COLORLINE

Neon-inspired tubing

Specifications

Dimensions ..... Width .....0.44"
Base width .....0.59"
Height.....1.00"
Lengths.....2-ft; 4-ft; 6-ft; 8-ft

Factory bends ..... 9.75" radius
(radial and flat bend)

Approx. cut increments ..... 2.4"

In-field bends ..... Radial bend .....19 ft
Flat bend .....6 ft

Operating temperature ..... -40° C to +70° C

Protection class IP66

Binning ..... MacAdam Ellipse 3-Step*

Power per foot ..... 2.28 W

Colors ..... Colors retain hue when non-illuminated
(see "Unlit Product Color Chart" for Pantone color equivalents)

Mounting ..... Dual-position mounting clips (400381-25)
orient in two directions

Color	Lumens per ft
Red	28.01
Orange	35.82
Yellow	23.26
Green	21.97
Blue	6.94
White (6500 K)	49.26
Warm White (3500 K)	

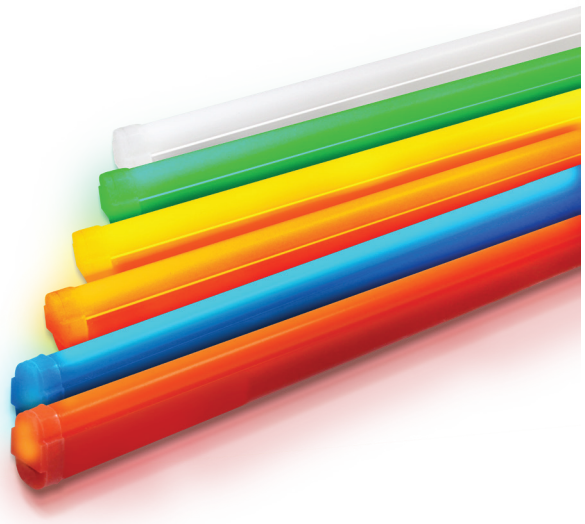
Unlit Product Color Chart†

Red/Ruby Red **PANTONE 485 C**	Orange/ Citrus Orange **PANTONE 151 C**	Yellow/Noviol Gold **PANTONE 3975 C**
Green/Emerald Green **PANTONE 355 C**	Blue/Bromo Blue **PANTONE 2935 C**	

* White (P/N 701800-W-X) and Warm White (P/N 701800A-WW-X) only.
† "Unlit Product Color Chart" provided as a courtesy to give a general idea of product color. Colors in chart not printed using Pantone inks and may vary from actual Pantone number/color. For an accurate representation of product color, a Pantone Color Guide book should be used, or order a sample part. For more information on Pantone, visit Pantone.com.

RoHS Compliant

ColorLINE is covered by US and foreign patents pending and covered by the following US patents issued: 6,776,504, 6,969,179, and 7,192,157



Ordering Information

Color	Part number
Red	701800D-R-X
Orange	701800D-O-X
Yellow	701800D-Y-X
Green	701800D-G-X
Blue	701800D-B-X
White (6500 K)	701800-W-X
Warm White (3500 K)	701800A-WW-X

NOTE: **X** = desired length.
See table below for length codes.

Code	Item desc.	Actual length
2	2-ft Tube	24.66 in
4	4-ft Tube	48.66 in
6	6-ft Tube	72.66 in
8	8-ft Tube	96.66 in

How to Order

1. Submit a layout request to **layouts@pindustries.com**.
2. Principal Sloan will generate a layout and bill of materials (BOM) for your project.
3. Contact your local distributor to quote the layout BOM.

Power Supply Options

12 VDC Power supply‡	All colors Maximum feet
20 W	8
60 W	24
2 × 60 W	2 × 24
Power used per foot in Watts	2.28

‡ Configured for Class 2 Output.

