FLEXSHINE RGB

Signage - Contour Lighting

Type S D10

3 YEARS
30.000 hrs
L50

FLEXSHINE - Contour in RGB with purely brilliant LED neon replacement

►Absolute Uniformity: 1 bin and zero dots innovative SMD design

►Robustness: Resistant to flame, salt corrosion, IP67 and UV decoloration

►Durability: 30.000 hrs lifetime

►Dimmable

►3 years Warranty

►RGB for color versatility and animations

Cutting unit

LED it
INTERNATIONAL

FEATURES & BENEFITS

► Spectacular dot-free linear neon-like illumination in flexible 5 mtrs rolls
► Manufactured with Eco-friendly UV-resistant silicone
► Reliable and Robust: Flexible PCB with LED SMD technology
► RGB for color flexibility and animation
► Built for outdoor use: IP67 and protection against UV and salt damage
► Dimmable
► 24V
► Cuttable every 55,5mm
► Bends laterally only:Φ30mm minimum

NORMS & CERTIFICATES

► EN 55015:2013+A1:2015
► EN 61547:2009
► EN 61000-3-2:2014
► EN 61000-3-3:2013
► 2002/95/EC
► 2011/65/EU
► 2014/30/EU

LIFETIME & WARRANTY

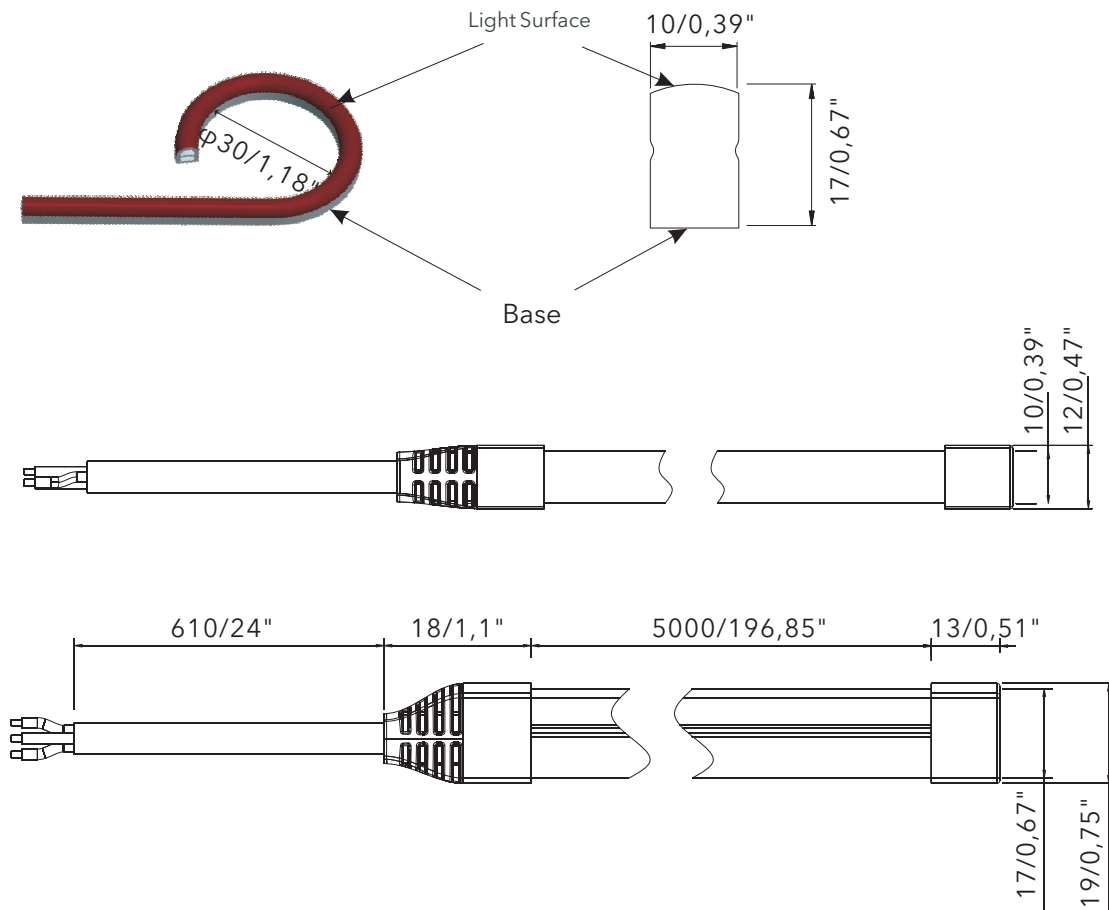► Warranty: 3 years
► Lifetime: 30.000 hrs at L50

