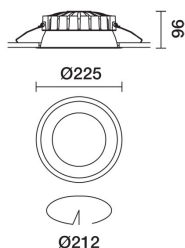
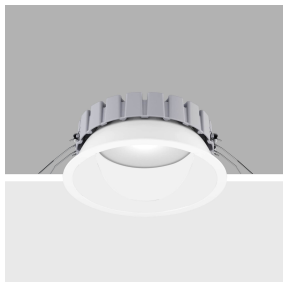


Last information update: March 2025

Product configuration: QF79.01

QF79.01: Ø 225 mm - warm white - INVERTER - White

**Product code**

QF79.01: Ø 225 mm - warm white - INVERTER - White

Technical description

Round fixed luminaire designed to use LED lamps with C.o.B. technology. Version with rim for surface-mounting. Reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. Dissipater made of painted grey die-cast aluminium. Product complete with LED lamp in warm white colour tone (3000K). General lighting beam. Luminaire complete with inverter for safety light.

Installation

Recessed using torsion springs which allow easy installation in false ceilings with thicknesses ranging from 1 mm to 20 mm.

Colour

White (01)

Weight (Kg)

1.68

Mounting

ceiling surface

Wiring

product complete with INVERTER for safety light.

Complies with EN60598-1 and pertinent regulations



IP20

IP54

On the visible part of
the product once installed

pending

Technical data

lm system:	3916	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	40.7	Lamp code:	LED
lm source:	4450	Number of lamps for optical assembly:	1
W source:	32	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	96.2	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:	19.4 A / 250 µs
Light Output Ratio (L.O.R.) [%]:	88	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 13 luminaires B16A: 21 luminaires C10A: 21 luminaires C16A: 35 luminaires
CRI (minimum):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	3000	Control:	On/off
MacAdam Step:	2		

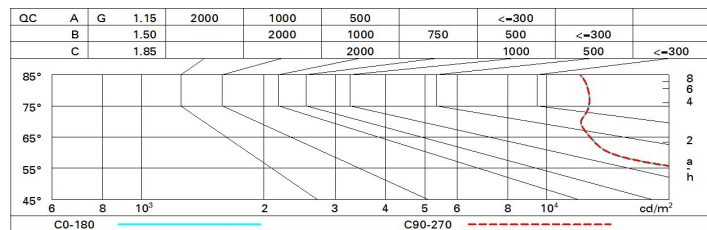
Polar

<p>Imax=1966 cd 90° 180° 90° 2000 0° α=94°</p>	CIE nL 0.88 65-92-98-100-88 UGR 24.6-24.2 DIN A.51 UTE 0.88C+0.00T F*1=648 F*1+F*2=920 F*1+F*2+F*3=980	Lux			
		h	d	Em	E _{max}
		1	2.1	1263	1966
		2	4.3	316	491
		3	6.4	140	218
		4	8.6	79	123

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	65	57	52	48	56	51	51	46	52
1.0	71	64	58	55	62	58	57	52	60
1.5	78	73	69	65	72	68	67	63	71
2.0	83	79	75	72	77	74	73	69	78
2.5	85	82	79	77	80	78	77	73	83
3.0	87	84	82	80	83	80	79	76	86
4.0	89	87	85	83	85	83	82	78	89
5.0	90	88	86	85	86	85	83	80	91

Luminance curve limit



UGR diagram

Corrected UGR values (at 4450 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	23.2	24.1	23.5	24.4	24.0	23.2	24.1	23.5	24.4	24.0
	3H	23.5	24.4	23.9	24.7	24.9	23.3	24.1	23.6	24.4	24.7
	4H	23.8	24.5	24.1	24.8	25.2	23.2	24.0	23.6	24.3	24.7
	6H	24.0	24.7	24.3	25.0	25.4	23.2	23.9	23.6	24.3	24.6
	8H	24.1	24.8	24.5	25.1	25.5	23.2	23.9	23.6	24.2	24.6
	12H	24.1	24.8	24.5	25.2	25.5	23.2	23.8	23.6	24.2	24.5
4H	2H	23.2	24.0	23.6	24.3	24.7	23.8	24.5	24.1	24.8	25.2
	3H	23.8	24.4	24.1	24.8	25.1	24.0	24.7	24.4	25.0	25.4
	4H	24.1	24.7	24.5	25.1	25.5	24.1	24.7	24.5	25.1	25.5
	6H	24.5	25.0	24.9	25.4	25.8	24.2	24.7	24.6	25.1	25.5
	8H	24.6	25.1	25.1	25.5	26.0	24.2	24.7	24.7	25.1	25.6
	12H	24.7	25.2	25.2	25.6	26.1	24.2	24.7	24.7	25.1	25.5
8H	4H	24.2	24.7	24.7	25.1	25.6	24.6	25.1	25.1	25.5	26.0
	6H	24.7	25.1	25.2	25.6	26.0	24.9	25.2	25.3	25.7	26.2
	8H	24.9	25.3	25.4	25.8	26.3	24.9	25.3	25.4	25.8	26.3
	12H	25.1	25.4	25.6	25.9	26.4	25.0	25.3	25.5	25.8	26.3
12H	4H	24.2	24.7	24.7	25.1	25.5	24.7	25.2	25.2	25.6	26.1
	6H	24.8	25.1	25.2	25.6	26.1	25.0	25.3	25.5	25.8	26.3
	8H	25.0	25.3	25.5	25.8	26.3	25.1	25.4	25.6	25.9	26.4
Variations with the observer position at spacing:											
S =		1.0H					0.7 / -0.9				
		1.5H					1.4 / -1.7				
		2.0H					2.6 / -1.9				