

Last information update: April 2025

**Product configuration: QR17**

QR17: 15 - cell Frameless Recessed luminaire - LED Neutral white Wide Flood optic



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**Technical description**

rectangular miniaturised recessed luminaire with 15 optical elements with LED lamps - fixed optics - flood beam angle. Main body with die-cast aluminium radiant surface, minimal (frameless) version for mounting flush with the ceiling. Metallised thermoplastic high definition optics, integrated in a rear position in the black anti-glare screen; the structure of the optical system prevents a pinpoint effect, allowing precise, circular light distribution and emission with controlled glare. Supplied with DALI dimmable electronic control gear connected to the luminaire. Neutral white LED.

**Installation**

recessed with steel wire springs on the specific adapter (included) which allows flush-mounting with the ceiling. Adapter fixed to false ceiling (12.5 mm thick) with self-tapping screws; subsequent filling and smoothing operations; insertion of luminaire body and aesthetic finishing. Preparation hole 35 x 403

**Colour**

White (01) | Black (04)

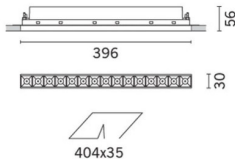
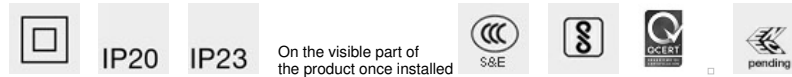
**Mounting**

wall recessed|ceiling recessed

**Wiring**

on control gear box with quick-coupling connections

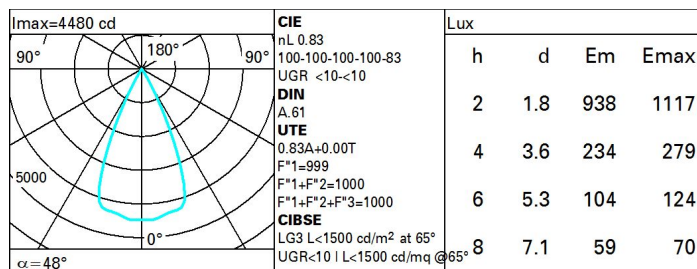
Complies with EN60598-1 and pertinent regulations



**Technical data**

lm system:	2529	CRI (typical):	97
W system:	31	Colour temperature [K]:	3500
lm source:	3050	MacAdam Step:	3
W source:	31	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	81.6	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	83	Number of optical assemblies:	1
Beam angle [°]:	48°	Control:	DALI-2
CRI (minimum):	95		

**Polar**



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	75	71	68	66	70	68	68	65	78
1.0	78	75	72	70	74	72	71	69	83
1.5	82	79	77	76	79	77	76	74	89
2.0	85	83	81	80	82	80	79	77	93
2.5	86	85	84	83	84	83	82	79	96
3.0	87	86	85	85	85	84	83	81	98
4.0	88	87	87	86	86	86	84	82	99
5.0	89	88	88	88	87	86	85	83	100

UGR diagram

Corrected UGR values (at 3050 lm bare lamp luminous flux)											
Riflect.:		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	1.8	2.3	2.1	2.5	2.7	1.8	2.3	2.1	2.5	2.7
	3H	1.7	2.1	2.0	2.4	2.6	1.7	2.1	2.0	2.4	2.6
	4H	1.6	2.0	1.9	2.3	2.6	1.6	2.0	1.9	2.3	2.6
	6H	1.5	1.9	1.9	2.2	2.5	1.5	1.9	1.9	2.2	2.5
	8H	1.5	1.8	1.8	2.2	2.5	1.5	1.8	1.8	2.2	2.5
	12H	1.4	1.8	1.8	2.1	2.5	1.4	1.8	1.8	2.1	2.5
4H	2H	1.6	2.0	1.9	2.3	2.6	1.6	2.0	1.9	2.3	2.6
	3H	1.4	1.8	1.8	2.1	2.5	1.4	1.8	1.8	2.1	2.5
	4H	1.4	1.7	1.7	2.0	2.4	1.4	1.7	1.7	2.0	2.4
	6H	1.3	1.5	1.7	1.9	2.3	1.3	1.5	1.7	1.9	2.3
	8H	1.2	1.5	1.7	1.9	2.3	1.2	1.5	1.7	1.9	2.3
	12H	1.2	1.4	1.6	1.8	2.3	1.2	1.4	1.6	1.8	2.3
8H	4H	1.2	1.5	1.7	1.9	2.3	1.2	1.5	1.7	1.9	2.3
	6H	1.1	1.3	1.6	1.8	2.2	1.1	1.3	1.6	1.8	2.2
	8H	1.1	1.2	1.6	1.7	2.2	1.1	1.2	1.6	1.7	2.2
	12H	1.0	1.2	1.5	1.7	2.2	1.0	1.2	1.5	1.7	2.2
12H	4H	1.2	1.4	1.6	1.8	2.3	1.2	1.4	1.6	1.8	2.3
	6H	1.1	1.2	1.6	1.7	2.2	1.1	1.2	1.6	1.7	2.2
	8H	1.0	1.2	1.5	1.7	2.2	1.0	1.2	1.5	1.7	2.2
Variations with the observer position at spacing:											
S =	1.0H	6.9 / -18.0					6.9 / -18.0				
	1.5H	9.7 / -18.3					9.7 / -18.3				
	2.0H	11.7 / -18.4					11.7 / -18.4				