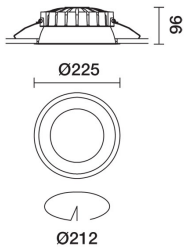
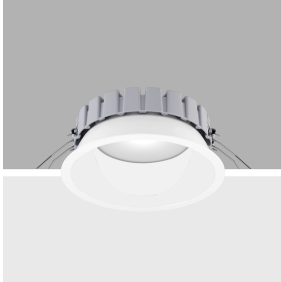


Last information update: June 2024

Product configuration: RL69.01

RL69.01: Ø 225 mm - warm white - INVERTER - White

**Product code**

RL69.01: 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 (3500K). 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: 4004

W system: 40.7

lm source: 4550

W source: 32

Luminous efficiency (lm/W,
real value): 98.4

lm in emergency mode: -

Total light flux at or above
an angle of 90° [Lm]: 0

Light Output Ratio (L.O.R.) 88

[%]:

CRI (minimum): 90

Colour temperature [K]: 3500

MacAdam Step: 2

Life Time LED 1: > 50,000h - L90 - B10 (Ta 25°C)

Lamp code: LED

Number of lamps for optical 1

assembly:

ZVEI Code: LED

Number of optical 1

assemblies:

Power factor: See installation instructions

Inrush current: 19.4 A / 250 µs

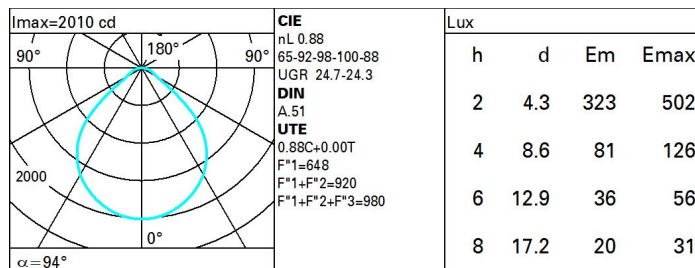
Maximum number of
luminaires of this type per
miniature circuit breaker:

B10A: 13 luminaires

B16A: 21 luminaires

C10A: 21 luminaires

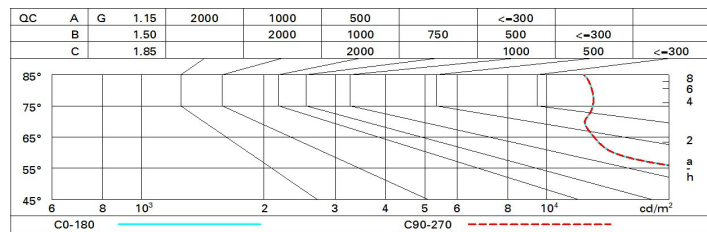
C16A: 35 luminaires

Overvoltage protection: 2kV Common mode & 1kV
Differential mode**Polar**

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 4550 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	23.3	24.2	23.6	24.5	24.7	23.3	24.2	23.6	24.5	24.7
	3H	23.6	24.5	23.9	24.7	25.0	23.3	24.2	23.7	24.5	24.8
	4H	23.8	24.6	24.2	24.9	25.2	23.3	24.1	23.7	24.4	24.7
	6H	24.1	24.8	24.4	25.1	25.4	23.3	24.0	23.7	24.3	24.7
	8H	24.2	24.9	24.5	25.2	25.5	23.3	24.0	23.7	24.3	24.7
	12H	24.2	24.9	24.6	25.2	25.6	23.2	23.9	23.6	24.3	24.6
4H	2H	23.3	24.1	23.7	24.4	24.7	23.8	24.6	24.2	24.9	25.2
	3H	23.8	24.5	24.2	24.9	25.2	24.1	24.7	24.5	25.1	25.5
	4H	24.2	24.8	24.6	25.2	25.5	24.2	24.8	24.6	25.2	25.5
	6H	24.6	25.1	25.0	25.5	25.9	24.3	24.8	24.7	25.2	25.6
	8H	24.7	25.2	25.2	25.6	26.0	24.3	24.8	24.7	25.2	25.6
	12H	24.8	25.2	25.3	25.7	26.1	24.3	24.7	24.8	25.2	25.6
8H	4H	24.3	24.8	24.7	25.2	25.6	24.7	25.2	25.2	25.6	26.0
	6H	24.8	25.2	25.3	25.6	26.1	24.9	25.3	25.4	25.8	26.2
	8H	25.0	25.4	25.5	25.8	26.3	25.0	25.4	25.5	25.8	26.3
	12H	25.2	25.5	25.7	26.0	26.5	25.1	25.4	25.6	25.9	26.4
12H	4H	24.3	24.7	24.8	25.2	25.6	24.8	25.2	25.3	25.7	26.1
	6H	24.8	25.2	25.3	25.6	26.1	25.1	25.4	25.6	25.9	26.4
	8H	25.1	25.4	25.6	25.9	26.4	25.2	25.5	25.7	26.0	26.5
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				