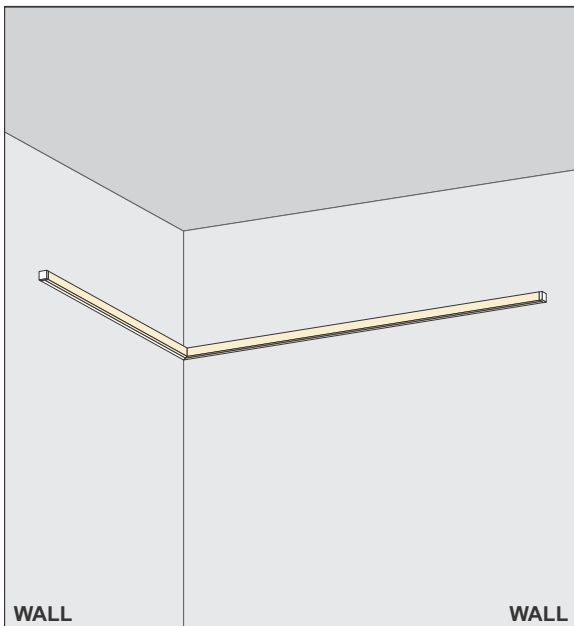


VERTICAL ROOM WRAPPING CONFIGURATION



HORIZONTAL ROOM WRAPPING CONFIGURATION

DESCRIPTION

Cirrus Ceiling/Wall S1 DIY (Do-It-Yourself) allows you to create more complex configurations using pre-formed components for simplifying the installation process. The versatile 24VDC linear LED system, creates glare-free line of architectural lighting. The system mounts to a wall or ceiling with mounting clips and small junction box provided. Cirrus Ceiling/Wall S1 Channel and Lens are sold in 4', 5', 8' and 10' increments and LED Soft Strip is sold in 1' increments up to 40' for 2.5 watt soft strip. Offered in a broad range of wattages and color temperatures from 2400K through 4000K in Static White, Warm Dim (**27D** or **30D**), Pro-Dim (**27PD** or **30PD**), Tunable White (**2K6K** or **27K6**), Dynamic **RGB**, **RGB+White** in 2000K (special order in 27K, 30K and 40K), and **TruColor™ RGBTW** Color Changing RGB with Tunable White **1500K-6500K**. Influenced by simplicity and elegance, the Cirrus Ceiling/Wall S1 DIY system brings together a modern and dynamic appearance to residential and commercial projects alike, offering unlimited creativity, and empowering you to design one-of-a-kind, personalized spaces every time. Let the drywall be your canvas. For custom designs and quotes, send drawings to design@PureEdgeLighting.com.

APPLICATIONS

Indoor damp or dry locations only. General illumination and architectural accent at top of ceiling for room wrapping or wall to ceiling for kitchens, offices, hospitality, retail, and residences.

LAMP

- Static White Color Temperatures ranging from **2400K-4000K**
- Warm Dim: **27D** (dims from 2700k-1800K) and **30D** (dims from 3000K-2000K) resembling incandescent and halogen light sources.
- Pro-Dim: **27KPD** (dims down to 1800K) and **30KPD** (dims down to 2000K), dims to off with Pro-Dim power supplies
- Tunable White: **2K6K** and **27K6** grants independent control for adjusting color temperature and intensity
- Dynamic RGB & RGB+White in 1500K (**RGB**, **RGB20K**) (special order in 27K, 30K & 40K)
- **TruColor™ RGBTW** Dynamic RGB with Tunable White 1500K-6500K
- Average life: 50,000 hours

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

24VDC, Class 2 wiring

*See LED Strips for correlating Power Supplies & Controls (pages 9-17)

*To determine the necessary wire gauge use our [Voltage Drop Calculator](#).

ROOM WRAPPING DESIGN NOTE

Cirrus Ceiling / Wall S1 can be installed on a horizontal single surface around the perimeter of a room, or on a wall vertical plane across the ceiling. Add DIY Pre-Formed Components to create desired Room Wrapping Installations. Room Wrapping is the style of installation in which the electrician may miter-cut on the field 45° inside and outside angles. The LED Soft Strip is installed flat on the back of the channel and bends within inside or outside corners for seamless light across surfaces.

