

Last information update: February 2025

Product configuration: RD90.83

RD90.83: 9-cell recessed luminaire - Wall Washer - DALI - Transparent/Black

**Product code**

RD90.83: 9-cell recessed luminaire - Wall Washer - DALI - Transparent/Black

Technical description

Recessed luminaire for vertical lighting consisting of a lamp device, 9-cell emission raster and operating components. 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. DALI dimmable driver connected to the luminaire.

Installation

recessed with steel wire contrast springs; slot to make in false ceiling: 63 x 543

Colour

Black Transparent (83)

Weight (Kg)

1.33

Mounting

ceiling recessed

Wiring

complete with integrated DALI power supply; quick-coupling connections on driver.

Notes

for the optimum installation distances for recessed wall washers, consult the instruction sheet.

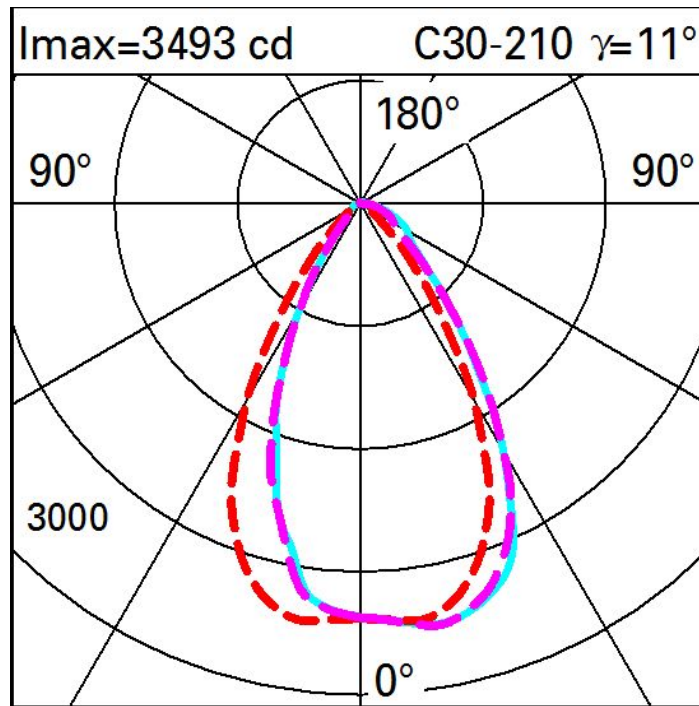
TPa version available on request, contact iGuzzini for more info

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	3772	Colour temperature [K]:	3000
W system:	30.6	MacAdam Step:	3
Im source:	5350	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	27	Lamp code:	LED
Luminous efficiency (Im/W, real value):	123.3	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	39	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	71	Control:	DALI-2
CRI (minimum):	80		

Polar



Illuminances

Lux												Wall distance = 1m											
3																							
	3	6	16	45	144	261	144	45	16	6	3												
2	4	9	20	55	171	271	171	55	20	9	4												
	5	9	27	93	227	309	227	93	27	9	5												
1	5	14	41	113	205	255	205	113	41	14	5												
	8	22	53	103	149	174	149	103	53	22	8												
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	m	-2	-1		0		1		2	3													