

Last information update: February 2025

Product configuration: QI18

QI18: 600x600 mm panel - warm white - opal screen - light sensor

**Product code**

QI18: 600x600 mm panel - warm white - opal screen - light sensor

Technical description

600x600 mm luminaire for surface-mounting on modular panels in a 3000K warm white colour. The optical assembly consists of a white steel sheet frame, a satin finish methacrylate diffuser screen for general light emission and a sheet metal rear closing base. The LEDs are arranged around the perimeter and the electronic driver is housed in the upper part of the product. Luminaire fitted with a light sensor for special APP controlled light configurations. The product can be recessed or pendant-mounted using an accessory to be ordered separately. Ceiling-mounted versions only on request.

Installation

Surface-mounted on 600x600 mm modular panels. Recessed installation via an accessory to be ordered separately, pendant installation via an accessory to be ordered separately.

Colour

White (01)

Weight (Kg)

4.1

Mounting

ceiling recessed|ceiling surface|ceiling pendant

Wiring

product complete with electronic components and light sensor

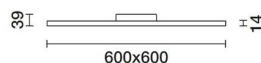
Complies with EN60598-1 and pertinent regulations



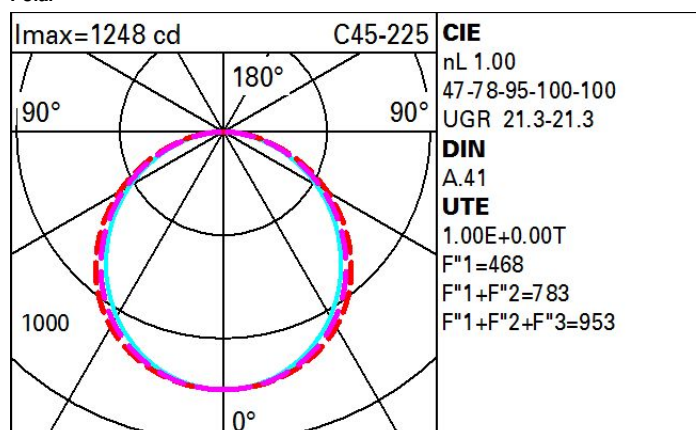
IP20

IP40

On the visible part of the product once installed

**Technical data**

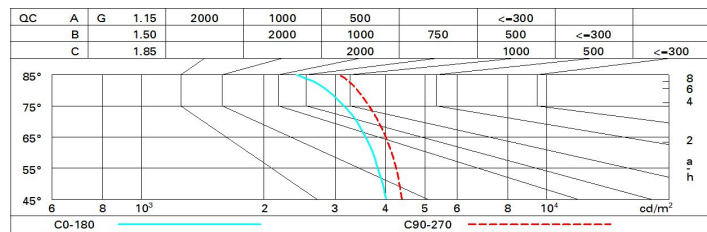
lm system:	3600	CRI (minimum):	80
W system:	33.2	Colour temperature [K]:	3000
lm source:	-	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	-	Lamp code:	LED
Luminous efficiency (lm/W, real value):	108.4	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	100	Control:	Dimmerabile

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	65	55	47	41	53	46	46	39	39
1.0	72	62	55	49	60	54	53	46	46
1.5	82	74	68	62	72	67	65	59	59
2.0	89	82	76	72	80	75	74	68	68
2.5	92	87	82	78	85	80	79	73	73
3.0	95	90	86	82	88	84	83	78	78
4.0	98	94	91	88	92	89	88	83	83
5.0	100	97	94	91	95	92	90	86	86

Luminance curve limit



UGR diagram

Corrected UGR values (at 3000 lm bare lamp luminous flux)										
Reflect.: ceiling walls work pl. Room dim x y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise			
2H	2H	17.3	18.5	17.0	18.8	19.1	17.8	19.0	18.1	19.3
	3H	18.8	19.9	19.2	20.2	20.5	18.3	19.4	18.6	19.7
	4H	19.4	20.5	19.8	20.8	21.1	18.4	19.5	18.8	19.8
	6H	19.9	20.9	20.3	21.2	21.5	18.5	19.5	18.9	19.8
	8H	20.1	21.0	20.4	21.3	21.7	18.5	19.4	18.9	19.8
	12H	20.2	21.0	20.5	21.4	21.8	18.5	19.4	18.9	19.7
4H	2H	18.0	19.1	18.4	19.4	19.7	20.1	21.1	20.5	21.5
	3H	19.8	20.7	20.2	21.0	21.4	20.8	21.7	21.2	22.0
	4H	20.5	21.3	20.9	21.7	22.1	21.0	21.8	21.5	22.2
	6H	21.1	21.8	21.5	22.2	22.6	21.3	22.0	21.7	22.4
	8H	21.3	21.9	21.7	22.3	22.8	21.3	22.0	21.8	22.4
	12H	21.4	22.0	21.8	22.4	22.9	21.3	21.9	21.8	22.4
8H	4H	20.8	21.5	21.3	21.9	22.3	22.0	22.6	22.4	23.0
	6H	21.5	22.1	22.0	22.5	23.0	22.3	22.8	22.8	23.3
	8H	21.8	22.3	22.3	22.7	23.3	22.5	22.9	23.0	23.4
	12H	22.0	22.4	22.5	22.9	23.4	22.6	23.0	23.1	23.4
12H	4H	20.8	21.4	21.3	21.9	22.3	22.1	22.7	22.6	23.1
	6H	21.6	22.1	22.1	22.6	23.1	22.5	23.0	23.0	23.5
	8H	21.9	22.3	22.4	22.8	23.3	22.7	23.1	23.2	23.6
Variations with the observer position at spacing:										
S =	1.0H	0.1 / -0.1					0.1 / -0.1			
	1.5H	0.3 / -0.4					0.2 / -0.3			
	2.0H	0.4 / -0.5					0.4 / -0.5			