PRE-FORMED COMPONENTS

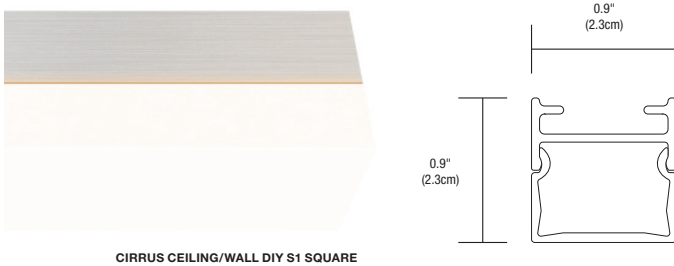
Channel and Lens, Power and Non-Power End Caps, and Mounting Clips With Channel Connectors

FINISHES



CIRRUS CEILING / WALL S1 DIY

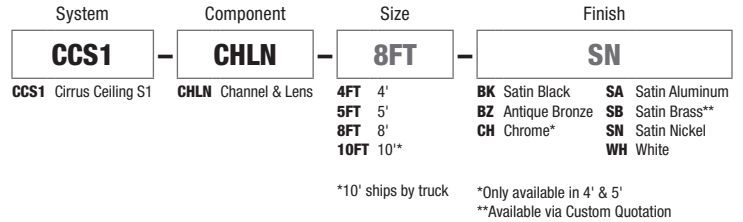
SQUARE DOWNLIGHT LENS 24VDC DO-IT-YOURSELF SYSTEM



CIRRUS CEILING/WALL DIY S1 SQUARE

CHANNEL & LENS

4', 5', 8', 10' Channel with Lens. LED Soft Strip (not included) will be installed flat in the channel. Allows you to create a Cirrus Ceiling / Wall DIY system. Field cuttable to any length. Add CC connectors below, as needed.



| CCS1 | | | | | | | | | | | | | | | | | |
|-------------------------|---------------------|-----|-----|-----|-----|----------------|-----|------|-----|------|----------------|-----|-----|-----|-----|-----|-----|
| DESCRIPTION | CLEAR SQUARE 1 LENS | | | | | | | | | | | | | | | | |
| WATTS PER FOOT | 2W (2.5 watts) | | | | | 5W (4.4 watts) | | | | | 7W (7.3 watts) | | | | | | |
| COLOR TEMPERATURE | 24K | 27K | 30K | 35K | 40K | 24K | 27K | 27D* | 30K | 30D* | 35K | 40K | 24K | 27K | 30K | 35K | 40K |
| LUMENS PER FOOT (lm/ft) | 184 | 186 | 194 | 222 | 235 | 340 | 344 | 393 | 358 | 409 | 411 | 434 | 526 | 531 | 553 | 635 | 670 |
| LUMENS PER WATT (lm/w) | 74 | 74 | 78 | 89 | 94 | 77 | 78 | 82 | 81 | 85 | 93 | 99 | 72 | 73 | 76 | 87 | 92 |
| CRI | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 94+ | 92+ | 94+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ |

*27D, 30D - Warm Dim (4.8 Watts)

| CCS1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|------------------------|-----|-----|-----|-----|-----|-----|-----|----------------|-----|-----|-----|-----|-----|-----|-----|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DESCRIPTION | DIFFUSED SQUARE 1 LENS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WATTS PER FOOT | 2W (2.5 watts) | | | | | | | | 5W (4.4 watts) | | | | | | | | 7W (7.3 watts) | | | | | | | | | | |
| COLOR TEMPERATURE | 20K | 22K | 24K | 27K | 30K | 35K | 40K | 57K | 65K | 20K | 22K | 24K | 27K | 30K | 35K | 40K | 57K | 65K | 20K | 22K | 24K | 27K | 30K | 35K | 40K | 57K | 65K |
| LUMENS PER FOOT (lm/ft) | 98 | 100 | 101 | 102 | 104 | 106 | 116 | 125 | 134 | 255 | 267 | 279 | 291 | 303 | 326 | 317 | 333 | 348 | 355 | 401 | 418 | 436 | 454 | 489 | 476 | 499 | 484 |
| LUMENS PER WATT (lm/w) | 53 | 50 | 50 | 51 | 52 | 53 | 90 | 63 | 74 | 55 | 56 | 58 | 61 | 63 | 68 | 66 | 69 | 76 | 55 | 56 | 58 | 61 | 63 | 68 | 66 | 69 | 76 |
| CRI | 91+ | 91+ | 91+ | 94+ | 93+ | 92+ | 92+ | 91+ | 91+ | 91+ | 91+ | 91+ | 94+ | 93+ | 92+ | 92+ | 91+ | 91+ | 91+ | 91+ | 91+ | 94+ | 93+ | 92+ | 92+ | 91+ | 91+ |

