



Urban Back-lit LED Panels

24W

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	24W (18-40W)
Colour Temperature & Stock Code	3CCT (4000K_5000K_6000K) - iB122
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	Around 150lm/W
Lumen Efficiency	150
LED Chips	2835 SMD
LED Chips Qty	144
LED Chip Brand	Sanan
Dimmable	Yes with 26-40W Driver - Dali Dim - iB101DA 40W-Dim 30-42V 1000mA - i101Di
Dimmable Range	-
(Dali/Trailing/Leading)	-
UGR	>19

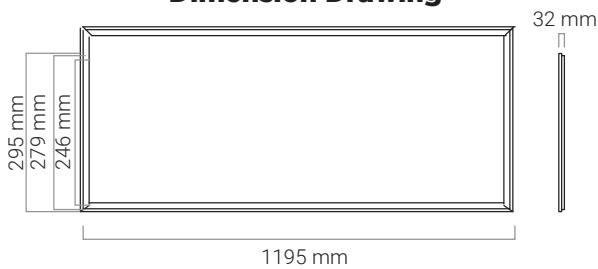
Physical Characteristics

Weight (g)	1650
Housing Material	Aluminium & Iron
Product Dimensions (mm)	1195*295*32
Cable Length	15cm
Mounting Option	Surface/Hanging/Recessed
Bolts and Screws	Stainless Steel

Packaging



Dimension Drawing



Current	Wattage	Lumen	Efficiency
1100mA	40,5	5955,2	147,04
1050mA	38,4	5684,8	148,04
1000mA	36,4	5424,5	149,02
950mA	34,4	5160,7	150,02
900mA	32,4	4892,2	150,99
850mA	30,4	4620,3	151,98
800mA	28,6	4376,7	153,03
750mA	26,9	4142,9	154,01
700mA	24,9	3859,0	154,98
650mA	23,1	3603,1	155,98
600mA	21,3	3344,9	157,04
550mA	19,4	3065,4	158,01
500mA	17,6	2798,6	159,01

Technical Parameters

Input Current <350mA

Output Voltage 27-42V

Humidity 80%

Frequency 50-60Hz

In Rush Current -

Output Current 650mA

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

11-13 Gears Driver - **ib123PS**
 24W 6x6 Urban back-lit no flicker driver 5Y 100-50 - **ib120PS**
 26-40W Driver - Dali Dim - **ib101DA**
 40W-Dim 30-42V 1000mA - **i101Di**
 3x12 Back-Lit H65 Surface Mount Case - **ib603**
 3x12 hanging kit - 1M x 6 - **i6121**
 Extra 2Meter SS x 1 - **i600**
 5Amp-3meter - **R111**

Packaging info

Storage Temp -20~80°C

Carton Size (mm) 1215*215*620

QTY/CTN 6

Net Weight 18

Gross Weight 20.8



Urban Back-lit Accessories

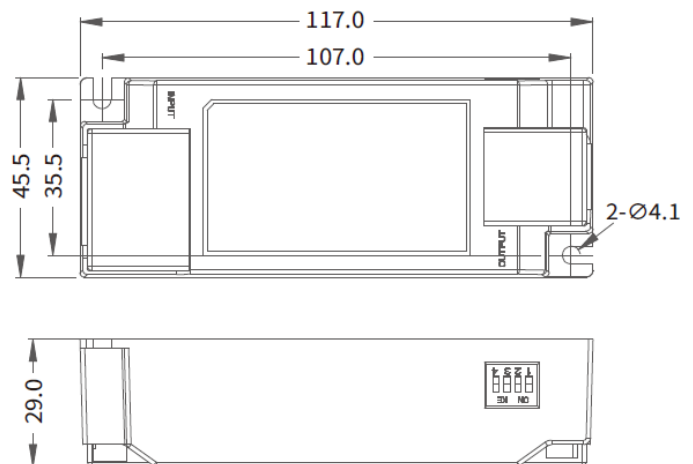


300x1200 Hanging Kit

**24W 6x6 Urban back-lit
Flicker Free 5 Year driver**



Dali Dimmable Driver



Surface Mount Case

