



Our **BACK LIT LED** panels are designed to quickly and easily upgrade existing fluorescent fixtures. The high performance LED source is mounted to ensure proper thermal management of the system. The design allows for a cooler running LED chip which leads to longer lifetime, better efficacy, and color consistency.



50,000
Hours



Years
Warranty



Photometric Data

Part Code	Lumens	LPW	Rated Life (Hrs)	L80 B50 @ 25C (Hrs)	CCT (K)	CRI (Ra)	Beam (°)	UGR
PNL001	3560	84	50,000	>36,000	4000	>80	120	<19*
PNL002	3600	85	50,000	>36,000	5000	>80	120	<19*

*UGR19 average in typical office space of less than 10m x 7m with standard 2.4m ceilings.

Panel Kits

KIT01	With Driver
KIT02	With DALI / Switch Dim
KIT03	With Remote Emergency Pack
KIT04	With DALI / Switch Dim / Emergency
KIT05	Operating at 28W (2400lm)

For the Panel Kit add "Kit Code" after Panel number (PNL001 - KIT01).

The LED panels featured above are all supplied WITHOUT drivers. Simply refer to our range of Panel Kits listed above to select the panel with the right driver to suit your application.

Whatever your LED panel lighting application, our range of Panel Kits will provide the right type of driver specification to meet your requirements.

Electrical Data

Part Code	Input (W)	Input (V) $\pm 10\%$	Input (Hz)	LED (W)	Input (A)	Electrical Class	Inrush (A) (Ipeak)	No. per C16	Forward (mA)	Forward (V)	Power Factor	THD (%)
PNL001-KIT01	42	220-240	50/60	38	0.14	2	60	48	1050	36	>0.9	<20
PNL002-KIT01	42	220-240	50/60	38	0.14	2	60	48	1050	36	>0.9	<20

Physical Data

Part Code	Lens Type	Case Material	Dimensions (mm)	Weight (kg)	Connector Type Input
PNL001	ABS	PC/ABS	595x595x51	2.25kg	Flying Lead
PNL002	ABS	PC/ABS	595x595x51	2.25kg	Flying Lead

General Data

ECA Compliant	Yes
Energy Rating	A+
SDCM	<6

Environmental Data

Max. Ambient (°C)	45
Min. Ambient (°C)	-20
IP Rating	IP40 (with fixing clips)

Accessories

EMG013	3W LED Emergency Downlight
EMG018	3W Remote Emergency Pack
EMG007	Remote Emergency Pack (not available for use with ACS001)
ACS001	Surface Mounting Kit Pro, for Panel, 600x600mm



PNL001 / PNL002



ACS001 - Surface Mounting Kit Pro, for Panel, 600x600mm



EMG013 - 3W LED Emergency Downlight



EMG007 - Remote Emergency Pack