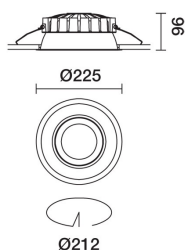
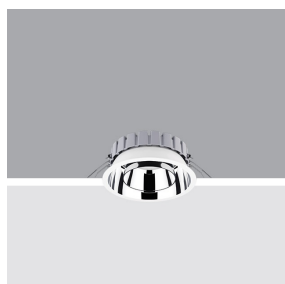


Last information update: March 2025

Product configuration: QG09.39

QG09.39: Ø 225 mm - neutral white - INVERTER - UGR<19 - 40.7W 4410lm - 4000K - White / Aluminium

**Product code**

QG09.39: Ø 225 mm - neutral white - INVERTER - UGR<19 - 40.7W 4410lm - 4000K - White / Aluminium

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). Light beam with UGR<19 L<3000 cd/m² ideal for environments with video terminals. 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 / Aluminium (39)

Weight (Kg)

1.68

Mounting

ceiling surface

Wiring

product complete with INVERTER

Complies with EN60598-1 and pertinent regulations



IP20

IP44

On the visible part of the product once installed

**Technical data**

lm system:	4410	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	40.7	Lamp code:	LED
lm source:	5250	Number of lamps for optical assembly:	1
W source:	32	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	108.4	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.) [%]:	84	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		

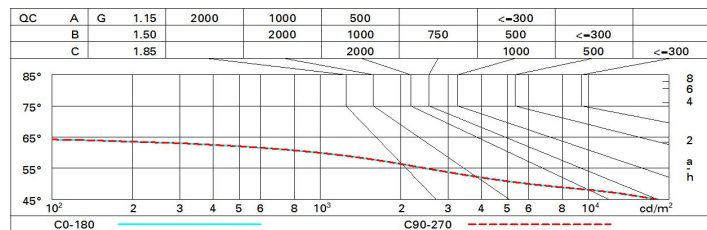
Polar

	Lux			
	h	d	Em	E _{max}
	2	2.5	798	991
	4	5.1	200	248
	6	7.6	89	110
α = 65°				
	8	10.2	50	62

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	73	69	66	63	68	65	65	62	73
1.0	77	73	70	68	72	70	69	66	79
1.5	82	79	76	74	78	76	75	72	86
2.0	85	82	81	79	81	80	79	76	91
2.5	86	85	83	82	83	82	81	79	94
3.0	87	86	85	84	85	84	83	81	96
4.0	89	88	87	86	86	86	84	82	98
5.0	89	88	88	87	87	86	85	83	99

Luminance curve limit



UGR diagram

Corrected UGR values (at 5250 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
		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
2H	2H	18.1	18.8	18.4	19.0	19.2	18.1	18.8	18.4	19.0	19.2
	3H	18.0	18.6	18.3	18.8	19.1	18.0	18.6	18.3	18.8	19.1
	4H	17.9	18.4	18.3	18.7	19.0	17.9	18.4	18.3	18.7	19.0
	6H	17.8	18.3	18.2	18.6	19.0	17.9	18.3	18.2	18.6	19.0
	8H	17.8	18.3	18.2	18.6	18.9	17.8	18.3	18.2	18.6	18.9
	12H	17.8	18.2	18.1	18.5	18.9	17.8	18.2	18.2	18.6	18.9
4H	2H	17.9	18.4	18.3	18.7	19.0	17.9	18.4	18.3	18.7	19.0
	3H	17.8	18.2	18.2	18.6	18.9	17.8	18.2	18.2	18.6	18.9
	4H	17.7	18.1	18.1	18.4	18.8	17.7	18.1	18.1	18.4	18.8
	6H	17.6	17.9	18.0	18.3	18.8	17.6	17.9	18.0	18.3	18.8
	8H	17.6	17.9	18.0	18.3	18.7	17.6	17.9	18.0	18.3	18.7
	12H	17.5	17.8	18.0	18.2	18.7	17.5	17.8	18.0	18.2	18.7
8H	4H	17.6	17.9	18.0	18.3	18.7	17.6	17.9	18.0	18.3	18.7
	6H	17.5	17.7	17.9	18.2	18.6	17.5	17.7	17.9	18.2	18.6
	8H	17.4	17.6	17.9	18.1	18.6	17.4	17.6	17.9	18.1	18.6
	12H	17.4	17.5	17.9	18.0	18.5	17.4	17.5	17.9	18.0	18.5
12H	4H	17.5	17.8	18.0	18.2	18.7	17.5	17.8	18.0	18.2	18.7
	6H	17.4	17.6	17.9	18.1	18.6	17.4	17.6	17.9	18.1	18.6
	8H	17.4	17.5	17.9	18.0	18.5	17.4	17.5	17.9	18.0	18.5
Variations with the observer position at spacing:											
S =	1.0H	4.1 / -13.2					4.1 / -13.2				
	1.5H	6.8 / -26.0					6.8 / -26.0				
	2.0H	8.8 / -39.4					8.8 / -39.4				