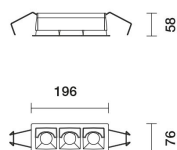
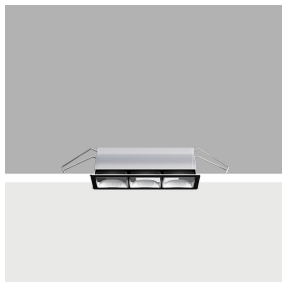


Last information update: May 2025

Product configuration: RD91.83

RD91.83: 3-cell recessed luminaire - Wall Washer - Transparent/Black

**Product code**

RD91.83: 3-cell recessed luminaire - Wall Washer - Transparent/Black

Technical description

Vertical recessed luminaire consisting of a lamp device and a 3-cell emission raster - model with operating components to be ordered separately. LED lamps with high color rendering index. Main body made of extruded aluminium - anodised finish - cast zamak end caps - natural finish. Polycarbonate LED lamp support. Steel wire fixing springs. The optical system consists of a translucent textured methacrylate raster, created with a catadioptric system (patented Opti Beam Diamond optic) - with no galvanic treatments - combined with a gloss finish PET cover. The raster includes multiple lens diaphragms for LED lamps. The combined application of specially shaped screens produces a high-definition, asymmetrical emission on a vertical surface. The accessory wiring components also include the use of several recessed luminaires with a single power supply unit.

Installation

recessed with steel wire contrast springs; slot to make in false ceiling: 63 x 183

Colour

Black Transparent (83)

Weight (Kg)

0.4

Mounting

ceiling recessed

Wiring

Drivers and wiring components are available with a separate item code. This system allows several recessed luminaires to be used (2 / 3 max) with a single power supply unit. For more detailed information, please look at the instruction sheet.

Notes

for the optimum installation distances for recessed wall washers, please look at the instruction sheet - Possibility of multiple uses through the use of splitters (mandatory) and connection extensions to be ordered separately.

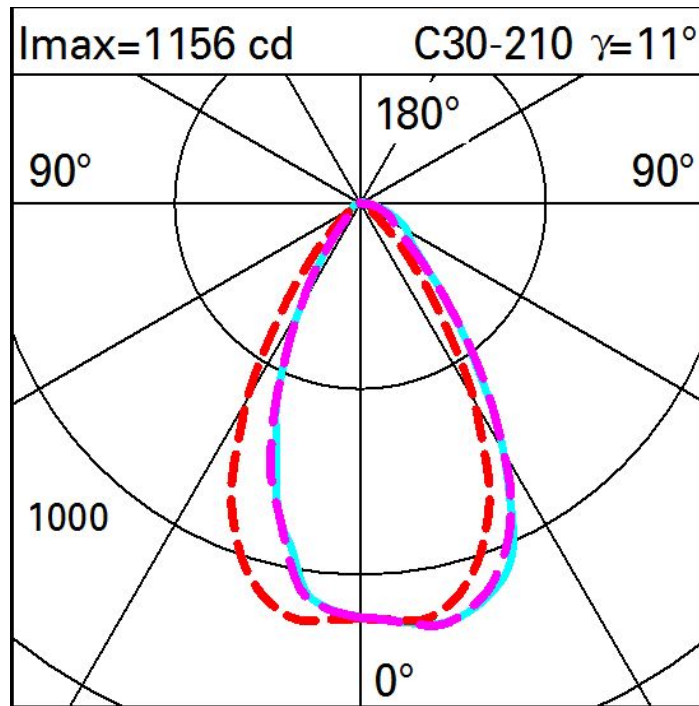
TPa version available on request, contact iGuzzini for more info

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	1248	CRI (minimum):	90
W system:	11	Colour temperature [K]:	3000
Im source:	1770	MacAdam Step:	3
W source:	11	Life Time LED 1:	> 50,000h - L85 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	113.4	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	13	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	71	Number of optical assemblies:	1

Polar



Illuminances

Lux											
						Wall distance = 1m					
3											
	0.9	2	5	15	48	86	48	15	5	2	0.9
2	1	3	7	18	57	90	57	18	7	3	1
	2	3	9	31	75	102	75	31	9	3	2
1	2	5	14	37	68	84	68	37	14	5	2
	3	7	18	34	49	57	49	34	18	7	3
0											
	m	-2	-1	0	1	2	3				