

Last information update: May 2025

Product configuration: 316D+RW27.83

RW27: Plate with Warm White LED - Space optic - Up/Down - General Light - HO - DALI - L=2384

**Product code**

RW27: Plate with Warm White LED - Space optic - Up/Down - General Light - HO - DALI - L=2384

Technical description

Warm white LED plate with direct (Down) and indirect (Up) light emission in a version with a Space optic available in a Transparent White and a Transparent Black version. Translucent textured thermoplastic raster, created with a catadioptric system (patented Opti Diamond optic) - with no galvanic treatments - combined with a PP cover with a gloss finish and an additional diffuser screen. The resulting optic system generates an extremely elegant and professional light emission. General Light High Output (HO) version luminaire. The module optic and structural fittings allow high luminous flux and system efficiency values. DALI dimmable power supply integrated in the luminaire. Extruded aluminium heat sink and "Halogen Free" electric cables. Moulded and metallised polycarbonate raster.

Installation

Module insertion on profiles facilitated by a quick coupling system.

Colour

Black Transparent (83) | White Transparent (D8)

Weight (Kg)

3.29

Wiring

Quick coupling terminal block connection to simplify connections between the subsequent modules. Complete with integrated dimmable DALI power supply.

Notes

TPa version available on request, contact iGuzzini for more info

Complies with EN60598-1 and pertinent regulations



IP20

**Technical data**

Im system:	10029.6	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
W system:	92.6	Lamp code:	LED
Im source:	13930	Number of lamps for optical assembly:	1
W source:	82	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	108.31	Number of optical assemblies:	1
Im in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	3537.44	Inrush current:	53 A / 200 µs
Light Output Ratio (L.O.R.) [%]:	72	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 8 luminaires B16A: 13 luminaires C10A: 13 luminaires C16A: 22 luminaires
Beam angle [°]:	66° / 64°	Minimum dimming %:	1
CRI:	90	Overvoltage protection:	0kV Common mode & 0kV Differential mode
Colour temperature [K]:	3000	Control:	DALI-2
MacAdam Step:	3		