TECHNICAL DATA

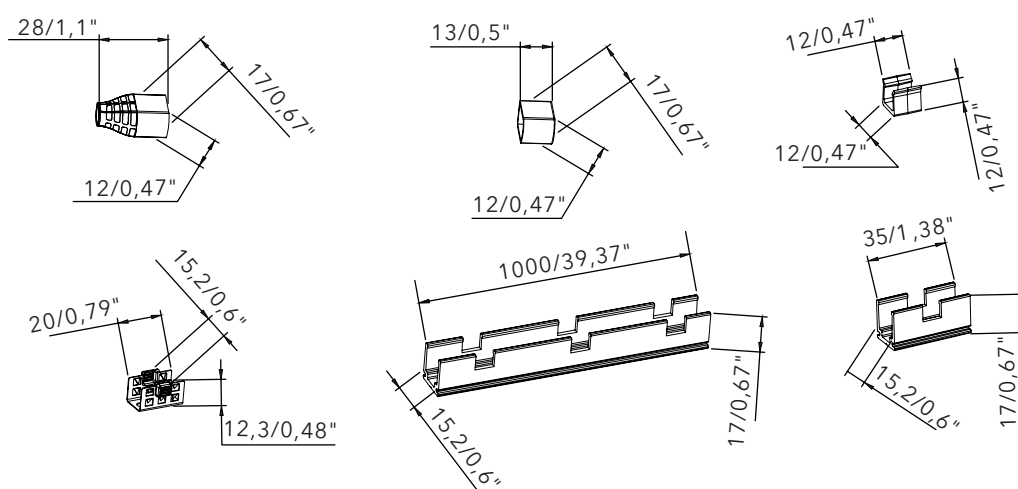| Code	Designation	Color	ColorTemp / wave length(nm)	Volt-age (V)	Typical power/ mod (W/m)	Lumen output (lm/m)	Effi-ciency (Lm/W)	LED quantity	Beam angle(°)	max length in serie(m/ft)	Cutting unit (mm/in)
NC	Flexshine Type S D10 RGB 24V CV 5m/roll milky white	RGB	R:620-625 G:520-522.5 B:465-467.5	24	17,4W	R: 4.4W G: 6,5W B: 6,5W	R: 58 G: 116 B :22	R: 13,4 G: 17,9 B: 3,4	108 LEDs/m	120	5/16,4'	55,5/2,2"

Tolerance range for optical and electrical data: ±15 %.

DIMENSIONS

Light Surface
10/0,39"
17/0,67"
Φ30/1,18"
Base

10/0,39"
12/0,47"

610/24"   18/1,1"   5000/196,85"   13/0,51"

17/0,67"
19/0,75"

FLEXSHINE Type S D10 RGB V1-0
Subject to change without notice.

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ACCESSORIES

Code	Designation
NC	FLEXSHINE Type S D10 RGB ECO Connector for power supply
NC	FLEXSHINE Type S D10 RGB ECO End Cap
NC	FLEXSHINE Type S D10 RGB Plastic mounting clip
NC	FLEXSHINE Type S D10 RGB Aluminium Mounting Clip
NC	FLEXSHINE Type S D10 RGB Aluminium profile 1000mm with 3 alum mounting clips
NC	FLEXSHINE Type S D10 RGB Aluminium profile 35mm with alum mounting clips

INGRESS PROTECTION IP67

► Product is an "inbuilt LED module" designed to be used Indoors or Outdoors.
► The specified environmental protection of the LED module enclosure means that:
It is totally protected against the ingression of dust, and protected against the effect of water immersion up to 1 mtr deep.
► The certification requires products to pass a test 30 minutes long at 1 mtr. depth. After 30 minutes of submersion product could start to be affected or damaged.

► Make sure the application (sign, box, etc.) where the LED modules are installed into, has proper drain holes for water to exit so that LED modules and any other electronic components are not submerged exceeding the IP67 certification limits.

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INSTALLATION

► Before unrolling the FLEXSHINE, switch it on to warm up. It will be easier and safer to install it because the SILICONE will be more flexible.
► Disconnect power before installing or servicing to avoid electrical shock.
► All installation and connection must be conducted by professional electrician.
► For wet location installation, seal with silicone all possible water entry points. Failure to do so may damage product and will not be covered by warranty
► 24VDC Class 2 Power Supply must be used with this light. Make sure to use appropriate 24V converters.
► Ensure the overall length of the FLEXSHINE does not exceed the maximum run length as 5m-one end powered;10m-two ends powered.

THERMAL BEHAVIOUR

The temperature limits indicated below are expressed in °C, at full load, after 3 hrs of operation conditions, with natural convection:
► Operation temperature   Ta -25 to 60°C
► Max. temperature tc point   Ts -25 to 70°C

The life of the product will decrease when the maximum temperature limits are exceeded. If LEDs are operated for a continuous extended time at temperatures that exceed the maximum limits, the modules can fail.

Our Warranty will be void when LED modules are operated exceeding the maximum values indicated.

PACKAGING

	Type	SIZE - LxWxH (cm)	SIZE - LxWxH (ft)	Weight (Kg)	Weight (lb)	Nb of Pcs / box
CARTON	FLEXSHINE Type S D10 RGB	39x39x32,5	1,3x1,3x1,1	19	41,9	7

LED IT COMPANY LIMITED
Room A, 21/F, Gaylord Commercial building,
114 -118 Lochkart Road, Wanchai, Hong Kong
Contact : sales@leditinternational.com

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