

# LEDStripe

Large-profile LED tubing

## Specifications

**Dimensions**..... Width..... 25 mm (1.00 in)  
 Height..... 43 mm (1.68 in)  
 Lengths..... 0.3-m (1-ft)\*; 0.6-m (2-ft);  
 1.2-m (4-ft); 1.8-m (6-ft)  
 2.4-m (8-ft); 3.0-m (10-ft)

**Factory bends**..... 305 mm (12 in) radius (radial and flat bend)

**In-field bends**..... Radial bend..... 4.25 m (14 ft)  
 Flat bend..... 5.8 m (19 ft)

**Operating temperature**..... -40° C to +70° C

**Protection class** ..... IP66

**Binning**..... MacAdam Step 3<sup>†</sup>

**Power per meter/foot** ..... 5.0 W/1.5 W (except 0.3-m [1-ft] piece at  
 3.0 W on average)

**Power capacity** ..... 18.3 m (60 ft) per SloanLED 100 W 24 VDC power supply

**Colors** ..... Red, Orange, Amber, True Yellow, Green,  
 Blue, White (6500 K), Lemon Yellow

Color	Lumens per m/ft
Red	71.98 / 21.94
Orange	19.52 / 5.95
Amber	32.28 / 9.84
True Yellow	275.59 / 84.00
Green	65.35 / 19.92
Blue	31.50 / 9.60
White (6500 K)	387.40 / 118.08
Lemon Yellow	32.28 / 9.84

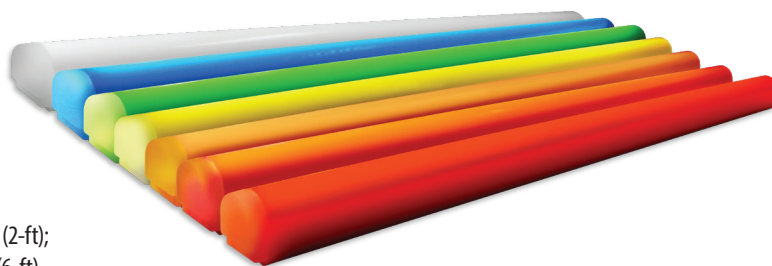
Item description	Approx. cut increments	Actual length
0.3-m (1-ft) Tube*	25 mm (1 in)	33.0 cm (13.0 in)
0.6-m (2-ft) Tube	75 mm (3 in)	63.5 cm (25.0 in)
1.2-m (4-ft) Tube		124.5 cm (49.0 in)
1.8-m (6-ft) Tube		186.7 cm (73.5 in)
2.4-m (8-ft) Tube		247.7 cm (97.5 in)
3.0-m (10-ft) Tube		308.6 cm (121.5 in)

\* U.S. and Canada only.

† White (P/N 701189E-W-X), and True Yellow (P/N 701189-YT-X) only.



LEDStripe is covered by US and foreign patents pending and covered by the following US patents issued: 6,776,504, 6,969,179, and 7,192,157



## Ordering information<sup>‡</sup>

Color	Part number	Color	Part number
Red	701189-XH	Green	701189D-G-X
Orange	701189-A-XD	Blue	701189A-B-XD
Amber	701189-Y-XD	White	701189E-W-X
True Yellow	701189-YT-X	Lemon Yellow <sup>§</sup>	701189E-WY-X

<sup>‡</sup> "X" in part number denotes length (0.3-m [1-ft]\*; 0.6-m [2-ft]; 1.2-m [4-ft]; 1.8-m [6-ft]; 2.4-m [8-ft]; or 3.0-m [10-ft])

<sup>§</sup> Lemon Yellow illuminates lighter than its daytime color. Lemon Yellow daytime color is Amber.

## Unlit product color chart

Red PANTONE 1797 C	Orange PANTONE 1665 C	Amber PANTONE 2012 C	True Yellow PANTONE 7405 C
Green PANTONE 355 C	Blue PANTONE 2935 C	Lemon Yellow PANTONE 138 C	

## Power Supply Capacity

24 VDC power supply	LEDStripe 24 VDC, all colors <sup>¶</sup>
30 W power supply	5.5 m / 18 ft
60 W power supply	11 m / 36 ft
96 W power supply	Two legs 9.04 m (30 ft) each <sup>Δ</sup>
3 x 96 W power supply	3 x two legs 9.04 m (30 ft) each <sup>Δ</sup>
100 W power supply	Two legs 9.04 m (30 ft) each <sup>Δ</sup>
150 W power supply	Three legs 9.04 m (30 ft) each <sup>Δ</sup>
Watts per assembly	5 W per m (1.5 W per ft)

<sup>¶</sup> Footages expressed are total (maximum 9 m [30 ft] per leg). Power Output is based on Power Supply loading of two parallel 9 m (30 ft) legs. Actual power draw may depend on loading configuration.


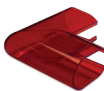











<sup>Δ</sup> If more than two parallel legs are used, check output voltage and current of power supply:  
 Current ≤ 4.0 A, Voltage ≥ 23.3 VDC.

NOTE: When mixing different sizes/colors or various products on the same power supply, simply add all the power requirements for the respective footages of each product. Then choose appropriate power supplies to provide adequate power output. The actual number of power supplies needed may vary based on how the materials are distributed across the project.

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## Accessories

Accessory	Part number	Description		
<b>Joint and corner covers</b>				
				
	701361-X	701362-X	701363-X	701364-X
Joint cover	701361-X	"X" in part number denotes color		
Outside corner	701362-X			
Inside corner	701363-X			
Step corner	701364-X			
<b>Cables and connectors</b>				
				
701158-120 & 701158-180	701385	701160-3	701187-DC	701188-DC
Hook-up cable, 3.0-m (10-ft)	701158-120	Connects LEDStripe to power supply		
Hook-up cable, 4.6-m (15-ft)	701158-180			
Jumper kit	701385	For routing around field-cut sections		
Y connector	701160-3	Three-way connector for joining two sections to one		
Wiring pigtail, large connector	701187-DC	Male, outdoor-rated connector		
Wiring pigtail, small connector	701188-DC	Female, outdoor-rated connector		
<b>Mounting</b>				
				
	400775	701156	400828-FC	701491
Mounting button	701156	Circular button for standard installation		
Mounting clip	400775	Square clip with flanged end		
Acrylic end cap	400828-FC	For adjusting product length		
Field end cap installation kit	701491	Glue, PCB sealer, de-burr sandpaper, instructions		

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Specifications subject to change without notice.

