

844 - LED Panel R HE - UGR<19 - DALI

Code: 150227-0041



The superior quality of LED lighting is now more affordable and accessible thanks to a benchmarking product that offers, at contained costs, the ideal light for offices, shopping centres, hotels and healthcare facilities and in general all spaces where continuous lighting is necessary.

It is the best and easiest way to get one of today's most advanced technology in interior lighting solutions.

The presence of a LED source is not always synonym with excellent performance. The long service life and optimal light output of a lighting system also depends on the use of top-notch materials that are tested, controlled and selected with care to maintain lighting and aesthetic quality over time: lumen maintenance, perfect colour rendering, no glare and anti-yellowing of components.

A special slab fitted between the LED source and the diffuser is responsible for the operation, quality and amount of light emitted from the light panel. This slab is made in PMMA (polymethyl methacrylate), a polymer that keeps its characteristics unaltered and prevents the lens from yellowing. Other similar fixtures use materials such as, for example, polystyrene (PS), which do not have the same properties and characteristics, and are therefore available at much lower costs.

The result? Unlike the PMMA, the slab in PS becomes yellow after 6000-8000 hours of operation, decreasing both the amount and the quality of the light emitted, even during the day, when the fixture is switched off, as well as compromising the perfect integration of the white panel into the false ceiling, affecting the overall appearance of the installation. Thanks to this slab in PMMA, our panels can fully benefit from the lighting advantages ensured by the most advanced LED sources and keep them unaltered in time.



GENERAL INFORMATION

Article	844 - LED Panel R HE - UGR<19 - DALI
Code	150227-0041

DIMENSIONS AND WEIGHT

Length (mm)	1195 mm
Width (mm)	295 mm
Height (mm)	12 mm
Weight (Kg)	2.1 kg

INSTALLATION

Recessed dimensions - Length (mm)	1190 mm
Recessed dimensions - Width (mm)	290 mm

ELECTRICAL CHARACTERISTICS AND CONTROLS

Voltage type	AC
Min Voltage (V)	220 V
Max Voltage (V)	240 V
Min Frequency (Hz)	50 Hz
Max Frequency (Hz)	60 Hz
Frequency (Hz)	50 Hz
Wiring name	CLD-D-D
Control interface	DALI
Power factor	≥0.95
Rated Current	800 mA
Insulation class	Class II
Controllability	Yes (External control)

844 - LED Panel R HE - UGR<19 - DALI

Code: 150227-0041

PHOTOMETRIC DATA



Lighting source	LED
CRI	>80
Luminous flux (output) (lm)	4996 lm
Power absorption (total) (W)	40 W
CCT	4000 K
Unified glare rating UGR (EN 12464-1) (Reflectance coefficient: ceiling 0.7 - walls 0.5)	UGR<19, according to standard EN 12464.
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
LED flux maintenance	80000 hr, L 90, B 10

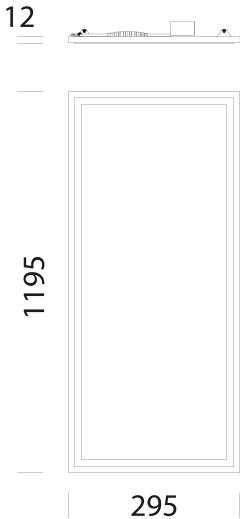
MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK06
IP (vl)	43
IP (va)	20

844 - LED Panel R HE - UGR<19 - DALI

Code: 150227-0041

MATERIALS AND COLOURS



Housing	body in steel sheet and frame in aluminium.
Diffuser	in high transmittance prismatic technopolymer. Internal PMMA slab.
Colour	White
Equipment	Ceiling lighting fixture with external driver; it can be easily housed in false ceilings.
	DALI version with driver set to the maximum power of the DIP SWITCH version.

EMERGENCY LIGHTING

Emergency power supply type	Not present
-----------------------------	-------------

STANDARDS AND COMPLIANCE

Photobiological safety class	RG0
Markings and tests	CE, ENEC
Reference standards	EN60598-1. They have a degree of protection according to the EN60529 standard.

WARRANTY

After sales warranty	5 yr
----------------------	------

DOWNLOAD

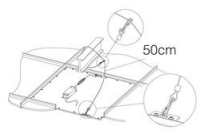
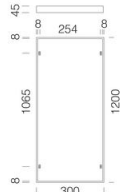
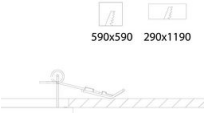
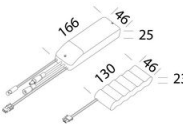
- MOUNTS
- [AssemblyInstructions EM-KIT 600 03-22.pdf](#)
[AssemblyInstructions led panel 01-25.pdf](#)

- DESIGNS
- [BIM 844 R HE-DALI 02-25.zip](#)
[TechnicalDrawing 844rr.dxf.dxf](#)



844 - LED Panel R HE - UGR<19 - DALI

Code: 150227-0041

	320 Cord		595 Frame 1200x300 h 45 mm
	907 Springs		600 EM power supply kit
	0 MASTER DIMM DALI - ceiling		0 MASTER DIMM DALI - recessed