

Ariel™

High Lumen 24V Flexible LED Tape Light



Part #: TPD24KK-LLLWL-8-L

Features

- Available in 3000K, 3500K or 4000K.
- 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

Housing Material	Clear Silicone
Voltage	24V DC
Wattage	4.4 Watt/Ft
Current	0.22 Amp/Ft
Lumens	360 LM/Ft
Color Temp.	3000K, 3500K & 4000K
IP Rating	IP64
UV Stable	Yes
Wire Gauge	18AWG
Operating Temp.	-4°F to +140°F
CRI	85+
Efficacy	82 LM/W
Cut Increment [cannot be field cut]	≈ 1.5" (3.75cm)

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

Specification Guide

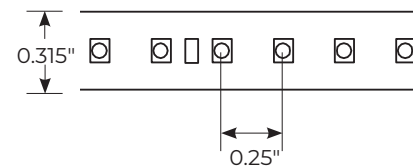
Sample Part #: TPDC2435-13012-8-L

Base Part #	
Voltage	
Light	
Length	
Wire Length	
Light Width	
Lumen Output	

Base Part #	Voltage	Color Temp.	Light Length	Wire Length (in)	Light Width (mm)	Lumen Output
TPD	24	30 - 3000K 35 - 3500K 40 - 4000K	550 - 550 cm (18 Ft) Cuts ≈ every ≈1.5" (3.75cm)	12	8	L - High Lumen

Note: Contact sales for info on available color temperatures and cut lengths. Cannot be field cut.

Note: Full rolls should not be daisy chained.



3030 Corporate Grove Dr.
Hudsonville, MI 49426
Phone: 616.396.1355
itc-us.com

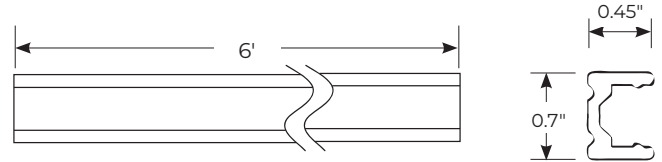
REV: 081122

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)

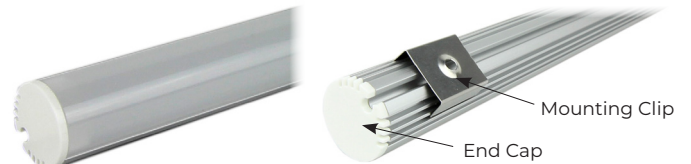
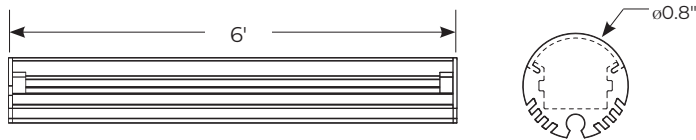


TPB-1



TPB-2

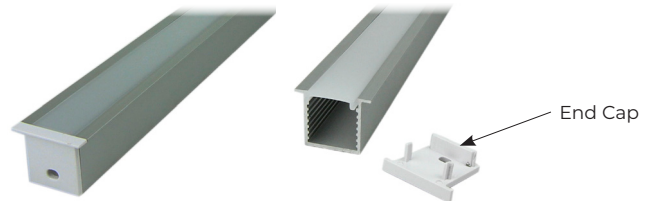
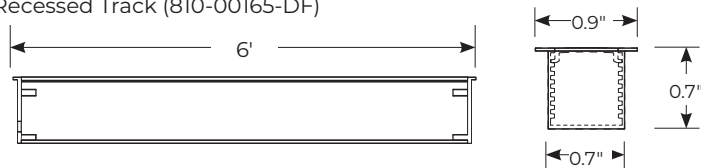
Round Track (810-00163-DF)



Mounting Clip

End Cap

Recessed Track (810-00165-DF)

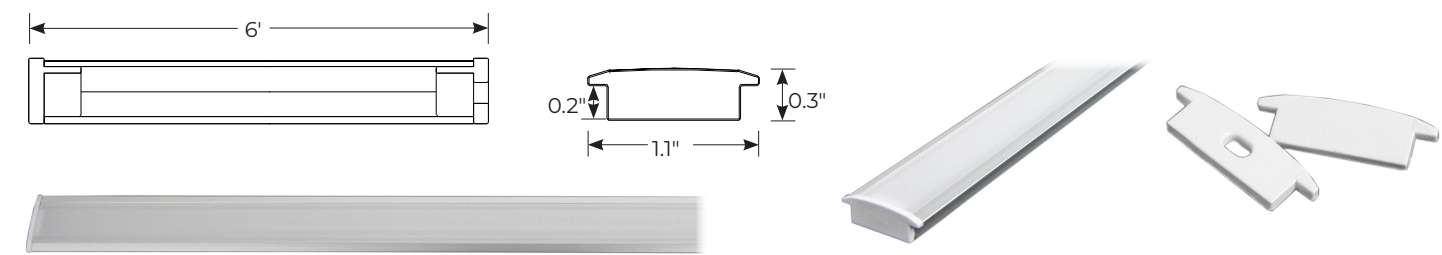


End Cap

Surface Mount Track (810-00184-DF)



Shallow Recessed Track (810-00185-DF)



Recessed/Surface Mount Clip Kit (810-00188)



Power Supply Specification

* 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
	 	 	 	 	 	 

