Easy

Design iGuzzini **iGuzzini**

Last information update: February 2025

Product configuration: QU19
QU19: Ø 114 mm - warm white - dali

Product code
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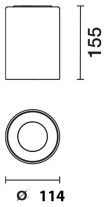
Technical description
A round luminaire that can be surface or pendant-mounted using a kit to be ordered separately. The product is designed to use LED lamps with C.o.B. technology. Reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. The product is fitted with a passive dissipation system. Luminaire complete with LED lamp in warm white colour tone (3000K). General lighting beam.

Installation
surface or pendant-mounted using a kit to be ordered as an accessory.

Colour
White / Aluminium (39) | Black / Aluminium (40)

Weight (Kg)
0.59



Mounting
ceiling surface

Wiring
product complete with dali components

Complies with EN60598-1 and pertinent regulations

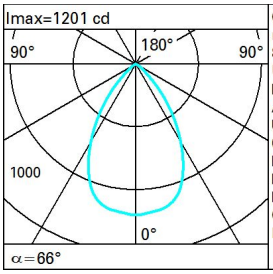
IP40

Technical data

lm system:	1360
W system:	13.2
lm source:	1600
W source:	11
Luminous efficiency (lm/W, real value):	103
lm in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	85
CRI (minimum):	90
Colour temperature [K]:	3000
MacAdam Step:	2

Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Lamp code:	LED
Number of lamps for optical assembly:	1
ZVEI Code:	LED
Number of optical assemblies:	1
Power factor:	See installation instructions
Inrush current:	18 A / 250 µs
Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 21 luminaires B16A: 34 luminaires C10A: 35 luminaires C16A: 57 luminaires
Minimum dimming %:	1
Overvoltage protection:	2kV Common mode & 1kV Differential mode
Control:	DALI-2

Polar



CIE
nL 0.85
88-100-100-100-85
UGR 20.7-20.7
DIN
A.61
UTE
0.85A+0.00T
F"1=881
F"1+F"2=998
F"1+F"2+F"3=1000
CIBSE
LG3 L<1500 cd/m² at 65°

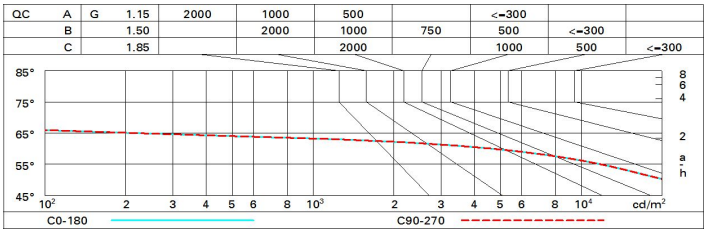
Lux

h	d	Em	Emax
1	1.3	891	1201
2	2.6	223	300
3	3.9	99	133
4	5.2	56	75

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	72	67	63	61	66	63	62	59	70
1.0	76	72	68	66	71	68	67	64	75
1.5	82	78	76	73	77	75	74	71	84
2.0	85	82	80	79	81	79	78	76	89
2.5	87	85	83	82	83	82	81	78	92
3.0	88	86	85	84	85	84	83	80	94
4.0	89	88	87	86	86	86	84	82	96
5.0	90	89	88	87	87	87	85	83	97

Luminance curve limit



UGR diagram

Corrected UGR values (at 1600 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	21.2	21.9	21.5	22.2	22.4	21.2	21.9	21.5	22.2	22.4
	3H	21.1	21.7	21.4	22.0	22.3	21.1	21.7	21.4	22.0	22.3
	4H	21.0	21.6	21.4	21.9	22.2	21.1	21.6	21.4	21.9	22.2
	6H	20.9	21.5	21.3	21.8	22.1	21.0	21.5	21.3	21.8	22.2
	8H	20.9	21.4	21.3	21.7	22.1	20.9	21.5	21.3	21.8	22.1
	12H	20.9	21.4	21.3	21.7	22.1	20.9	21.4	21.3	21.7	22.1
4H	2H	21.1	21.6	21.4	21.9	22.2	21.0	21.6	21.4	21.9	22.2
	3H	20.9	21.4	21.3	21.7	22.1	20.9	21.4	21.3	21.7	22.1
	4H	20.8	21.2	21.2	21.6	22.0	20.8	21.2	21.2	21.6	22.0
	6H	20.7	21.1	21.2	21.5	21.9	20.7	21.1	21.2	21.5	21.9
	8H	20.7	21.0	21.1	21.4	21.9	20.7	21.0	21.1	21.4	21.9
	12H	20.6	20.9	21.1	21.4	21.8	20.6	20.9	21.1	21.4	21.8
8H	4H	20.7	21.0	21.1	21.4	21.9	20.7	21.0	21.1	21.4	21.9
	6H	20.6	20.9	21.1	21.3	21.8	20.6	20.9	21.1	21.3	21.8
	8H	20.5	20.8	21.0	21.2	21.7	20.5	20.8	21.0	21.2	21.7
	12H	20.5	20.7	21.0	21.2	21.7	20.5	20.7	21.0	21.2	21.7
12H	4H	20.6	20.9	21.1	21.4	21.8	20.6	20.9	21.1	21.4	21.8
	6H	20.5	20.8	21.0	21.2	21.7	20.5	20.8	21.0	21.2	21.7
	8H	20.5	20.7	21.0	21.2	21.7	20.5	20.7	21.0	21.2	21.7

Variations with the observer position at spacing:

S =			
	1.0H	2.8 / -7.1	2.8 / -7.1
	1.5H	5.4 / -21.0	5.4 / -21.0
	2.0H	7.4 / -40.2	7.4 / -40.2