Laser Blade

Design iGuzzini   **iGuzzini**

Last information update: March 2025

Product configuration: RB74

RB74: Recessed frame - LED - Neutral white - Incorporated DALI dimmable power supply - Wall washer optic
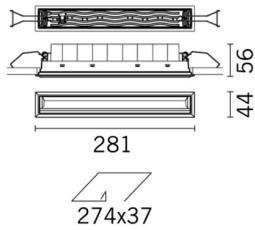
Product code

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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. Warm 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 274. 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)*	0.6

* 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.
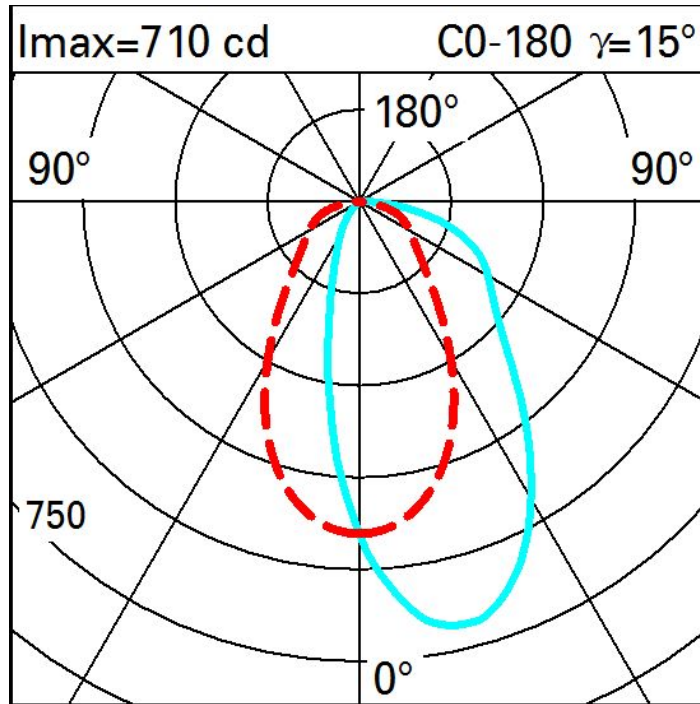
Complies with EN60598-1 and pertinent regulations

□ IP20 IP43 On the visible part of the product once installed CE 03 S QCERT PEP eco PASS PORT.

Technical data

lm system:	880	CRI (typical):	92
W system:	23.2	Colour temperature [K]:	3500
lm source:	2200	MacAdam Step:	3
W source:	20	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	37.9	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=710 cd   C0-180 γ=15°

90°   180°   90°

90°   90°

750

0°

Illuminances

Lux										Wall distance = 1m
2	5	11	30	90	163	90	30	11	5	2
4	8	16	38	87	122	87	38	16	8	4
4	8	17	38	70	89	70	38	17	8	4
4	8	16	31	48	58	48	31	16	8	4
4	8	14	23	32	36	32	23	14	8	4

m   -2   -1   0   1   2   3