

Last information update: May 2025

**Product configuration: P530.39**

P530.39: Fixed circular recessed luminaire - Ø212 mm - neutral white - flood optic - UGR&lt;10 - 43.4W 4966.3lm - 4000K - White / Aluminium

**Product code**

P530.39: Fixed circular recessed luminaire - Ø212 mm - neutral white - flood optic - UGR&lt;10 - 43.4W 4966.3lm - 4000K - White / Aluminium

**Technical description**

Fixed round luminaire designed to use a LED lamp with C.O.B. technology. Version with rim for surface-mounting. Optic with supercomfort reflector vacuum-metallised with aluminium vapours and an anti-scratch protective layer. Die-cast aluminium body and passive dissipation system. Product complete with LED lamp in neutral white colour tone (4,000K). General light emission, with controlled luminance UGR<10 1500 cd/m<sup>2</sup> α>65° flood optic.

**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)**

2

**Mounting**

ceiling recessed

**Wiring**

product complete with DALI components

**Notes**

TPb rated

Complies with EN60598-1 and pertinent regulations



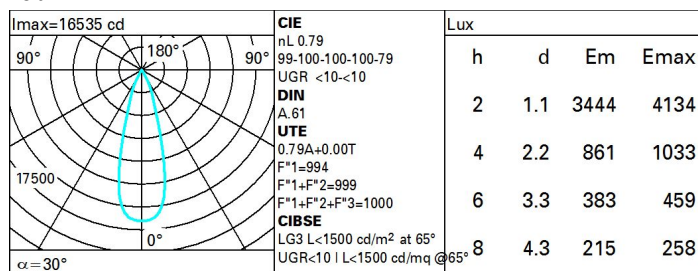
IP20

IP54

On the visible part of the product once installed

**Technical data**

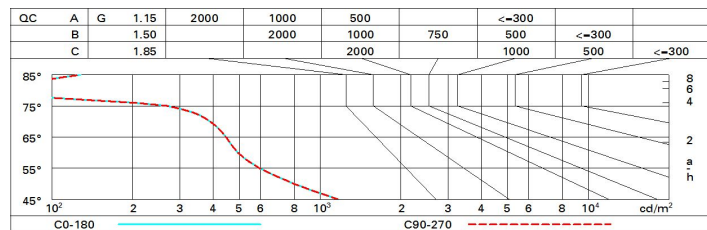
lm system:	4966	MacAdam Step:	2
W system:	43.4	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
lm source:	6300	Lamp code:	LED
W source:	39	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	114.4	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	79	Inrush current:	30 A / 200 µs
Beam angle [°]:	30°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 12 luminaires B16A: 20 luminaires C10A: 20 luminaires C16A: 34 luminaires
CRI (minimum):	80	Minimum dimming %:	1
Rf (Colour Fidelity Index):	83	Overvoltage protection:	2kV Common mode & 2kV Differential mode
Rg (Gamut Index):	94	Control:	DALI-2
Colour temperature [K]:	4000		

**Polar**

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	67	65	63	67	64	64	62	78
1.0	74	71	68	67	70	68	68	65	83
1.5	78	75	73	72	74	73	72	70	88
2.0	80	78	77	76	77	76	75	73	93
2.5	82	80	79	78	79	78	77	75	96
3.0	83	82	81	80	81	80	79	77	98
4.0	84	83	83	82	82	81	80	78	99
5.0	84	84	83	83	82	82	81	79	100

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 6300 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	1.0	3.1	1.4	3.5	3.8	1.0	3.1	1.4	3.5	3.8
	3H	1.1	2.8	1.4	3.1	3.4	0.9	2.6	1.3	3.0	3.3
	4H	1.1	2.5	1.5	2.8	3.2	0.9	2.4	1.3	2.7	3.0
	6H	1.0	2.2	1.4	2.5	2.9	0.9	2.0	1.3	2.4	2.7
	8H	1.0	2.1	1.4	2.5	2.8	0.8	2.0	1.2	2.3	2.7
	12H	1.0	2.0	1.4	2.4	2.8	0.8	1.9	1.2	2.2	2.6
4H	2H	0.9	2.4	1.3	2.7	3.0	1.1	2.5	1.5	2.8	3.2
	3H	1.1	2.1	1.5	2.5	2.9	1.1	2.2	1.5	2.5	2.9
	4H	1.1	2.0	1.5	2.4	2.8	1.1	2.0	1.5	2.4	2.8
	6H	0.7	2.4	1.2	2.8	3.3	0.7	2.4	1.2	2.8	3.3
	8H	0.6	2.5	1.1	2.9	3.4	0.6	2.5	1.1	2.9	3.4
	12H	0.5	2.4	1.0	2.9	3.4	0.5	2.5	1.0	2.9	3.5
8H	4H	0.6	2.5	1.1	2.9	3.4	0.6	2.5	1.1	2.9	3.4
	6H	0.5	2.3	1.0	2.8	3.3	0.5	2.3	1.0	2.8	3.3
	8H	0.5	2.1	1.0	2.6	3.2	0.5	2.1	1.0	2.6	3.2
	12H	0.6	1.7	1.2	2.2	2.7	0.6	1.7	1.1	2.2	2.7
12H	4H	0.5	2.5	1.0	2.9	3.5	0.5	2.4	1.0	2.9	3.4
	6H	0.5	2.1	1.0	2.6	3.2	0.5	2.1	1.0	2.6	3.2
	8H	0.6	1.7	1.1	2.2	2.7	0.6	1.7	1.2	2.2	2.7
Variations with the observer position at spacing:											
S =		1.0H					5.2 / -4.5				
		1.5H					7.8 / -5.4				
		2.0H					9.8 / -5.9				