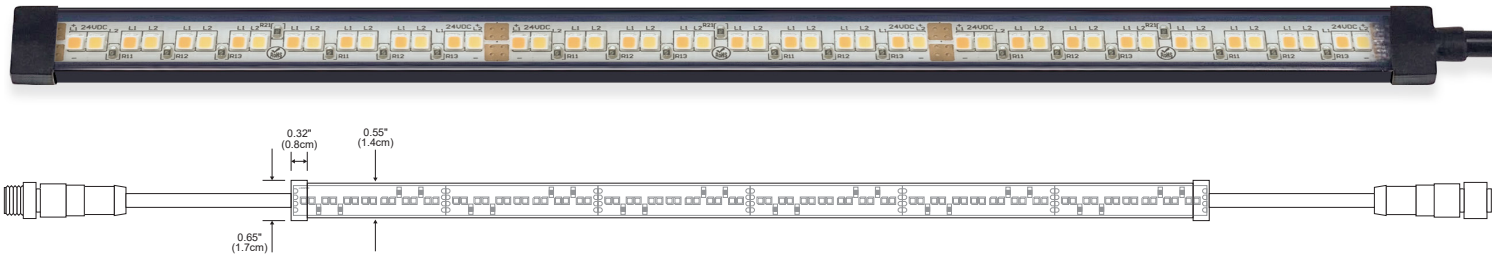


OUTDOOR/WET LOCATION LED STOMP STRIP

24VDC, WARM DIM

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 03.13.25



FEATURES & BENEFITS

Our Wet Location Stomp Strip is a versatile, high-performance lighting solution built for durability in outdoor environments. Featuring a 0.5" wide flat lens, the fixture is available in black or white body options with a clear or diffused UV-resistant silicone lens for high output or reduced pixelation. Offered with Warm Dim technology (**27D** & **30D**) mimicking an incandescent atmosphere by decreasing the color temperature as you dim. Designed for surface or flush mounting, the flexible design delivers superior color rendering, uniform illumination, and high efficiency without compromising durability. The optically clear or diffused silicone coating prevents fading over time, ensuring long-term performance and reliability.

LUMEN PERFORMANCE AT 3000K 5W PER FOOT

LUMEN OUTPUT	631 lm/ft
EFFICIENCY	131 lm/watt
CRI	94
R9	76

SPECIFICATIONS

DIMENSIONS	Width 0.55" Height: 0.19"
INPUT	24VDC with 6" leads
POWER SUPPLIES	Remote 24VDC power supply required
POWER CONSUMPTION	4.8 watts per foot
INCREMENTS	1'
MAX LENGTH	20'
BEND	90°
BEAM ANGLE	120°
BEAM TOLERANCE	+/- 30CCT
MATERIAL	UV Resistant PVC, Optically Clear or Diffused Silicone
OPERATING TEMPERATURE	-4° F (-20° C) to 122° F (+50° C)
AVERAGE LED LIFE	50,000 hrs
WARRANTY	5 Year pro-rated
COMPLIANCE	Class 2 Wiring Indoor Applications, Outdoor Wet Location with Water Tight Barrel Connectors IP67 Rated, ETL listed

LAMP

2700K (**27D**) dims from 2700K down to 1800K, and 3000K (**30D**) dims from 3000K down to 2000K, resembling halogen light sources.

REQUIRED COMPONENTS (SOLD SEPARATELY)

- Power Connectors
- Power Supplies

ACCESSORIES (SOLD SEPARATELY)

- Wet location junction box
- Wet location cable
- T Connectors
- Mounting Straps & Clips (Included 1 per foot with each order)
- Surface Channel for strip

REMOTE POWER SUPPLIES* & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring

- [Home Integration Solutions](#)

OUTDOOR/WET LOCATION

- [UNI Driver: Universal Dimming](#) (TRIAC, ELV, 0-10V)

INDOOR

- [UNI Driver: Universal Dimming](#) (TRIAC, ELV, 0-10V)

MAKE IT SMART

[Pure Smart™ WiZ Pro Controls](#)

