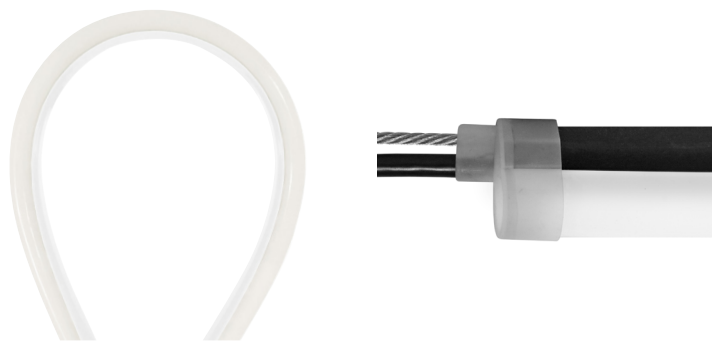


SABER SUSPENSION, 0.8" ROUND

24VDC, 5W | 6W OUTDOOR/WET LOCATION, RGB & RGBW



DESCRIPTION

Visually stimulating and housed within an unconventional silicone lens, PureEdge's Flexible Saber Line is Tension hung offering flexible installation and conceptual yet functional design. The SCS8 bends Up and Down giving it the unique ability to traverse open spaces wall to wall, wall to ceiling, or floor to ceiling. The 0.75" wide round lens, offers superior color quality and performance while creating uniform illumination without pixelation. Offered in RGB (Red, Green and Blue), RGB+W (Red, Green and Blue, Plus White). Saber is an IP67 rated wet location system featuring watertight barrel connections. System includes a pair of turnbuckles and aircraft cable. 5 year pro-rated warranty. Patent Pending. For custom designs and quotes, email our design team: design@PureEdgeLighting.com.

SPECIFICATIONS

DIMENSIONS	1.12" Height 0.66" (top) 0.75" (bottom) Width
INPUT	24VDC with 5" leads
POWER SUPPLIES	Remote 24VDC power supply required
POWER CONSUMPTION	RGB 5W per foot, RGBW 6W per foot
INCREMENTS	1'
MAX LENGTH	5W RGB - 20' or 40' with power feeds at both ends 6W RGBW - 12' or 24' with power feeds at both ends
MATERIAL	UV Resistant PVC
OPERATING TEMPERATURE	-40° F (-40° C) to 122° F (+50° C)
AVERAGE LED LIFE	50,000 hrs
WARRANTY	5 Year pro-rated
COMPLIANCE	Outdoor Wet Location with Water Tight Barrel Connectors IP67 Rated, ETL listed

CONTROLLER FOR RGB & RGB+W (SOLD SEPARATELY)

- **CDMX1-RGBW** - Single zone DMX touch controller
- **CTP** - Multiple zone DMX touch controller

LUMEN PERFORMANCE

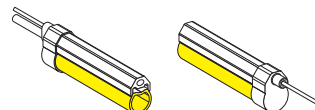
at 3000K 6W per foot

LUMEN OUTPUT	557 lm/ft
EFFICIENCY	76 lm/watt
CRI	92
R9	73
BEAM ANGLE	160°
BEAM TOLERANCE	+/- 30CCT

REMOTE POWER SUPPLIES*, DIMMERS & CONTROLS (SOLD SEPARATELY)

- [DMX Dynamic Color Changing](#) & [Controllers](#)

