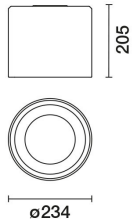


Last information update: February 2025

Product configuration: QU53

QU53: Ø 234 mm - warm white - inverter

**Product code**

QU53: Ø 234 mm - warm white - inverter

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. Product complete with inverter, in case of a blackout, operation is guaranteed for a maximum of 3 hours.

Installation

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

Colour

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

Weight (Kg)

2.45

Mounting

ceiling surface

Wiring

product complete with electronic components + inverter

Complies with EN60598-1 and pertinent regulations



IP40



pending

Technical data

lm system:	3330	Colour temperature [K]:	3000
W system:	31.2	MacAdam Step:	2
lm source:	3700	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	23	Lamp code:	LED
Luminous efficiency (lm/W, real value):	106.7	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	Power factor:	See installation instructions
CRI (minimum):	80	Control:	On/off

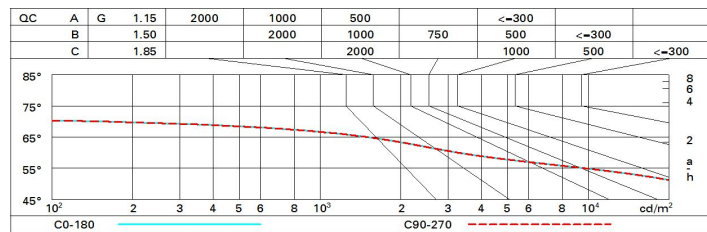
Polar

Imax=2211 cd		CIE		Lux			
				h	d	Em	E _{max}
		nL 0.90 79-99-100-100-90 UGR 20.3-20.3 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<3000 cd/m² at 65°		2	3.1	402	553
				4	6.3	100	138
				6	9.4	45	61
				8	12.5	25	35

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 3700 lm bare lamp luminous flux)											
Reflect.: ceiling walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	20.9	21.7	21.2	21.9	22.2	20.9	21.7	21.2	21.9	22.2
	3H	20.7	21.4	21.1	21.7	22.0	20.8	21.5	21.1	21.8	22.1
	4H	20.7	21.3	21.0	21.6	21.9	20.7	21.4	21.0	21.7	22.0
	6H	20.6	21.2	20.9	21.5	21.8	20.6	21.2	21.0	21.5	21.9
	8H	20.5	21.1	20.9	21.5	21.8	20.6	21.2	21.0	21.5	21.8
	12H	20.5	21.1	20.9	21.4	21.8	20.5	21.1	20.9	21.4	21.8
4H	2H	20.7	21.4	21.0	21.7	22.0	20.7	21.3	21.0	21.6	21.9
	3H	20.6	21.1	20.9	21.5	21.8	20.6	21.1	20.9	21.4	21.8
	4H	20.5	21.0	20.9	21.3	21.7	20.5	21.0	20.9	21.3	21.7
	6H	20.4	20.8	20.8	21.2	21.6	20.4	20.8	20.8	21.2	21.6
	8H	20.3	20.7	20.8	21.1	21.6	20.3	20.7	20.8	21.1	21.6
	12H	20.3	20.6	20.7	21.1	21.5	20.3	20.6	20.7	21.1	21.5
8H	4H	20.3	20.7	20.8	21.1	21.6	20.3	20.7	20.8	21.1	21.6
	6H	20.2	20.6	20.7	21.0	21.5	20.2	20.6	20.7	21.0	21.5
	8H	20.2	20.5	20.7	20.9	21.4	20.2	20.5	20.7	20.9	21.4
	12H	20.2	20.4	20.7	20.9	21.4	20.2	20.4	20.7	20.9	21.4
12H	4H	20.3	20.6	20.7	21.1	21.5	20.3	20.6	20.7	21.1	21.5
	6H	20.2	20.5	20.7	20.9	21.4	20.2	20.5	20.7	20.9	21.4
	8H	20.2	20.4	20.7	20.9	21.4	20.2	20.4	20.7	20.9	21.4
Variations with the observer position at spacing:											
S =		1.0H					1.6 / -5.6				
		1.5H					3.4 / -13.6				
		2.0H					5.4 / -21.7				