APPLICATIONS

Coves, toe-kicks, pathways, shower accents, facade, and edge lighting

COMPLIANCE

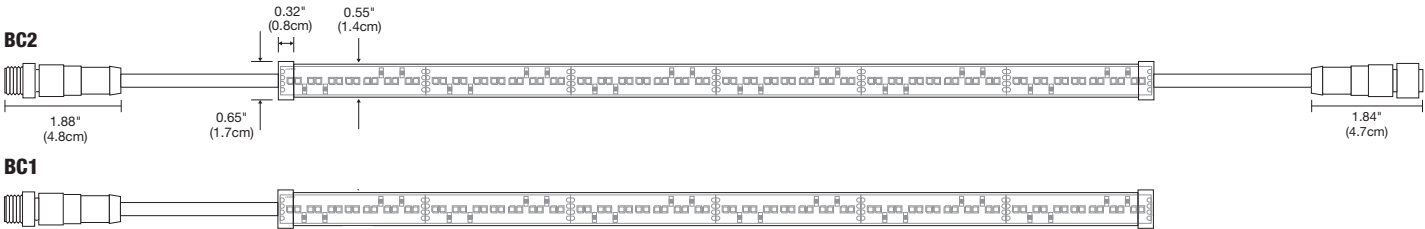
Class 2 Wiring, Outdoor Wet Location, IP67 Rated, ETL listed, RoHS.

Wattage	Voltage	Length in Feet	Lens/Body	Color Temperature	Connector	Options
ST5A	24V	20	CB	27D	BC1	W
ST5A 4.4 Watt Stomp Strip (20ft Max)	24V 24 Volt	1-20	CB Clear Lens Black Body CW Clear Lens White Body D Diffused Lens	27D 2700K-1800K Warm Dim 30D 3000K-2000K Warm Dim	BC1 One 6" wire lead & barrel connector at one end BC2 Two 6" wire leads & barrel connector at both ends	W Wet Location

PROJECT		FIXTURE TYPE		DATE	
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DELIVERED LUMENS

SYSTEM	ST5A CLEAR LENS (CB AND CW)		ST5A DIFFUSED LENS	
WATTS PER FOOT	4.8W		4.8W	
COLOR TEMPERATURE	27D	30D	27D	30D
LUMENS PER FOOT (lm/ft)	606	631	485	505
LUMENS PER WATT (lm/w)	126	131	101	105
CRI	94+	94+	94+	94+
Rf	90	90	90	90
RG	99	99	99	99
LEDS PER FOOT	48	48	48	48
MAX RUN LENGTH	20ft	20ft	20ft	20ft

POWER CONSUMPTION PER LINEAR FOOT

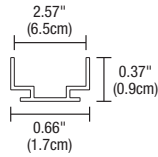
ST5A (4.8 watts)																				
Maximum length before re-feeding: 20'																				
LENGTH IN FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
TOTAL WATTAGE	5	10	15	20	24	29	34	39	44	48	53	58	63	68	72	77	82	87	92	96

OUTDOOR/WET LOCATION LED STOMP STRIP

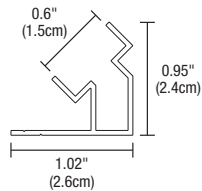
24VDC, WARM DIM



CS.3 Flat Surface Channel



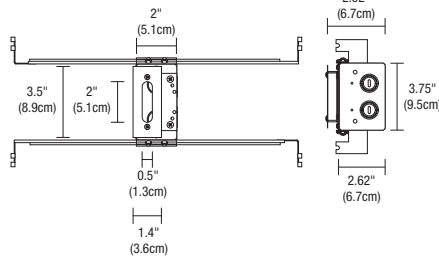
CS45 45 Degree Surface Channel



SURFACE CHANNELS

Extruded aluminum provides rigid mounting on flat surfaces. Offered in 4' increments, field cuttable.

System	Length In Feet	Finish
CS.3	4FT	SA
CS.3 Channel for Surface Tubing	4FT 4 Feet	SA Satin Aluminum
CS45 45° Channel for Surface Tubing		



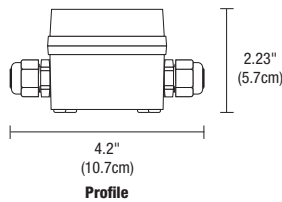
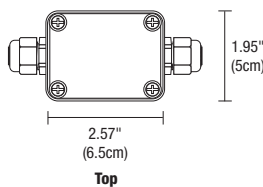
1" RECTANGLE CANOPY & J-BOX*

The Slim-Profile Junction Box with Hanger Bars mounts to studs spaced between 14.5" and 25" apart behind drywall. Allows low voltage DC wires from Remote Power Supply to connect to channel wires. The Junction Box opening is covered by the fixture for a clean, safe connection. Includes a Goof Plate, for poor plastering around J-box.

Product	Canopy	Product
C	1RE	JBOX
C Channel	1RE 1" Rectangle	JBOX Junction Box

WET LOCATION JUNCTION BOX

Wet-rated low voltage Splice Box with connectors.