Wet Location End Cap with Aircraft Cable



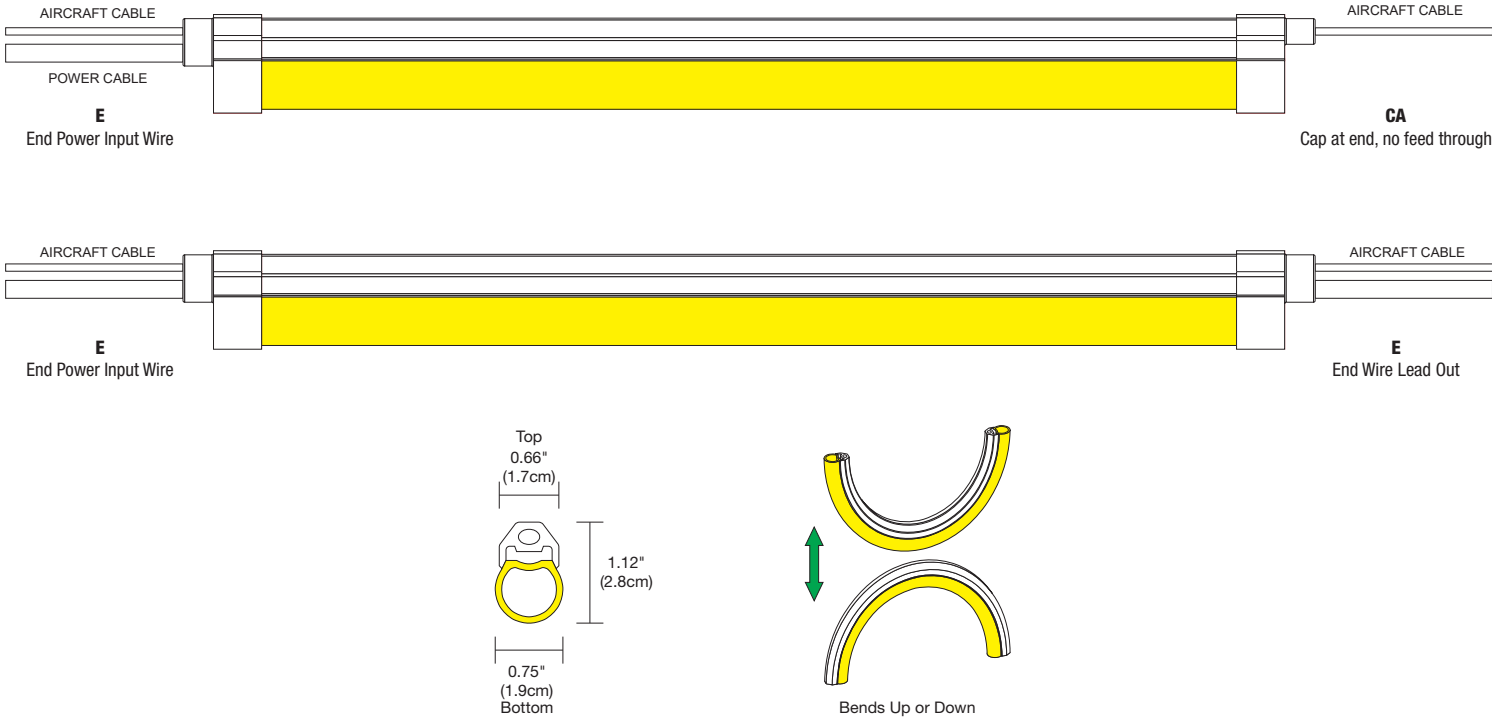
System	Viewing Angle Model Shape	Wattage	Length in Feet	Color Temperature	5" Input Wire Feed	Output Wire	Environment
FN	SCS8	5W	20	RGB	E	CA	W
FN Flex Neon 24V	SCS8 Suspension Saber .8" bends up/down. Includes suspension aircraft cable and turnbuckle. Order power supply and canopy separately.	5W 5 watts per foot (RGB) 6W 6 watts per foot (RGB+W)	5W - Up to 20' with power feed at one end (RGB) 6W - Up to 13' with power feed at one end (RGB+W) *Lengths surpassing 26' may have a slight sag up to 1"	RGB Red, Green, and Blue RGB20K Red, Green, Blue + White 2000K (6 Watt Only) RGB27K Red, Green, Blue + White 2700K Special Order RGB30K Red, Green, Blue + White 3000K Special Order RGB40K Red, Green, Blue + White 4000K Special Order	E End Power Input Wire	CA Cap at end, no feed through	W Outdoor wet location Barrel Connector cable leads
System	Viewing Angle Model Shape	Wattage	Length in Feet	Color Temperature	5" Input Wire Feed	Output Wire	Environment
FN	SCS8	5W	26	RGB	E	E	W
FN Flex Neon 24V	SCS8 Suspension Saber .8" bends up/down. Includes suspension aircraft cable and turnbuckle. Order power supply and canopy separately.	5W 5 watts per foot (RGB) 6W 6 watts per foot (RGB+W)	5W - 21-40' with power feed at both ends (RGB) 6W - 13-26' with power feed at one end (RGB+W) *Lengths surpassing 26' may have a slight sag up to 1"	RGB Red, Green, and Blue RGB20K Red, Green, Blue + White 2000K (6 Watt Only) RGB27K Red, Green, Blue + White 2700K Special Order RGB30K Red, Green, Blue + White 3000K Special Order RGB40K Red, Green, Blue + White 4000K Special Order	E End Power Input Wire	E End Wire Lead Out	W Outdoor wet location Barrel Connector cable leads

