



CIRRUS CEILING WALL GRAZER WET LOCATION

REMOTE POWER, TUNABLE WHITE

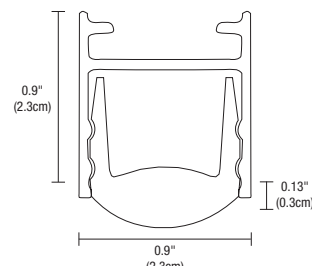


DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 08.03.21



CIRRUS WALL GRAZER



CIRRUS WALL GRAZER LENS

DESCRIPTION

Our Outdoor/Wet Location Cirrus Ceiling Wall Grazer with Tunable White is precision-engineered to illuminate vertical surfaces from above. Available with a 10° or 20° beam spread in 5 or 7 watts per foot with designer-grade 95+ CRI LEDs, rendering colors and textures in their truest forms. Tunable White 2000K-6500K (**2K6K**) or 2700K-6500K (**27K6**) grants independent control and adjustment of color temperature and intensity from 2000K (Sunset) through 6500K (Day Light White). Use with two 0-10V dimmers or, our proprietary Tunable White Controller (**CDMX-1**) for fast and accurate adjustment with three pre-set scenes (Ordered separately). Support health, performance, and overall well-being using Human-Centric lighting by fine-tuning the emotional effects that light has on the circadian cycle. Mounted 0-4" from the wall, and offered with a Split Canopy that mounts on Standard Junction Box or with a Slim Profile Channel Junction Box (C-1RE-JBOX) with no visible canopy on the ceiling becoming one with the architecture of a space. Powered by Class 2, 24VDC remote power supplies that can be located up to 40' away. Ordered in various increments, from 12"-120". For lengths greater than 120" or making 90 degree turns contact us for a custom quotation. *Remote Power Supplies are Required and Sold Separately. Fixtures include a 5 year pro-rated warranty. For custom designs and quotes, email our design team: design@PureEdgeLighting.com.

INSTALLATION

- Mounts to a Standard Junction Box, pre-wired from 120V/24VDC Remote Power Supply up to 100 Watts (sold separately) at maximum 40' away
- Includes Ceiling Lock Clips (to support for every 4')
- May be recessed in Ceiling, Perimeter, and Cove
- Power Supply sold separately

MOUNTING OPTIONS

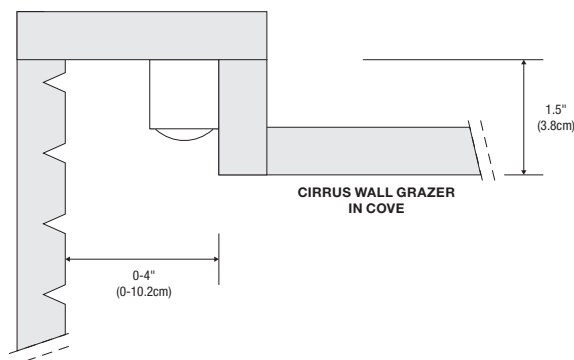
- 1R - 1" Rectangular canopy
- 4S - 4.6" Square Canopy
- BC1 - One 6" wire lead & barrel connector at the end of the fixture
- BC2 - Two 6" wire leads & barrel connector at Both ends of the fixture

FINISH



System	Lens	Wattage Per Foot	Canopy	Nominal Size	Color Temperature	Finish	Options
CCWG	C	7W	BC1	120	27K6	SA	W
CCWG Cirrus Ceiling Wall Grazer	C 10° Clear Lens F 20° Frosted Lens	5W 4.4 Watts 7W 7.4 Watts	1R 1" Rectangle Canopy 4S 4.6" Square Split Canopy BC1 One 6" wire lead & barrel connector at end fixture BC2 Two 6" wire leads & barrel connector at both ends of fixture	12-120 Order in various increments from 12" to 120"	2K6K Tunable White 2000K-6500K 27K6 Tunable White 2700K-6500K	BK Satin Black BZ Antique Bronze SA Satin Aluminum WH White	W Wet Location