Product	Type	Option
2RE	JBOX	W
2RE 2" Rectangle	JBOX Junction Box	W Wet Location

WET LOCATION JUNCTION BOX WITH 6" POWER CABLE

This watertight, multi-fixture Junction Box is especially designed for lighting in wet and damp locations. It is versatile, rugged and simple to install. The Junction Box comes standard with a 6" Flexible Cable providing easy, safe, and reliable connections for 24V low voltage luminaires. This box is approved for indoor and outdoor usage and complies with all the requirements of UL1241 and the National Electric Code.

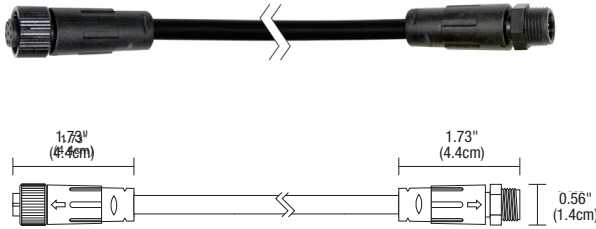


Product	Canopy	Product	Size	Option
SS	2RE	JBOX	6IN	W
SS LED Soft Strip Flex Neon	2RE 2" Rectangle	JBOX Junction Box	6IN 6" Four Wire Connection 96IN 96" Four Wire Connection	W Wet Location

PROJECT		FIXTURE TYPE		DATE	
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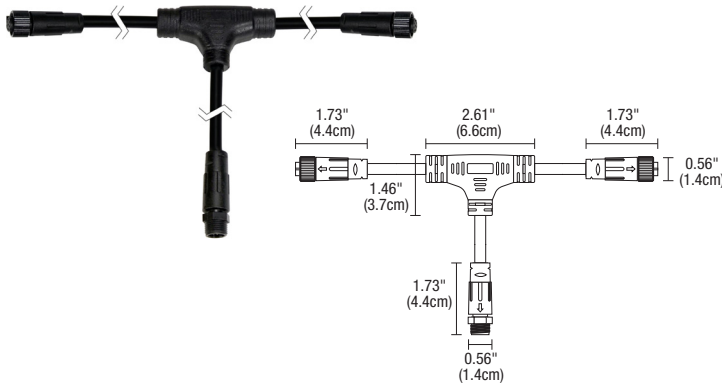
24VDC, WARM DIM



POWER CABLE CONNECTOR WET LOCATION

The flexible power cable connector is designed to work in outdoor environments for safe and reliable connections. This Flexible Connector is easy to install and configure, helping you create innovative lighting designs in an outdoor commercial or residential space.

Product	Type	Size	Conductor	Option
SS	CFX	16IN	2C	W
SS Soft Strip and Flex Neon	CFX Flexible Connector	16IN 16" 96IN 96"	2C 2 Conductor	W Wet Location



WET LOCATION T-CONNECTOR

Our Wet Location T-Connector is a robust rugged design especially suited to withstand the challenges of damp and wet environments. This unique T-Connector has one Male and two Female Connectors and is suitable for multiple indoor and outdoor uses. Versatile design is easy to use, making installation quick and efficient.

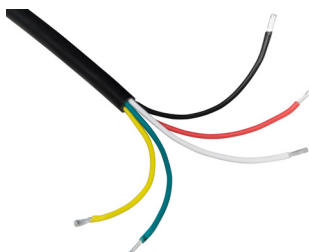
Product	Type	Size	Size	Option
SS	CFX	4IN	2YC	W
SS Soft Strip and Flex Neon	CFX Flexible Connector	4IN 4"	2YC Y-Shape 2 Conductor	W Wet Location



DIRECT BURIAL LOCATION CABLE ORDER PER FOOT

Our Direct Burial, 2 Conductor Plus ground, 14 Gauge Cable is a durable and adaptable cable suitable for transmitting power, control, and switching in outdoor wet and in ground environments. Keep within 60 ft between fixture and power supply. Cable sold by the foot, simply specify the length needed. Not compatible with Tunable White.

Product	Gauge	Cable
DB	14G	2C
DB Direct Burial	14G 14 Gauge	2C 2 Conductor



WET AND DAMP LOCATION CABLE ORDER PER FOOT

Our Wet Location, 5 Conductor, 14 Gauge Cable is a durable and adaptable cable suitable for transmitting power, control, and switching in indoor and outdoor wet and damp environments. Keep within 50 ft between fixture and power supply. Cable sold by the foot, simply specify the length needed. For use with Tunable White.