PROJECT		FIXTURE TYPE		DATE	
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SABER SUSPENSION, 0.8" ROUND

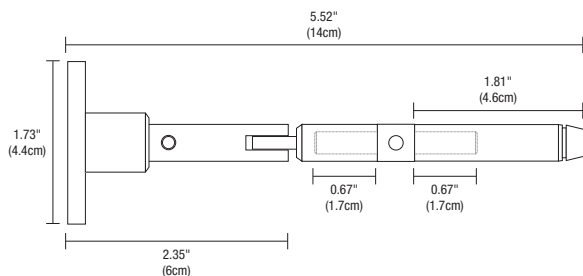
24VDC, 5W | 6W OUTDOOR/WET LOCATION, RGB & RGBW

Drawings: Saber Line SCS8



LENGTH CHART Actual lengths for Saber Line SCS8

LENGTH CHART							
Ordering Code (Nominal Size)	Actual Length (Inches)	Ordering Code (Nominal Size)	Actual Length (Inches)	Ordering Code (Nominal Size)	Actual Length (Inches)	Ordering Code (Nominal Size)	Actual Length (Inches)
1	12.75	11	132.75	21	252.75	31	372.75
2	24.75	12	144.75	22	264.75	32	384.75
3	36.75	13	156.75	23	276.75	33	396.75
4	48.75	14	168.75	24	288.75	34	408.75
5	60.75	15	180.75	25	300.75	35	420.75
6	72.75	16	192.75	26	312.75	36	432.75
7	84.75	17	204.75	27	324.75	37	444.75
8	96.75	18	216.75	28	336.75	38	456.75
9	108.75	19	228.75	29	348.75	39	468.75
10	120.75	20	240.75	30	360.75	40	480.75



PAIR OF TURNBUCKLES AND AIRCRAFT CABLE (INCLUDED)

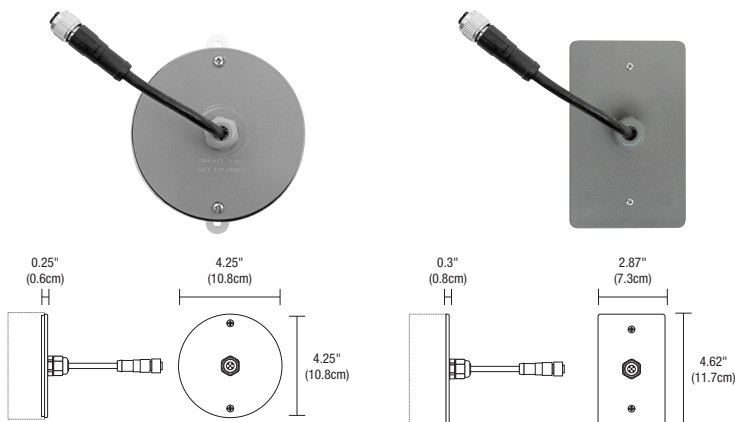
The Slim-Profile Turnbuckles hold the tension of the air craft cable running through the silicone Saber tube with LED strip. 6' stainless steel aircraft cable included.

