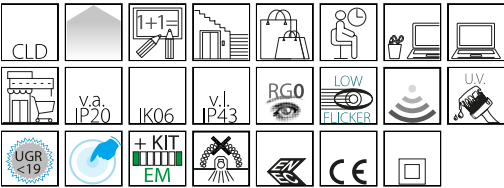


844 - LED Panel HE - UGR<19 - DIP SWITCH

Code: 150225-39

GENERAL INFORMATION



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 no 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). This is a polymer that keeps its characteristics unaltered and prevents the lens from yellowing, found in 'cheaper' products that use, for example, polystyrene (PS), therefore making them 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, the perfect integration of the white panel into the false ceiling is compromised, affecting the installation's overall appearance. Thanks to this slab in PMMA, our light panels can fully benefit from the lighting advantages ensured by the most advanced LED sources and keep them unaltered in time.

DIP switch adjustment: the luminaire is equipped with a built-in DIP switch driver for setting the output current; this will enable to choose the right light flux for each lighting design.

The chance to choose the needed LED pilot current will allow you to have the right amount of power adjusted to any given design requirement. Choosing a lower current will increase the efficiency and improve energy savings, while a higher current will provide more light and make it possible to reduce the number of luminaires installed.



Article	844 - LED Panel HE - UGR<19 - DIP SWITCH
Code	150225-39

DIMENSIONS AND WEIGHT

Length (mm)	596 mm
Width (mm)	596 mm
Height (mm)	12 mm
Weight (Kg)	2 kg

INSTALLATION

Recessed dimensions - Length (mm)	590 mm
Recessed dimensions - Width (mm)	590 mm

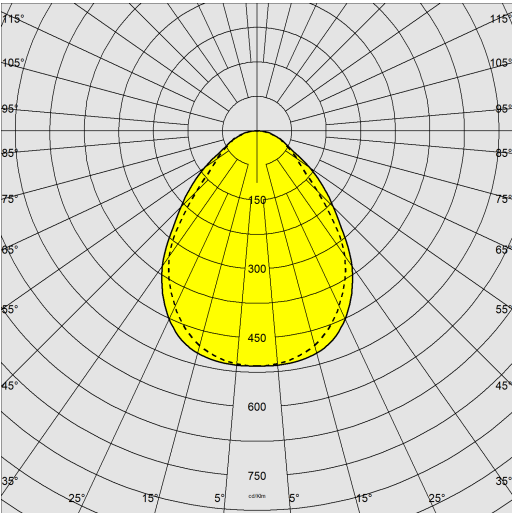
ELECTRICAL CHARACTERISTICS AND CONTROLS

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
Power factor	≥ 0.95
Rated Current	800 mA
Insulation class	Class II
Controllability	None

844 - LED Panel HE - UGR<19 - DIP SWITCH

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PHOTOMETRIC DATA



Lighting source	LED
CRI	>80
Luminous flux (output) (lm)	3877 lm
Power absorption (total) (W)	31 W
CCT	3000 K
Luminous efficacy (lm/W)	125 lm/W
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.
Colour consistency	SDCM3
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 HE - UGR<19 - DIP SWITCH

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MATERIALS AND COLOURS



DOWNLOAD

MOUNTS

AssemblyInstructions EM-KIT 600 03-22.pdf

AssemblyInstructions led panel 01-25.pdf

DESIGNS

BIM 844 HE-DIP SWITCH 02-25.zip

TechnicalDrawing 844.dxf



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.

EMERGENCY LIGHTING

Emergency power supply type	Not present
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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.
Energy Label	E

GEAR

Sensors	
Upon request	- CLD-EC wiring for centrally powered emergency lighting (subcode -0050) - CLD-D (PUSH) (subcode -0045)

WARRANTY

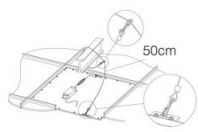
After sales warranty	5 yr
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844 - LED Panel HE - UGR<19 - DIP SWITCH

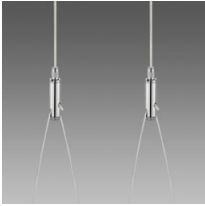
Code	Wiring	LED	TotW	K - Lumen Output – CRI
150225-00	CLD	800	31	4000K - 4081lm - CRI>80
150225-00	CLD	700	27	4000K - 3593lm - CRI>80
150225-00	CLD	900	35	4000K - 4538lm - CRI>80
150225-00	CLD	1000	40	4000K - 4996lm - CRI>80
150225-39	CLD	800	31	3000K - 3877lm - CRI>80
150225-39	CLD	700	27	3000K - 3413lm - CRI>80
150225-39	CLD	900	35	3000K - 4311lm - CRI>80
150225-39	CLD	1000	40	3000K - 4746lm - CRI>80

844 - LED Panel HE - UGR<19 - DIP SWITCH

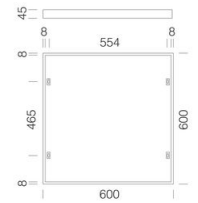
Code: 150225-39



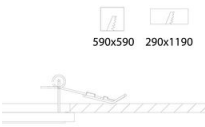
320 Cord



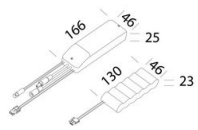
2520 Simple suspension



595 Frame 600x600 h 45 mm



907 Springs



600 EM power supply kit