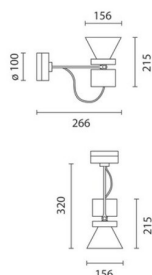


Le Perroquet

Design Renzo Piano

iGuzzini

Last information update: June 2018



Medium body spotlight - warm white - electronic ballast and dimmer - medium optic

Product code

MR07

Technical description

Spotlight made of die-cast aluminium and thermoplastic material. The luminaire can be rotated by 340° about the vertical axis and tilted by +/- 100° in relation to the horizontal plane. Hi-precision beam aiming is guaranteed by screw-operated mechanical locks, graduated scales and friction controls. The spotlight is equipped with a die-cast aluminium ballast unit for wall or ceiling mounting. Luminaire for high output LED lamp with monochrome emission in a warm white colour tone (3000K). Dimmable electronic ballast. Equipped with an accessory holding ring designed to contain a flat accessory. Another external component can also be applied, selected from directional flaps and an asymmetric screen. All external accessories rotate 360° about the spotlight longitudinal axis.

Installation

Wall or ceiling-mounted.

Dimension (mm)

Ø156x215

Colour

White (01) | Grey (15)

Weight (Kg)

0.9

Mounting

wall arm|wall surface|ceiling surface

Wiring

The dimmable electronic components are housed in the luminaire.

Complies with EN60598-1 and pertinent regulations



Product configuration: MR07

Product characteristics

Total lighting output [Lm]: 2565
Total power [W]: 31
Luminous efficacy [Lm/W]: 82.7
Life Time: 50,000h - L80 - B10 (Ta 25°C)

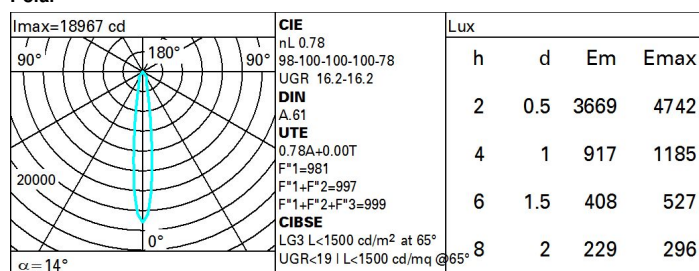
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 78
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 29
Nominal luminous [Lm]: 3300
Lamp maximum intensity [cd]: /
Beam angle [°]: 14°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 2
Colour temperature [K]: 3000
CRI: 90
Wavelength [Nm]: /
MacAdam Step: 2

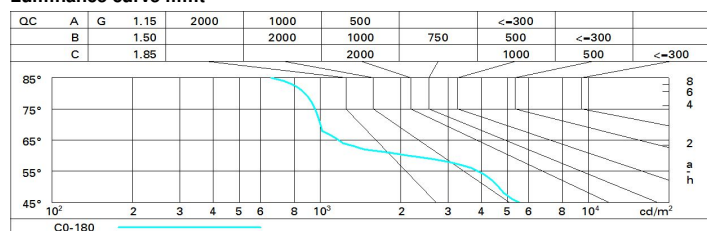
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	70	66	63	61	65	63	62	60	77
1.0	73	69	67	65	69	66	66	64	82
1.5	77	74	72	70	73	71	71	68	88
2.0	79	77	76	74	76	75	74	72	92
2.5	80	79	78	77	78	77	76	74	95
3.0	81	81	80	79	79	79	77	76	97
4.0	82	82	81	81	80	80	79	77	99
5.0	83	82	82	82	81	81	79	78	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 3300 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling/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	17.0	18.8	17.4	19.1	19.4	17.0	18.8	17.4	19.1	19.4
	3H	10.9	18.1	17.3	18.4	18.7	10.9	18.1	17.3	18.4	18.7
	4H	10.8	17.9	17.2	18.2	18.5	10.8	17.9	17.2	18.2	18.5
	6H	10.7	17.7	17.1	18.1	18.4	10.7	17.7	17.1	18.1	18.4
	8H	10.7	17.7	17.1	18.1	18.4	10.7	17.7	17.1	18.1	18.4
	12H	10.6	17.7	17.0	18.0	18.4	10.6	17.7	17.0	18.0	18.4
4H	2H	10.8	17.9	17.2	18.2	18.5	10.8	17.9	17.2	18.2	18.5
	3H	10.6	17.7	17.0	18.0	18.4	10.6	17.7	17.0	18.0	18.4
	4H	10.5	17.6	16.9	18.0	18.4	10.5	17.6	16.9	18.0	18.4
	6H	10.3	17.7	16.7	18.1	18.6	10.3	17.7	16.7	18.1	18.6
	8H	10.2	17.7	16.6	18.2	18.6	10.2	17.7	16.6	18.1	18.6
	12H	10.0	17.7	16.5	18.2	18.7	10.0	17.7	16.5	18.2	18.7
8H	4H	10.2	17.7	16.6	18.1	18.6	10.2	17.7	16.6	18.2	18.6
	6H	10.0	17.5	16.5	18.0	18.5	10.0	17.5	16.6	18.0	18.5
	8H	10.1	17.3	16.6	17.8	18.3	10.1	17.3	16.6	17.8	18.3
	12H	10.2	17.0	16.7	17.5	18.0	10.2	17.0	16.7	17.5	18.0
12H	4H	10.0	17.7	16.5	18.2	18.7	10.0	17.7	16.5	18.2	18.7
	6H	10.1	17.3	16.6	17.8	18.3	10.1	17.3	16.6	17.8	18.3
	8H	10.2	17.0	16.7	17.5	18.0	10.2	17.0	16.7	17.5	18.0
Variations with the observer position at spacing:											
S =		1.0H	5.6 / -10.6				5.6 / -10.6				
		1.5H	8.4 / -13.6				8.4 / -13.6				
		2.0H	10.4 / -14.2				10.4 / -14.2				