4ward

Design RPBW Design

iGuzzini

Last information update: May 2018



spotlight- warm white - 26° optic

Product code

P046

Technical description

Adjustable spotlight with adapter for installation on a mains voltage track. Die-cast aluminium optical assembly and brackets, the back of the product is slightly rounded and made of a thermoplastic material. Spotlight double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. 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.



on an electrified track or special base

Dimension (mm)

Ø116x216

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: P046

Product characteristics

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

Luminous efficacy [Lm/W]: 99.2

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.) [%]: 77

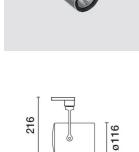
Lamp code: LED ZVEI Code: LED Nominal power [W]: 20 Nominal luminous [Lm]: 3000 Lamp maximum intensity [cd]: / Beam angle [°]: 30°

Number of lamps for optical assembly: 1

Socket: /

Ballast losses [W]: 3.2 Colour temperature [K]: 3000 CRI: 80

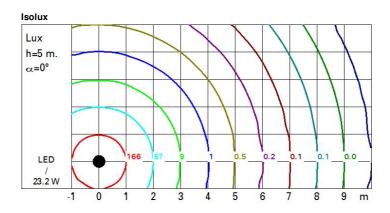
Wavelength [Nm]: / MacAdam Step: 2



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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	