Product	Finish
SABT	SA
SABT Saber Line Turnbuckle	SA Satin Aluminum



AIRCRAFT CABLE (INCLUDED WITH AN EXTRA 6')

Product	Type	Length
ACBL	SAB	50FT
ACBL Aircraft Cable for Saber	SAB Saber	10' to 100' lengths



CANOPY (ORDER SEPARATELY)

Outdoor canopy with 8ft outdoor barrel connector power feed, may be cut on job site.

System	Type	Canopy	Finish
OC8P	CFX	RD	ZN
OC8P Outdoor Canopy with 8' outdoor Power cable	CFX Flexible 4 Wire Cable with Barrel Connector for Static White and Tunable LEDs	RD Round Cover, 1 gauge 4.125" RE Rectangle Cover, 1 gauge 2.8" x 4.5"	ZN Zinc

DIRECT BURIAL LOCATION CABLE ORDER PER FOOT

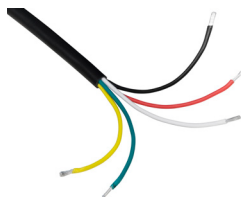
Our Direct Burial, 2 Conductor Plus ground, 12 Gauge Cable is a durable and adaptable cable suitable for transmitting power, control, and switching in outdoor wet and in ground environments. Keep within 60 ft between fixture and power supply. Cable sold by the foot, simply specify the length needed by the foot.



Product	Gauge	Cable
DB	12G	2C
DB Direct Burial	12G 12 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. Cable sold by the foot, simply specify the length needed by the foot. Keep within 50 ft between fixture and power supply. Cable sold by the foot, simply specify the length needed by the foot.



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

PROJECT		FIXTURE TYPE		DATE	
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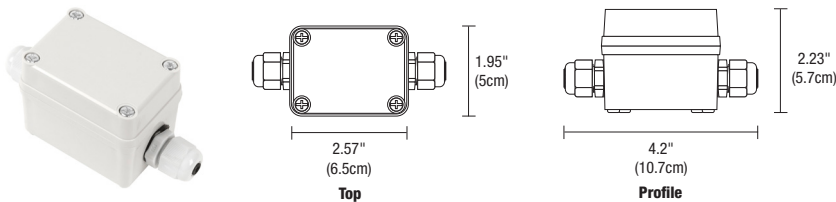


FLEX NEON ACCESSORIES AND J-BOXES

24VDC, 5W | 6W OUTDOOR/WET LOCATION, RGB & RGBW

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

RGB OR RGBW 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.



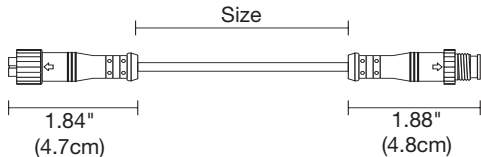
Product	Canopy	Product	Size	Type	Option
SS	2RE	JBOX	6IN	RGBW	W
SS LED Soft Strip Flex Neon	2RE 2" Rectangle	JBOX Junction Box	6IN 6" Four Wire Connection	RGB RGB RGBW RGBW	W Wet Location

RGB OR RGBW 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.

