

Project	Type
Catalog #	

## DESCRIPTION

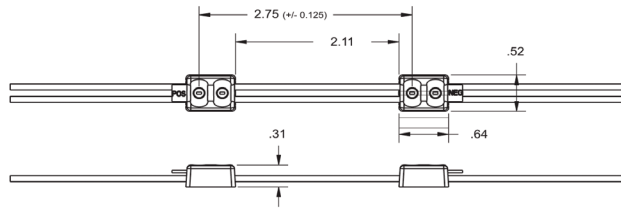
Tadpole Plus White solves the problems of installing LED modules into narrow strokes and brightening small channel letters. As one of the industry's smallest footprint, high-brightness modules, Tadpole Plus White fits easily into strokes as narrow as 0.5".

## FEATURES AND SPECIFICATIONS

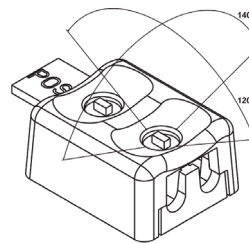
- World-class LEDs that provide optimal brightness, color, consistency and efficiency.
- L70 rating of 60,000 up to 100,000 hours.
- Patented Quick Connect system reduces installation time, cost and potential points of failure.
- Mounting options include premium 3M VHB tape.
- Class 2 compliant.
- US LED's recognized 5-year warranty on all colors.
- Suitable for damp locations.
- UL Recognized (USA/Canada).
- UL Classified for retrofits (USA/Canada).
- CSA approved.

## OUTLINE DRAWING

Dimensions are in inches



Viewing Angles



# Tadpole Plus White

## TADPOLE SERIES



### ENERGY DATA

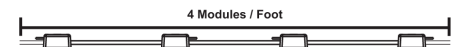
Input Voltage (V DC)	12
Module Level Power (W/ft)	1.44
System Level Power (W/ft)*	1.6
Delivered Lumens (Lm/ft)**	57
Reference Lumens (Lm/ft)**	60
LED Efficacy (Lm/W)	86
System Efficacy (Lm/W)	36
Viewing Angle θ (°)	120
Viewing Angle φ (°)	140
Correlated Color Temp (K)	6300
LED L70 Lifetime (hrs)	> 60,000
Typical Stroke (in)****	4
Maximum Stroke Width (in)****	6
Operating Temperature	(-40) to 60 °C / (-40) to 140 °F

\* System power consumption, which includes power supply losses

\*\* Estimated light output under application operating conditions

\*\*\* Light output at LED junction temperature of 25°C

\*\*\*\* For 5 inch deep can



## ORDERING INFORMATION

Example: P TPL-2-12-W

P TPL	2	12	W
Series	LEDs per Module	Input Voltage	Color
P TPL	2	12	W White

### POWER SUPPLY AND LOADING SPECS

	Min Ft	Max Ft	US LED Model Number
12W Load	2	8	PSA-12-12 (LED120A0012V10F)
60W Load	7	41	PSA-12-60 (LED120A0012V50F) PSA-12-60V (LEDINTA0012V50FO)

### PACKAGING SPECS

	Modules (feet)
Master Case	936 (234')
Inner Case	312 (78')
Tray	104 (26')

Specifications and dimensions subject to change without notice.

DATASHEET 06.16.2011