Urban Back-lit LED Panels

36W

Applications:

Residential and Commercial Applications.

Backlit LED Panels have a durable yet minimal design which allows for easy installations in drop-in ceilings or surface mount applications. The LEDs are situated on the back plate of the panel alleviating excess light guides allowing for a more cost effective LED Lighting Solution.

Our Backlit LED Technology evenly diffuses its SMD LED chips without creating dark spots with no risk of discoloration. Dimmable/Dali options available.
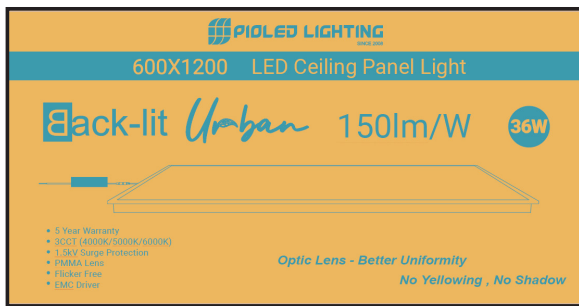
Product Performance	
Wattage	36W
Colour Temperature & Stock Code	3CCT (4000K_5000K_6000K) - **iB121**
Operating Temperature	-20~40°C
Life Span/ LB Rating	L80B10@50 000hrs
IP Rating	IP40
LED Driver	PioLED Driver
Beam Angle	120°
Impact Protection Grade	-
Input Voltage	180V-277V
Surge Protection	1.5kV
Power Factor	0.9
CRI	>80
Lumen Output	5 400 Lumens
Lumen Efficiency	150
LED Chips	2835 SMD
LED Chips Qty	192
LED Chip Brand	Sanan
Dimmable	Yes with 26-40W Driver - Dali Dim - **iB101DA**
Dimmable Range	-
(Dali/Trailing/Leading)	-
UGR	>19
Physical Characteristics	
Weight (g)	3200
Housing Material	Aluminium & Iron
Product Dimensions (mm)	1195*595*32
Cable Length	15cm
Mounting Option	Surface/Hanging/Recessed
Bracket Material	-
Bolts and Screws	Stainless Steel

Packaging

Dimension Drawing

1195 mm · 34 mm · 595 mm · 579 mm · 546 mm
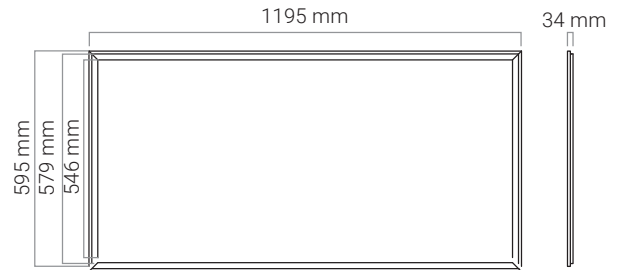
Technical Parameters	
Input Current	<350mA
Output Voltage	27-42V
Humidity	80%
Frequency	50-60Hz
In Rush Current	-
Output Current	950mA
THD	<15%
TA & TC	45/90
Flicker (Y/N)	No Flicker
IES (Yes or No)	Yes
Regulatory Qualifications	
Class Rating	Class II
Energy Efficiency	A
Certification	IEC60598, TUV, CE, EMC, LVD, SAA, RoHS, SO9001
Accessories	
Optional accessories	36W 6x12 Urban back-lit no flicker driver 5Y 125-65 - iB121PS 6x12 Back-Lit H65 Surface Mount Case - iB612 6x12 hanging kit - 1M x 6 - i6121 Extra 2Meter SS x 1 - i600 5Amp-3meter - R111 5Amp-2meter - R113
Packaging info	
Storage Temp	-20~80°C
Carton Size (mm)	1215*215*620
QTY/CTN	6
Net Weight	9.5
Gross Weight	10.85

Urban Back-lit Accessories

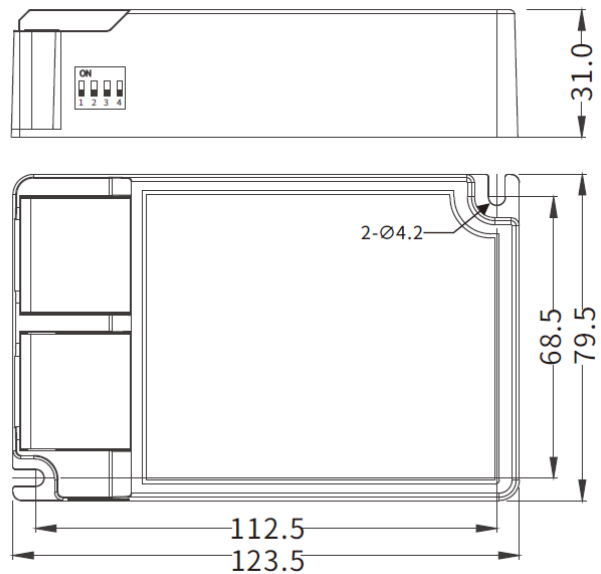**600x1200 Hanging Kit**

36W 6x12 Urban back-lit Flicker Free 5 Year driver

Dali Dimmable Driver

31.0

2-Ø4.2

68.5

79.5

112.5

123.5

Surface Mount Case

65

600

1200