

Last information update: March 2025

**Product configuration: R589**

R589: Recessed frame - LED - Neutral white - Incorporated DALI dimmable power supply - Wall washer optic



**Product code**

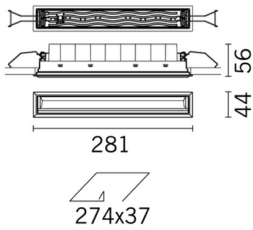
R589: Recessed frame - LED - Neutral white - Incorporated DALI dimmable power supply - Wall washer optic

**Technical description**

Miniaturized recessed rectangular luminaire with LEDs. Main body with die-cast aluminium radiant surface, version with perimeter surface frame. Asymmetrical optic system designed to achieve an effective wall washer distribution. Flux enhancer - superpure aluminium reflector - screen in PMMA with ribbed texture; a special film in acrylic material, combined with the screen, allow for a uniform and effective light emission on the wall. Black polycarbonate internal perimeter frame. Supplied with DALI dimmable control gear connected to the luminaire. Neutral white LED.

**Installation**

recessed with steel springs for false ceilings from 1 to 25 mm; can be installed on ceilings and walls (vertical + horizontal) - preparation slot 37 x 274. To light the wall correctly check the installation distances and centre-to-centre distances on the instructions sheet.



**Colour**

Black / Black (43) | Black / White (47) | Grey / Black (74)\*

**Weight (Kg)**

0.65

\* Colours on request

**Mounting**

wall recessed|ceiling recessed

**Wiring**

on power box: screw connections

**Notes**

dimming function with pushbutton (TOUCH DIM/PUSH): for this option consult the instructions included in the package. Accessory anti-glare screen available code MPX8.

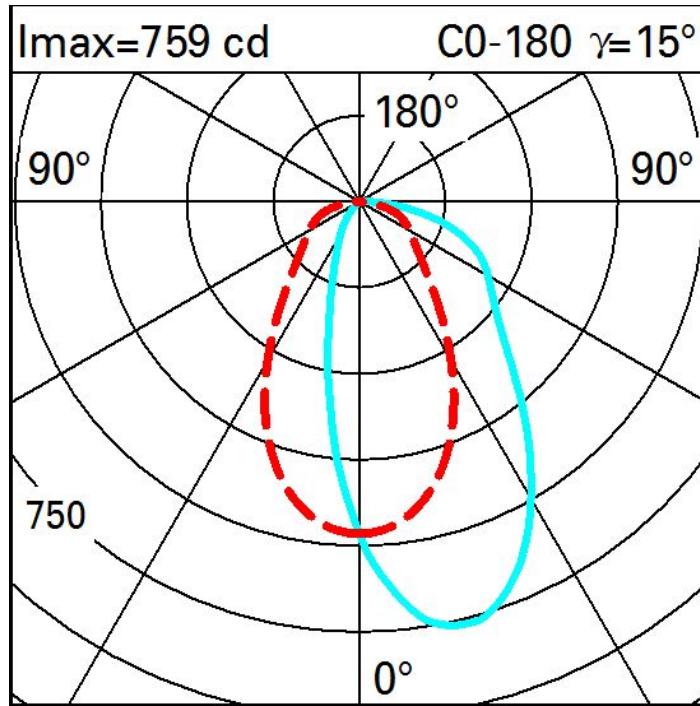
Complies with EN60598-1 and pertinent regulations



**Technical data**

lm system:	940	CRI (typical):	92
W system:	23.2	Colour temperature [K]:	4000
lm source:	2350	MacAdam Step:	3
W source:	20	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	40.5	Lamp code:	LED
lm 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.) [%]:	40	Number of optical assemblies:	1
CRI (minimum):	90	Control:	DALI-2

Polar



Illuminances

Lux      Wall distance = 1m

3													
	2	5	12	32	97	174	97	32	12	5	2		
2	4	8	17	40	93	131	93	40	17	8	4		
	5	8	18	40	75	95	75	40	18	8	5		
1	5	8	17	33	52	62	52	33	17	8	5		
	4	8	15	24	34	39	34	24	15	8	4		
0													
	m	-2	-1	0	1	2	3						