See length chart for exact dimensions



PROJECT	FIXTURE TYPE	DATE
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CIRRUS CEILING WALL GRAZER WET LOCATION

REMOTE POWER, TUNABLE WHITE

LAMP DATA Lamp Data for Cirrus Wall Grazer

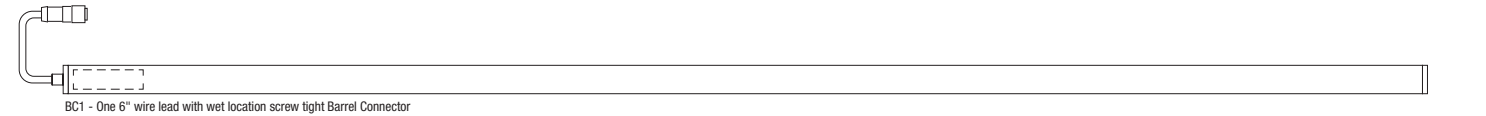
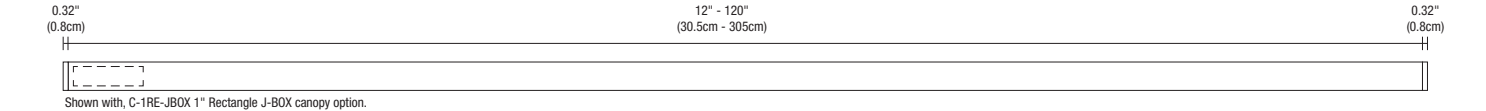
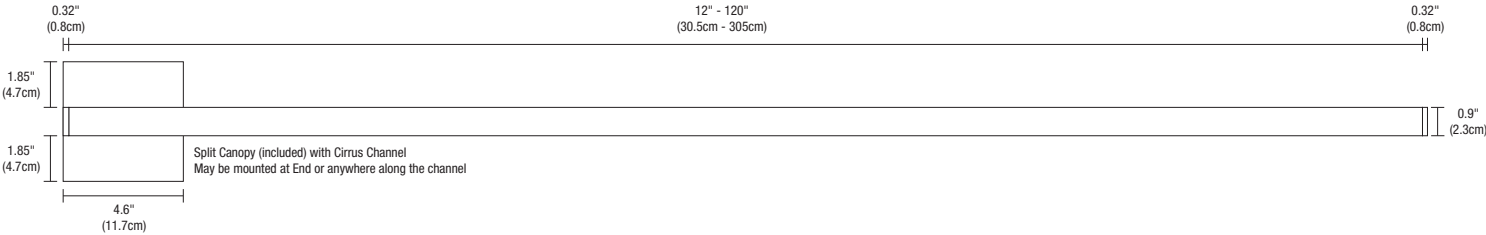
CCWG																	
DESCRIPTION	10° CLEAR LENS																
WATTS PER FOOT	2K6K 5w (4.4 watts)									27K6 5w (4.4 watts)							
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	297	312	328	372	382	394	405	390	385	373	372	382	394	405	390	385	373
LUMENS PER WATT (lm/w)	74	68	71	93	96	96	94	95	96	95	93	96	96	94	95	96	95
CRI	83+	83+	92+	93+	93+	94+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+

CCWG																	
DESCRIPTION	10° CLEAR LENS																
WATTS PER FOOT	2K6K 7w (7.4 watts)									27K6 7w (7.4 watts)							
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	404	445	486	551	566	583	600	577	571	552	550	566	483	600	577	570	552
LUMENS PER WATT (lm/w)	55	60	66	74	81	79	81	78	77	75	74	76	65	81	78	77	75
CRI	83+	83+	92+	93+	93+	94+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+

CCWG																	
DESCRIPTION	20° FROSTED LENS																
WATTS PER FOOT	2K6K 5w (4.4 watts)									27K6 5w (4.4 watts)							
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	297	312	328	372	382	394	405	390	385	373	372	382	394	405	390	385	373
LUMENS PER WATT (lm/w)	74	68	71	93	96	96	94	95	96	95	93	96	96	94	95	96	95
CRI	83+	83+	92+	93+	93+	94+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+

CCWG																	
DESCRIPTION	20° FROSTED LENS																
WATTS PER FOOT	2K6K 7w (7.4 watts)									27K6 7w (7.4 watts)							
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	404	445	486	551	566	583	600	577	571	552	550	566	483	600	577	570	552
LUMENS PER WATT (lm/w)	55	60	66	74	81	79	81	78	77	75	74	76	65	81	78	77	75
CRI	83+	83+	92+	93+	93+	94+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+

DRAWINGS Canopy & Channel drawings for the Cirrus Ceiling Grazer



PROJECT	FIXTURE TYPE	DATE
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CIRRUS CEILING WALL GRAZER WET LOCATION
REMOTE POWER, TUNABLE WHITE



REV 08.03.21

Length Chart: Actual lengths for Cirrus Ceiling Wall Grazer

TUNABLE WHITE							
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)
12	13.1	68	68.3	128	128.4	183	183.8
15	15.5	70	70.7	130	130.8	185	186.2
17	17.9	72	73.1	132	133.2	188	188.6
20	20.3	75	75.5	135	135.6	190	191.0
22	22.7	77	77.9	137	138.0	192	193.4
24	25.1	80	80.3	140	140.4	195	195.8
27	27.5	82	82.7	142	142.8	197	198.2
29	29.9	84	85.1	144	145.2	200	200.6
32	32.3	87	87.5	147	147.8	202	203.0
34	34.7	89	89.9	149	150.2	204	205.4
36	37.1	92	92.3	152	152.6	207	207.8
39	39.5	94	94.7	154	155.0	209	210.2
41	41.9	96	97.1	156	157.4	212	212.6
44	44.3	99	99.5	159	159.8	214	215.0
46	46.7	101	101.9	161	162.2	216	217.4
48	49.1	104	104.3	164	164.6	219	219.8
51	51.5	106	106.7	166	167.0	221	222.2
53	53.9	108	109.1	168	169.4	224	224.6
56	56.3	111	111.5	171	171.8	226	227.0
58	58.7	113	113.9	173	174.2	228	229.4
60	61.1	116	116.3	176	176.6	231	231.8
63	63.5	118	118.7	178	179.0	233	234.2
65	65.9	120	121.1	180	181.4	236	236.6

