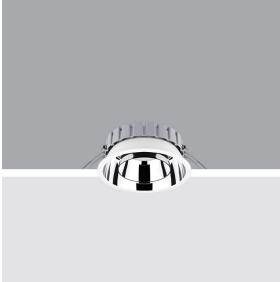


Last information update: February 2025

Product configuration: RL77.39

RL77.39: Ø 225 mm - warm white - DALI - UGR<19 - 25.3W 2688lm - 3500K - CRI 90 - White / Aluminium



Product code

RL77.39: Ø 225 mm - warm white - DALI - UGR<19 - 25.3W 2688lm - 3500K - CRI 90 - 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). Light beam with UGR<19 L<3000 cd/m² ideal for environments with video terminals.

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)

1.03

Mounting

ceiling surface

Wiring

product complete with DALI components

Complies with EN60598-1 and pertinent regulations

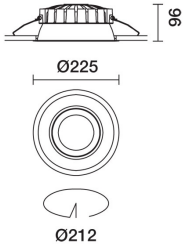


IP20



IP44

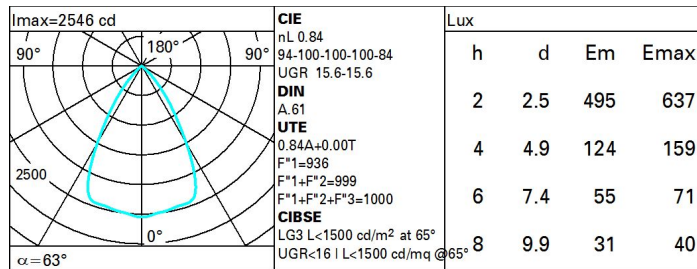
On the visible part of the product once installed



Technical data

lm system:	2688	Colour temperature [K]:	3500
W system:	25.3	MacAdam Step:	2
lm source:	3200	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	22	Lamp code:	LED
Luminous efficiency (lm/W, real value):	106.2	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	84	Control:	DALI-2
CRI (minimum):	90		

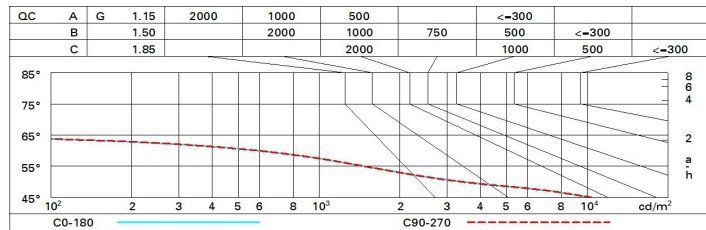
Polar



Utilisation factors

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

Luminance curve limit



UGR diagram

Corrected UGR values (at 3200 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling	cav	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim		viewed crosswise					viewed endwise				
x	y										
2H	2H	10.2	10.9	10.5	17.2	17.4	10.2	10.9	10.5	17.2	17.4
	3H	10.1	10.7	10.4	17.0	17.3	10.1	10.7	10.4	17.0	17.3
	4H	10.0	10.6	10.3	10.9	17.2	10.0	10.6	10.3	10.9	17.2
	0H	15.9	10.5	10.3	10.8	17.1	15.9	10.5	10.3	10.8	17.1
	8H	15.9	10.4	10.3	10.7	17.1	15.9	10.4	10.3	10.7	17.1
	12H	15.8	10.3	10.2	10.7	17.0	15.9	10.3	10.2	10.7	17.0
4H	2H	10.0	10.0	10.3	10.9	17.2	10.0	10.0	10.3	10.9	17.2
	3H	15.9	10.3	10.2	10.7	17.0	15.9	10.3	10.2	10.7	17.0
	4H	15.8	10.2	10.2	10.6	17.0	15.8	10.2	10.2	10.6	17.0
	6H	15.7	10.1	10.1	10.5	10.9	15.7	10.1	10.1	10.5	10.9
	8H	15.6	10.0	10.1	10.4	10.8	15.6	10.0	10.1	10.4	10.8
	12H	15.6	15.9	10.0	10.3	10.8	15.6	15.9	10.0	10.3	10.8
8H	4H	15.6	10.0	10.1	10.4	10.8	15.6	10.0	10.1	10.4	10.8
	0H	15.5	15.8	10.0	10.3	10.7	15.5	15.8	10.0	10.3	10.7
	8H	15.5	15.7	10.0	10.2	10.7	15.5	15.7	10.0	10.2	10.7
	12H	15.4	15.6	15.9	10.1	10.7	15.4	15.6	15.9	10.1	10.7
12H	4H	15.6	15.9	10.0	10.3	10.8	15.6	15.9	10.0	10.3	10.8
	0H	15.5	15.7	10.0	10.2	10.7	15.5	15.7	10.0	10.2	10.7
	8H	15.4	15.6	15.9	10.1	10.7	15.4	15.6	15.9	10.1	10.7
Variations with the observer position at spacing:											
S =	1.0H	4.1 / -13.1					4.1 / -13.1				
	1.5H	0.8 / -25.9					0.8 / -25.9				
	2.0H	0.8 / -37.8					0.8 / -37.8				