Le Perroquet

Design Piano Design **iGuzzini**

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Product configuration: MU03
MU03: Large body spotlight - warm white - electronic ballast - wide flood optic

Product code
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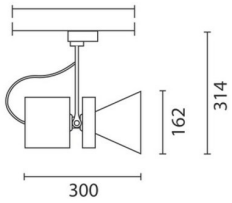
Technical description
Adjustable spotlight with adapter for installation on mains electrified track for high output LED lamp with monochrome emission in a warm white (3000K) colour. Electronic ballast. The luminaire is made of die-cast aluminium and thermoplastic material, and allows 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. The luminaire has mechanical aiming locks and graduated scales for both movements, operated using the same tool on two screws, one on the optic compartment and one on the adapter for the track. Spotlight equipped with 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
On an electrified track



Colour
White (01) | Grey / Black (74)

Mounting
three circuit track

Wiring
The electronic components are housed in the luminaire.

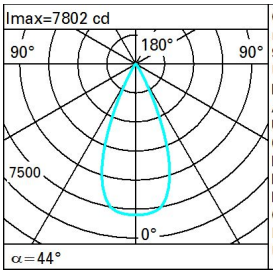
Complies with EN60598-1 and pertinent regulations

850°C IP20 IP40 for optical assembly pending

Technical data

lm system:	3922	CRI (minimum):	80
W system:	42	Colour temperature [K]:	3000
lm source:	5100	MacAdam Step:	3
W source:	38	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	93.4	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.) [%]:	77	Number of optical assemblies:	1
Beam angle [°]:	44°		

Polar



CIE
nL 0.77
99-100-100-100-77
UGR <10-<10
DIN
A.61
UTE
0.77A+0.00T
F"1=988
F"1+F"2=999
F"1+F"2+F"3=1000
CIBSE
LG3 L<1500 cd/m² at 65°
UGR<10 | L<1500 cd/mq @65°

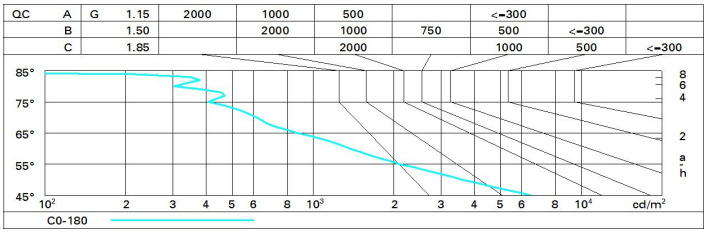
Lux

h	d	Em	Emax
2	1.6	1587	1950
4	3.2	397	488
6	4.8	176	217
8	6.5	99	122

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	69	65	63	61	65	63	62	60	78
1.0	72	69	67	65	68	66	66	63	82
1.5	76	73	71	70	72	71	70	68	88
2.0	78	76	75	74	75	74	73	71	93
2.5	80	78	77	76	77	76	75	73	95
3.0	81	80	79	78	78	78	77	75	97
4.0	82	81	80	80	80	79	78	76	99
5.0	82	82	81	81	80	80	79	77	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	10.4	11.0	10.7	11.2	11.5	10.4	11.0	10.7	11.2	11.5
	3H	10.3	10.8	10.6	11.1	11.4	10.3	10.8	10.6	11.1	11.4
	4H	10.2	10.7	10.5	11.0	11.3	10.2	10.7	10.5	11.0	11.3
	6H	10.1	10.6	10.5	10.9	11.2	10.1	10.6	10.5	10.9	11.2
	8H	10.1	10.5	10.5	10.9	11.2	10.1	10.5	10.5	10.9	11.2
	12H	10.1	10.5	10.4	10.8	11.2	10.1	10.5	10.4	10.8	11.2
4H	2H	10.2	10.7	10.5	11.0	11.3	10.2	10.7	10.5	11.0	11.3
	3H	10.1	10.5	10.5	10.8	11.2	10.1	10.5	10.5	10.8	11.2
	4H	10.0	10.4	10.4	10.7	11.1	10.0	10.4	10.4	10.7	11.1
	6H	9.9	10.3	10.4	10.6	11.1	9.9	10.2	10.3	10.6	11.1
	8H	9.9	10.2	10.3	10.6	11.0	9.9	10.2	10.3	10.6	11.0
	12H	9.8	10.1	10.3	10.5	11.0	9.8	10.1	10.3	10.5	11.0
8H	4H	9.9	10.2	10.3	10.6	11.0	9.9	10.2	10.3	10.6	11.0
	6H	9.8	10.0	10.3	10.5	11.0	9.8	10.0	10.3	10.5	11.0
	8H	9.7	10.0	10.2	10.4	10.9	9.7	10.0	10.2	10.4	10.9
	12H	9.7	9.9	10.2	10.4	10.9	9.7	9.9	10.2	10.4	10.9
12H	4H	9.8	10.1	10.3	10.5	11.0	9.8	10.1	10.3	10.5	11.0
	6H	9.7	10.0	10.2	10.4	10.9	9.7	10.0	10.2	10.4	10.9
	8H	9.7	9.9	10.2	10.4	10.9	9.7	9.9	10.2	10.4	10.9

Variations with the observer position at spacing:

S =			
	1.0H	5.4 / -8.9	5.4 / -8.9
	1.5H	8.1 / -11.2	8.1 / -11.2
	2.0H	10.1 / -12.7	10.1 / -12.7