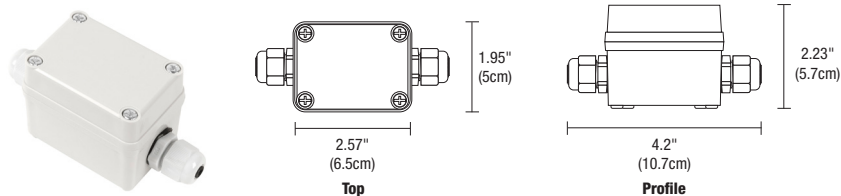
PROJECT		FIXTURE TYPE		DATE	
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CIRRUS CEILING WALL GRAZER WET LOCATION

REMOTE POWER, TUNABLE WHITE

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

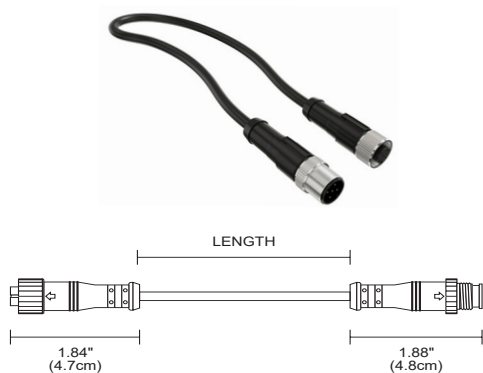
This watertight, multi-fixture Junction Box is especially designed for lighting in wet and damp locations. It is versatile, rugged and simple to install. The Junction Box comes standard with a 6" Flexible Cable providing easy, safe, and reliable connections for 24V low voltage luminaires. This box is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



Product	Canopy	Product	Type	Size	Option
SS	2RE	JBOX	CFX	6IN	W
SS LED Soft Strip	2RE 2" Rectangle	JBOX Junction Box	CFX Power/Jumper Cable	6IN 6"	W Wet Location

WET LOCATION POWER/JUMPER CABLE

This Flexible Connector is designed to work with all of our LED Strips and Channels in outdoor damp and wet environments. Comes with one Male and one Female Connector for joining fixtures together. The Flexible Barrel Connectors are easy to install and configure, helping you create innovative lighting designs in outdoor commercial or residential space. Length 12" or 96".



Product	Type	Size	Option
SS	CFX	12IN	W
SS LED Soft Strip	CFX Flexible Connector	12IN 12" 96IN 96"	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, Landscape Patios, Outdoor Kitchens, and Bars, etc. Versatile easy to use design, simple and efficient installation.



Product	Type	Option
SS	TC	W
SS LED Soft Strip	TC T-Connector	W Wet Location

PROJECT		FIXTURE TYPE		DATE	
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DB-12G-2C

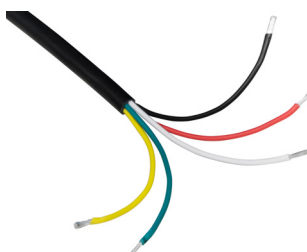


DIRECT BURIAL LOCATION CABLE ORDER PER FOOT

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

OC-14G-5C



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.

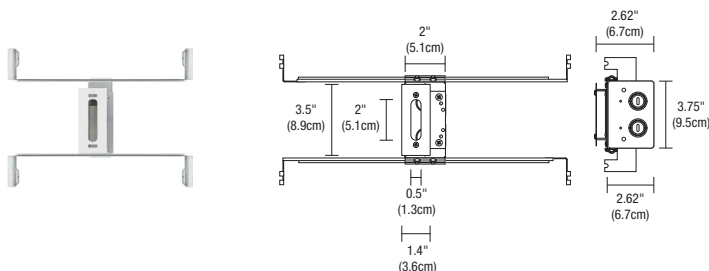
Product	Gauge	Cable
OC	14G	5C
OC Outdoor Cable	14G 14 Gauge	5C 5 Conductor

COMPONENTS J-box, Split Canopies, & Mounting Clips are included and sold separately for replacement

1" RECTANGLE CANOPY & J-BOX

(INCLUDED WITH 1R SELECTED IN FIXTURE ORDERING CODE)

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.

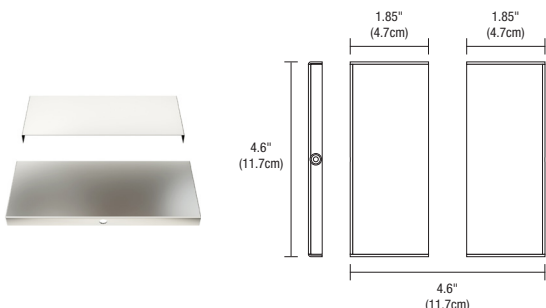


System	Canopy	Product
C	1RE	JBOX
C Channel	1RE 1" Rectangle	JBOX Junction Box

4" SQUARE SPLIT CANOPY

(INCLUDED WITH 4S SELECTED IN FIXTURE ORDERING CODE)

The 4" Square Canopy fits on a standard 4" electrical box with round plaster ring. It fits flush along channel while covering Junction Box. The Canopy may float anywhere along the channel and comes in six finishes.



