



OPTO

Backlit LED Panel

600 x 1200 mm nominal | Model iB121

36W

NOMINAL POWER

3CCT

4000K / 5000K / 6000K

IP40

INDOOR RATING



LIGHTING PERFORMANCE

Power	36W (18-40W range)
Colour temperature	4000K / 5000K / 6000K
Efficacy	Approx. 150 lm/W
Luminous flux	Approx. 5,400 lm*
Beam angle	120 degrees
Colour rendering	CRI >80
UGR	>19
LED source	192 x 2835 SMD / Sanan
Rated life	L80B10 @ 50,000 hours
Dimming	Optional dimmable / DALI driver required

ELECTRICAL & OPERATING

Input voltage	180-277V AC
Frequency	50-60Hz
Power factor	0.9
Surge protection	1.5kV
Protection	IP40 / Class II
Input current	<350mA
Driver output	27-42V / 950mA
THD	<15%
Flicker	Flicker-free
Operating temp.	-20 to +40 degrees C

CONSTRUCTION & INSTALLATION

Overall dimensions	1195 x 595 x 32 mm (L x W x D)**
Housing / weight	Aluminium and iron / 3.2 kg
Mounting	Recessed, surface-mounted or suspended
Accessories	Surface-mount frame, hanging kit and optional drivers
Warranty	5 years (as stated in the supplied product sheet)

* Calculated from 36W x 150 lm/W; source does not state a measured lumen output.

** Source drawing shows 34 mm depth; specification table lists 32 mm. Confirm before installation.