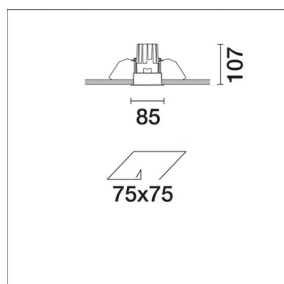
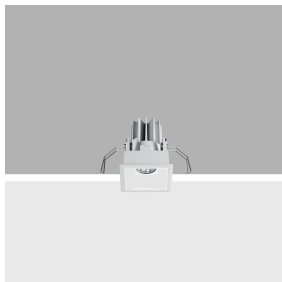


Last information update: July 2025

Product configuration: N157.01

N157.01: Fixed, Recessed luminaire - Warm LED- Electronic control gear included - Flood optic Beam - White

**Product code**N157.01: Fixed, Recessed luminaire - Warm LED- Electronic control gear included - Flood optic Beam - White **Attention! Code no longer in production****Technical description**

Fixed optic, recessed luminaire for a 2700K warm white LED lamp with a high color rendering index. Passive heat dissipation system. Lamp body with die-cast aluminium radiant surface, version with perimeter surface frame. Metallised, thermoplastic, high definition optic, integrated in a rear position in the anti-glare screen. Glass cover for LED lamp. The structure of the optical system produces light emission with controlled luminance ($UGR < 19$). Equipped with an electronic ballast connected to the luminaire.

Installation

recessed with steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole 75 x 75. Installation permitted in either a horizontal or vertical position.

Colour

White (01)

Weight (Kg)

0.5

Mounting

wall recessed/ceiling recessed

Wiring

on the control gear box with quick-coupling connections.

Notes

The product with its white finish (01) includes an optic ring for limiting luminance; a feature that renders a performance of $UGR < 19$ and determines slight variations in the opening of the optic (32°) and yield (0.73).

Complies with EN60598-1 and pertinent regulations



IP20

IP44

On the visible part of the product once installed

**Technical data**

lm system:	850	CRI (minimum):	90
W system:	11.4	Colour temperature [K]:	2700
lm source:	1150	MacAdam Step:	2
W source:	8.9	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	74.6	Voltage [Vin]:	230
lm in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	74	ZVEI Code:	LED
Beam angle $[\alpha]$:	32°	Number of optical assemblies:	1

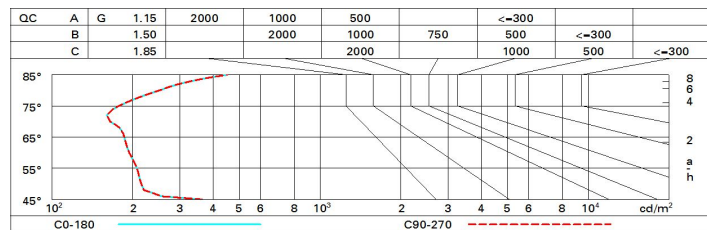
Polar

<p>Imax=2600 cd $\alpha = 32^\circ$</p>	CIE nL 0.74 100-100-100-100-74 UGR <10-10 DIN A.61 UTE 0.74A+0.00T F*1=997 F*1+F*2=999 F*1+F*2+F*3=1000 CIBSE LG3 L<1500 cd/m ² at 65° UGR<10 L<1500 cd/mq @65°			
	h	d	Em	Emax
	2	1.1	511	650
	4	2.3	128	162
	6	3.4	57	72
	8	4.6	32	41

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	67	63	61	59	63	61	60	58	78
1.0	70	67	64	63	66	64	64	61	83
1.5	73	71	69	67	70	68	68	65	89
2.0	75	74	72	71	73	71	71	69	93
2.5	77	76	75	74	74	74	73	71	96
3.0	78	77	76	75	76	75	74	72	98
4.0	79	78	78	77	77	76	75	73	99
5.0	79	79	78	78	77	77	76	74	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 1150 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	5.5	6.0	5.7	6.2	6.5	5.5	6.0	5.7	6.2	6.5
	3H	5.3	5.8	5.6	6.1	6.4	5.3	5.8	5.6	6.1	6.4
	4H	5.3	5.7	5.6	6.0	6.3	5.3	5.7	5.6	6.0	6.3
	6H	5.2	5.6	5.6	5.9	6.3	5.2	5.6	5.5	5.9	6.2
	8H	5.2	5.6	5.5	5.9	6.2	5.1	5.5	5.5	5.9	6.2
	12H	5.2	5.5	5.5	5.9	6.2	5.1	5.5	5.5	5.8	6.2
4H	2H	5.3	5.7	5.6	6.0	6.3	5.3	5.7	5.6	6.0	6.3
	3H	5.1	5.5	5.5	5.8	6.2	5.1	5.5	5.5	5.8	6.2
	4H	5.0	5.4	5.4	5.7	6.1	5.0	5.4	5.4	5.7	6.1
	6H	5.0	5.3	5.4	5.7	6.1	5.0	5.3	5.4	5.7	6.1
	8H	4.9	5.2	5.4	5.6	6.1	4.9	5.2	5.4	5.6	6.0
	12H	4.9	5.2	5.4	5.6	6.1	4.9	5.1	5.3	5.5	6.0
8H	4H	4.9	5.2	5.4	5.6	6.0	4.9	5.2	5.4	5.6	6.1
	6H	4.9	5.1	5.3	5.5	6.0	4.9	5.1	5.3	5.5	6.0
	8H	4.8	5.0	5.3	5.5	6.0	4.8	5.0	5.3	5.5	6.0
	12H	4.8	5.0	5.3	5.5	6.0	4.8	5.0	5.3	5.4	6.0
12H	4H	4.9	5.1	5.3	5.5	6.0	4.9	5.2	5.4	5.6	6.1
	6H	4.8	5.0	5.3	5.5	6.0	4.9	5.1	5.3	5.5	6.0
	8H	4.8	5.0	5.3	5.4	6.0	4.8	5.0	5.3	5.5	6.0
Variations with the observer position at spacing:											
S =	1.0H	6.4 / -9.8					6.4 / -9.8				
	1.5H	9.2 / -10.0					9.2 / -10.0				
	2.0H	11.1 / -10.2					11.1 / -10.2				