System	Canopy	Finish
CC	4SQ	SN
CC Cirrus Ceiling	4SQ 4.6" Split Square	BK Satin Black BZ Antique Bronze CH Chrome SB Satin Brass SN Satin Nickel WH White

PROJECT	FIXTURE TYPE	DATE
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TUNABLE WHITE DMX WET LOCATION POWER SUPPLIES

24VDC OUTDOOR CONSTANT VOLTAGE



PSB-100W-24VDC-2XK-W



PSB-2X100W-24VDC-2XK-W

DESCRIPTION

Our Surface Mount, exterior-rated Tunable White supplies utilize drivers for powering 24VDC constant voltage products. These products are the ideal power supplies for all Color Changing, damp or wet LED lighting solutions. Our constant voltage LED Power Supplies for outdoor environments are designed to provide regulated voltage through the DMX driver to the LED module. Designed for outdoor Cirrus, Soft Strip and Flex Neon.

- Universal Input Voltage
- Ripple Free
- IP65 – For Both Indoor and Outdoor Use
- No Minimum Load Requirement
- Class 2, Class P
- Auto-Reset Protection for Short Circuit & Over-Temperature
- Over Load Protection – CC Mode

CONTROLS

- CDMX1-2XK - Single zone DMX touch controller
- CTP - Multiple zone DMX touch controller

POWER INPUT

Universal Input voltage ranging from 120 to 277VAC

DIMENSIONS

PSB-100W-24VDC-2XK-W

Length: 10"
Width: 7.1"
Height: 3.3"
Weight: 1.6lbs

PSB-2X100W-24VDC-2XK-W

Length: 11.8"
Width: 9.1"
Height: 3.4"
Weight: 2.26lbs

LABELS

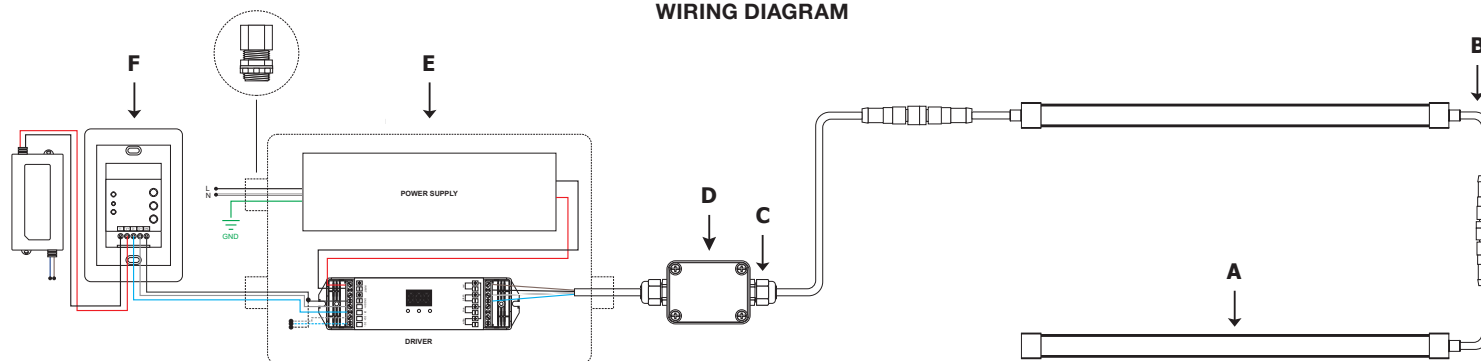
Assembled in America, Class P, Class 2, IP65, 120-277V, Dimmable, RoHS Compliant, 24VDC



Product	Wattage	Voltage	Type	Option
PSB	100W	24VDC	2XK	W
PSB Power Supply with Aluminum Enclosure	100W 100 Watts 2X100W 2x100 Watts	24VDC 24 Volts	2XK Tunable White	W Wet Location

REQUIRED COMPONENTS SOLD SEPARATELY

WIRING DIAGRAM



A. OUTDOOR 24VDC FIXTURE OR FLEX NEON

Wet location Cirrus, Flex Neon or Soft Strip. Please refer to fixture ordering code for incremental lengths. Cirrus, Flex Neon and Soft Strip are not field cuttable or submersible.

B. 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 Cirrus, 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 a Outdoor LED Soft Strip and fixtures.

F. CONTROLLER (SOLD SEPARATELY)

CDMX1-2XK or CTP

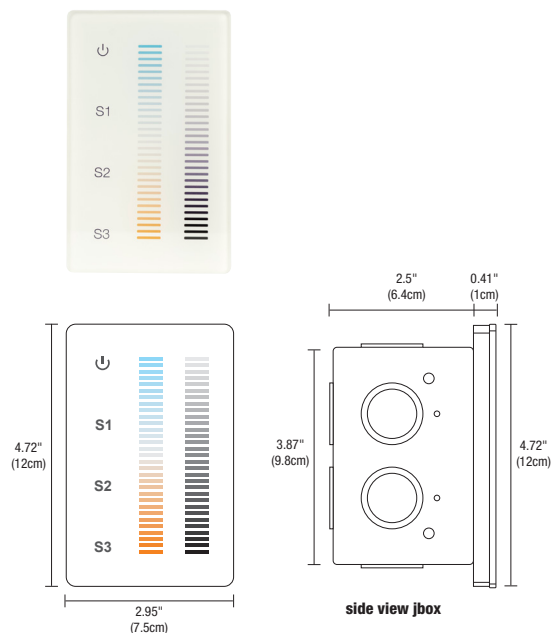
PROJECT	FIXTURE TYPE	DATE
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TUNABLE WHITE DMX WET LOCATION POWER SUPPLIES

