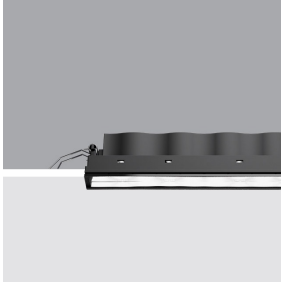## Laser Blade

Last information update: February 2025

Product configuration: QL45
QL45: Minimal section 3 x 5 LEDs - Wall Washer

Product code
QL45: Minimal section 3 x 5 LEDs - Wall Washer

Technical description
Linear recessed miniaturised luminaire for LED lamps, specialised for vertical wall lighting. The patented optic system guarantees a homogeneous and effective emission on the wall, as well as avoiding shadow zones near the ceiling. Main body with die-cast aluminium radiant surface, minimal (frameless) version for mounting flush with the ceiling. For recessed installation in a false ceiling a specific adapter is required that is available with a separate item code. Flux enhancer - superpure aluminium reflector - asymmetrical textured PMMA screen - black polycarbonate internal perimeter frame. Supplied with a power supply unit connected to the luminaire. High colour rendering LED.

Installation
The recess body is inserted in the specific adapter installed previously by means of a steel wire spring - check the thickness of the false ceiling and use a compatible frame available with a separate item code.
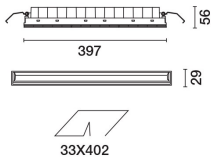
Colour	Weight (Kg)
Black (04)	0.85

Mounting
wall recessed|ceiling recessed

Wiring
on power supply box: screw connections.

Complies with EN60598-1 and pertinent regulations

IP20   IP43   On the visible part of the product once installed   CE   UKCA   S&E   CCC S&E   EAC   QCERT

NOM   IRAM   S   PEP eco PASSPORT

Technical data

lm system:	1189	CRI (typical):	97
W system:	35	Colour temperature [K]:	4000
lm source:	3050	MacAdam Step:	3
W source:	31	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	34	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.) [%]:	39	Number of optical assemblies:	1
CRI (minimum):	95	Control:	DALI-2

Polar

Imax=935 cd   C0-180 γ=14°

180°

90°   90°

900

0°
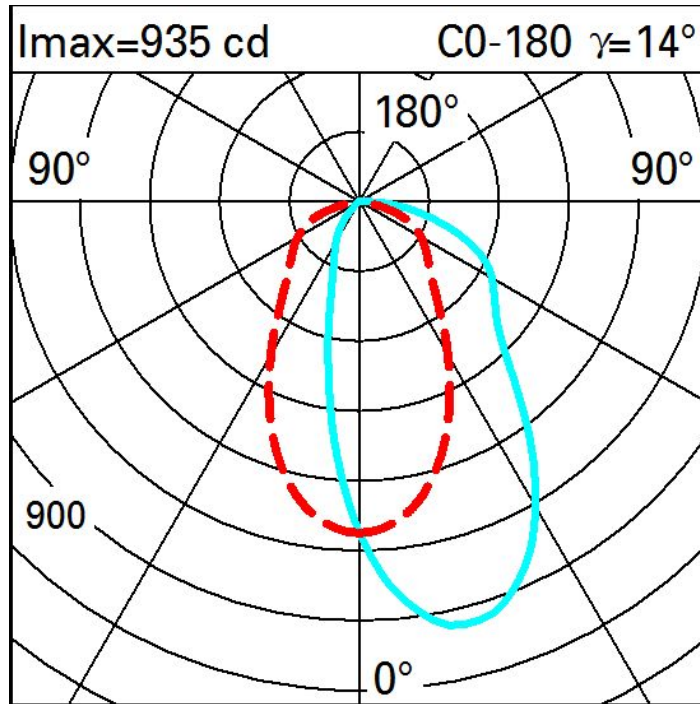
Illuminances

Lux										Wall distance = 1m

m	-2	-1	0	1	2	3

Row at 2.5: 3 7 17 46 129 218 129 46 17 7 3

Row at 2: 6 — 12 — 24 — 53 — 113 · 157 · 113 — 53 — 24 — 12 — 6

Row at 1.5: 7 12 23 48 91 118 91 48 23 12 7

Row at 1: 6 — 11 — 20 — 39 — 64 — 78 — 64 — 39 — 20 — 11 — 6

Row at 0.5: 6 10 18 29 42 48 42 29 18 10 6