

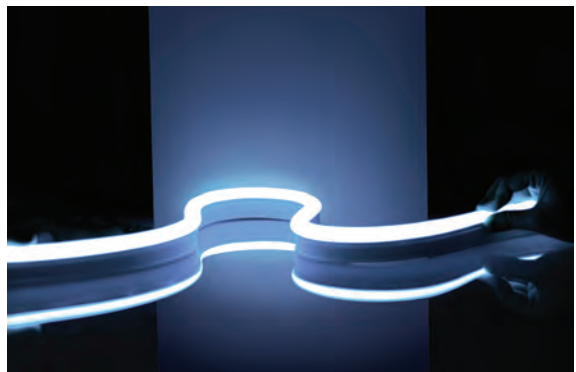
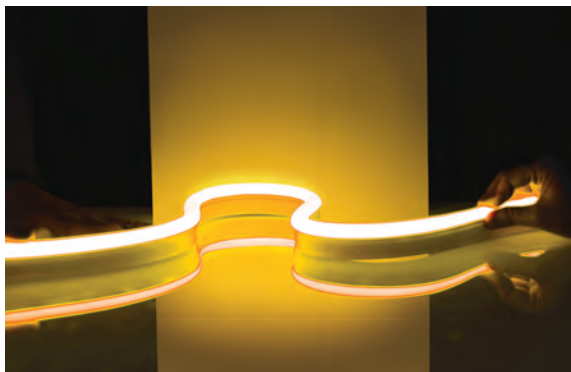


TPR ENTERPRISES, LTD.

Westflex LED Neon



Westflex LED Neon is a durable, flexible product for outlining buildings, bridges and creating curved lines of light. It is flexible, UV resistant, and carries an IP68 rating for submersible use. This state of the art product uses our patented Westflex technology and comes in 5 Color Temperatures of White Light, Solid Colors, and RGB Color Changing. With a wide range of accessories for virtually any application, let the Westflex LED Neon be your first choice in Neon replacement.



Westflex LED Neon

Energy Efficient – Westflex LED Neon uses less than 4W/ft for Color Changing systems and less than 2W/ft for Solid Colors. This is far more efficient than typical neon. At a mere 24 Volts it is far safer than the 400V neon systems.



Versatile – Westflex LED Neon can be cut to length every 4" and has a bend radius of 2.3" for tight turns at the corners of buildings and creating scrolling patterns of light.

Durable – With an IP68 rating this product can be located near water without the concern of electrical hazards associated with conventional neon. When properly installed it can be submerged up to 3', and it also carries UV inhibitors for the toughest of climates!



Color Specifications (*Other Color Temps Available, Contact Factory)

TPR-FL-NEON-6500K*	6500K White	4W/ft
TPR-FL-NEON-5000K*	5000K White	4W/ft
TPR-FL-NEON-3000K*	3000K White	4W/ft
TPR-FL-NEON-R	RED	2W/ft
TPR-FL-NEON-G	GREEN	4W/ft
TPR-FL-NEON-B	BLUE	4W/ft
TPR-FL-NEON-Y	YELLOW	2W/ft
TPR-FL-NEON-O	ORANGE	2W/ft
TPR-FL-NEON-P	PINK	4W/ft
TPR-FL-NEON-RGB	RGB	4W/ft

Please note: When choosing a power supply, total the footage and multiply by the watts per foot. This will give you the appropriate size of power supply.

Standard Roll Lengths are 32' and 64'. Consult Factory for custom cut lengths

Westflex LED Neon

Accessories – Westflex LED Neon has accessories for a multitude of applications. From clips for curved applications to self locking mounting track for linear effects, you will find what you need to complete your project effortlessly. Our factory offers pre-assembly of your project for plug-and-play applications, and will even provide a custom wiring diagram showing your personal installation with fixture lengths, accessories and any power supplies and controls needed to get the job done.

Pre-assembled Front Connector with Lead



TPR-FL-NEON-FC1 or FC2

- FC1 Connector is the front power connector. One required per run.
- FC2 Connector is used to bring power to the back of the fixture. Only required for runs exceeding 32ft.

IP68 End Cap



TPR-FL-NEON-EC

- One required per run on the non-powered end.
- Provides IP68 protection for the non-powered end.

Seamless Middle Connector



TPR-FL-NEON-MIDC

- Allows you to seamlessly join two pieces together.

Pre-assembled Jumper



TPR-FL-NEON-J

- Provides a flexible connection between two pieces of Westflex Neon.
- 1 ft long.

Y Connector



TPR-FL-NEON-YC

- Allows you to split one power feed to two pieces of Westflex Neon. 12" x 12" x 16"

Self Locking Mounting Track



TPR-FL-NEON-SLMT

- 40" Long

Mounting Clip



TPR-FL-NEON-MC

- 2" long.
- Recommended one per foot.

Tool Kit



TPR-FL-NEON-TK

- Necessary for field termination.