24VDC OUTDOOR CONSTANT VOLTAGE

REV 08.03.21

RECOMMENDED CONTROLLERS



Controller **NOT** wet rated, install in dry location or use electrician supplied wet location rated cover.

DESCRIPTION:

The Tunable White Touch Controller offers fast and accurate Color Temperature adjustment and the ability to regulate the Brightness Independently. The modern Glass faceplate features illuminated indicators, and a back-lit night light that softly illuminates the controller when powered off. Designed for Tunable White, and dual-color LED installations within a single zone. The two Vertical Touch sliders are precise and sensitive, allowing you to fine-tune your perfect Color Temperature at any point between **2000K** (Sunset) to **6500K** (Daylight White) while selecting over **250 levels** of Brightness in a smooth, uninterrupted transition. Create Thousands of White Color Combinations while maintaining even Brightness and overall saturation. Easily save three pre-set scenes for different times of the day. Support health, performance, and general well-being using Human-Centric lighting by fine-tuning the biological effects that light has on the circadian cycle using the latest in LED technology. Includes a power adapter that fits behind the controller within a standard junction box and fits inside a standard single-gang receptacle (not for use in a multi-gang box). Use with an insulated, 24 AWG stranded, tinned copper wire (Belden #9841). Power Supplies are Sold Separately. Includes a 5 year pro-rated warranty.

APPLICATIONS:

Indoor

INSTALLATION:

Fits in a single gang 2.5" deep junction box.
Not compatible with multi-gang boxes.

POWER INPUT:

120-240VAC

OUTPUT SIGNAL:

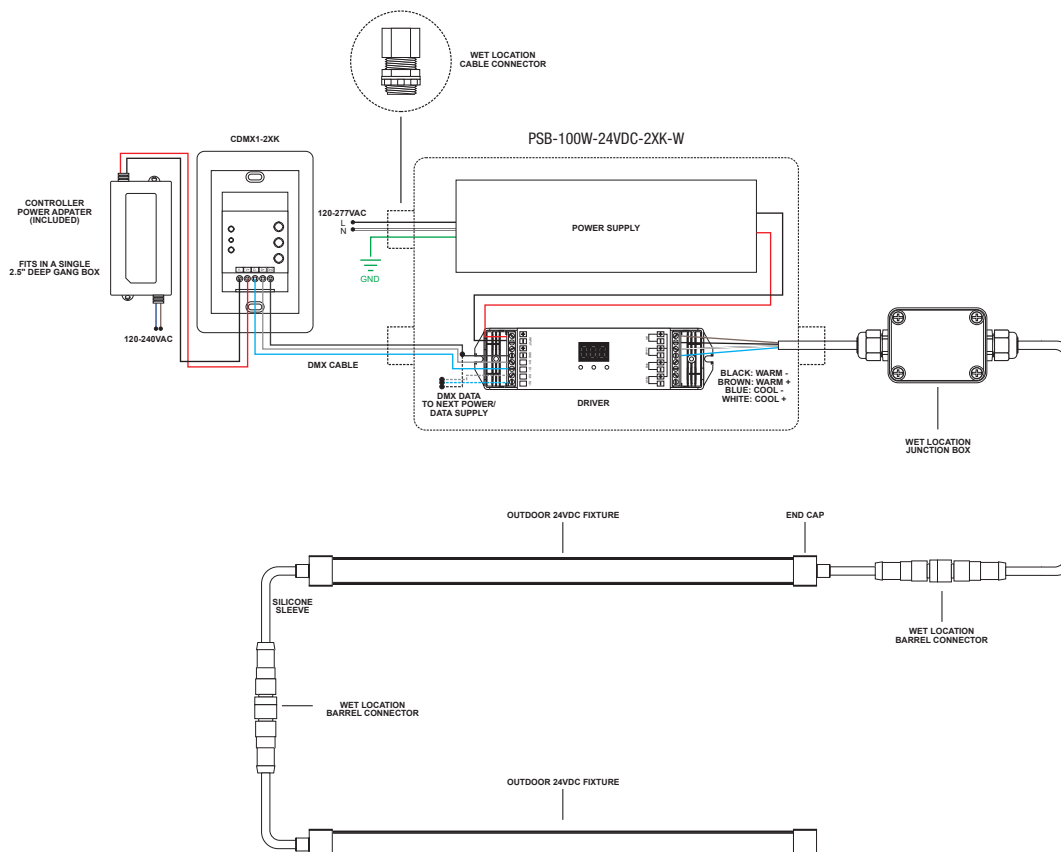
USITT DMX 512 (1990)