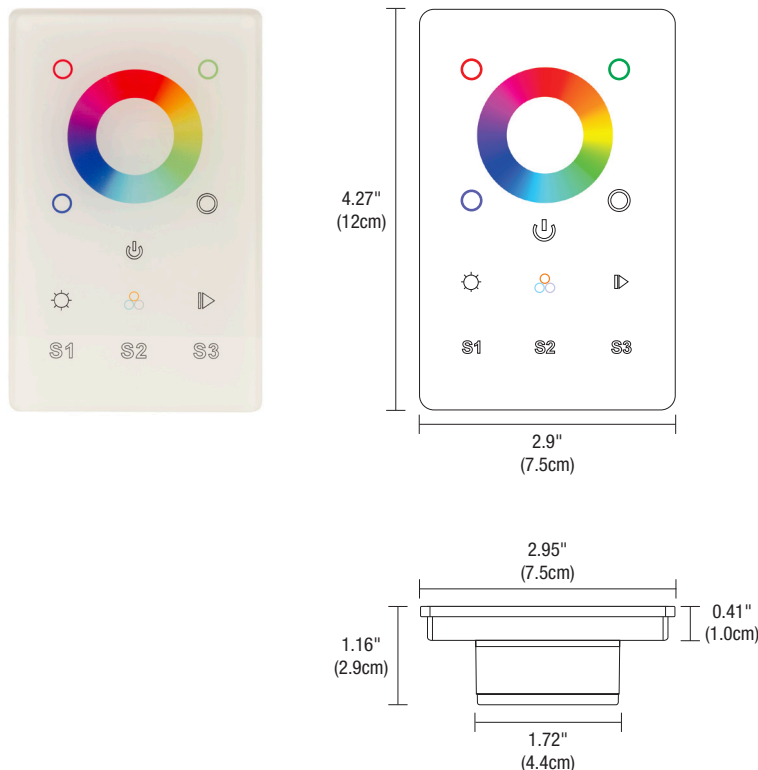


Product	Type	Size	Type	Option
SS	CFX	12IN	RGBW	W
SS Soft Strip and Flex Neon	CFX Flexible 4 Wire Connector	12IN 12" 96IN 96"	RGBW Red, Green, Blue and White	W Wet Location



PROJECT		FIXTURE TYPE		DATE	
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RECOMMENDED CONTROLLERS



DESCRIPTION

Full touch controller offers fast and accurate color tone adjustment and independent brightness control. The 1 zone controller can adjust RGB and RGBW LEDs smoothly and accurately. Independent smooth dimming of each channel enables the controller to achieve millions of colors. For indoor applications only, and includes a Power Adapter to operate the controller.

APPLICATIONS

Indoor

INSTALLATION

Fits in a single gang 2.5" deep junction box, not to be used with a multi gang box

POWER INPUT

120-277VAC

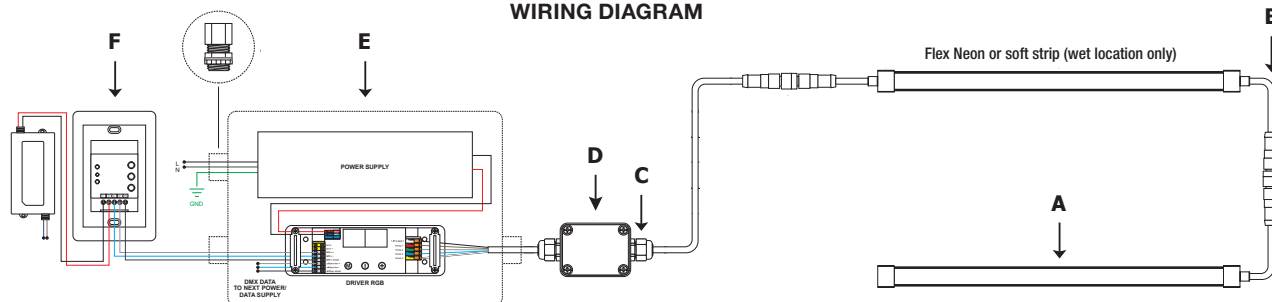
OUTPUT SIGNAL

USITT DMX 512 (1990)

Product	Type	Finish
CDMX1	RGBW	WH
CDMX1 DMX 1 Zone Touch Controller	RGBW Red, Green, Blue and White	WH White

REQUIRED COMPONENTS SOLD SEPARATELY

WIRING DIAGRAM



A. OUTDOOR 24VDC FIXTURE OR FLEX NEON

Wet location LED Flex Neon or soft strip. Please refer to fixture ordering code for incremental lengths, Flex Neon and soft strip are not field cuttable or submersible.

