4ward

Design RPBW Design **iGuzzini**

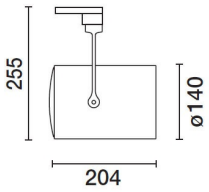
Last information update: May 2024

Product configuration: P056
P056: spotlight- warm white - 46° optic

Product code
P056: spotlight- warm white - 46° optic **Attention! Code no longer in production**

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.

Installation
on an electrified track or special base



Colour	**Weight (Kg)**
White (01) | Black (04) | White / Chrome (E4)	1.74

Mounting
three circuit track

Wiring
product complete with electronic components

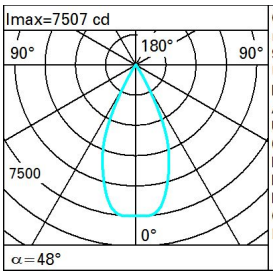
Complies with EN60598-1 and pertinent regulations

IP20 IP40 for optical assembly

Technical data

lm system:	4024.4	CRI:	80
W system:	35.5	Colour temperature [K]:	3000
lm source:	5100	MacAdam Step:	2
W source:	32	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	113.4	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.) [%]:	79	Number of optical assemblies:	1
Beam angle [°]:	48°		

Polar



CIE
nL 0.79
98-100-100-100-79
UGR 10.6-10.5
DIN
A.61
UTE
0.79A+0.00T
F"1=984
F"1+F"2=996
F"1+F"2+F"3=999
CIBSE
BZ1

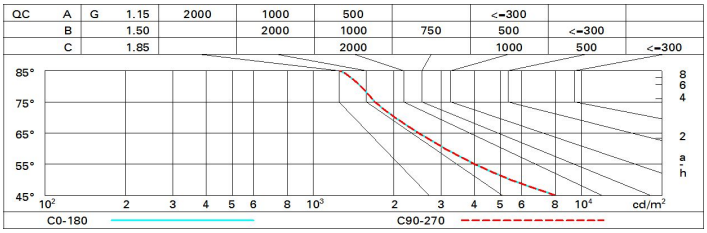
Lux

h	d	Em	Emax
2	1.8	1455	1870
4	3.6	364	468
6	5.3	162	208
8	7.1	91	117

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	67	64	62	66	64	64	61	77
1.0	74	71	68	66	70	68	67	65	82
1.5	78	75	73	72	74	72	72	69	88
2.0	80	78	77	76	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



UGR diagram

Corrected UGR values (at 5100 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	10.6	11.2	10.9	11.5	11.7	10.6	11.2	10.9	11.5	11.7
	3H	10.7	11.2	11.0	11.5	11.8	10.6	11.1	10.9	11.4	11.7
	4H	10.7	11.2	11.0	11.5	11.8	10.5	11.0	10.9	11.3	11.6
	6H	10.6	11.1	11.0	11.4	11.7	10.5	10.9	10.8	11.3	11.6
	8H	10.6	11.1	11.0	11.4	11.7	10.4	10.9	10.8	11.2	11.6
	12H	10.6	11.0	11.0	11.4	11.7	10.4	10.8	10.8	11.2	11.5
4H	2H	10.5	11.0	10.9	11.3	11.6	10.7	11.2	11.0	11.5	11.8
	3H	10.6	11.0	11.0	11.4	11.7	10.6	11.1	11.0	11.4	11.8
	4H	10.6	11.0	11.0	11.4	11.7	10.6	11.0	11.0	11.4	11.7
	6H	10.6	11.0	11.0	11.4	11.8	10.6	10.9	11.0	11.3	11.7
	8H	10.6	10.9	11.1	11.3	11.8	10.5	10.8	11.0	11.3	11.7
	12H	10.6	10.9	11.0	11.3	11.8	10.5	10.8	11.0	11.2	11.7
8H	4H	10.5	10.8	11.0	11.3	11.7	10.6	10.9	11.1	11.3	11.8
	6H	10.6	10.8	11.0	11.3	11.8	10.6	10.9	11.1	11.3	11.8
	8H	10.6	10.8	11.1	11.3	11.8	10.6	10.8	11.1	11.3	11.8
	12H	10.6	10.8	11.1	11.2	11.8	10.6	10.7	11.1	11.2	11.7
12H	4H	10.5	10.8	11.0	11.2	11.7	10.6	10.9	11.0	11.3	11.8
	6H	10.5	10.8	11.0	11.2	11.7	10.6	10.8	11.1	11.3	11.8
	8H	10.6	10.7	11.1	11.2	11.7	10.6	10.8	11.1	11.2	11.8

Variations with the observer position at spacing:

S =			
	1.0H	4.7 / -3.9	4.7 / -3.9
	1.5H	7.4 / -4.8	7.4 / -4.8
	2.0H	9.3 / -5.4	9.3 / -5.4