Laser Blade

Last information update: March 2025

Product configuration: R593
R593: Recessed frame - LED - Neutral white - Incorporated DALI dimmable power supply - Wall washer optic
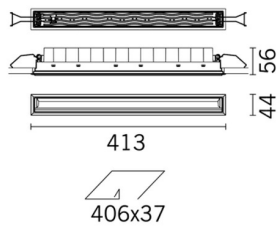
Product code
R593: Recessed frame - LED - Neutral white - Incorporated DALI dimmable power supply - Wall washer optic

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 cealings and walls (vertical + horizontal) - preparation slot 37 x 406. To light the wall correctly check the installation distances and centre-to-centre distances on the instructions sheet.

Colour	**Weight (Kg)**
Black / Black (43) | Black / White (47) | Grey / Black (74)*	0.86

* 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 MPX9.
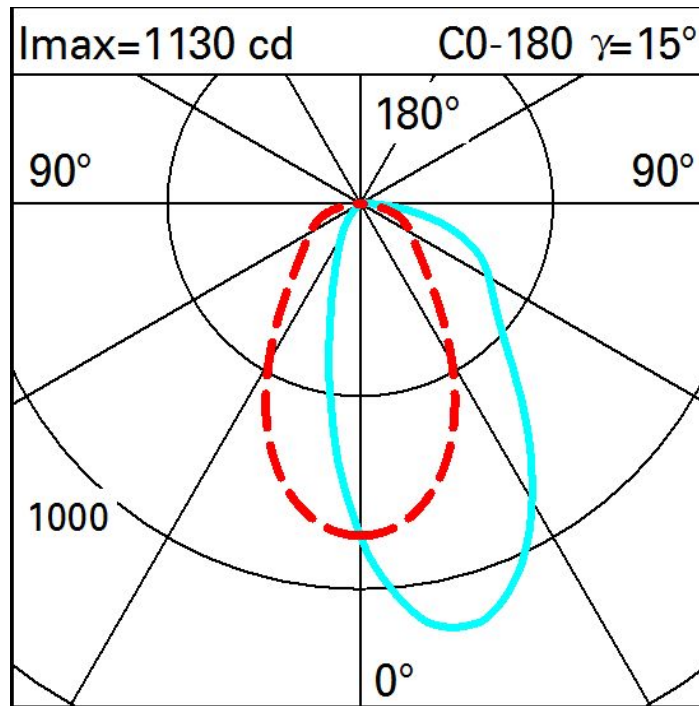
Complies with EN60598-1 and pertinent regulations

IP20   IP43   On the visible part of the product once installed   CE   UKCA

PEP eco PASS PORT

Technical data

lm system:	1400	CRI (typical):	92
W system:	33.5	Colour temperature [K]:	4000
lm source:	3500	MacAdam Step:	3
W source:	29	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	41.8	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

Imax=1130 cd   C0-180 γ=15°

180°

90°   90°

1000

0°

Illuminances

Lux											Wall distance = 1m

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Lux                          Wall distance = 1m
3 ●

    3    8   18   48  144  259  144   48   18    8    3

2  6 — 12 — 25 — 60 —138·194·138— 60 — 25 — 12 — 6

    7   13   26   60  111  141  111   60   26   13    7

1  7 — 12 — 25 — 49 —77 —92 —77 — 49 — 25 — 12 —7

    6   12   22   36   50   57   50   36   22   12    6

0
  m      -2       -1        0        1        2       3
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