Product	Gauge	Cable
OC	14G	5C
OC Outdoor Cable	14G 14 Gauge	5C 5 Conductor

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SOFT STRIP U-STRAP

Soft Strip U-Strap Included 1 per foot with each order. May be ordered separately. Use U-Strap every 6"-12" for extra support (30 per package).

Product

Product

SS

-

SU

SS LED Soft Strip

SU U-Strap



SOFT STRIP TIE STRAP

Use for mounting to poles for extra support, every 6"-12" (30 per package).

Product

Type

SS

-

ST

SS LED Soft Strip

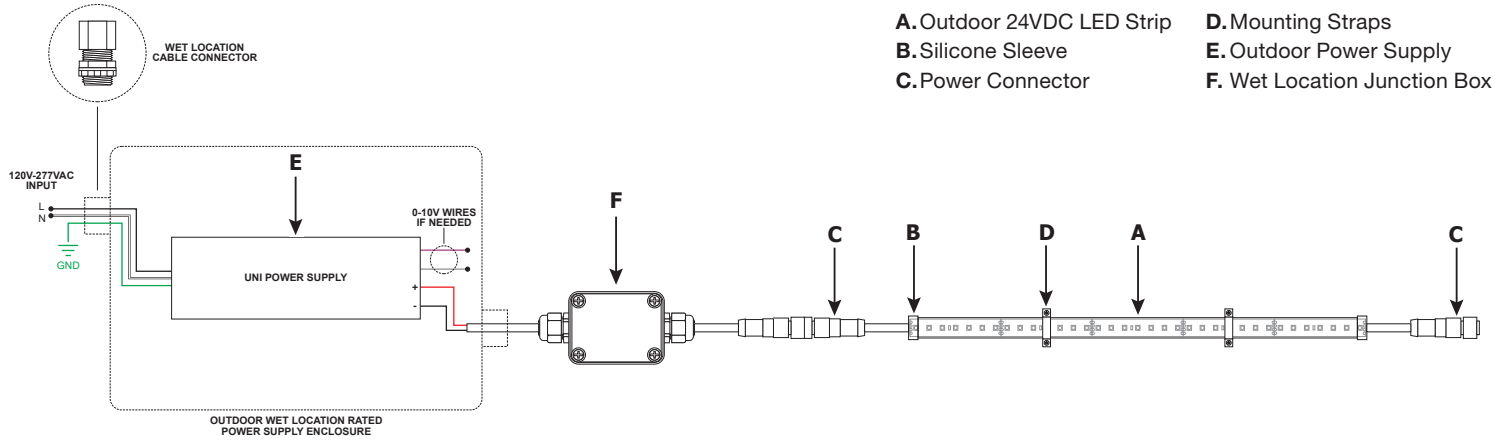
ST Tie Strap

PROJECT		FIXTURE TYPE		DATE	
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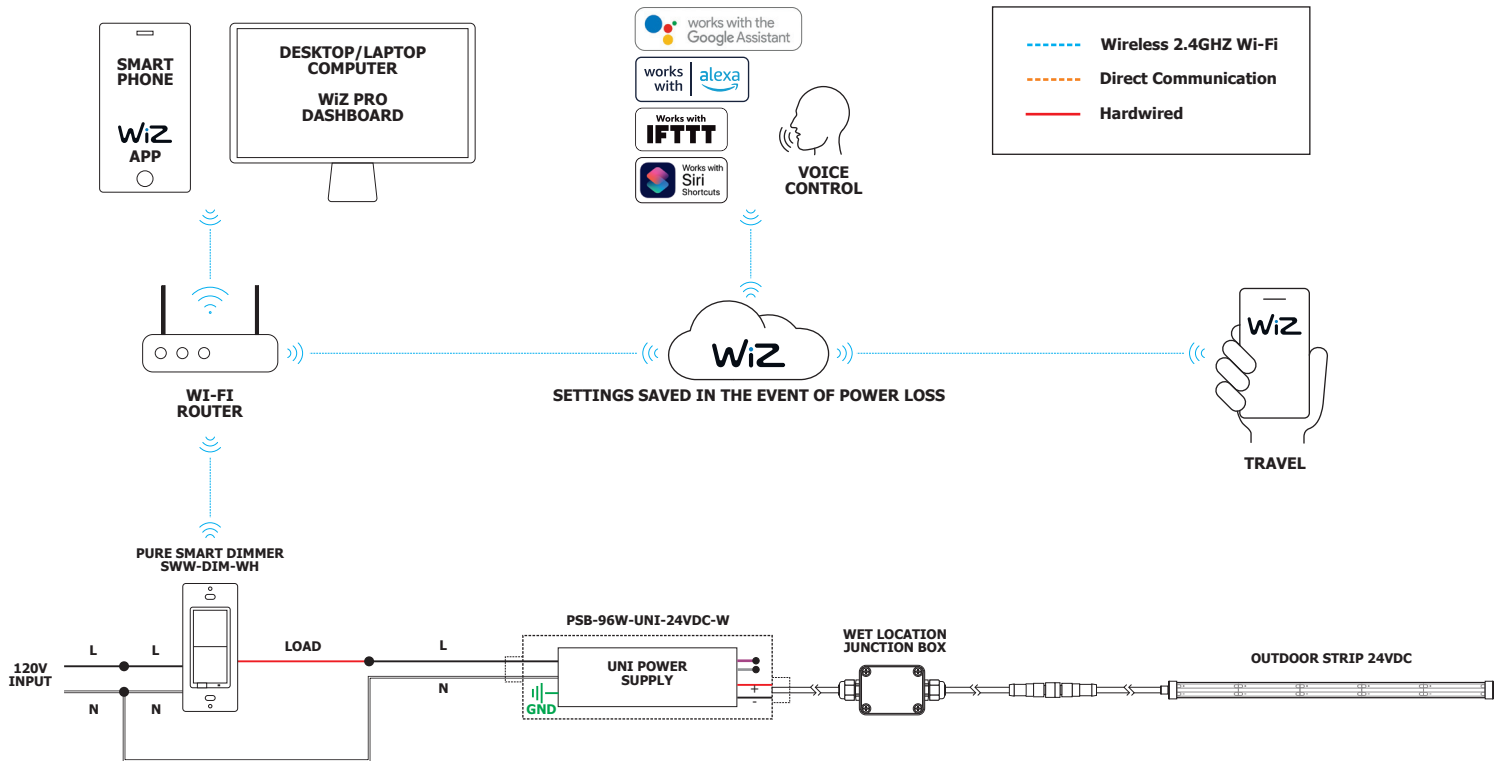
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TRADITIONAL WIRING WITH UNIVERSAL POWER SUPPLY



SMART DIMMING WITH UNIVERSAL POWER SUPPLY FOR LOAD UNDER 400 WATTS

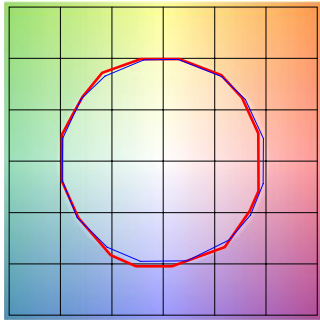


PROJECT		FIXTURE TYPE		DATE	
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TM30 DATA 24VDC, WARM DIM