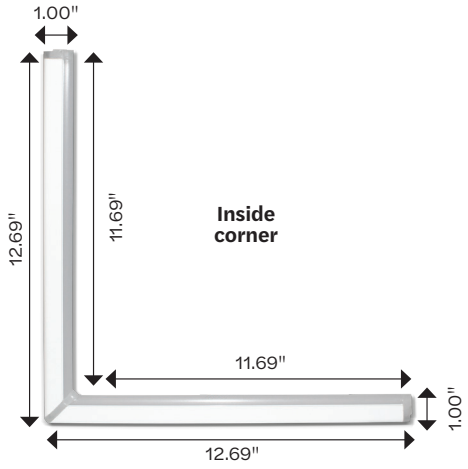
NOTE: When mixing modules of different sizes/colors or various products on the same power supply, simply add all the power requirements for the respective footages of each product. Then choose appropriate power supplies to provide adequate power output. The actual number of power supplies needed may vary based on how the materials are distributed across the project.

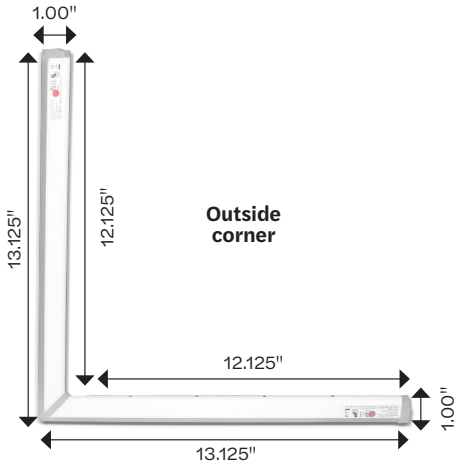
PRINCIPAL SLOAN
A Principal Industries Company

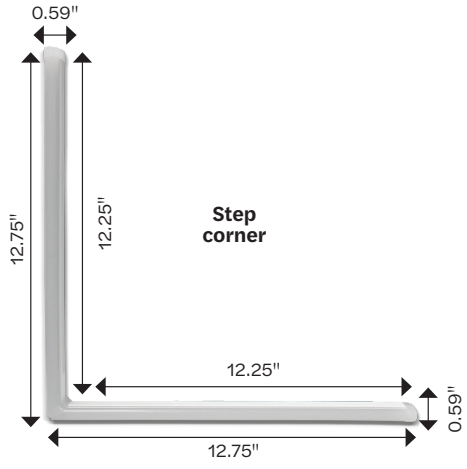
COLORLINE

Neon-inspired tubing

Accessories







Color	Inside corner	Outside corner	Step corner
Red, Orange, Yellow, Green, Blue	701800D-IC-Color	701800D-OC-Color	701800D-SC-Color
White (6500 K)	701800-IC-W	701800-OC-W	701800-SC-W
Warm White (3500 K)	701800A-IC-WW	701800A-OC-WW	701800A-SC-WW

Joint covers
701807
Snap-on, frosted joint covers for clean finish Illuminated mitered corners



Mounting clip
400381



Field-cut end caps



Part number	Color
401971-FC-R	Red
401971-FC-O	Orange
401971-FC-Y	Yellow
401971-FC-G	Green
401971-FC-B	Blue
401971-FC	White

Discontinued Part Numbers

Part number	Color
701800-O-**X**	Orange
701800-R-**X**	Red
701800-Y-**X**	Yellow
701800A-B-**X**	Blue
701800A-G-**X**	Green
701800C-B-**X**	Bromo Blue
701800C-G-**X**	Emerald Green
701800C-O-**X**	Citrus Orange
701800C-R-**X**	Ruby Red
701800C-Y-**X**	Noviol Gold

NOTE: Discontinued versions of ColorLINE listed here are presented for reference only and are no longer available for order.

5 YEAR Product & Labor WARRANTY

principalsloan.com
325.227.4577
3490 Venture Dr., San Angelo, TX 76905

© 2025 Principal Industries Rev G 2025-10-29

Specifications subject to change without notice.

PRINCIPAL SLOAN
A Principal Industries Company