

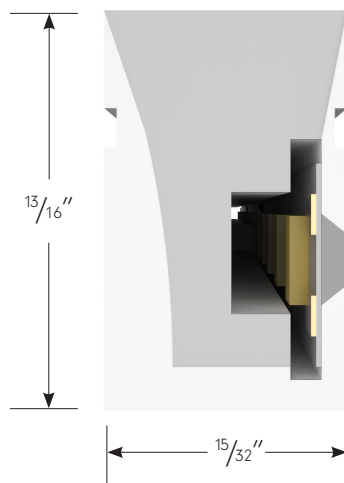


Project: \_\_\_\_\_ Type: \_\_\_\_\_

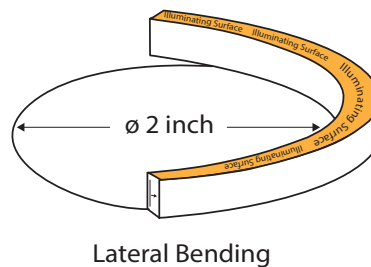
- Tunable white from 1900K - 2700K or 2200K - 6000K range for precise color choice when used with DMX controls and software
- Factory molded power lead and end cap
- Constructed using flexible SMD LEDs with zero voltage drop for reliability and uniformity of light
- Used to outline structures or where traditional glass neon is used
- Low Voltage 24V DC
- Long-life LEDs with tight cutting increments for precise field installation
- UV Stabilized for exterior use with silicone housing (no yellowing or cracking)
- IP67 Rating
- IK07 Rating - protected against 2 joules impact
- 1 Bin, 1.5 step color consistency



## Dimensions



TRACE Horizontal Bending Direction





### Order Specification Guide

NOTE: Lengths and quantity of each run must be submitted at time of order.  
TRACE is factory prep only. In-field cutting will void warranty.

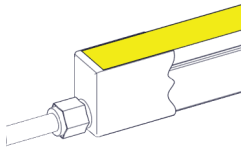
PRODUCT CODE	INTENSITY	PROFILE	LED COLOR	RANGE	VOLTAGE
<b>TRCE</b> TRCE = Trace Flexible Light	- [ ] L = Low Output S = Standard Output H = High Output	- <b>H</b> H = Horizontal	- <b>TW</b> TW = Tunable White	- <b>01</b> 01 = 2200-6000K 02 = 1900-2700K	- <b>24</b> 24 = 24V DC

### Specifications

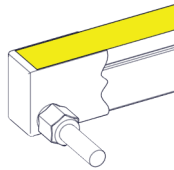
LED Intensity (Based on 01 Option)	Low Output	Standard Output	High Output
Lumens (lm/ft)	48	96	137
Beam Angle	124.4°		
Efficacy (lm/W)	32		
LEDs	3014		
CRI	80+		
<b>Electrical</b>			
Dimming	DMX		
Input Voltage	24V DC		
Power Consumption (W/ft)	1.5	3	4.5
Maximum Run	58'	29'	19'
<b>Physical</b>			
Dimensions	15/32" X 13/16"		
Cutting Increments	1.97"		
Material	UV, Solvent, Saltwater resistant silicone		
Wire Exit Options	Front, Side, Bottom		
LED PIN Temperature	65°C / 149°F		
Storage Temperature	-25°C / -13°F - 60°C / 140°F		
Ambient Temperature	T <sub>a</sub> min = 33°C / 90°F, T <sub>a</sub> max		
<b>Certification and Testing</b>			
Certification	cULus		
Rated Life L70/hrs	54,000		
Environment	Wet Location		
IP Rating	IP67		
IK Rating	IK07		
Warranty	3 Years		

- Maximum Run length refers to single side feed in serial connection
- The given color temperature is the strip (after coating) color temperature
- The given data are typical values due to the tolerances of the production process and electrical components; values for the light output and electrical power can vary up to 10%

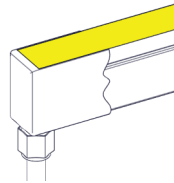
**Factory Molded Power Lead and End Caps**



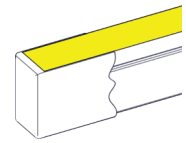
**FRONT**  
Horizontal Front Lead Entry  
10' Power Lead Cable with End Cap



**SIDE**  
Horizontal Side Lead Entry  
10' Power Lead Cable with End Cap



**BOTTOM**  
Horizontal Bottom Lead Entry  
10' Power Lead Cable with End Cap

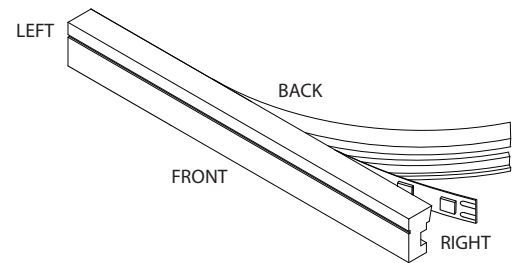


**END CAP**  
Horizontal End Cap (No Lead)

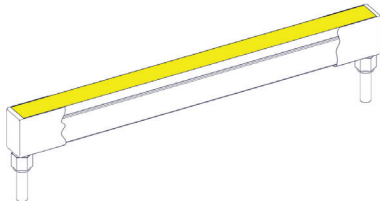
**Power Leads - How to Configure**

It is important to note the orientation of TRACE and what is considered Left Facing and Right Facing. TRACE is polarity specific and proper submission of power leads for each run is necessary for factory prep standards.