B. RGB & RGBW POWER CABLE CONNECTOR

The flexible power cable connector is designed to work in outdoor environments for safe and reliable connections.

C. POWER CONNECTOR

Sold Separately for Flex Neon and wet location soft strip.

*Included with Wet Location LED Soft Strips - comes connected to each end of the LED Soft Strip sealed in water-resistant silicone.

D. OUTDOOR CONNECTION BOX

Wet-rated low voltage Splice Box with connectors.

E. OUTDOOR RATED POWER SUPPLY WITH DMX DRIVER

Outdoor-rated Power Supplies are required for use with Outdoor LED Soft Strip and fixtures.

F. DMX CONTROLLER

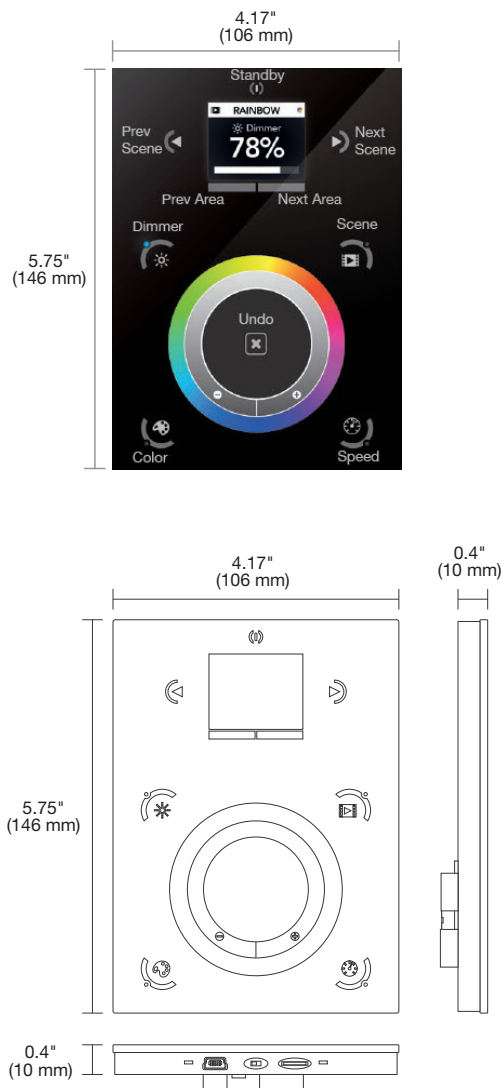
Indoor Only. Sold Separately. See page 2.

PROJECT	FIXTURE TYPE	DATE
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RGB/RGBW WET LOCATION POWER SUPPLIES & CONTROLS

WITH DMX FOR CIRRUS, FLEX NEON AND SOFT STRIP

REV 04.22.21



DESCRIPTION:

Full touch controller offers fast and accurate color tone adjustment and independent brightness control. The 10 zone controller can adjust RGB and RGBW LEDs smoothly and accurately. Independent smooth dimming of each channel enables the controller to achieve millions of colors. For indoor applications only, and includes a Power Adapter to operate the controller.