TM-30-15 DATA: The data below is for bare LED Warm Dim Strip. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

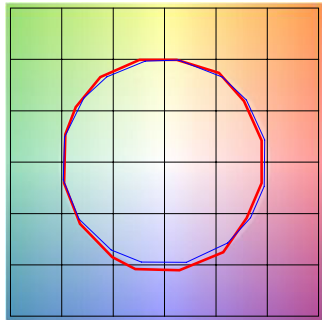
2700D | Rf: 90.7 | Rg: 101.1
Color Vector Graphic



■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	90.9	-4.1%	1.1%
2	91.8	-2.2%	3.2%
3	89.0	0.2%	5.0%
4	92.9	-1.1%	0.8%
5	93.9	1.1%	1.7%
6	93.3	3.3%	0.0%
7	93.1	-0.5%	-1.9%
8	97.2	-0.3%	-0.9%
9	93.4	-1.0%	3.2%
10	89.9	-0.1%	5.6%
11	87.0	4.7%	7.2%
12	89.2	5.8%	-0.2%
13	89.1	3.5%	-6.7%
14	86.3	4.1%	-9.2%
15	91.4	-2.0%	-3.6%
16	84.7	-2.1%	-10.3%

3000D | Rf: 90.6 | Rg: 101.1
Color Vector Graphic



■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	91.5	-3.5%	1.3%
2	92.2	-1.8%	3.0%
3	89.3	0.5%	4.8%
4	92.7	-1.1%	0.6%
5	93.3	0.5%	1.4%
6	93.8	2.7%	-0.8%
7	91.2	-2.1%	-0.2%
8	97.0	-0.5%	-0.7%
9	92.5	-0.7%	3.8%
10	88.3	0.9%	7.1%
11	87.5	3.9%	7.6%
12	88.2	6.2%	-0.2%
13	89.9	3.4%	-6.0%
14	86.9	4.4%	-8.5%
15	91.9	-1.9%	-2.9%
16	84.7	-1.3%	-10.6%