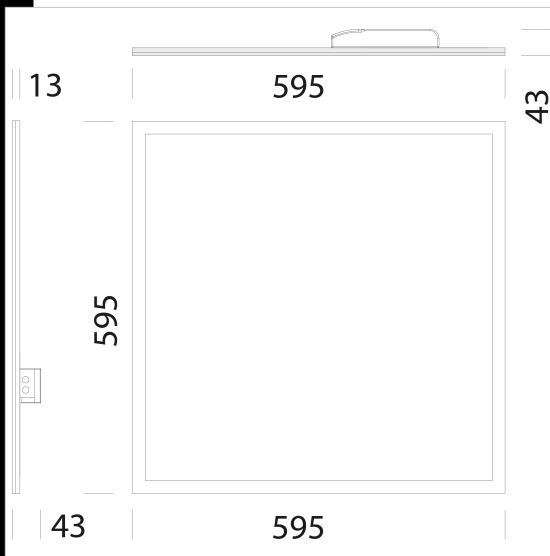
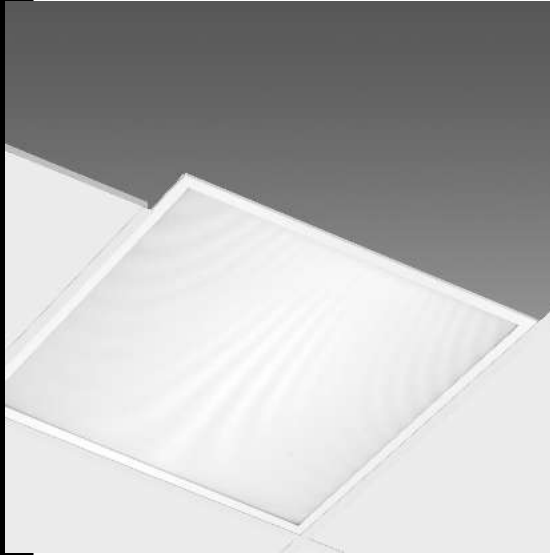


PanelTech High Performance - UGR<19 - A2



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 depend 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 in time 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.

What is 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: lumen maintenance at 80% for 50000 hours (L80B20), perfect colour rendering index (CRI80 or CRI>90).

Wiring: quick wiring connection, no need to open the fixture. Standard version with plug-socket connection for both power and 0-10V dimming. Instant on-off without flicker and audible noise.

Energy costs are cut down by 50% compared to conventional lamps and fluorescent tubes.

No electromagnetic emissions and radio-frequency interference (RFI).

No risk to the environment due to the presence of materials without mercury or lead content.

Standards: products comply with EN60598-1 CEI 34-21, with IP40IK05 protection degree according to EN 60529. Suitable for installation on normally inflammable surfaces.

Internal slab: in PMMA.

Diffuser: extruded in prismatic engineering plastic with high thermal transmittance.

Photobiological risk classification: exempt group.

LED lamp life over 50000 hours. L80B20

Power factor: 0.95

COD: 22184812-00 UGR<19

COD: 22184815-00 NON UGR<19



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- PANELTECH rev10.pdf

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- PanelTech High Performance A2 - 20200224.zip

Code	Gear	Kg	Lumen Output-K-CRI	WTot	Colour
22184812-39	CLD CELL	2,90	LED-4557lm-3000K-CRI 93	51 W	WHITE
22184812-00	CLD	4,11	LED-4900lm-4000K-CRI 93	47 W	WHITE
22184815-39	CLD CELL	2,90	LED-4930lm-3000K-CRI 93	54 W	WHITE
22184815-00	CLD	4,03	LED-5300lm-4000K-CRI 93	54 W	WHITE
22184812-3941	CLD CELL-D-D	2,90	LED-4557lm-3000K-CRI 93	51 W	WHITE
22184812-1241	CLD-D-D	4,10	LED-4900lm-4000K-CRI 93	47 W	WHITE
22184815-3941	CLD CELL-D-D	2,90	LED-4930lm-3000K-CRI 93	54 W	WHITE
22184815-1241	CLD-D-D	4,07	LED-5300lm-4000K-CRI 93	54 W	WHITE
22184812-0928	CLD CELL-E	3,20	LED-4557lm-3000K-CRI 93	51 W	WHITE
22184812-09	CLD CELL-E	5,03	LED-4900lm-4000K-CRI 93	47 W	WHITE
22184815-0928	CLD CELL-E	2,90	LED-4930lm-3000K-CRI 93	55 W	WHITE
22184815-09	CLD CELL-E	4,68	LED-5300lm-4000K-CRI 93	54 W	WHITE
22184812-3957	CLD CELL-E	3,65	LED-4557lm-3000K-CRI 93	51 W	WHITE
22184812-31	CLD CELL-E	3,65	LED-4900lm-4000K-CRI 93	51 W	WHITE
22184815-3957	CLD CELL-E	3,65	LED-4930lm-3000K-CRI 93	57 W	WHITE
22184815-31	CLD CELL-E	3,65	LED-5300lm-4000K-CRI 93	57 W	WHITE

Accessori



- Ceiling suspension



- Ceiling suspension



- Powered suspension 3-5 p



- Ceiling suspension O



- Powered suspension O



- "Y" Suspension with cable



- Frame - 600x600



- Recessed springs



- EM Kit R



- Frame 600x600



- Frame - 600x600

The reported luminous flux is the flux emitted by the light source with a tolerance of $\pm 10\%$ compared to the indicated value. The W tot column indicates the total wattage absorbed by the system without exceeding 10% of the indicated