

Code: 150225-0041

CLD D-D (DALI)							
v.a. IP20		v.l. IP43	RG0 	LOW FLICKER 	UV 	UGR <19 	
	CE						



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

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 - DALI
Code	150225-0041

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

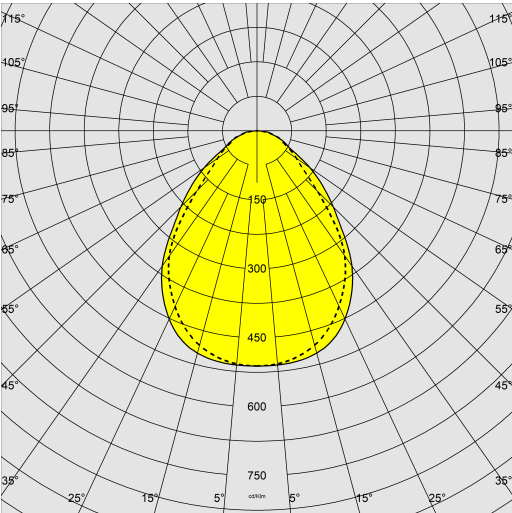
ELECTRICAL CHARACTERISTICS AND CONTROLS

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-D-D
Control interface	DALI
Power factor	≥0.95
Rated Current	800 mA
Insulation class	Class II
Controllability	Yes (External control)

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PHOTOMETRIC DATA



Lighting source	LED
CRI	>80
Luminous flux (output) (lm)	4996 lm
Power absorption (total) (W)	40 W
CCT	4000 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.
LED flux maintenance	80000 hr, L 90, B 10

MECHANICAL CHARACTERISTICS

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



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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
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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

WARRANTY

After sales warranty	5 yr
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DOWNLOAD

- MOUNTS
- AssemblyInstructions led panel 01-25.pdf
- DESIGNS
- BIM 844 HE-DALI 02-25.zip
- TechnicalDrawing 844.dxf

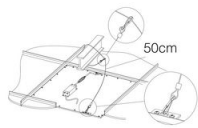


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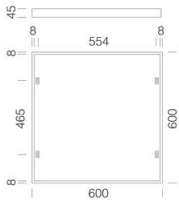
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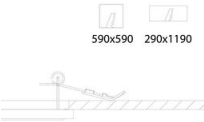
2520 Simple suspension



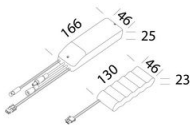
320 Cord



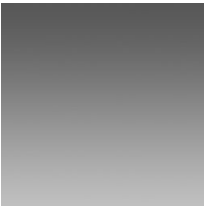
595 Frame 600x600 h 45 mm



907 Springs



600 EM power supply kit



0 MASTER DIMM DALI - ceiling



0 MASTER DIMM DALI - recessed