Easy

Design iGuzzini **iGuzzini**

Last information update: February 2025

Product configuration: QU45
QU45: Ø 234 mm - warm white - dali

Product code
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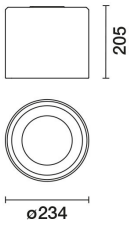
Technical description
A round luminaire that can be surface or pendant-mounted using a kit to be ordered separately. The product is designed to use LED lamps with C.o.B. technology. Reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. The product is fitted with a 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)
1.76



Mounting
ceiling surface

Wiring
product complete with dali components

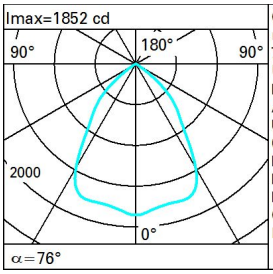
Complies with EN60598-1 and pertinent regulations

IP40

Technical data

lm system:	2790	Colour temperature [K]:	3000
W system:	25.3	MacAdam Step:	2
lm source:	3100	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	22	Lamp code:	LED
Luminous efficiency (lm/W, real value):	110.3	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	90	Control:	DALI-2
CRI (minimum):	90		

Polar



CIE
nL 0.90
79-99-100-100-90
UGR 19.7-19.7
DIN
A.61
UTE
0.90B+0.00T
F"1=793
F"1+F"2=994
F"1+F"2+F"3=1000
CIBSE
LG3 L<1500 cd/m² at 65°

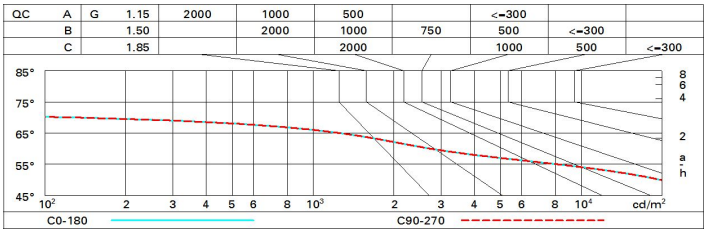
Lux

h	d	Em	Emax
2	3.1	337	463
4	6.3	84	116
6	9.4	37	51
8	12.5	21	29

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	73	66	62	58	65	61	61	57	63
1.0	78	72	68	65	71	67	67	63	70
1.5	85	80	77	74	79	76	75	72	80
2.0	88	85	83	80	84	82	81	77	86
2.5	91	88	86	84	87	85	84	81	89
3.0	92	90	88	87	88	87	86	83	92
4.0	93	92	90	89	90	89	88	85	94
5.0	94	93	92	91	91	90	89	86	95

Luminance curve limit



UGR diagram

Corrected UGR values (at 3100 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	20.3	21.1	20.5	21.3	21.5	20.3	21.1	20.5	21.3	21.5
	3H	20.1	20.8	20.4	21.1	21.4	20.2	20.9	20.5	21.1	21.4
	4H	20.0	20.7	20.4	21.0	21.3	20.1	20.7	20.4	21.0	21.4
	6H	20.0	20.6	20.3	20.9	21.2	20.0	20.6	20.4	20.9	21.3
	8H	19.9	20.5	20.3	20.8	21.2	20.0	20.6	20.3	20.9	21.2
	12H	19.9	20.4	20.3	20.8	21.1	19.9	20.5	20.3	20.8	21.2
4H	2H	20.1	20.7	20.4	21.0	21.4	20.0	20.7	20.4	21.0	21.3
	3H	19.9	20.5	20.3	20.8	21.2	19.9	20.5	20.3	20.8	21.2
	4H	19.8	20.3	20.3	20.7	21.1	19.8	20.3	20.3	20.7	21.1
	6H	19.8	20.2	20.2	20.6	21.0	19.8	20.2	20.2	20.6	21.0
	8H	19.7	20.1	20.2	20.5	21.0	19.7	20.1	20.2	20.5	21.0
	12H	19.7	20.0	20.1	20.5	20.9	19.7	20.0	20.1	20.5	20.9
8H	4H	19.7	20.1	20.2	20.5	21.0	19.7	20.1	20.2	20.5	21.0
	6H	19.6	19.9	20.1	20.4	20.9	19.6	19.9	20.1	20.4	20.9
	8H	19.6	19.9	20.1	20.3	20.8	19.6	19.9	20.1	20.3	20.8
	12H	19.5	19.8	20.0	20.3	20.8	19.5	19.8	20.0	20.3	20.8
12H	4H	19.7	20.0	20.1	20.5	20.9	19.7	20.0	20.1	20.5	20.9
	6H	19.6	19.9	20.1	20.3	20.8	19.6	19.9	20.1	20.3	20.8
	8H	19.5	19.8	20.0	20.3	20.8	19.5	19.8	20.0	20.3	20.8

Variations with the observer position at spacing:

S =			
	1.0H	1.6 / -5.6	1.6 / -5.6
	1.5H	3.4 / -13.6	3.4 / -13.6
	2.0H	5.4 / -21.7	5.4 / -21.7