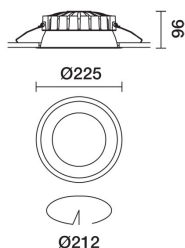
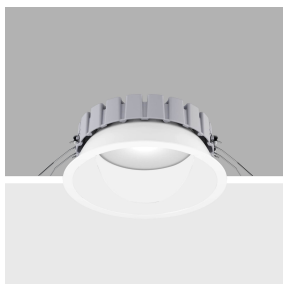


Last information update: March 2025

**Product configuration: QF77.01**

QF77.01: Ø 225 mm - neutral white - INVERTER - White

**Product code**

QF77.01: Ø 225 mm - neutral 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 neutral white colour tone (4000K). 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**Technical data**

lm system:	4664	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	40.7	Lamp code:	LED
lm source:	5300	Number of lamps for optical assembly:	1
W source:	32	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	114.6	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):	80	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	4000	Control:	On/off
MacAdam Step:	2		

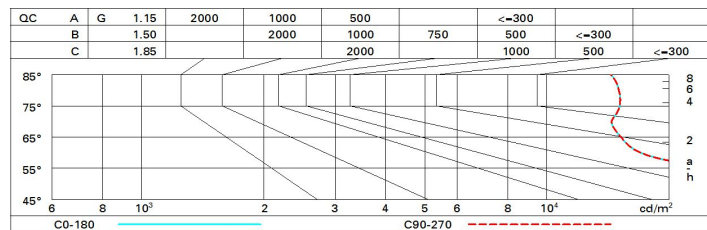
**Polar**

<p>Imax=2341 cd α=94°</p>	<b>CIE</b> nL 0.88 65-92-98-100-88 UGR 25.2-24.8 <b>DIN</b> A.51 <b>UTE</b> 0.88C+0.00T F*1=648 F*1+F*2=920 F*1+F*2+F*3=980	<b>Lux</b>			
		h	d	Em	E <sub>max</sub>
		2	4.3	376	585
		4	8.6	94	146
		6	12.9	42	65
		8	17.2	23	37

# 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 5300 lm bare lamp luminous flux)											
Riflect.: ceil/cav 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	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise				
2H	2H	23.8	24.7	24.1	25.0	25.2	23.8	24.7	24.1	25.0	25.2
	3H	24.1	25.0	24.5	25.3	25.6	23.9	24.7	24.2	25.0	25.3
	4H	24.4	25.1	24.7	25.4	25.8	23.9	24.6	24.2	24.9	25.3
	6H	24.6	25.3	25.0	25.6	26.0	23.8	24.6	24.2	24.9	25.2
	8H	24.7	25.4	25.1	25.7	26.1	23.8	24.5	24.2	24.8	25.2
	12H	24.7	25.4	25.1	25.8	26.1	23.8	24.4	24.2	24.8	25.2
4H	2H	23.9	24.6	24.2	24.9	25.3	24.4	25.1	24.7	25.4	25.8
	3H	24.4	25.0	24.8	25.4	25.7	24.6	25.3	25.0	25.6	26.0
	4H	24.7	25.3	25.1	25.7	26.1	24.7	25.3	25.1	25.7	26.1
	6H	25.1	25.6	25.5	26.0	26.4	24.8	25.3	25.2	25.7	26.2
	8H	25.2	25.7	25.7	26.1	26.6	24.8	25.3	25.3	25.7	26.2
	12H	25.3	25.8	25.8	26.2	26.7	24.8	25.3	25.3	25.7	26.2
8H	4H	24.8	25.3	25.3	25.7	26.2	25.2	25.7	25.7	26.1	26.6
	6H	25.3	25.7	25.8	26.2	26.7	25.5	25.9	25.9	26.3	26.8
	8H	25.6	25.9	26.0	26.4	26.9	25.6	25.9	26.0	26.4	26.9
	12H	25.7	26.0	26.3	26.5	27.0	25.6	25.9	26.1	26.4	26.9
12H	4H	24.8	25.3	25.3	25.7	26.2	25.3	25.8	25.8	26.2	26.7
	6H	25.4	25.7	25.9	26.2	26.7	25.6	25.9	26.1	26.4	26.9
	8H	25.6	25.9	26.1	26.4	26.9	25.7	26.0	26.3	26.5	27.0
Variations with the observer position at spacing:											
S =	1.0H	0.7 / -0.9					0.7 / -0.9				
	1.5H	1.4 / -1.7					1.4 / -1.7				
	2.0H	2.6 / -1.9					2.6 / -1.9				