COMMERCIAL RANGE

VENTURE LIGHTING

TP(a)

BACKLIT
Technology

DUAL OPTIC
System

TEXTURED
Diffuser

The new **Backlit Panel Pro** brings **product design and reliability** to the forefront. **Offering an impressive 110lm/W**, multiple lumen outputs and huge cost savings against traditional lighting as well as old LED designs. **Easy installation with plug and play connectors and flicker-free, loop in loop out drivers.**

The Backlit Panel Pro has also undergone testing at the **LIA** and is **TP(a) certified.**

BACKLIT PANEL PRO

Order Code: PNL077-KIT01

Photometric Data

Flicker Free	Yes
Colour Rendering Index (CRI)	80-89
Lumens	3100
LPW (lm/W)	111
Colour Temperature (K)	5000 - 5000
SDCM	<5
Beam Angle (°)	120 x 120
UGR	<22
UGR in Small Room (10m x 5m)	<19
Light Distribution	Symmetric
Photobiological Risk Group	0
Lens / Reflector	Diffuser lens/optic/panel

Life Data

Rated Life @ 25°C (Hrs)	50000
Rated Life L80/B50 @ 25°C	50000

Electrical Data

Input (W)	28
Input (V)±10%	220 - 240
Voltage Type	AC
Input Current (A)	0.14
Power Factor	0.95
THD (%)	<10
No. Per C16 Breaker	42
Energy Efficiency Class (EEC)	A++, A+, A (LED)
Electrical Class	II
Short Circuit Protection	Yes
Thermal Overload Protection	Yes
Type of Wiring	Suitable for Through Wiring
Non-dimmable	Yes
LED Nominal Current	750 - 750
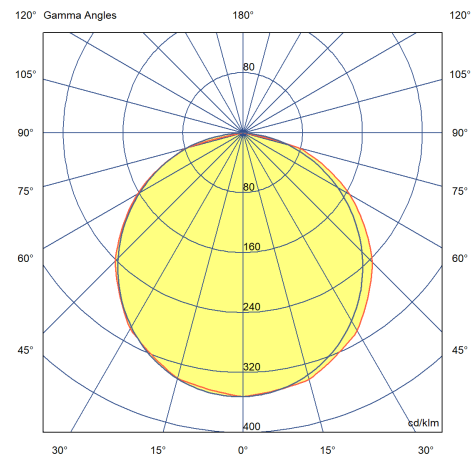
Physical Data

Degree of Protection (IP)	IP44
Housing Colour	White
Housing Material	Steel
Length (mm)	595
Width (mm)	595
Height/Depth (mm)	35
Weight (kg)	1.6
Warranty (year)	5
Case Material	Steel
Suitable for ceiling mounting	Yes
Suitable for built-in mounting	Yes
Cutout Height for Recess Mount (mm)	75
Cutout Length for Recess Mount (mm)	575
Cutout Width for Recess Mount (mm)	575
Lamp Type	LED Not Exchangeable
Cover Material	Opal Plastic
Impact Strength	IK03

Order Code: PNL077-KIT01

Environmental Data	
Ambient Rated Temperature Range (°C)	-20 to 40

Accessories
EMG013 - 3W LED Emergency Downlight
EMG018v2 - 3W Remote Emergency Pack
ACS198 - Suspension Mount kit for Backlit Panels
ACS199 - Recess Mount Kit for Backlit Panels
ACS057 - Surface Mount Box for 600 x 600mm Panel

Logistical Data	
Item Gross Weight (kg)	2.1
Packaging Length (cm)	65.5
Packaging Width (cm)	64.5
Packaging Height (cm)	5.5
Carton Quantity	5
Carton Length (cm)	68
Carton Width (cm)	66
Carton Height (cm)	29
Carton Gross Weight (kg)	11