ASTROLUX

HIGH PERFORMANCE LED BACKLIGHTING STRIPS

Astrolux is a cost-effective LED backlighting solution ideal for backlighting translucent walls, ceilings, or for illuminating signs, lightboxes and other displays.

Supplied in kit form, it comprises of single or double-sided PCB strips mounted with ultra-bright LEDs and is supplied with all the required connecting leads.

Assembly merely requires a screwdriver with each PCB strip cuttable to the required length. Up to 15 strips can be connected to a single power source to cover approximately 1000mm x 1000mm with 30mm depth*. Each LED lens has an illumination beam angle of 170°.

*Subject to light transmission of the diffuser/material being back-lit.

KEY FEATURES

- Cost-effective backlighting solution from 30mm
- Extremely versatile
- Easy installation / Quick connectors
- Single and double-sided options
- Variable sizes and shapes available
- Ultra-thin sign boxes:
  - ≥30mm for single
  - ≥60mm for double-sided
- Cuttable at intervals
- Ideal for uneven or curved surfaces
- Lightweight
- Easy retrofit of existing lighting
- Low voltage power connection
- Large beam angle for bright even illumination
- Low heat generation
- Reusable

SPECIFICATION

Dimensions	540 mm x 20 mm x 7.7 mm 21.26 in x 0.79 in x 0.30 in
LEDs (Type / Power)	2835 / 0.7 W
LED spacing	65 mm
Minimum Cut Length	130 mm
LED qty	14 per strip
Beam Angle	170 degrees
Colour	Single white
Colour Temperature	2700K / 3000K / 4000K / 5000K
Lumens	920 lm/strip
Lumen decay	1 % - 3 % over 5000 hrs
Voltage	24V DC
Current	390 mA
Power Consumption (per strip)	9.8 W
Working Temp	-20°C to +60°C
IP-rating	IP20 (indoor use)
Lifespan	50000 hrs
Warranty	5 years (standard)