

short form data

FlexiLED-3D Indoor

FlexiLED series



L/70 at 13K hrs: 13,000 hours to 70% of initial light output backed by a 3-year warranty means dependable, high quality LED lighting products for the sign maker

Description

Our new and improved 'indoor' version makes **FlexiLED-3D** even more versatile; easy to create beautiful, stunningly lit designs for many indoor sign lighting applications.



FlexiLED – 3D is a flexible, ribbon like lighting system with a difference; it can be bent, turned and curved in three directions. Supplied in convenient 3 metre reel lengths and in a choice of two white LED colour temperatures plus a red LED version.

As with the original **FlexiLED-3D** there's no need for the fiddly cutting-up and soldering of short, troublesome lengths to make it curve around flat bends and over contoured shapes in the way necessary with a normal '2D' conventional LED strip. With its S-shaped p.c.b. **FlexiLED-3D** is easily formed into shape and stuck down with its peel-off 3M VHB self-adhesive backing. One pack of **FlexiLED-3D** consists of 216pcs LEDs in a 3 metre long ribbon supplied on a plastic dispenser in an anti-static foil bag.

- Beam angle 115°
- 2835 top view SMD LEDs (72pcs per metre)
- 3 metre long reel
- Two colour white and red versions available
- Short cutting interval (3pcs LEDs / 41.8mm)
- 3 years or 13,000 hours warranty*



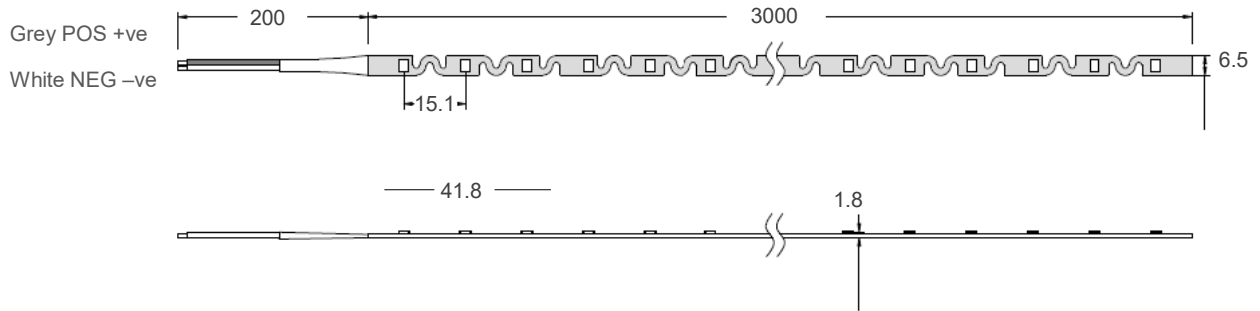
Applications

Halo illumination of flat-cut shapes and logos; normal indoor use

Compliance

IP20 RoHS CE 

Dimensions



LED Drivers

See our data sheet 'LW range' available at our website for more information

LED DRIVER part no.	Rated Power (Watts)	Suitable for qty reels / 3m	Recommended max Watts / Amps	L x W x H	IP	Eff. %	Class	Warranty (years)
PSU30/12/IP68/R	30	1	25 / 2.08	158 x 48 x 29	68	84	I	5
PSU60/12/IP68/R	60	2	51 / 4.25	182 x 44 x 34	68	86	I	5

¹Note: 60W is the maximum permissible driver power for use with **FlexiLED-3D**

Specifications

Optical and electrical data typical @ ta 25°C +/-2° @ 12V | Ambient operating temp. range -10 to 60°C

Product	Part No.	LED White temp / wavelength	Beam Angle (°)	Luminous Flux (lm/m) max	Input (V DC)	Current (mA)		Power (W)	
						1m	3m	1m	3m
FlexiLED-3D Indoor	OL-2835-72-PW-65K	Pure White 6260-6680K	115	655	12 (11.4 ~12.6)	720	2158	8.6	24.9
	OL-2835-72-NW-40K	Natural White 3840-4046K		700					
	OL-2835A-72-12-R	Red 620-625nm		200					

- *whichever occurs first
- L/70 lumen depreciation is accelerated when operating temperature range is exceeded. Some enclosed constructions will require the use of an aluminium heat-sink
- Maximum series powered length is 1 reel / 3 metres
- Maximum power of LED driver: 60W
- ¹ Provides protection to a sign when in an over-load fault condition with a most rapid triggering of the LED driver's short-circuit protection function. Use only the lowest power of driver suitable for the power of FlexiLED connected.



Our Design Guide is for reference only and the ideal appearance should be checked with a lit trial | Dimensions in millimetres | Data subject to our Terms and Conditions and are liable to change without notice | E&OE | © Oshino Lamps (UK) Limited 21 Feb 19

