

HaloLED Smart Lighting

ProStrip DB2 Solderless LED Strip | 24V 9w Cool White 6000K (Per Metre)



Specifications

Operating Voltage	24v DC
Wattage per metre (max)	9w
LED Density	120 per metre
Cut Points	50mm
Colour Temperature	6000K
CRI	>80
Lumens	1000
SDMC	<5
L70	>36000 hours
Approvals	IEC61347-2-13 IEC55015

Solder Free for Quicker, Easier Installation.

- Quicker, easier, better.

A revolution in LED strip design - **Advantage** has been created with you, the user, in mind to make installation & maintenance both quicker and easier. The on-board connectors mean that soldering or connection systems become a thing of the past - just strip the cable, twist the wire and push into the on board connector!

- Corners made easy - no bending or twisting

Corners are no longer a problem - it doesn't matter whether the strip is mounted flat or vertically, just mount the strip on the walls, align the edges near the corner and complete the corner joint using a piece of solid core wire which is easily pushed into the connectors. This produces a neat and simple finish with no twisting or bending of the LED Strip.

- Simple power input - anywhere along the length

The offset LED's mean that the cables can be run along the face of the **Advantage Strip** without interfering with the light or, alternatively, you can choose to introduce power anywhere along the length of the strip - it really is that easy.

- Easier maintenance - replace sections in minutes

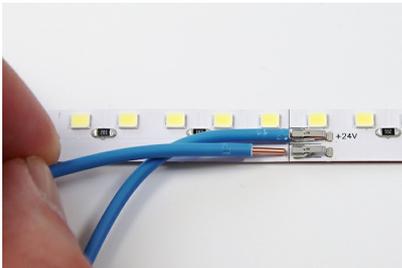
In the unlikely event of a problem with an installation, then **Advantage** is easier and quicker to repair. There's no need to remove the whole length, just cut out the affected section, add a new piece in the gap and then reconnect the power using simple wire links. The on board connectors mean it is a few minutes work and there is no need to disturb the rest of the length saving you time and money.

- Commercial grade - thicker PCB & 3M VHB tape

The basic strengths of the ProStrip range remain - that is a heavy duty PCB for optimised thermal control and a generous 10m single run length as well as the excellent **3M VHB (very high bond)** adhesive tape to provide a lasting adhesive joint with no delamination, to provide the complete package. Reliability and long term performance are guaranteed with a lumen maintenance figure of > 96% after 6000 hours of use.

Recommended Cable

The on board connectors are easiest to use with a solid core cable - we stock a 0.75mm 2 core in 2m packs (code 19-75-2-SC). It is possible to use a 0.5mm or 0.75mm stranded cable but please ensure the cable ends are well twisted and there are no free strands which might cause a short circuit. You can also use solder free GRIPPA connectors - these are better if you wish to use a stranded cable - part code GRIPPA-SW-10-IP20.



Dimming and control

Advantage DB2 is fully dimmable using 0-10v, DALI & DMX protocols and is compatible with lighting control systems such as RAKO, Lutron and Crestron (requires appropriate interface) or use our **HaloLED** control system - an integrated room scale lighting control system offering zonal control and scene setting with a choice of control types including a smartphone APP.

Related Products : Cables & Connectors

2m Solid Core Cable : 19-75-2-WH
GRIPPA (for stranded cable) : GRIPPA-SW-10-IP20

Related Products : HaloLED Controls

HaloLED Wireless Control Interface : H3-RCV-CV1
HaloLED Remote Control : H3-RM-04
Battery Powered Rotary Wall Switch : H3-WS-1R
Mains Powered Rotary Wall Switch : H3-WS-AC-1R

Available in Warm White (3000k), Natural White (4200k) and Cool White (5800k)

The product codes are

3000k Warm White : PS120-30-DB2
4200k Natural White : PS120-42-DB2
5800k Cool White : PS120-58-DB2

