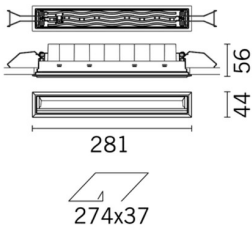# Laser Blade

Last information update: October 2024

**Product configuration: MV14**

MV14: Recessed frame - LED - Warm white - Incorporated DALI dimmable power supply - Wall washer optic

**Product code**

MV14: Recessed frame - LED - Warm 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. 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**
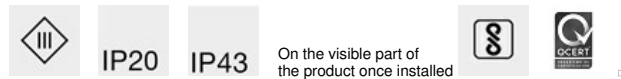
Black / Black (43) | Black / White (47)

**Mounting**

wall recessed|ceiling recessed

**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

On the visible part of the product once installed

**Technical data**

| | | | |
|---|---|---|---|
| lm system: | 880 | CRI (typical): | 92 |
| W system: | 20 | Colour temperature [K]: | 3000 |
| 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): | 44 | 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 | LED current [mA]: | 700 |

**Polar**

Imax=710 cd          C0-180 γ=15°

180°

90°          90°

750

0°

**Illuminances**

Lux                              Wall distance = 1m

| m | -2 | | -1 | | 0 | | 1 | | 2 | 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| 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 |