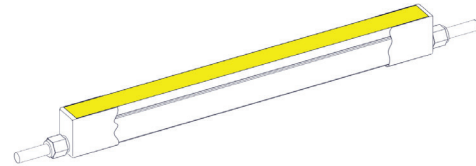
HORIZONTAL TRACE - The cut window will always indicate as Back



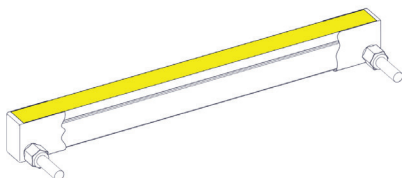
**Molded Power Lead Configurations**



**TRCE-H-TW-MLEAD-B-B**  
Left Facing Bottom Lead with 10' Power Cable to  
Right Facing Bottom Lead with 10' Power Cable

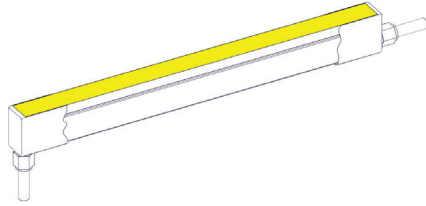


**TRCE-H-TW-MLEAD-F-F**  
Left Facing Front Lead with 10' Power Cable to  
Right Facing Front Lead with 10' Power Cable

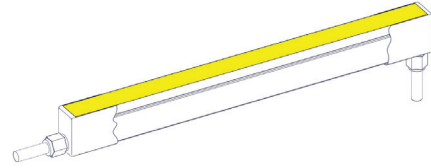


**TRCE-H-TW-MLEAD-S-S**  
Left Facing Side Lead with 10' Power Cable to  
Right Facing Side Lead with 10' Power Cable

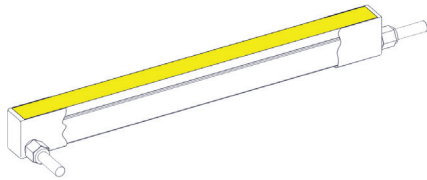
**Molded Power Lead Configurations**



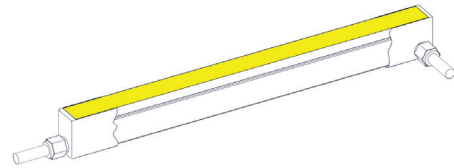
**TRCE-H-TW-MLEAD-B-F**  
 Left Facing Bottom Lead with 10' Power Cable to  
 Right Facing Front Lead with 10' Power Cable



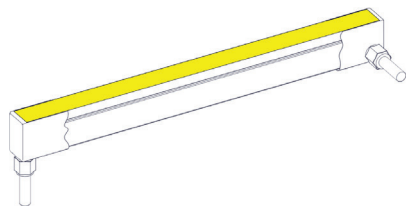
**TRCE-H-TW-MLEAD-F-B**  
 Left Facing Front Lead with 10' Power Cable to  
 Right Facing Bottom Lead with 10' Power Cable



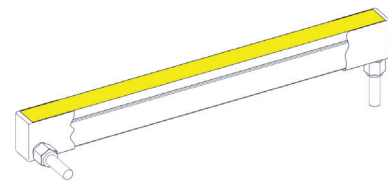
**TRCE-H-TW-MLEAD-S-F**  
 Left Facing Side Lead with 10' Power Cable to  
 Right Facing Front Lead with 10' Power Cable



**TRCE-H-TW-MLEAD-F-S**  
 Left Facing Front Lead with 10' Power Cable to  
 Right Facing Side Lead with 10' Power Cable

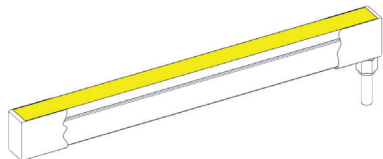


**TRCE-H-TW-MLEAD-B-S**  
 Left Facing Bottom Lead with 10' Power Cable to  
 Right Facing Side Lead with 10' Power Cable

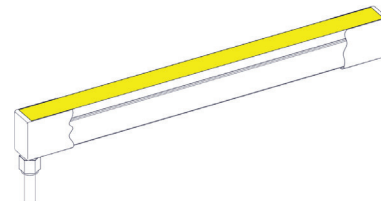


**TRCE-H-TW-MLEAD-S-B**  
 Left Facing Side Lead with 10' Power Cable to  
 Right Facing Bottom Lead with 10' Power Cable