Westflex LED Neon

Power Supplies

Plug-in Power Supplies:

Compact and convenient with Standard IEP/Parallel Blade 18ga line cord and 5'-0" 16ga stripped and tinned secondary lead.

Suggested for use with all temporary installations. Non-Dimming.



TPR Model#	Output	AC Current	Dimensions L x W x H	Cooling	Operating Full-Load Temp Range	Ratings & Standard
PS36-24	72w @24vdc	0.8A @ 100Vac	4.29" x 1.76" x 1.21"	Convection	0°~+40°C	UL1950
PS60-24	120w @24vdc	1.3A @ 100Vac	4.53" x 2.19" x 1.31"			UL60950-1

Indoor/Outdoor Power Supplies:

Required for use outdoors. These versatile power supplies may also be used indoors. Units have a 12" 18ga Bare-End Input and Output Cord.

Non-Dimming.

TPR Model#	Output	AC Current	Dimensions L x W x H	Cooling	Operating Full-Load Temp Range	Ratings & Standards
PS60WP-24	60w @24vdc	0.8A @ 115Vac	7.64" x 2.4" x 1.52"	Convection	-30°~+50°C	UL1310 Class 2, IP65 Indoor/Outdoor
PS150WP-24	150w @24vdc	2.0A @ 115Vac	8.67" x 2.66" x 1.52"			UL/cUL recognized, UL60950-1 approved IP65 Indoor/Outdoor
PS240WP-24	240w @24vdc	0.08A @ 115Vac	9.60" x 2.67" x 1.53"		-30°~+70°C	UL1310 Class 2, IP65 Indoor/Outdoor



Enclosed Power Supplies:

Suitable for indoor use.

TPR Model#	Output	AC Current	Dimensions L x W x H	Cooling	Operating Full-Load Temp Range	Ratings & Standards35
PS35EC-24	36w @24vdc	8A @ 115Vac	6.32" x 4.38" x 2.06"	Convection	-25°~+70°C	UL60950-1 TUV EN60950-1
PS65EC-24	76w @24vdc	2.0A @ 115Vac	8.69" x 5.05" x 2.25"		-10°~+60°C	UL1012, UL60950-1 TUV EN60950-1 CCC GB4943
PS100EC-24	108w @24vdc	3.15A @ 115Vac	10.32" x 4.94" x 2.25"		-10°~+60°C	UL1012, UL60950-1 TUV EN60950-1 CCC GB4943
PS200EC-24	211w @24vdc	4.2A @ 115Vac	12.06" x 7.06" x 2.75"		-10°~+60°C	UL60950-1
PS300EC-24	300w @24vdc	6A @ 115Vac	8.67" x 2.66" x 1.52"	Forced Air	-20°~+50°C	UL60950-1



Dimmable Power Supplies:

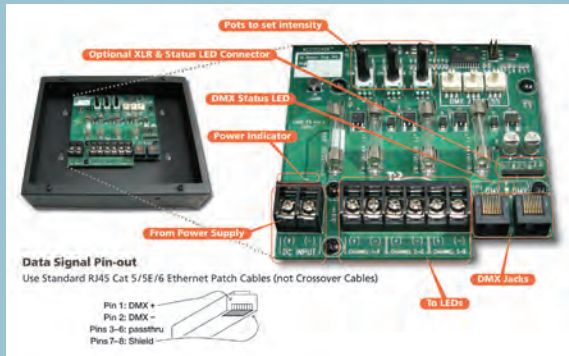
TPR Model#	Output	AC Current	Dimensions L x W x H	Cooling	Operating Full-Load Temp Range	Ratings & Standard
PS60-D	60w @24vdc	0.05A @ 120Vac	7" x 3.75" x 3"	Convection	-40°~+150°C	UL60950-1



Consult factory for additional power supply choices including 0-10 volt dimmable.

Westflex LED Neon

Controls – Westflex LED Neon is fully dimmable for White Light and Solid colors, and the RGB version can be controlled for a variety of effects. Below you will find the Power Supplies and Controllers necessary for a complete system.



TPR-WESTP-300

Westpower 300

- 3 Channel LED Dimmer Pack
- Controls Single color or RGB Neon
- 600 Watts maximum load
- For complete specs see Westpower data sheet



TPR-STICK1-DMX

STICK1 1028 Channel Programmable Wall Pad

- Wall mount controller
- Touch Sensitive control panel with clock/calendar functions
- Control 5 zones simultaneously
- 1024 DMX Channels
- For complete specs, see STICK1 data sheet



TPR-WC-DMX-S

Wall Controller Single Color

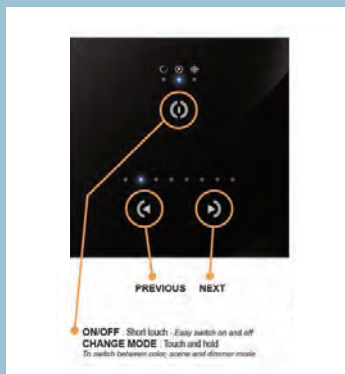
- Wall Mount controller
- 3 Channel
- 1 Zone
- 5 Pre-programmed scenes
- For complete specs, see DMX Wall control data sheet



