

Last information update: April 2025

**Product configuration: P528**

P528: Fixed circular recessed luminaire - Ø125 mm - warm white - wide flood optic - UGR<10 - DALI



**Product code**

P528: Fixed circular recessed luminaire - Ø125 mm - warm white - wide flood optic - UGR<10 - DALI

**Technical description**

Fixed round luminaire designed to use a LED lamp with C.O.B. technology. Version with rim for surface-mounting. Optic with super comfort 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 warm white colour tone CRI90 (3000K). General light emission, with controlled luminance UGR<10 1500 cd/m2  $\alpha$ >65° wide 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)**

1.15

**Mounting**

ceiling recessed

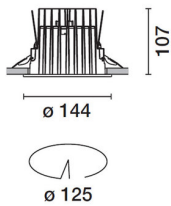
**Wiring**

product complete with DALI components

**Notes**

TPb rated

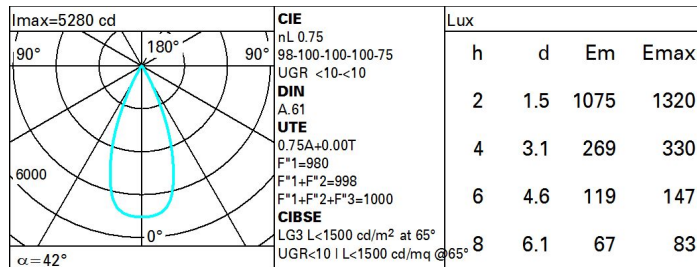
Complies with EN60598-1 and pertinent regulations



**Technical data**

Im system:	2547	CRI (minimum):	90
W system:	31.2	Colour temperature [K]:	3000
Im source:	3400	MacAdam Step:	2
W source:	28	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	81.6	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	75	Number of optical assemblies:	1
Beam angle [°]:	42°	Control:	DALI-2

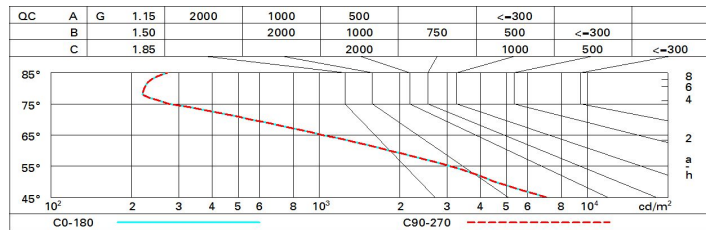
**Polar**



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	67	63	61	59	63	61	60	58	77
1.0	70	67	65	63	66	64	64	61	82
1.5	74	71	69	68	70	69	68	66	88
2.0	76	74	73	72	73	72	71	69	92
2.5	78	76	75	74	75	74	73	71	95
3.0	78	78	77	76	76	76	75	73	97
4.0	79	79	78	78	77	77	76	74	99
5.0	80	79	79	79	78	78	77	75	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 3400 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											
x	y										
2H	2H	8.9	9.5	9.2	9.8	10.0	8.9	9.5	9.2	9.8	10.0
	3H	8.9	9.4	9.2	9.7	9.9	8.9	9.4	9.2	9.7	10.0
	4H	8.8	9.3	9.1	9.6	9.9	8.8	9.3	9.2	9.6	9.9
	6H	8.7	9.2	9.1	9.5	9.8	8.7	9.2	9.1	9.5	9.8
	8H	8.7	9.1	9.0	9.4	9.8	8.7	9.2	9.1	9.5	9.8
	12H	8.6	9.1	9.0	9.4	9.8	8.7	9.1	9.1	9.4	9.8
4H	2H	8.8	9.3	9.2	9.6	9.9	8.8	9.3	9.1	9.6	9.9
	3H	8.7	9.2	9.1	9.5	9.8	8.7	9.2	9.1	9.5	9.8
	4H	8.7	9.0	9.1	9.4	9.8	8.7	9.0	9.1	9.4	9.8
	6H	8.6	8.9	9.0	9.3	9.7	8.6	8.9	9.0	9.3	9.7
	8H	8.5	8.8	9.0	9.2	9.7	8.5	8.8	9.0	9.2	9.7
	12H	8.5	8.8	8.9	9.2	9.6	8.5	8.7	8.9	9.2	9.6
8H	4H	8.5	8.8	9.0	9.2	9.7	8.5	8.8	9.0	9.2	9.7
	6H	8.4	8.7	8.9	9.1	9.6	8.4	8.7	8.9	9.1	9.6
	8H	8.4	8.6	8.9	9.1	9.6	8.4	8.6	8.9	9.1	9.6
	12H	8.4	8.5	8.9	9.0	9.5	8.3	8.5	8.8	9.0	9.5
12H	4H	8.5	8.7	8.9	9.2	9.6	8.5	8.8	8.9	9.2	9.6
	6H	8.4	8.6	8.9	9.1	9.6	8.4	8.6	8.9	9.1	9.6
	8H	8.3	8.5	8.8	9.0	9.5	8.4	8.5	8.9	9.0	9.5
Variations with the observer position at spacing:											
S =	1.0H	3.9 / -4.4					3.9 / -4.4				
	1.5H	6.4 / -7.9					6.4 / -7.9				
	2.0H	8.4 / -10.8					8.4 / -10.8				