Le Perroquet

Design Piano Design **iGuzzini**

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Product configuration: MP75
MP75: Medium body spotlight - warm white - electronic ballast and dimmer - wide flood optic

Product code
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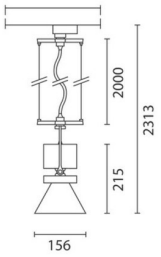
Technical description
Pendant luminaire equipped with a ballast unit made of die-cast aluminium and thermoplastic material. The pendant system consists of steel cables L=2000 that provide a simple mechanical anchoring system. Having been rotated and tilted, the luminaire can be locked mechanically in position to ensure efficient light aiming (even during maintenance operations). 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
Ceiling-mounted using the ballast unit included.



Colour
Grey (15)

Mounting
ceiling pendant

Wiring
The dimmable electronic components are housed in the luminaire.

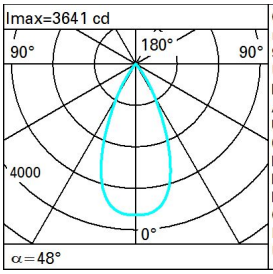
Complies with EN60598-1 and pertinent regulations

850°C IP20 IP40 for optical assembly pending

Technical data

lm system:	2188	CRI (minimum):	80
W system:	24	Colour temperature [K]:	3000
lm source:	3000	MacAdam Step:	3
W source:	21	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	91.2	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.) [%]:	73	Number of optical assemblies:	1
Beam angle [°]:	48°		

Polar



CIE
nL 0.73
99-100-100-100-73
UGR 14.0-14.0
DIN
A.61
UTE
0.73A+0.00T
F"1=989
F"1+F"2=998
F"1+F"2+F"3=1000
CIBSE
LG3 L<1500 cd/m² at 65°
UGR<16 I L<1500 cd/mq @65°

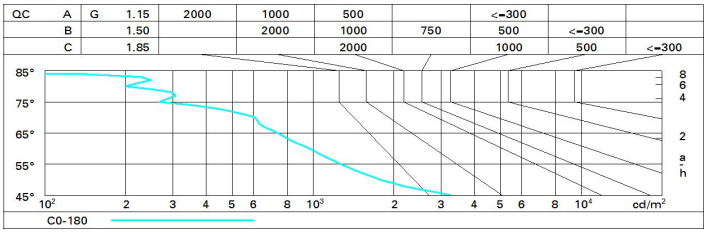
Lux

h	d	Em	Emax
2	1.8	715	910
4	3.6	179	228
6	5.3	79	101
8	7.1	45	57

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	66	62	60	58	62	59	59	57	78
1.0	68	65	63	61	65	63	62	60	82
1.5	72	70	68	66	69	67	66	64	88
2.0	74	73	71	70	71	70	70	68	93
2.5	76	74	73	72	73	72	72	70	95
3.0	77	76	75	74	74	74	73	71	97
4.0	77	77	76	76	76	75	74	72	99
5.0	78	77	77	77	76	76	75	73	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 3000 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	14.5	15.1	14.8	15.3	15.5	14.5	15.1	14.8	15.3	15.5
	3H	14.4	14.9	14.7	15.2	15.4	14.4	14.9	14.7	15.2	15.4
	4H	14.3	14.8	14.7	15.1	15.4	14.3	14.8	14.7	15.1	15.4
	6H	14.3	14.7	14.6	15.0	15.3	14.2	14.7	14.6	15.0	15.3
	8H	14.2	14.6	14.6	15.0	15.3	14.2	14.6	14.6	15.0	15.3
	12H	14.2	14.6	14.6	14.9	15.3	14.2	14.6	14.5	14.9	15.3
4H	2H	14.3	14.8	14.7	15.1	15.4	14.3	14.8	14.7	15.1	15.4
	3H	14.2	14.6	14.6	14.9	15.3	14.2	14.6	14.6	14.9	15.3
	4H	14.1	14.4	14.5	14.8	15.2	14.1	14.4	14.5	14.8	15.2
	6H	14.0	14.3	14.4	14.7	15.1	14.0	14.3	14.4	14.7	15.1
	8H	14.0	14.2	14.4	14.7	15.1	14.0	14.2	14.4	14.7	15.1
	12H	13.9	14.2	14.4	14.6	15.1	13.9	14.2	14.4	14.6	15.1
8H	4H	14.0	14.2	14.4	14.7	15.1	14.0	14.2	14.4	14.7	15.1
	6H	13.9	14.1	14.3	14.5	15.0	13.9	14.1	14.3	14.5	15.0
	8H	13.8	14.0	14.3	14.5	15.0	13.8	14.0	14.3	14.5	15.0
	12H	13.8	13.9	14.3	14.4	14.9	13.8	13.9	14.3	14.4	14.9
12H	4H	13.9	14.2	14.4	14.6	15.1	13.9	14.2	14.4	14.6	15.1
	6H	13.8	14.0	14.3	14.5	15.0	13.8	14.0	14.3	14.5	15.0
	8H	13.8	13.9	14.3	14.4	14.9	13.8	13.9	14.3	14.4	14.9

Variations with the observer position at spacing:

S =			
	1.0H	6.1 / -14.2	6.1 / -14.2
	1.5H	8.9 / -15.7	8.9 / -15.7
	2.0H	10.9 / -16.4	10.9 / -16.4