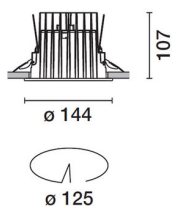
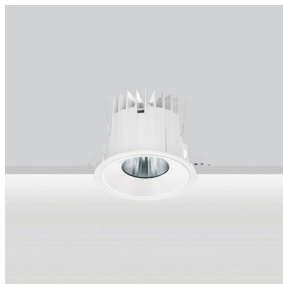


Last information update: April 2024

**Product configuration: P526**

P526: Fixed circular recessed luminaire - Ø125 mm - warm white - medium optic - UGR&lt;10 - DALI

**Product code**

P526: Fixed circular recessed luminaire - Ø125 mm - warm white - medium optic - UGR&lt;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/m<sup>2</sup> α>65° medium 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

Complies with EN60598-1 and pertinent regulations



IP20

IP54

On the visible part of the product once installed

**Technical data**

lm system:	2380	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	31.2	Lamp code:	LED
lm source:	3400	Number of lamps for optical assembly:	1
W source:	28	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	76.3	Number of optical assemblies:	1
lm in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	0	Inrush current:	18 A / 250 µs
Light Output Ratio (L.O.R.) [%]:	70	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 21 luminaires B16A: 34 luminaires C10A: 35 luminaires C16A: 57 luminaires
Beam angle [°]:	18°	Minimum dimming %:	1
CRI (minimum):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	3000	Control:	DALI-2
MacAdam Step:	2		

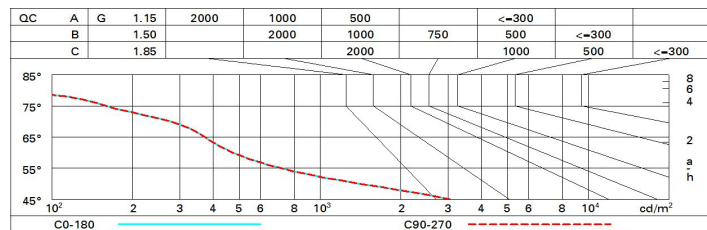
**Polar**

Imax=14406 cd		CIE		Lux			
90°	180°	nL 0.70	99-100-100-100-70	h	d	Em	Emax
		UGR <10-10	DIN A.61	2	0.6	2873	3602
		UTE 0.70A+0.00T	F*1=992	4	1.3	718	900
		F*1+F*2=999	F*1+F*2+F*3=1000	6	1.9	319	400
		CIBSE LG3 L<1500 cd/m <sup>2</sup> at 65°	UGR<10   L<1500 cd/m <sup>2</sup> @ 65°	8	2.5	180	225
α = 18°							

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	63	60	57	56	59	57	57	55	78
1.0	66	63	61	59	62	60	60	58	83
1.5	69	67	65	64	66	65	64	62	88
2.0	71	70	68	67	69	68	67	65	93
2.5	73	71	70	70	70	70	69	67	96
3.0	73	73	72	71	72	71	70	68	98
4.0	74	74	73	73	73	72	71	69	99
5.0	75	74	74	74	73	73	72	70	100

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 3400 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	2.7	4.8	3.1	5.1	5.5	2.7	4.8	3.1	5.1	5.5
	3H	2.6	4.2	3.0	4.5	4.9	2.6	4.2	3.0	4.5	4.8
	4H	2.6	3.9	3.0	4.2	4.5	2.6	3.9	2.9	4.2	4.5
	6H	2.5	3.5	2.9	3.9	4.2	2.5	3.5	2.9	3.9	4.2
	8H	2.5	3.5	2.9	3.9	4.2	2.5	3.5	2.9	3.8	4.2
	12H	2.4	3.5	2.8	3.8	4.2	2.4	3.4	2.8	3.8	4.2
4H	2H	2.6	3.9	2.9	4.2	4.5	2.6	3.9	3.0	4.2	4.5
	3H	2.5	3.5	2.9	3.9	4.3	2.5	3.5	2.9	3.9	4.3
	4H	2.3	3.4	2.8	3.8	4.2	2.3	3.4	2.8	3.8	4.2
	6H	2.0	3.7	2.5	4.2	4.6	2.0	3.7	2.5	4.2	4.6
	8H	1.9	3.8	2.4	4.2	4.7	1.9	3.8	2.4	4.2	4.7
	12H	1.8	3.7	2.3	4.2	4.7	1.8	3.7	2.3	4.2	4.7
8H	4H	1.9	3.8	2.4	4.2	4.7	1.9	3.8	2.4	4.2	4.7
	6H	1.8	3.6	2.3	4.0	4.6	1.8	3.6	2.3	4.0	4.6
	8H	1.8	3.3	2.3	3.8	4.3	1.8	3.3	2.3	3.8	4.3
	12H	2.0	2.9	2.5	3.4	3.9	2.0	2.9	2.5	3.4	3.9
12H	4H	1.8	3.7	2.3	4.2	4.7	1.8	3.7	2.3	4.2	4.7
	6H	1.8	3.3	2.3	3.8	4.3	1.8	3.3	2.3	3.8	4.3
	8H	2.0	2.9	2.5	3.4	3.9	2.0	2.9	2.5	3.4	3.9
Variations with the observer position at spacing:											
S =	1.0H	4.5 / -7.3					4.5 / -7.3				
	1.5H	7.2 / -9.3					7.2 / -9.3				
	2.0H	9.2 / -10.1					9.2 / -10.1				