

## Laser Blade

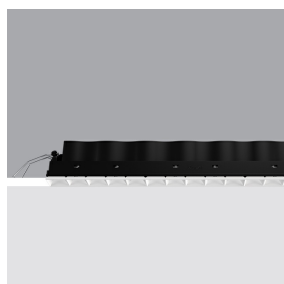
Design iGuzzini

iGuzzini

Last information update: February 2025

### Product configuration: QL29.01

QL29.01: Minimal 15 cells - Spot - LED - White



### Product code

QL29.01: Minimal 15 cells - Spot - LED - White

### Technical description

Linear miniaturised recessed luminaire with 15 optical elements for LED lamps - fixed optic. Die-cast aluminium body, minimal version (frameless) installed flush with ceiling. For recessed installation in a false ceiling a specific adapter is required that is available with a separate item code. Metallised thermoplastic high definition OptiBeam reflector, integrated in a rear position in the black anti-glare screen; the structure of the optical system prevents a pinpoint effect, allowing precise, circular light distribution and emission with controlled glare. Supplied with a dimmable DALI 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

White (01)

### Weight (Kg)

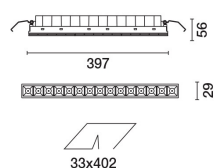
0.85

### Mounting

wall recessed|ceiling recessed

### Wiring

Quick-coupling connections on the ballast unit.



Complies with EN60598-1 and pertinent regulations



### Technical data

lm system:	2015	CRI (typical):	97
W system:	35	Colour temperature [K]:	2700
lm source:	2550	MacAdam Step:	3
W source:	31	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	57.6	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.) [%]:	79	Number of optical assemblies:	1
Beam angle [°]:	12°	Control:	DALI-2
CRI (minimum):	95		

### Polar

Imax=21818 cd		Lux			
		h	d	Em	Emax
	90°	2	0.4	4349	5455
	180°	4	0.8	1087	1364
	24000	6	1.3	483	606
	0°	8	1.7	272	341
$\alpha = 12^\circ$					

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	68	65	63	67	65	64	62	78
1.0	75	71	69	67	71	68	68	66	83
1.5	78	76	74	72	75	73	72	70	89
2.0	81	79	77	76	78	76	76	73	93
2.5	82	81	80	79	80	79	78	76	96
3.0	83	82	81	81	81	80	79	77	98
4.0	84	83	83	82	82	82	80	79	99
5.0	84	84	84	83	83	82	81	79	100

Luminance curve limit

