

Back-lit LED Panels

40W

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	40W
Colour Temperature & Stock Code	6000K - iB101 4000K - iB102 3000K - iB111
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	185V-277V
Surge Protection	2kV
Power Factor	0.9
CRI	>80
Lumen Output	4 000 Lumens
Lumen Efficiency	100
LED Chips	2835
LED Chips Qty	48
LED Chip Brand	Sanan
Dimmable	Yes with Dimmable Driver i101Di (for 40W)
Dimmable Range	-
(Dali/Trailing/Leading)	-
UGR	>19

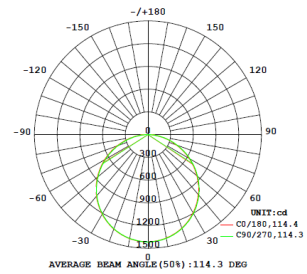
Physical Characteristics

Weight (g)	1350
Housing Material	Aluminium & Iron
Product Dimensions (mm)	595*595*32
Cable Length	15cm
Mounting Option	Surface/Hanging/Recessed
Bracket Material	-
Bolts and Screws	Stainless Steel

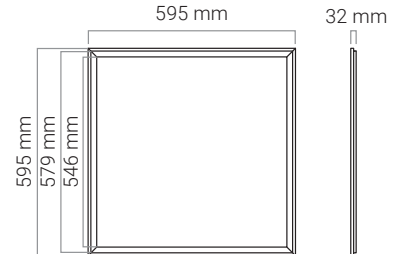
Packaging



Luminous Intensity Distribution Diagram



Dimension Drawing



Technical Parameters

Input Current	<350mA
Output Voltage	27-42V
Humidity	80%
Frequency	50-60Hz
In Rush Current	-
Output Current	1000mA
THD	<15%
TA & TC	45/80
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	6x6 Back-Lit H65 Surface Mount Case - iB606 5Amp-3meter - R111 5Amp-2meter - R113
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Packaging info

Storage Temp	-20~80°C
Carton Size (mm)	62*22*62
QTY/CTN	6
Net Weight	8.5
Gross Weight	9.45