LABELS:

ROHS, FCC, Damp Location, ETL/UL

Product	Type	Finish
CDMX1	2XK	WH
CDMX1 DMX Single Zone Touch Controller	2XK 2 X Kelvin	WH White

RECOMMENDED CONTROLLERS: Tunable White Wiring with CDMX1-2XK

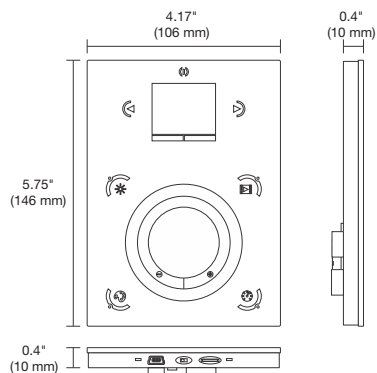
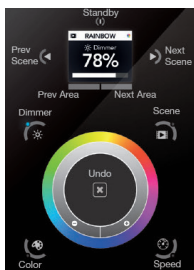


PROJECT	FIXTURE TYPE	DATE
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TUNABLE WHITE DMX WET LOCATION POWER SUPPLIES

24VDC OUTDOOR CONSTANT VOLTAGE

RECOMMENDED CONTROLLERS



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.

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.)

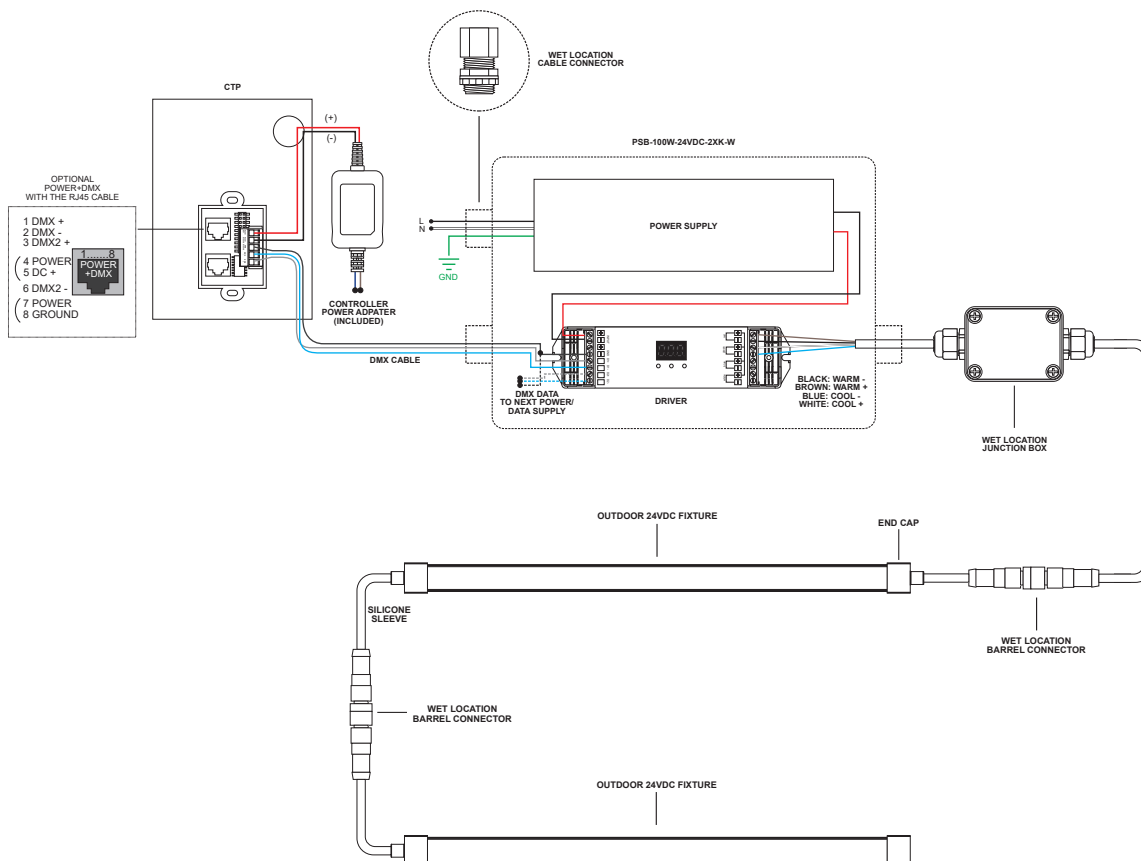
ESA2 SOFTWARE (WINDOWS/MAC, SINGLE ZONE):

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

Controller **NOT** wet rated, install in dry location or use electrician supplied wet location rated cover.

