output [Lm]: 2305 Total power [W]: 23.2

Life Time: > 50,000h - L80 - B10 (Ta 25°C)

Luminous efficacy [Lm/W]: 99.2

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.) [%]: 77

Lamp code: LED ZVEI Code: LED Nominal power [W]: 20 Nominal luminous [Lm]: 3000 Lamp maximum intensity [cd]: / Beam angle [°]: 30°

Number of lamps for optical assembly: 1

Socket: /

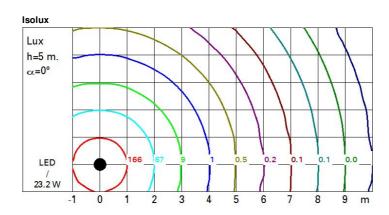
Ballast losses [W]: 3.2 Colour temperature [K]: 3000

CRI: 80

Wavelength [Nm]: / MacAdam Step: 2

Polar

Imax=7031 cd	Lux			
90° 180° 90°	h	d	Em	Emax
	2	1.1	1312	1758
	4	2.1	328	439
7500	6	3.2	146	195
α=30°	8	4.3	82	110



UGR diagram

Riflect. ceil/cavalls work p Room x 2H	pl.	0.70 0.50 0.20 10.4 10.5 10.5 10.4 10.4 10.4	0.70 0.30 0.20 11.0 11.0 10.9 10.9 10.8	0.50 0.50 0.20 viewed crosswis 10.7 10.8 10.8 10.8		0.30 0.30 0.20 11.5 11.5 11.5 11.5	0.70 0.50 0.20 10.4 10.4 10.3 10.3	11.0 10.9 10.8 10.7	0.50 0.50 0.20 viewed endwise 10.7 10.7 10.7	0.50 0.30 0.20 11.2 11.1 11.0	0.30 0.30 0.20 11.5 11.4 11.4
walls work p Room x 2H	pl. dim y 2H 3H 4H 6H 8H 12H	10.4 10.5 10.5 10.5 10.4 10.4 10.4	0.30 0.20 11.0 11.0 10.9 10.9 10.9	0.50 0.20 viewed crosswis 10.7 10.8 10.8 10.8	0.30 0.20 e 11.2 11.2 11.2 11.2 11.2	0.30 0.20 11.5 11.5 11.5 11.5	0.50 0.20 10.4 10.4 10.3 10.3	0.30 0.20 11.0 10.9 10.8 10.7	0.50 0.20 viewed endwise 10.7 10.7 10.7	0.30 0.20 11.2 11.2 11.1	0.30 0.20 11.5 11.4
work p Room x 2H	2H 3H 4H 6H 8H 12H	10.4 10.5 10.5 10.4 10.4 10.4	11.0 11.0 10.9 10.9 10.9	0.20 viewed crosswis 10.7 10.8 10.8 10.8	0.20 e 11.2 11.2 11.2 11.2 11.2	0.20 11.5 11.5 11.5 11.5	10.4 10.4 10.3 10.3	11.0 10.9 10.8 10.7	0.20 viewed endwise 10.7 10.7 10.7	11.2 11.2 11.1	11.5 11.4
Room X 2H	2H 3H 4H 6H 8H 12H	10.4 10.5 10.5 10.4 10.4 10.4	11.0 11.0 10.9 10.9 10.9	10.7 10.8 10.8 10.8 10.8	11.2 11.2 11.2 11.2 11.2	11.5 11.5 11.5 11.5 11.5	10.4 10.4 10.3 10.3	11.0 10.9 10.8 10.7	10.7 10.7 10.7 10.7 10.6	11.2 11.2 11.1	11.5 11.4 11.4
x 2H	y 2H 3H 4H 6H 8H 12H	10.5 10.5 10.4 10.4 10.4	11.0 11.0 10.9 10.9 10.9 10.8	10.7 10.8 10.8 10.8 10.8	11.2 11.2 11.2 11.2 11.2	11.5 11.5 11.5 11.5	10.4 10.3 10.3	11.0 10.9 10.8 10.7	10.7 10.7 10.7 10.7 10.6	11.2 11.2 11.1	11. 11.
2H	2H 3H 4H 6H 8H 12H	10.5 10.5 10.4 10.4 10.4	11.0 11.0 10.9 10.9 10.9 10.8	10.7 10.8 10.8 10.8 10.8	11.2 11.2 11.2 11.2 11.2	11.5 11.5 11.5 11.5	10.4 10.3 10.3	11.0 10.9 10.8 10.7	10.7 10.7 10.7 10.6	11.2 11.2 11.1	11. 11.
200	3H 4H 6H 8H 12H	10.5 10.5 10.4 10.4 10.4	11.0 10.9 10.9 10.9 10.8	10.8 10.8 10.8 10.8	11.2 11.2 11.2 11.2	11.5 11.5 11.5 11.5	10.4 10.3 10.3	10.9 10.8 10.7	10.7 10.7 10.6	11.2 11.1	11. 11.
4Н	4H 6H 8H 12H	10.5 10.4 10.4 10.4	10.9 10.9 10.9 10.8	10.8 10.8 10.8	11.2 11.2 11.2	11.5 11.5 11.5	10.3 10.3	10.8 10.7	10.7 10.6	11.1	11.
4H	6H 8H 12H	10.4 10.4 10.4 10.3	10.9 10.9 10.8	10.8 10.8	11.2 11.2	11.5 11.5	10.3	10.7	10.6		
4H	8H 12H 2H	10.4 10.4 10.3	10.9 10.8	10.8	11.2	11.5	0.00			11.0	11.
4 H	12H 2H	10.4	10.8				10.2	407			
4H	2H	10.3	10000000000000000000000000000000000000	10.8	11.2			10.7	10.6	11.0	11.3
4H			10.8		1000000	11.5	10.2	10.6	10.6	11.0	11.3
	3H			10.7	11.1	11.4	10.5	10.9	10.8	11.2	11.5
		10.4	10.8	10.8	11.2	11.5	10.5	10.9	10.8	11.2	11.0
	4H	10.4	10.8	10.8	11.2	11.5	10.4	10.8	10.8	11.2	11.5
	6H	10.5	10.8	10.9	11.2	11.6	10.4	10.7	10.8	11.1	11.5
	HS	10.5	10.7	10.9	11.2	11.6	10.4	10.7	8.01	11.1	11.5
	12H	10.4	10.7	10.9	11.1	11.6	10.3	10.6	8.01	11.0	11.5
нз	4H	10.4	10.7	10.8	11.1	11.5	10.5	10.7	10.9	11.2	11.6
	6H	10.4	10.7	10.9	11.1	11.6	10.5	10.7	10.9	11.1	11.0
	HS	10.4	10.6	10.9	11.1	11.6	10.4	10.6	10.9	11.1	11.0
	12H	10.5	10.6	11.0	11.1	11.6	10.4	10.6	10.9	11.1	11.0
12H	4H	10.3	10.6	10.8	11.0	11.5	10.4	10.7	10.9	11.1	11.0
	6H	10.4	10.6	10.9	11.1	11.6	10.5	10.7	10.9	11.1	11.0
	HS	10.4	10.6	10.9	11.1	11.6	10.5	10.6	11.0	11.1	11.6
Variati	ions wi	th the ob	oserverp	noitieo	at spacin	ıg:					
5 =	1.0H		4	.2 / -3	.7				.2 / -3.		
	1.5H		6	.8 / -4	.6			6	.8 / -4.	6	