

Ariel™

Standard Lumen 24V Flexible LED Tape Light



Features

- Available in warm white, white, cool white, red or blue.
- Various roll or custom lengths available.
- Standard lumen or high lumen styles available.
- 50,000 hours of estimated life.
- Easy to install 3M 9495LE** adhesive backing for quick and durable installation.
- Some options require a minimum order quantity. Please contact eliosales@itc-us.com.

Product Details

Voltage	24V DC
Wattage	1.3W/FT
Current	0.11A/FT
Lumens	90LM/FT
Color Temp.	3000K, 3500K, 4100K, 6300K, *Red & *Blue +/- 300K
IP Rating	IP64
Wire Gauge	18AWG
CRI	80+
Cut Increment	≈ 3.94" (10cm) cannot be field cut
LED Count	18/FT
Available Lengths	18' custom cuts available

*ITC recommends specifying your system at 90% of rated amperage.

Specification Guide

Sample Part #: TPDC2435.13036-8

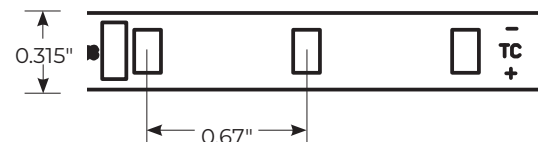
Base Part Number	
Voltage	
Color Temperature	
Length Needed (cm)	
Wire Length Needed (in)	
Flex Light Width	

Base Part #	Voltage	Color Temp.	Roll Length	Wire Length	Flex Light Width
TPD TPDC - custom cut	24 - 24V	30 - 3000K 35 - 3500K 41 - 4100K 63 - 6300K RD - Red BL - Blue	550 - 550 cm (18 Ft) Cuts ≈ every 10cm	12 - 12 in Cuts ≈ every inch	8 - 8 mm

*Contact sales for color temperature availability

NOTE | Full rolls should not be daisy chained. Daisy chaining can be done at shorter lengths as long as the max amperage does not exceed 5 Amps.

NOTE | Contact sales for info on cut lengths. Cannot be field cut. Custom cuts will be cut as close to the specified length as possible, if exact length cannot be made, light will be cut to the closest cut line that is shorter than the specified length.



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Hudsonville, MI 49426
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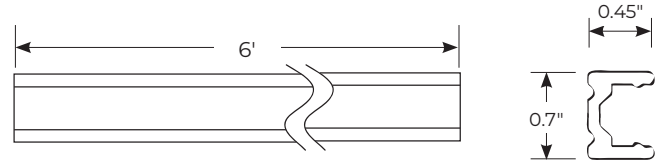
REV: 081122

Mounting Channel Specification

Description	Part #
Black Plastic Screw Mount	TPB-1
Clear Plastic Screw Mount	TPB-2
Aluminum Round Track, Diffused Lens (Mounting clips included)	810-00163-DF
Aluminum Recessed Track, Diffused Lens	810-00165-DF
Aluminum Surface Mount Track, Diffused Lens	810-00184-DF
Aluminum Shallow Recessed Track, Diffused Lens	810-00185-DF
Recessed/ Surface Mount Clip Kit	810-00188

*All tracks are 72" and can be field cut

Plastic Track (TPB-1 & TPB-2)

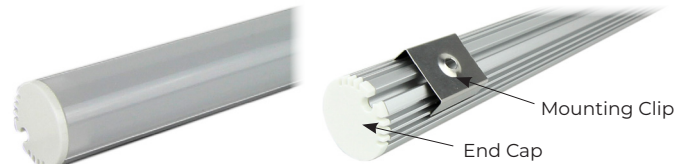
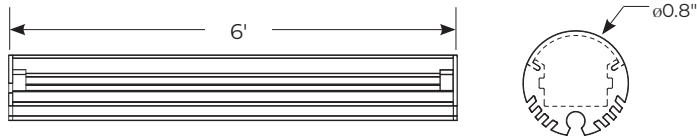


TPB-1

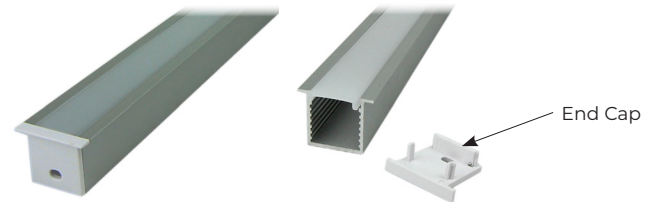
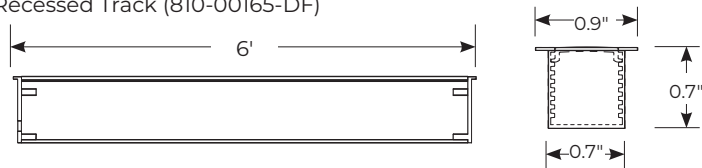


TPB-2

Round Track (810-00163-DF)



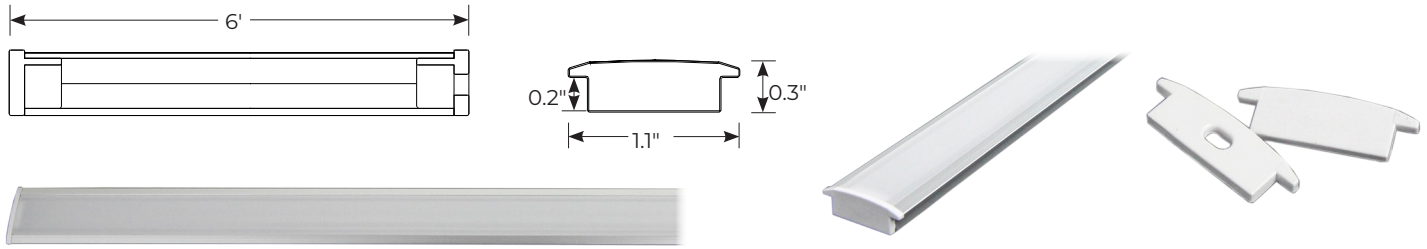
Recessed Track (810-00165-DF)



Surface Mount Track (810-00184-DF)



Shallow Recessed Track (810-00185-DF)



Recessed/Surface Mount Clip Kit (810-00188)



Power Supplies

- * For more information on power supplies, please review the power supply literature sheet.
- * All power supplies are hardwire, please contact your sales representative for plug-in options available.
- * Note, power supplies over 100W are listed, but are not class 2.
- * Only use Magnitude approved dimmers, a 50% load is required if not being used with a dimmer.

Part #	690010.127	690010.128	690010.080	690010.130	690010.129	690010.096+
Power Supply Type	0-10V Dimming	0-10V Dimming	0-10V Dimming	Magnetic (MLV) Line Voltage Dimming	Magnetic (MLV) Line Voltage Dimming	Magnetic (MLV) Line Voltage Dimming
Wattage	45W	150W	320W	60W	96W	300W
Housing	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
AC Input	120V AC	120V AC	120V AC	120V AC	120V AC	120V AC
DC Output	24V DC	24V DC	24V DC, 13.3 Amps	24V DC	24V DC	24V DC, 4.3 Amps
Input Current	0.3 Amps @ 120V AC	0.7 Amps @ 120V AC	1.5 Amps @ 120V AC	0.61 Amps @ 120V AC	1 Amp @ 120V AC	2.86 Amps @ 120V AC
	 	 	 	 	 	 