TPR-WC-DMX-RGB

Wall Controller DMX-RGB

- RGB Wall Mount controller
- 3 Channel
- 8 Pre-programmed scenes
- For complete specs, see DMX RGB wall control data sheet



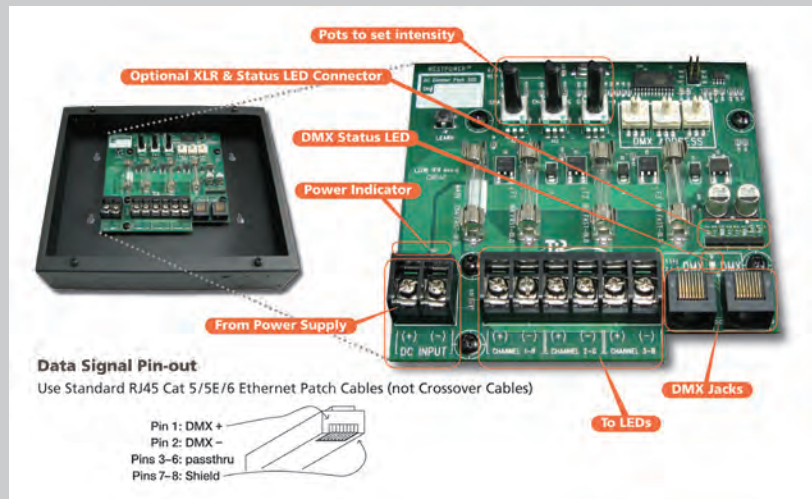
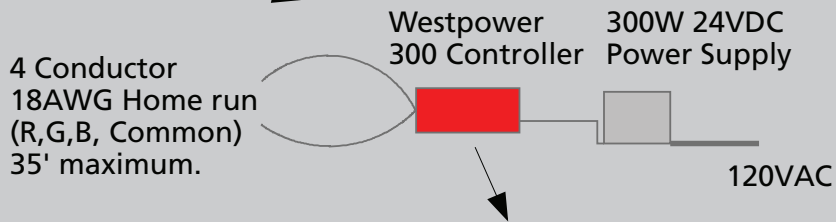
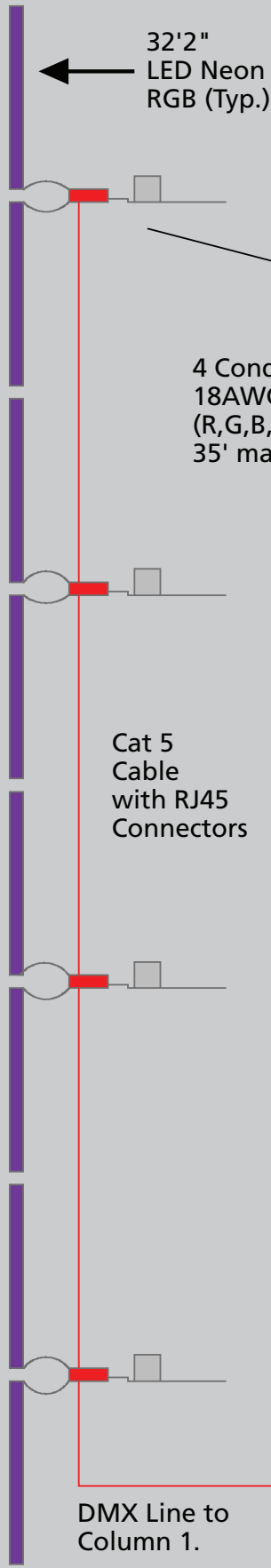
TPR-STICK2-DMX

STICK2 512 Channel Programmable Wall Pad

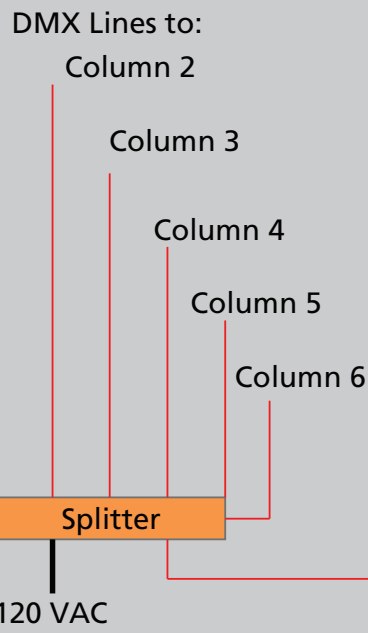
- Wall mount controller
- Touch Sensitive control panel
- 128 DMX Channels
- For complete specs, see STICK2 data sheet

Westflex LED Neon

Typical LED Neon Layout. NTS.



See Westpower 300 Users Manual



Notes: There are 6 columns per building (three buildings). Each column is identical. STICK1 controller is Ethernet driven so each one will have an Ethernet Cable (by contractor) and be queued by the building automation system, TBD.

STICK 1 Controller

