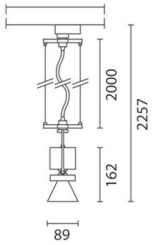
Le Perroquet

Design Piano Design **iGuzzini**

Last information update: April 2024

Product configuration: 3231+L387
3231: Projector with 50 W QR CBC 51 dimmable electronic transformer



Product code
3231: Projector with 50 W QR CBC 51 dimmable electronic transformer **Attention! Code no longer in production**

Technical description
Die-cast aluminium and thermoplastic suspended luminaire fitted with a multi-phase adapter for electrified tracks. The suspension system is made up of steel cables (L=2000) and provides simple mechanical anchoring. Rotation and inclination movements may be locked mechanically to guarantee precise positioning of the light beam - also during maintenance operations. Various accessories are available, such as adjustable flaps, wall-washer screen, IR filter, refractor for the elliptical distribution of the light flow and coloured filters. IP40 for optical assembly with optional glass diffusers.

Installation
Fitted to an electrified track by means of a multi-phase adapter.

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

Mounting
three circuit track pendant

Wiring
Complete with dimmable electronic transformer for 50W 12V dichroic halogen lamps, inside the luminaire.

Notes
Complete with adjustable suspension cables and power-supply cable. The luminaire becomes IP40 with the use of accessory glasses. For the photometric data of the luminaire, refer to the photometric characteristics of the light source.

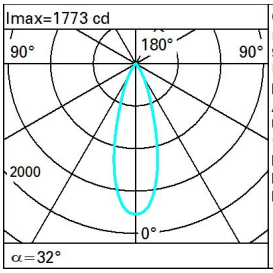
Complies with EN60598-1 and pertinent regulations

850°C IP20 03 EAC pending

Technical data

lm system:	660	CRI (minimum):	80
W system:	10	Colour temperature [K]:	3000
lm source:	660	Voltage [Vin]:	12
W source:	8	Lamp code:	LED
Luminous efficiency (lm/W, real value):	66	Socket:	GU5,3
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.) [%]:	100	Number of optical assemblies:	1
Beam angle [°]:	32°	Control:	Completo di dimmer

Polar



CIE
nL 1.00
94-98-100-100-100
UGR 21.1-20.8
DIN
A.61
UTE
1.00A+0.00T
F"1=939
F"1+F"2=980
F"1+F"2+F"3=996

Lux

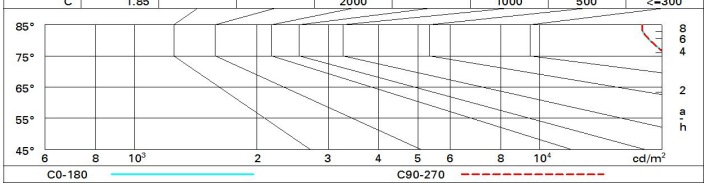
h	d	Em	Emax
2	1.1	348	443
4	2.3	87	111
6	3.4	39	49
8	4.6	22	28

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	88	82	79	76	81	78	77	74	74
1.0	92	87	84	81	86	83	82	79	79
1.5	97	93	91	88	92	90	89	85	85
2.0	101	98	96	94	96	94	93	90	90
2.5	103	101	99	97	99	97	96	93	93
3.0	104	103	101	100	101	100	98	96	96
4.0	105	104	103	102	103	102	100	98	98
5.0	106	105	105	104	104	103	101	99	99

Luminance curve limit

QC		G								
	A		1.15	2000	1000	500		<=300		
	B		1.50		2000	1000	750	500	<=300	
	C		1.85			2000		1000	500	<=300



UGR diagram

Corrected UGR values (at 660 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	19.4	20.1	19.7	20.3	20.5	19.4	20.1	19.7	20.3	20.5
	3H	20.0	20.6	20.3	20.9	21.1	19.6	20.2	19.9	20.4	20.7
	4H	20.3	20.8	20.6	21.1	21.4	19.6	20.2	20.0	20.5	20.8
	6H	20.4	20.9	20.8	21.2	21.6	19.6	20.1	20.0	20.4	20.8
	8H	20.5	21.0	20.9	21.3	21.6	19.6	20.1	20.0	20.4	20.7
	12H	20.6	21.0	20.9	21.3	21.7	19.6	20.0	19.9	20.4	20.7
4H	2H	19.6	20.2	20.0	20.5	20.8	20.3	20.8	20.6	21.1	21.4
	3H	20.4	20.8	20.8	21.2	21.5	20.6	21.0	21.0	21.4	21.7
	4H	20.7	21.1	21.1	21.5	21.9	20.7	21.1	21.1	21.5	21.9
	6H	21.0	21.4	21.4	21.8	22.2	20.8	21.2	21.2	21.6	22.0
	8H	21.1	21.4	21.5	21.8	22.3	20.8	21.1	21.3	21.6	22.0
	12H	21.2	21.5	21.6	21.9	22.4	20.8	21.1	21.3	21.5	22.0
8H	4H	20.8	21.1	21.3	21.6	22.0	21.1	21.4	21.5	21.8	22.3
	6H	21.2	21.5	21.7	21.9	22.4	21.3	21.6	21.8	22.0	22.5
	8H	21.4	21.6	21.8	22.1	22.6	21.4	21.6	21.8	22.1	22.6
	12H	-1.5	-1.4	-1.0	-0.9	-0.4	-1.6	-1.5	-1.1	-1.0	-0.5
12H	4H	20.8	21.1	21.3	21.5	22.0	21.2	21.5	21.6	21.9	22.4
	6H	21.2	21.4	21.7	21.9	22.4	21.4	21.6	21.9	22.1	22.6
	8H	-1.6	-1.5	-1.1	-1.0	-0.5	-1.5	-1.4	-1.0	-0.9	-0.4

Variations with the observer position at spacing:

S =			
	1.0H	1.9 / -1.0	1.9 / -1.0
	1.5H	3.7 / -1.4	3.7 / -1.4
	2.0H	5.3 / -1.7	5.3 / -1.7