Laser

Design iGuzzini **iGuzzini**

Last information update: March 2025

Product configuration: QA01
QA01: Ø59 Tech - ON-OFF - Flood Beam

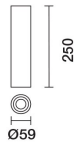
Product code
QA01: Ø59 Tech - ON-OFF - Flood Beam **Attention! Code no longer in production**

Technical description
Cylindrical lighting body for ceiling or pendant-mounted applications. Fixed optic lighting system with a high definition reflector made of metallised thermoplastic. The LEDs are set back to minimize glare and guarantee a high level of visual comfort. Structural cylinder made of painted extruded aluminium with an inner ring made of thermoplastic available in different painted or metallised finishes. Glass cover Using specific accessory kits, ceiling or pendant-mounted installations can be made with minimum intervention and simplified by a practical bayonet coupling system. ON-OFF driver integrated in luminaire.

Installation
Ceiling or pendant-mounted - use the appropriate assembly kits available with a separate item code.

Colour
White (01) | Black / Black (43) | Black / White (47) | White / gold satin-finish (E9)

Weight (Kg)
0.47



Mounting
ceiling surface|ceiling pendant

Wiring
The lighting body is fitted with an internal terminal board for connectinf it to the power line or pendant cable.

Notes
A wide range of decorative accessories and diffusers is available.

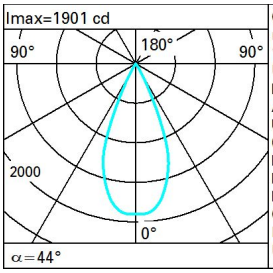
Complies with EN60598-1 and pertinent regulations

Technical data

lm system:	878
W system:	12.3
lm source:	1140
W source:	11
Luminous efficiency (lm/W, real value):	71.4
lm in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	77
Beam angle [°]:	44°

CRI (minimum):	90
Colour temperature [K]:	3000
MacAdam Step:	2
Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Voltage [Vin]:	230
Lamp code:	LED
Number of lamps for optical assembly:	1
ZVEI Code:	LED
Number of optical assemblies:	1

Polar



CIE
nL 0.77
100-100-100-100-77
UGR <10-<10
DIN
A.61
UTE
0.77A+0.00T
F"1=997
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°

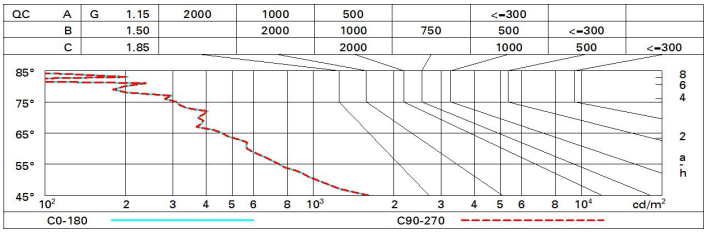
Lux

h	d	Em	Emax
2	1.6	378	475
4	3.2	94	119
6	4.8	42	53
8	6.5	24	30

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	70	66	63	62	65	63	63	60	78
1.0	73	69	67	65	69	67	66	64	83
1.5	76	74	72	70	73	71	70	68	89
2.0	78	77	75	74	76	74	74	72	93
2.5	80	79	78	77	78	77	76	74	96
3.0	81	80	79	79	79	78	77	75	98
4.0	82	81	81	80	80	79	78	76	99
5.0	82	82	81	81	81	80	79	77	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 1140 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	7.6	8.2	7.9	8.4	8.7	7.6	8.2	7.9	8.4	8.7
	3H	7.5	8.0	7.8	8.3	8.6	7.5	8.0	7.8	8.3	8.6
	4H	7.4	7.9	7.8	8.2	8.5	7.4	7.9	7.8	8.2	8.5
	6H	7.4	7.8	7.7	8.1	8.4	7.4	7.8	7.7	8.1	8.4
	8H	7.3	7.8	7.7	8.1	8.4	7.3	7.7	7.7	8.1	8.4
	12H	7.3	7.7	7.7	8.0	8.4	7.3	7.7	7.7	8.0	8.4
4H	2H	7.4	7.9	7.8	8.2	8.5	7.4	7.9	7.8	8.2	8.5
	3H	7.3	7.7	7.7	8.0	8.4	7.3	7.7	7.7	8.0	8.4
	4H	7.2	7.6	7.6	7.9	8.3	7.2	7.6	7.6	7.9	8.3
	6H	7.1	7.4	7.6	7.8	8.3	7.1	7.4	7.6	7.8	8.3
	8H	7.1	7.4	7.5	7.8	8.2	7.1	7.4	7.5	7.8	8.2
	12H	7.0	7.3	7.5	7.7	8.2	7.0	7.3	7.5	7.7	8.2
8H	4H	7.1	7.4	7.5	7.8	8.2	7.1	7.4	7.5	7.8	8.2
	6H	7.0	7.2	7.5	7.7	8.2	7.0	7.2	7.5	7.7	8.2
	8H	6.9	7.1	7.4	7.6	8.1	6.9	7.1	7.4	7.6	8.1
	12H	6.9	7.1	7.4	7.6	8.1	6.9	7.1	7.4	7.6	8.1
12H	4H	7.0	7.3	7.5	7.7	8.2	7.0	7.3	7.5	7.7	8.2
	6H	6.9	7.1	7.4	7.6	8.1	6.9	7.1	7.4	7.6	8.1
	8H	6.9	7.1	7.4	7.6	8.1	6.9	7.1	7.4	7.6	8.1

Variations with the observer position at spacing:

S =			
	1.0H	6.5 / -13.0	6.5 / -13.0
	1.5H	9.4 / -13.8	9.4 / -13.8
	2.0H	11.4 / -14.9	11.4 / -14.9