

Zoom

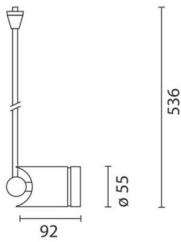
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iGuzzini

Last information update: October 2020

Product configuration: 6316+L080

6316: Spotlight with straight rod L.500 50 W 12 V QR CBC 51



Product code

6316: Spotlight with straight rod L.500 50 W 12 V QR CBC 51 **Attention! Code no longer in production**

Technical description

Floodlight made up of a diecast aluminium cylinder containing the ceramic lampholder for dichroic lamps. The fitting comes standard with the articulated system covered by iGuzzini patent which allows the lamp to be positioned through 360° vertically and 140° horizontally, while ensuring power supply to the light source. The aluminium rod allows for mechanical and electrical connection to the track by means of a special adapter.

Installation

Application to electrified track by adaptor, to false ceiling by plate with polycarbonate springs (cod.6092) or base with built-in transformer (cod.6091).

Colour

White (01) | Grey (15)

Mounting

Iv track pendant

Notes

For the photometric data of the fitting refer to the photometric data of the light sources used.

Complies with EN60598-1 and pertinent regulations



850°C

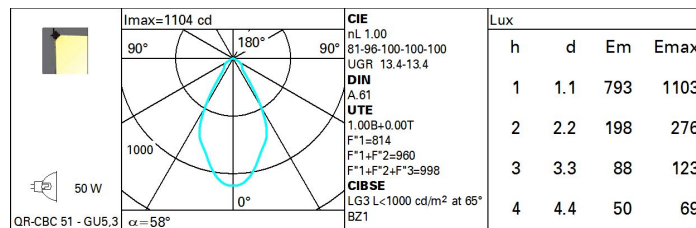
IP20



Technical data

Im system:	1027	CRI:	100
W system:	50	Colour temperature [K]:	3000
Im source:	1027	Lamp maximum intensity	1100
W source:	50	[cd]:	
Luminous efficiency (lm/W, 20,5 real value):		Ballast losses [W]:	0
Im in emergency mode:	-	Lamp code:	L080
Total light flux at or above an angle of 90° [Lm]:	0	Socket:	GU5,3
Light Output Ratio (L.O.R.) [%]:	100	Number of lamps for optical assembly:	1
Beam angle [°]:	58°	ZVEI Code:	QR-CBC 51
		Number of optical assemblies:	1

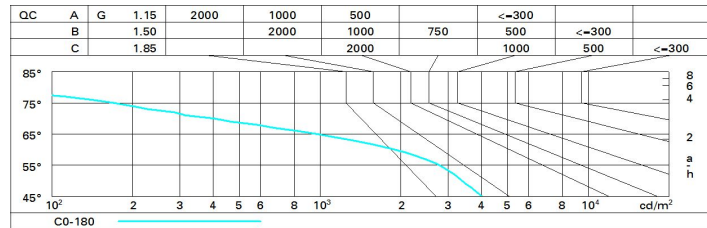
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	82	75	70	67	74	70	69	65	65
1.0	87	81	76	73	80	76	75	71	71
1.5	94	89	86	83	88	85	84	80	80
2.0	98	95	92	89	93	90	89	86	86
2.5	101	98	95	93	96	94	93	89	89
3.0	102	100	98	96	98	97	95	92	92
4.0	104	102	101	99	100	99	98	95	95
5.0	105	104	102	101	102	101	99	96	96

Luminance curve limit



UGR diagram

Photometric curve code: L0800000.080											
Uncorrected UGR values (at 1000 lm bare lamp luminous flux)											
Reflect.:											
ceiling	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											
x											
y											
2H	2H	13.4	14.2	13.7	14.5	14.7	13.4	14.2	13.7	14.5	14.7
	3H	13.5	14.2	13.8	14.5	14.8	13.5	14.2	13.8	14.5	14.8
	4H	13.4	14.1	13.7	14.4	14.7	13.5	14.1	13.8	14.4	14.8
	6H	13.3	13.9	13.7	14.3	14.6	13.4	14.0	13.8	14.3	14.7
	8H	13.3	13.9	13.7	14.2	14.6	13.4	14.0	13.7	14.3	14.6
	12H	13.3	13.8	13.6	14.2	14.5	13.3	13.9	13.7	14.2	14.6
4H	2H	13.5	14.1	13.8	14.4	14.8	13.4	14.1	13.7	14.4	14.7
	3H	13.5	14.1	13.9	14.5	14.8	13.5	14.1	13.9	14.4	14.8
	4H	13.5	14.0	13.9	14.3	14.7	13.5	14.0	13.9	14.3	14.7
	6H	13.4	13.8	13.8	14.2	14.7	13.4	13.8	13.8	14.2	14.7
	8H	13.4	13.8	13.8	14.2	14.6	13.4	13.8	13.8	14.2	14.6
	12H	13.3	13.7	13.8	14.1	14.6	13.3	13.7	13.8	14.1	14.6
8H	4H	13.4	13.8	13.8	14.2	14.6	13.4	13.8	13.8	14.2	14.6
	6H	13.3	13.6	13.8	14.1	14.5	13.3	13.6	13.8	14.1	14.5
	8H	13.2	13.5	13.7	14.0	14.5	13.2	13.5	13.7	14.0	14.5
	12H	13.2	13.4	13.7	13.9	14.4	13.2	13.4	13.7	13.9	14.4
12H	4H	13.3	13.7	13.8	14.1	14.6	13.3	13.7	13.8	14.1	14.6
	6H	13.2	13.5	13.7	14.0	14.5	13.2	13.5	13.7	14.0	14.5
	8H	13.2	13.4	13.7	13.9	14.4	13.2	13.4	13.7	13.9	14.4
Variations with the observer position at spacing:											
S =	1.0H		2.5	/	-1.2		2.5	/	-1.2		
	1.5H		4.4	/	-3.4		4.4	/	-3.4		
	2.0H		6.2	/	-7.4		6.2	/	-7.4		