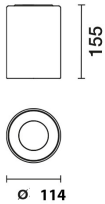


Last information update: February 2025

Product configuration: QU18

QU18: Ø 114 mm - warm white - dali



Product code

QU18: Ø 114 mm - warm white - dali

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

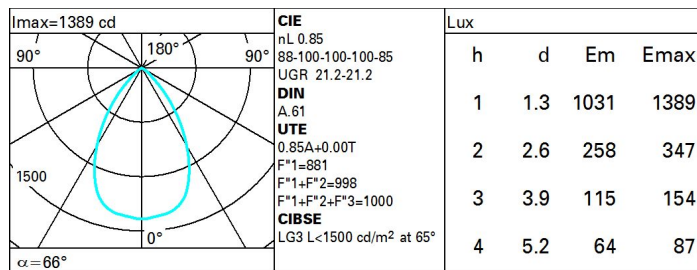
Complies with EN60598-1 and pertinent regulations



Technical data

lm system:	1573	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	13.2	Lamp code:	LED
lm source:	1850	Number of lamps for optical assembly:	1
W source:	11	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	119.1	Number of optical assemblies:	1
lm in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	0	Inrush current:	18 A / 250 µs
Light Output Ratio (L.O.R.) [%]:	85	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 21 luminaires B16A: 34 luminaires C10A: 35 luminaires C16A: 57 luminaires
CRI (minimum):	80	Minimum dimming %:	1
Colour temperature [K]:	3000	Overvoltage protection:	2kV Common mode & 1kV Differential mode
MacAdam Step:	2	Control:	DALI-2

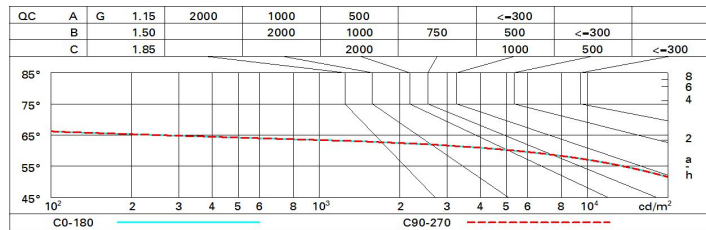
Polar



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 1850 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling	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	21.7	22.4	22.0	22.7	22.9	21.7	22.4	22.0	22.7	22.9
	3H	21.6	22.2	21.9	22.5	22.8	21.6	22.3	22.0	22.5	22.8
	4H	21.5	22.1	21.9	22.4	22.7	21.6	22.1	21.9	22.4	22.7
	6H	21.5	22.0	21.8	22.3	22.6	21.5	22.0	21.8	22.3	22.7
	8H	21.4	21.9	21.8	22.3	22.6	21.4	22.0	21.8	22.3	22.6
12H	21.4	21.9	21.8	22.2	22.6	21.4	21.9	21.8	22.2	22.6	
4H	2H	21.6	22.1	21.9	22.4	22.7	21.5	22.1	21.9	22.4	22.7
	3H	21.4	21.9	21.8	22.2	22.6	21.4	21.9	21.8	22.2	22.6
	4H	21.3	21.7	21.7	22.1	22.5	21.3	21.7	21.7	22.1	22.5
	6H	21.2	21.6	21.7	22.0	22.4	21.2	21.6	21.7	22.0	22.4
	8H	21.2	21.5	21.6	21.9	22.4	21.2	21.5	21.6	21.9	22.4
12H	21.1	21.4	21.6	21.9	22.3	21.1	21.4	21.6	21.9	22.3	
8H	4H	21.2	21.5	21.6	21.9	22.4	21.2	21.5	21.6	21.9	22.4
	6H	21.1	21.4	21.6	21.8	22.3	21.1	21.4	21.6	21.8	22.3
	8H	21.0	21.3	21.5	21.7	22.2	21.0	21.3	21.5	21.7	22.2
	12H	21.0	21.2	21.5	21.7	22.2	21.0	21.2	21.5	21.7	22.2
12H	4H	21.1	21.4	21.6	21.9	22.3	21.1	21.4	21.6	21.9	22.3
	6H	21.0	21.3	21.5	21.7	22.2	21.0	21.3	21.5	21.7	22.2
	8H	21.0	21.2	21.5	21.7	22.2	21.0	21.2	21.5	21.7	22.2
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				