FEATURES AND BENEFITS:

- Sleek glass design which sits 11mm from the wall
- Graphical color display to show selected environment
- Color/dimmer/speed palette
- Color temperature mixing
- Touch sensitive buttons. No mechanical parts
- Touch sensitive wheel allows for accurate color selection
- Multi-zone microSD memory
- Multi-room control with 500 scenes, 10 zones
- 1024 DMX channels. Control 340 RGB fixtures
- USB & Ethernet connectivity for programming and control
- RS232, Dry Contact Ports and an Infra Red input port
- Clock and calendar with Sunrise/Sunset triggering
- Network communication. Control lighting remotely
- Catalog of designs including black and white glass
- OEM customization of the color palette and logo
- Windows/Mac software to set colors/effects
- iPhone/iPad/Android remote and programming apps

APPLICATIONS:

Indoor

POWER ADAPTER:

9VDC 0.65A (included)

POWER INPUT:

7VDC 0.6A

OUTPUT SIGNAL:

DMX512 1,024 channels total

INPUT SIGNAL:

Universal IR receiver (Sold Separately), RS232, Contact Closure, Live Computer Link, DMX512, WiFi

CONNECTIONS:

USB, Ethernet, RS232, Clock, 8 dry contact ports, open drain output

MEMORY:

microSD (32GB Max)

COMPUTER AND MOBILE DEVICE REQUIREMENTS:

IPHONE/IPAD/ANDROID:

The controller may be used with any of the following apps: DMX Lightpad 3, Easy Remote and Arcolis may be downloaded from App Store or Google Play.

ESA PRO SOFTWARE (WINDOWS ONLY, TIMELINE AND MULTI-ZONE):

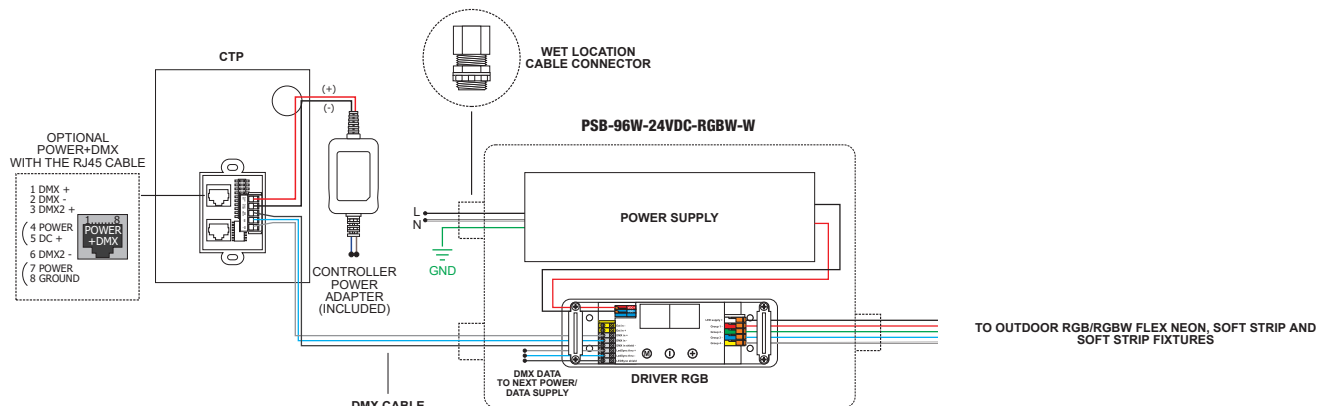
Windows ME, XP, Vista, 7 or 8 (32 bits and US 2.0, computer connection required for initial setup only.)

ESA2 SOFTWARE (WINDOWS/MAC, SINGLE ZONE):

Windows ME, XP, Vista, 7 or 8
Mac OS X 10.7 (Lion), 10.8 (Mountain Lion), 10.9 (Mavericks), 10.10 (Yosemite)

Product	Finish
CTP	BK
CTP Color Touch Screen Controller with Power Adapter	BK Black WH White

WIRING DIAGRAM FOR OUTDOOR RGB/RGBW FLEX NEON, SOFT STRIP, AND SOFT STRIP FIXTURES



PROJECT	FIXTURE TYPE	DATE
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