

Last information update: April 2025

Product configuration: RU41+RV83

RV83: Plate with LED - MMO - Up/Down - UGR<19 - HO - DALI - L=2384

**Product code**

RV83: Plate with LED - MMO - Up/Down - UGR<19 - HO - DALI - L=2384

Technical description

3500K LED plate with direct (Down) and indirect (Up) light emission in an MMO version. High Output (HO) version with controlled luminance emission $L \leq 3000 \text{ cd/m}^2 - \alpha > 65^\circ$, for use in environments with video monitors (UGR<19) in compliance with EN 12464-1. 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

Aluminium (12)

Wiring

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

Notes

Important: the triple length intermediate luminous module can be used for both initial profiles - L 3594 - for stand-alone applications, and intermediate profiles - L 3594 - for continuous line applications.

TPa version available on request, contact iGuzzini for more info

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	11216.4	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
W system:	92.6	Lamp code:	LED
Im source:	14380	Number of lamps for optical assembly:	1
W source:	82	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	121.13	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]:	3975.09	Inrush current:	53 A / 200 µs
Light Output Ratio (L.O.R.) [%]:	78	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 [°]:	72° / 71°	Minimum dimming %:	1
CRI:	90	Overvoltage protection:	0kV Common mode & 0kV Differential mode
Colour temperature [K]:	3500	Control:	DALI-2
MacAdam Step:	3		