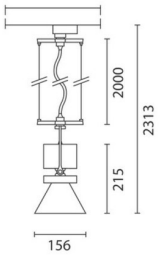
Le Perroquet

Design Renzo Piano **iGuzzini**

Last information update: September 2020

Product configuration: 3236+1639
3236: withelectronic transformer DALI 75W 12V QR 111



Product code
3236: withelectronic transformer DALI 75W 12V QR 111 **Attention! Code no longer in production**

Technical description
Suspended luminaire for installation on DALI mains voltage track for QR111 75W halogen lamps made of die-cast aluminium and thermoplastic material. Suspended luminaire for installation on DALI mains voltage track for QR111 75W halogen lamps made of die-cast aluminium and thermoplastic material. The luminaire is made of die-cast aluminium and thermoplastic material. It allows for 330° rotation around horizontal axis and 190° around vertical axis and is provided with screw mechanical locks for aiming, graduated scales and friction devices. The spotlight is complete with lamp and electronic control gear; a large range of accessories is available.

Installation
In DALI electrified track or wall/ceiling mounted with special base to be ordered separately.

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

Weight (Kg)
1.3

Mounting
dali track|ceiling surface

Wiring
DALI electronic components for low voltage halogen lamp contained in box integrated into the fitting.

Notes
The DALI spotlights are provided with special adapter and are only compatible with iGuzzini DALI tracks.

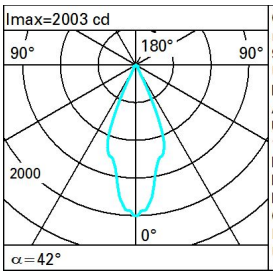
Complies with EN60598-1 and pertinent regulations

850°C IP20 IP40 for optical assembly pending

Technical data

lm system:	796	Colour temperature [K]:	3000
W system:	82	Lamp maximum intensity [cd]:	1700
lm source:	796	Ballast losses [W]:	7
W source:	75	Voltage [Vin]:	12
Luminous efficiency (lm/W, real value):	9.7	Lamp code:	1639
lm in emergency mode:	-	Socket:	G53
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	100	ZVEI Code:	QR 111
Beam angle [°]:	42°	Number of optical assemblies:	1
CRI:	100	Control:	DALI

Polar



CIE
nL 1.00
94-99-100-100-100
UGR 11.9-11.5
DIN
A.61
UTE
1.00A+0.00T
F"1=943
F"1+F"2=988
F"1+F"2+F"3=997
CIBSE
LG3 L<3000 cd/m² at 65°
UGR<16 | L<3000 cd/mq @65°

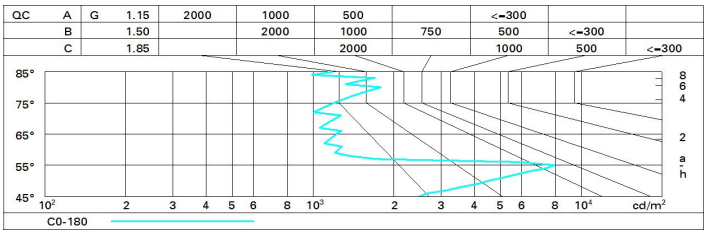
Lux

h	d	Em	Emax
2	1.5	358	501
4	3.1	89	125
6	4.6	40	56
8	6.1	22	31

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	88	82	79	76	82	78	78	74	74
1.0	92	87	84	81	86	83	83	79	79
1.5	97	94	91	89	93	90	89	86	86
2.0	101	98	96	94	97	95	94	91	91
2.5	103	101	99	98	99	98	97	94	94
3.0	104	103	101	100	101	100	99	96	96
4.0	105	104	104	103	103	102	100	98	98
5.0	106	105	105	104	104	103	101	99	99

Luminance curve limit



UGR diagram

Corrected UGR values (at 796 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	11.1	11.7	11.4	11.9	12.2	11.1	11.7	11.4	11.9	12.2
	3H	11.2	11.7	11.5	12.0	12.3	11.3	11.8	11.6	12.1	12.3
	4H	11.2	11.8	11.6	12.0	12.3	11.2	11.7	11.5	12.0	12.3
	6H	11.4	11.9	11.8	12.2	12.5	11.2	11.6	11.5	11.9	12.3
	8H	11.5	11.9	11.8	12.3	12.6	11.1	11.6	11.5	11.9	12.2
	12H	11.5	11.9	11.9	12.3	12.6	11.1	11.5	11.5	11.9	12.2
4H	2H	11.2	11.7	11.5	12.0	12.3	11.2	11.8	11.6	12.0	12.3
	3H	11.4	11.8	11.7	12.1	12.5	11.5	11.9	11.8	12.2	12.6
	4H	11.5	11.9	11.9	12.2	12.6	11.5	11.9	11.9	12.2	12.6
	6H	11.8	12.1	12.2	12.5	12.9	11.5	11.8	11.9	12.2	12.6
	8H	11.9	12.2	12.3	12.6	13.1	11.5	11.8	11.9	12.2	12.7
	12H	11.9	12.2	12.4	12.7	13.1	11.5	11.8	11.9	12.2	12.7
8H	4H	11.5	11.8	11.9	12.2	12.7	11.9	12.2	12.3	12.6	13.1
	6H	11.9	12.2	12.4	12.6	13.1	12.0	12.3	12.5	12.7	13.2
	8H	12.1	12.3	12.6	12.8	13.3	12.1	12.3	12.6	12.8	13.3
	12H	-10.8	-10.7	-10.3	-10.3	-9.7	-10.9	-10.8	-10.4	-10.3	-9.8
12H	4H	11.5	11.8	11.9	12.2	12.7	11.9	12.2	12.4	12.7	13.1
	6H	11.9	12.2	12.4	12.6	13.1	12.1	12.3	12.6	12.8	13.3
	8H	-10.9	-10.8	-10.4	-10.3	-9.8	-10.8	-10.7	-10.3	-10.3	-9.7

Variations with the observer position at spacing:

S =			
	1.0H	2.3 / -2.0	2.3 / -2.0
	1.5H	3.5 / -3.1	3.5 / -3.1
	2.0H	5.2 / -3.3	5.2 / -3.3