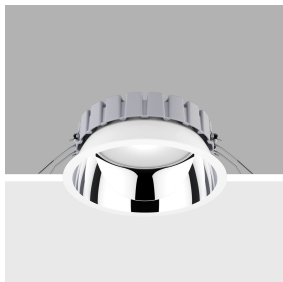


Last information update: June 2024

Product configuration: RL69.39

RL69.39: Ø 225 mm - warm white - INVERTER - White/Aluminium

**Product code**

RL69.39: Ø 225 mm - warm white - INVERTER - 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 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 / Aluminium (39)

Weight (Kg)

1.68

Mounting

ceiling surface

Wiring

product complete with INVERTER for safety light.

Complies with EN60598-1 and pertinent regulations



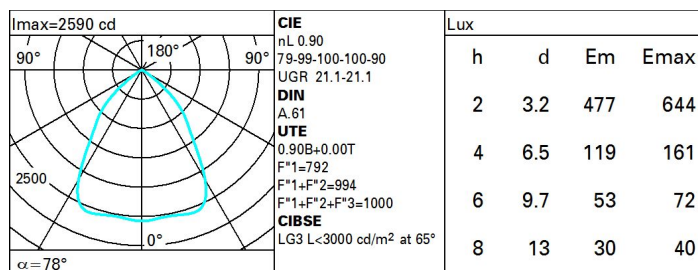
IP20

IP54

On the visible part of the product once installed

**Technical data**

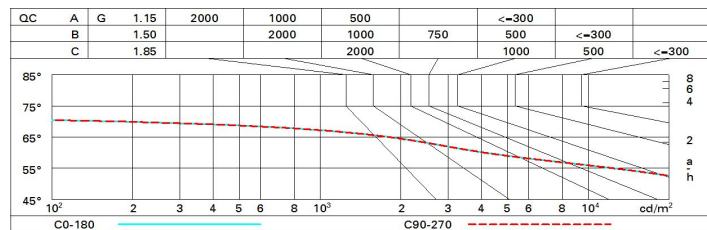
lm system:	4095	MacAdam Step:	2
W system:	40.7	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
lm source:	4550	Lamp code:	LED
W source:	32	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	100.6	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	90	Inrush current:	19.4 A / 250 µs
CRI (minimum):	90	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 13 luminaires B16A: 21 luminaires C10A: 21 luminaires C16A: 35 luminaires
Colour temperature [K]:	3500	Overvoltage protection:	2kV Common mode & 1kV Differential mode

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	73	66	62	58	65	61	61	57	63
1.0	78	72	68	65	71	67	67	63	70
1.5	85	80	77	74	79	76	75	72	80
2.0	88	85	83	80	84	82	80	77	86
2.5	90	88	86	84	87	85	84	80	89
3.0	92	90	88	87	88	87	86	83	92
4.0	93	92	90	89	90	89	88	85	94
5.0	94	93	92	91	91	90	89	86	95

Luminance curve limit



UGR diagram

Corrected UGR values (at 4550 lm bare lamp luminous flux)											
Reflect.: ceiling walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	21.0	22.4	21.9	22.7	22.9	21.0	22.4	21.9	22.7	22.9
	3H	21.5	22.2	21.8	22.5	22.8	21.5	22.3	21.9	22.5	22.8
	4H	21.4	22.1	21.8	22.4	22.7	21.5	22.1	21.8	22.4	22.7
	6H	21.3	22.0	21.7	22.3	22.6	21.4	22.0	21.8	22.3	22.7
	8H	21.3	21.9	21.7	22.2	22.6	21.4	21.9	21.7	22.3	22.6
	12H	21.3	21.8	21.7	22.2	22.5	21.3	21.9	21.7	22.2	22.6
4H	2H	21.5	22.1	21.8	22.4	22.7	21.4	22.1	21.8	22.4	22.7
	3H	21.3	21.9	21.7	22.2	22.6	21.3	21.9	21.7	22.2	22.6
	4H	21.2	21.7	21.6	22.1	22.5	21.2	21.7	21.6	22.1	22.5
	6H	21.2	21.6	21.6	22.0	22.4	21.2	21.6	21.6	22.0	22.4
	8H	21.1	21.5	21.6	21.9	22.4	21.1	21.5	21.6	21.9	22.4
	12H	21.1	21.4	21.5	21.8	22.3	21.1	21.4	21.5	21.8	22.3
8H	4H	21.1	21.5	21.6	21.9	22.4	21.1	21.5	21.6	21.9	22.4
	6H	21.0	21.3	21.5	21.8	22.3	21.0	21.3	21.5	21.8	22.3
	8H	21.0	21.2	21.5	21.7	22.2	21.0	21.2	21.5	21.7	22.2
	12H	20.9	21.2	21.4	21.6	22.2	20.9	21.2	21.4	21.6	22.2
12H	4H	21.1	21.4	21.5	21.8	22.3	21.1	21.4	21.5	21.8	22.3
	6H	21.0	21.2	21.5	21.7	22.2	21.0	21.2	21.5	21.7	22.2
	8H	20.9	21.2	21.4	21.6	22.2	20.9	21.2	21.4	21.6	22.2
Variations with the observer position at spacing:											
S =		1.0H					1.6 / -5.3				
		1.5H					3.4 / -13.7				
		2.0H					5.4 / -22.1				