RECOMMENDED CONTROLLERS: Tunable White Wiring with CTP

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



PROJECT	FIXTURE TYPE	DATE
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WET LOCATION TUNABLE WHITE 0-10V 96 WATT LED POWER SUPPLY

24VDC OUTDOOR CONSTANT VOLTAGE, TWO CHANNEL CONTROLS, FOR INTENSITY AND COLOR TEMPERATURE



DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 08.03.21



PSB-96W-010-24VDC-2XK-W

DIMENSIONS

PSB-96W-010-24VDC-2XK-W

Length: 10"

Width: 7.1"

Height: 3.3"

Weight: 1.6lbs



PSB-2X96W-010-24VDC-2XK-W

DIMENSIONS

PSB-2X96W-010-24VDC-2XK-W

Length: 11.8"

Width: 9.1"

Height: 3.4"

Weight: 2.26lbs

DESCRIPTION

Accepts input voltage in a range of 120 - 277VAC and outputs 24VDC power up to 96 watts. The low voltage output dims down to 1% when two additional wires are connected to a 0-10V dimmer. The enclosure provides a space inside for electrical connections. Power Supply features short circuit, overload and over temperature protection.

APPLICATIONS

Outdoor Wet Location, IP66

MOUNTING

Surface mounted with conduit access

POWER INPUT

120-277VAC

POWER OUTPUT

Class 2; 24 volts DC 4A, 96 watts maximum

EFFICIENCY

85%

AMBIENT OPERATING TEMPERATURE

-25C to 40C

DIMMING

#1 Controls the intensity. #2 Controls the Color Temperature.

0-10V (dimmer needs to be capable to dim to 0% without ON/OFF switch)

DIMMING CURVE

Linear, Logarithmic 100% - 0% (HydraDrive)

COMPLIANCE

Made in the USA, UL, CE, Plenum for use in Accordance with UL 2043. JA8 compliant when used with Pure Edge Tunable White Products.

Product	Wattage	Dimming	Voltage	Color Temperature	Option
PSB	96W	010	24VDC	2XK	W
PSB Power Supply with Enclosure Box with Tunable White 0-10V Controller	96W 96 Watts 2X96W 2 x 96 Watts	010 0-10 Volt Dimming	24VDC 24 Volt DC	2XK Tunable White	W Wet Location

PROJECT		FIXTURE TYPE		DATE	
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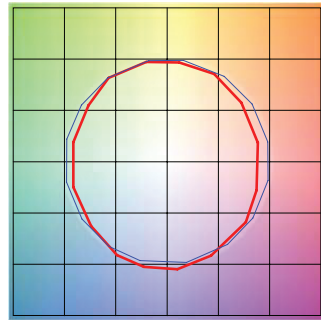
CEILING TM30 DATA

REMOTE POWER, TUNABLE WHITE

TM-30-15 DATA: The data below is for SS5C and SS7C bare LED Soft Strips. 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.

2200K | Rf: 83.9 | Rg: 94.9

Color Vector Graphic

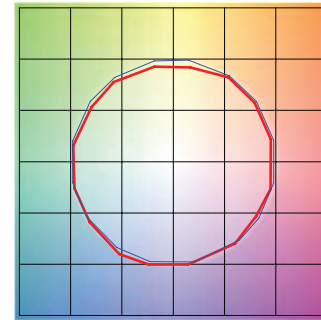


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	78.8	-9.5%	1.3%
2	80.7	-7.8%	6.7%
3	78.2	-3.3%	9.4%
4	89.7	-2.8%	3.6%
5	93.2	-0.8%	2.6%
6	93.0	-0.6%	-0.7%
7	87.7	-5.9%	-3.5%
8	89.2	-6.8%	1.9%
9	83.4	-5.6%	6.0%
10	79.3	-3.7%	10.8%
11	81.4	2.9%	11.1%
12	84.9	5.3%	4.9%
13	88.1	4.9%	-10.1%
14	68.1	0.1%	-19.5%
15	86.0	-3.3%	-7.3%
16	76.4	-8.9%	-11.7%

2400K | Rf: 91.2 | Rg: 96.8

Color Vector Graphic

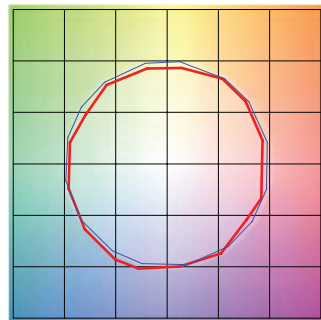


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	92.0	-2.4%	1.5%
2	94.7	-2.1%	0.0%
3	95.4	-1.9%	-0.1%
4	88.7	-6.7%	-3.1%
5	92.8	-5.6%	1.0%
6	92.7	-3.4%	3.4%
7	89.9	-4.3%	4.1%
8	92.4	-1.4%	4.4%
9	89.0	-0.6%	5.8%
10	88.9	0.4%	6.2%
11	89.7	4.0%	5.4%
12	92.6	3.0%	-0.7%
13	90.9	1.1%	-7.0%
14	89.9	0.5%	-5.8%
15	92.1	-3.2%	0.1%
16	88.9	-1.7%	-6.3%

