4ward

Design RPBW Design **iGuzzini**

Last information update: May 2024

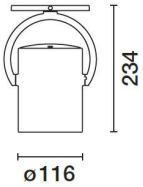
Product configuration: P076
P076: spotlight - warm white 26° optic

Product code
P076: spotlight - warm white 26° optic **Attention! Code no longer in production**

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 CRI90. 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

Colour	**Weight (Kg)**
White (01) | Black (04) | White / Chrome (E4)	1.7



Mounting
three circuit track

Wiring
product complete with electronic components

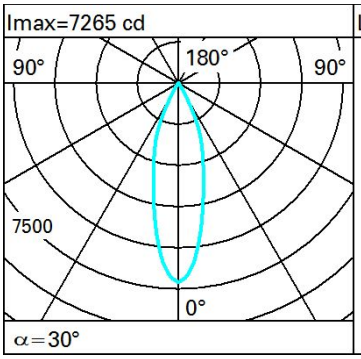
Complies with EN60598-1 and pertinent regulations

IP20 IP40 for optical assembly

Technical data

lm system:	2382	CRI:	90
W system:	30.2	Colour temperature [K]:	3000
lm source:	3100	MacAdam Step:	2
W source:	27	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	78.9	Lamp code:	LED
lm 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°		

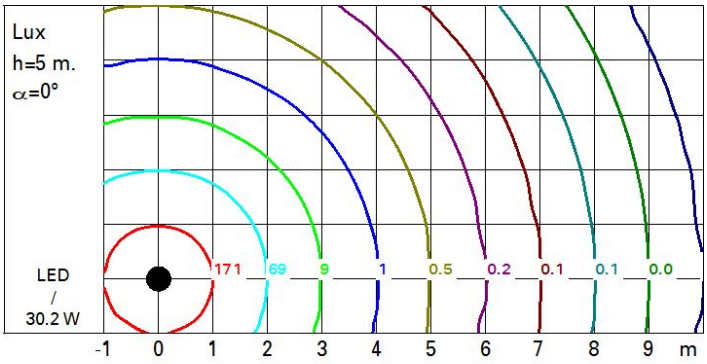
Polar



Lux

h	d	Em	Emax
2	1.1	1356	1816
4	2.1	339	454
6	3.2	151	202
8	4.3	85	114

Isolux



UGR diagram

Corrected UGR values (at 3100 lm bare lamp luminous flux)

Riflect.: ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim				viewed crosswise					viewed endwise		
x	y										
2H	2H	10.5	11.1	10.8	11.4	11.6	10.5	11.1	10.8	11.4	11.6
	3H	10.6	11.1	10.9	11.4	11.6	10.5	11.0	10.8	11.3	11.6
	4H	10.6	11.1	10.9	11.3	11.6	10.5	10.9	10.8	11.2	11.5
	6H	10.6	11.0	10.9	11.3	11.6	10.4	10.8	10.7	11.1	11.5
	8H	10.6	11.0	10.9	11.3	11.6	10.4	10.8	10.7	11.1	11.4
	12H	10.5	11.0	10.9	11.3	11.6	10.3	10.7	10.7	11.1	11.4
4H	2H	10.5	10.9	10.8	11.2	11.5	10.6	11.1	10.9	11.3	11.6
	3H	10.5	10.9	10.9	11.3	11.6	10.6	11.0	10.9	11.3	11.7
	4H	10.5	10.9	10.9	11.3	11.7	10.5	10.9	10.9	11.3	11.7
	6H	10.6	10.9	11.0	11.3	11.7	10.5	10.8	10.9	11.2	11.6
	8H	10.6	10.9	11.0	11.3	11.7	10.5	10.8	10.9	11.2	11.6
	12H	10.6	10.8	11.0	11.3	11.7	10.4	10.7	10.9	11.1	11.6
8H	4H	10.5	10.8	10.9	11.2	11.6	10.6	10.9	11.0	11.3	11.7
	6H	10.5	10.8	11.0	11.2	11.7	10.6	10.8	11.0	11.3	11.7
	8H	10.6	10.8	11.0	11.2	11.7	10.6	10.8	11.0	11.2	11.7
	12H	10.6	10.7	11.1	11.2	11.7	10.5	10.7	11.0	11.2	11.7
12H	4H	10.4	10.7	10.9	11.1	11.6	10.6	10.8	11.0	11.3	11.7
	6H	10.5	10.7	11.0	11.2	11.7	10.6	10.8	11.0	11.2	11.7
	8H	10.5	10.7	11.0	11.2	11.7	10.6	10.7	11.1	11.2	11.7

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