Le Perroquet

Design Piano Design **iGuzzini**

Last information update: November 2024

Product configuration: RR68
RR68: Pendant, track-mounted system - Medium body spotlight - warm white - DALI - FLOOD

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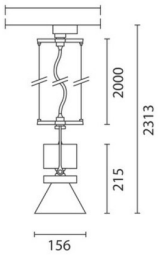
Technical description
Pendant luminaire with an adapter for installation on an electrified DALI track. High yield LED lamp with high color rendering index. Adjustable pendant spotlight made of die-cast aluminium and thermoplastic material. Balanced pendant system with double steel cable - L max 2000 mm - and adjustment system. Fitted with mechanical aiming locks, so rotation and tilting movements can be locked in position to ensure efficient light aiming even after the original installation or during maintenance. The optical assembly is equipped with an accessory holding ring designed to contain a flat accessory. Another external component can also be applied - asymmetric screen / directional flaps; the external accessories can rotate freely about the spotlight longitudinal axis. DALI dimmable power supply unit integrated in the spotlight body.

Installation
Installation on an electrified track - pendant cables L max 2000.



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

Weight (Kg)
1.8

Mounting
dali track

Wiring
Integrated DALI dimmer power supply unit.

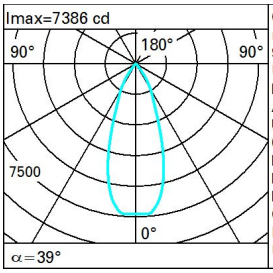
Complies with EN60598-1 and pertinent regulations

850°C IP20 pending

Technical data

lm system:	3665	CRI (minimum):	90
W system:	37.5	Colour temperature [K]:	3000
lm source:	4470	MacAdam Step:	2
W source:	32	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	97.7	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.) [%]:	82	Number of optical assemblies:	1
Beam angle [°]:	38°	Control:	DALI-2

Polar



CIE
nL 0.82
98-100-100-100-82
UGR 16.8-16.8
DIN
A.61
UTE
0.82A+0.00T
F"1=985
F"1+F"2=998
F"1+F"2+F"3=1000
CIBSE
LG3 L<1500 cd/m² at 65°
UGR<19 | L<1500 cd/mq @65°

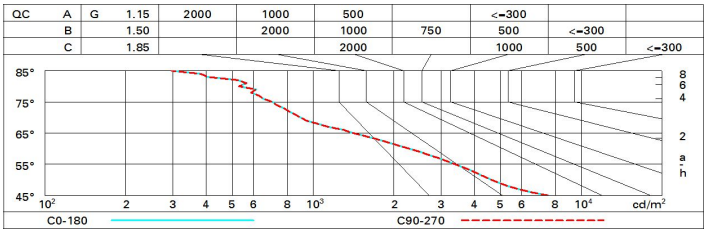
Lux

h	d	Em	Emax
2	1.4	1498	1839
4	2.8	375	460
6	4.2	166	204
8	5.6	94	115

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	74	70	67	65	69	66	66	63	77
1.0	77	73	71	69	73	70	70	67	82
1.5	81	78	76	74	77	75	75	72	88
2.0	83	81	80	79	80	79	78	76	92
2.5	85	83	82	81	82	81	80	78	95
3.0	86	85	84	83	84	83	82	80	97
4.0	87	86	86	85	85	84	83	81	99
5.0	88	87	87	86	86	85	84	82	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 4470 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	17.3	18.0	17.6	18.2	18.4	17.3	18.0	17.6	18.2	18.4
	3H	17.2	17.8	17.5	18.0	18.3	17.2	17.8	17.5	18.0	18.3
	4H	17.1	17.7	17.5	18.0	18.3	17.1	17.7	17.5	18.0	18.3
	6H	17.1	17.5	17.4	17.9	18.2	17.1	17.5	17.4	17.9	18.2
	8H	17.0	17.5	17.4	17.8	18.2	17.0	17.5	17.4	17.8	18.2
	12H	17.0	17.4	17.4	17.8	18.1	17.0	17.4	17.4	17.8	18.1
4H	2H	17.1	17.7	17.5	18.0	18.3	17.1	17.7	17.5	18.0	18.3
	3H	17.0	17.4	17.4	17.8	18.1	17.0	17.4	17.4	17.8	18.1
	4H	16.9	17.3	17.3	17.7	18.1	16.9	17.3	17.3	17.7	18.1
	6H	16.8	17.2	17.3	17.6	18.0	16.8	17.2	17.3	17.6	18.0
	8H	16.8	17.1	17.2	17.5	17.9	16.8	17.1	17.2	17.5	17.9
	12H	16.7	17.0	17.2	17.4	17.9	16.7	17.0	17.2	17.4	17.9
8H	4H	16.8	17.1	17.2	17.5	17.9	16.8	17.1	17.2	17.5	17.9
	6H	16.7	16.9	17.2	17.4	17.9	16.7	16.9	17.2	17.4	17.9
	8H	16.6	16.9	17.1	17.3	17.8	16.6	16.9	17.1	17.3	17.8
	12H	16.6	16.8	17.1	17.3	17.8	16.6	16.8	17.1	17.3	17.8
12H	4H	16.7	17.0	17.2	17.4	17.9	16.7	17.0	17.2	17.4	17.9
	6H	16.6	16.9	17.1	17.3	17.8	16.6	16.9	17.1	17.3	17.8
	8H	16.6	16.8	17.1	17.3	17.8	16.6	16.8	17.1	17.3	17.8

Variations with the observer position at spacing:

S =			
	1.0H	5.6 / -12.9	5.6 / -12.9
	1.5H	8.4 / -15.1	8.4 / -15.1
	2.0H	10.4 / -17.0	10.4 / -17.0