2700K | Rf: 87.7 | Rg: 96.1

Color Vector Graphic

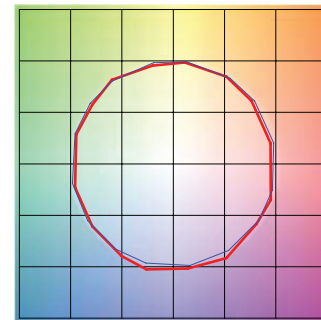


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	86.0	-4.3%	2.6%
2	91.6	-2.4%	2.0%
3	93.7	-1.4%	1.9%
4	88.9	-5.6%	-3.1%
5	92.3	-5.5%	-0.5%
6	92.9	-3.5%	0.1%
7	84.5	-7.5%	4.6%
8	90.8	-3.0%	4.4%
9	84.5	-1.3%	8.3%
10	83.9	2.0%	9.8%
11	87.2	5.3%	7.1%
12	89.2	5.4%	-2.6%
13	88.7	0.3%	-7.8%
14	86.8	1.7%	-9.3%
15	87.6	-5.4%	-1.3%
16	83.6	-3.3%	-9.5%

3000K | Rf: 88.1 | Rg: 99.7

Color Vector Graphic

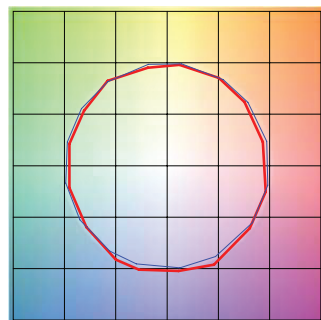


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	92.5	-3.1%	0.3%
2	93.3	-2.3%	1.9%
3	90.9	-0.8%	3.9%
4	94.3	-1.1%	1.4%
5	92.5	-2.6%	1.5%
6	96.4	1.2%	-0.3%
7	92.6	-2.5%	-0.0%
8	96.9	-1.4%	0.2%
9	92.3	-1.8%	4.3%
10	86.6	-0.7%	7.0%
11	86.5	2.4%	8.2%
12	89.8	5.9%	1.7%
13	93.9	2.6%	-2.7%
14	89.4	5.1%	-5.8%
15	90.1	-0.1%	-4.7%
16	86.5	0.3%	-9.7%

3500K | Rf: 86.1 | Rg: 95.5

Color Vector Graphic

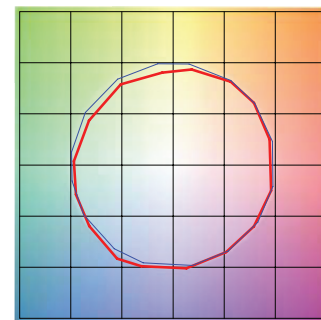


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.8	-3.8%	0.3%
2	92.3	-2.8%	2.1%
3	89.7	-1.0%	4.3%
4	92.6	-1.4%	1.7%
5	91.8	-3.1%	1.3%
6	96.2	0.8%	-0.4%
7	92.9	-3.2%	0.2%
8	94.3	-2.5%	1.5%
9	90.4	-2.5%	5.2%
10	84.3	-1.4%	9.5%
11	83.1	3.5%	9.8%
12	88.2	4.8%	3.4%
13	94.0	2.7%	-2.0%
14	88.7	5.9%	-5.8%
15	88.7	0.7%	-5.9%
16	86.8	-0.7%	-6.7%

4000K | Rf: 87.6 | Rg: 96.8

Color Vector Graphic



■ Test ■ Reference

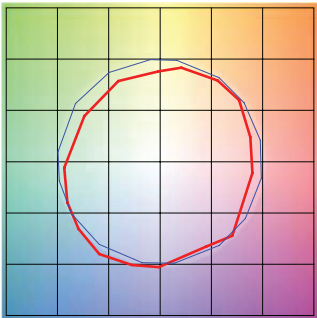
HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	88.9	-2.4%	2.5%
2	93.3	-0.4%	0.8%
3	94.8	-1.0%	-0.6%
4	87.9	-4.9%	-3.6%
5	85.3	-9.4%	-2.6%
6	90.2	-6.0%	0.2%
7	85.3	-7.6%	4.6%
8	83.7	-4.1%	8.2%
9	79.5	-1.1%	13.8%
10	78.6	1.5%	12.1%
11	83.5	6.4%	7.8%
12	90.9	3.6%	-1.1%
13	88.3	1.7%	-6.3%
14	91.9	-0.4%	-2.2%
15	84.5	-0.9%	-5.5%
16	84.7	-1.1%	-4.4%

PROJECT		FIXTURE TYPE		DATE	
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CEILING TM30 DATA
REMOTE POWER, TUNABLE WHITE

TM-30-15 DATA: The data below is for SS5C and SS7C bare LED Soft Strips. 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.

5700K | Rf: 80.3 | Rg: 91.5
Color Vector Graphic



Test Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	75.4	-8.9%	4.7%
2	87.5	-2.6%	4.6%
3	90.7	-3.0%	-0.5%
4	83.2	-6.0%	-5.7%
5	76.2	-12.9%	-5.3%
6	81.4	-11.9%	-2.6%
7	74.8	-14.0%	5.1%
8	69.0	-9.0%	14.1%
9	72.6	-3.6%	22.2%
10	71.4	2.7%	16.1%
11	81.3	7.9%	5.3%
12	83.6	4.1%	-9.4%
13	78.4	0.7%	-15.3%
14	77.7	-6.2%	-11.0%
15	68.8	-1.3%	-21.2%
16	80.8	-9.6%	3.3%