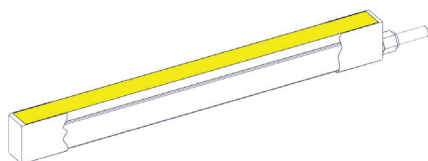
**Molded Power Lead Configurations**



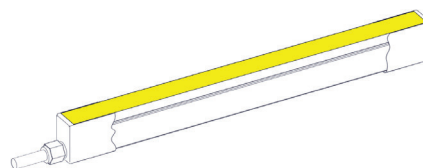
**TRCE-H-TW-MLEAD-E-B**  
Left End Cap Lead to Right Facing Bottom Lead with 10' Power Cable



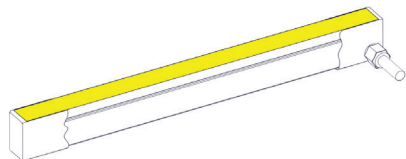
**TRCE-H-TW-MLEAD-B-E**  
Left Facing Bottom Lead with 10' Power Cable to Right End Cap



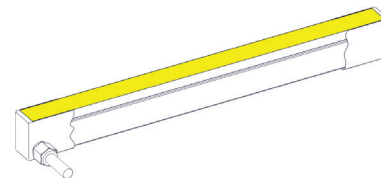
**TRCE-H-TW-MLEAD-E-F**  
Left End Cap Lead to Right Facing Front Lead with 10' Power Cable



**TRCE-H-TW-MLEAD-F-E**  
Left Facing Front Lead with 10' Power Cable to Right End Cap

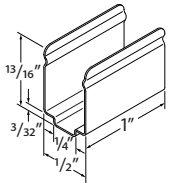


**TRCE-H-TW-MLEAD-E-S**  
Left Facing End Cap Lead to Right Facing Side Lead with 10' Power Cable

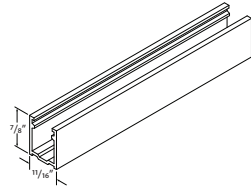


**TRCE-H-TW-MLEAD-S-E**  
Left Facing Side Lead with 10' Power Cable to Right Facing End Cap

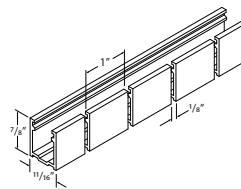
### Mounting Options



**TRCE-H-SLS-MTCLIPS**  
Mounting Clips Horizontal Profile, 2  
Stainless Steel Clips, 2 Screws



**TRCE-H-SLV-SCHAN-6.5**  
Straight Channel Horizontal Profile  
6.56' Length, Aluminum



**TRCE-H-SLV-NCHAN-6.5**  
Notched Channel Horizontal Profile  
Radius Bend: 11"  
6.56' Length, Aluminum



**FLXD-SIL-GE-10**  
GE Silicone 10oz Tube  
Use to adhere TRACE into entire  
run length of channel  
10oz tube/25' bead length

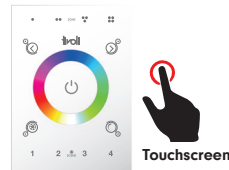
### In-Wall Controls



**TVOQ-10-XX-7**  
XX = BK (black), WH (white)  
1024 DMX channel, 500 scene,  
10 zone, glass touch screen



**TVOQ-2-BK**  
Black, 512 DMX channel, 99 scene,  
1 zone, glass touch screen



**TVOQ-1-WHT**  
512 DMX channel, 16 scene,  
4 zone, glass touch screen



## Power Supplies - Indoor

### ADUL - VARIABLE / DMX SINGLE ADDRESS

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-120-1-4-24-VW	Indoor / Damp	100-277V AC 50/60 HZ	24V DC	1	96W	4A
	ADUL-240-2-4-24-VW				2	2x96W	2x4A
	ADUL-320-3-4-24-VW				3	3x96W	3x4A

### ADUL - VARIABLE / DMX MULTI ADDRESS

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-240-2-4-24-VW-2	Indoor / Damp	100-277V AC 50/60 Hz	24V DC	2	2x96W	2x4A
	ADUL-320-3-4-24-VW-3				3	3x96W	3x4A

## Power Supplies - Outdoor

### ADNM - VARIABLE / DMX SINGLE ADDRESS

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADNM Series Class 2 Transformer	ADNM-90-1-4-24-VW	Indoor / Outdoor	100-277V AC 50/60 HZ	24V DC	1	90W	3.75A
	ADNM-120-1-4-24-VW				1	96W	4A
	ADNM-240-2-4-24-VW				2	2x96W	2x4A
	ADNM-320-3-4-24-VW				3	3x96W	3x4A

### ADNM - VARIABLE / DMX MULTI ADDRESS

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADNM Series Class 2 Transformer	ADNM-240-2-4-24-VW-2	Indoor / Outdoor	100-277V AC 50/60 Hz	24V DC	2	2x96W	2x4A
	ADNM-320-3-4-24-VW-3				3	3x96W	3x4A

## DMX Sub-Controller

DESCRIPTION	CAT NO	MODES	WATTAGE	PRIMARY VOLTAGE	DIMENSION
DMX Basic Subcontroller	TPL-RGBW-180-24	Subcontroller only	5X96W	24V DC	2.87" W X 6.46" L X 1.45" H