CIRRUS CEILING / WALL S1 DIY

SQUARE DOWNLIGHT LENS 24VDC DO-IT-YOURSELF SYSTEM

LENGTH CHART Actual lengths for Cirrus Ceiling / Wall S1 DIY

2.5 WATTS PER FOOT - STATIC WHITE

| LENGTH IN FEET | WATTS |
|----------------|-------|
| 1 | 3 |
| 2 | 5 |
| 3 | 8 |
| 4 | 10 |
| 5 | 13 |
| 6 | 15 |
| 7 | 17 |
| 8 | 20 |
| 9 | 22 |
| 10 | 24 |

| LENGTH IN FEET | WATTS |
|----------------|-------|
| 11 | 27 |
| 12 | 29 |
| 13 | 32 |
| 14 | 34 |
| 15 | 37 |
| 16 | 39 |
| 17 | 41 |
| 18 | 44 |
| 19 | 46 |
| 20 | 48 |

| LENGTH IN FEET | WATTS |
|----------------|-------|
| 21 | 51 |
| 22 | 54 |
| 23 | 56 |
| 24 | 58 |
| 25 | 61 |
| 26 | 63 |
| 27 | 66 |
| 28 | 68 |
| 29 | 70 |
| 30 | 72 |

| LENGTH IN FEET | WATTS |
|----------------|-------|
| 31 | 75 |
| 32 | 78 |
| 33 | 80 |
| 34 | 82 |
| 35 | 85 |
| 36 | 87 |
| 37 | 90 |
| 38 | 92 |
| 39 | 94 |
| 40 | 96 |

4.4 WATTS PER FOOT - STATIC WHITE

| LENGTH IN FEET | WATTS |
|----------------|-------|
| 1 | 5 |
| 2 | 10 |
| 3 | 16 |
| 4 | 20 |
| 5 | 24 |

| LENGTH IN FEET | WATTS |
|----------------|-------|
| 6 | 30 |
| 7 | 34 |
| 8 | 40 |
| 9 | 44 |
| 10 | 48 |

| LENGTH IN FEET | WATTS |
|----------------|-------|
| 11 | 54 |
| 12 | 58 |
| 13 | 64 |
| 14 | 68 |
| 15 | 72 |

| LENGTH IN FEET | WATTS |
|----------------|-------|
| 16 | 78 |
| 17 | 82 |
| 18 | 88 |
| 19 | 92 |
| 20 | 96 |

6.3 WATTS PER FOOT - RGBW LEDS

| LENGTH IN FEET | WATTS |
|----------------|-------|
| 1 | 6 |
| 2 | 12 |
| 3 | 18 |
| 4 | 24 |

| LENGTH IN FEET | WATTS |
|----------------|-------|
| 5 | 30 |
| 6 | 36 |
| 7 | 42 |
| 8 | 48 |

| LENGTH IN FEET | WATTS |
|----------------|-------|
| 9 | 54 |
| 10 | 60 |
| 11 | 66 |
| 12 | 72 |

| LENGTH IN FEET | WATTS |
|----------------|-------|
| 13 | 78 |
| 14 | 84 |
| 15 | 90 |
| 16 | 96 |

7.3 WATTS PER FOOT - STATIC WHITE

| LENGTH IN FEET | WATTS |
|----------------|-------|
| 1 | 8 |
| 2 | 15 |
| 3 | 23 |

| LENGTH IN FEET | WATTS |
|----------------|-------|
| 4 | 30 |
| 5 | 38 |
| 6 | 45 |

| LENGTH IN FEET | WATTS |
|----------------|-------|
| 7 | 53 |
| 8 | 60 |
| 9 | 68 |

| LENGTH IN FEET | WATTS |
|----------------|-------|
| 10 | 75 |
| 11 | 83 |
| 12 | 90 |

RGBTW 5W5 & 5W7

| ORDERING CODE (Nominal Size) | ACTUAL LENGTH (Inches) | 5W5 (Total Watts) | 5W7 (Total Watts) | ORDERING CODE (Nominal Size) | ACTUAL LENGTH (Inches) | 5W5 (Total Watts) | 5W7 (Total Watts) |
|------------------------------|------------------------|-------------------|-------------------|------------------------------|------------------------|-------------------|-------------------|
| 12 | 14 | 5 | 10 | 66 | 68 | 28 | 55 |
| 15 | 17 | 6 | 13 | 69 | 71 | 29 | 58 |
| 18 | 20 | 8 | 15 | 72 | 74 | 30 | 60 |
| 21 | 23 | 9 | 18 | 75 | 77 | 31 | 63 |
| 24 | 26 | 10 | 20 | 78 | 80 | 33 | 65 |
| 27 | 29 | 11 | 23 | 81 | 83 | 34 | 68 |
| 30 | 32 | 13 | 25 | 84 | 86 | 35 | 70 |
| 33 | 35 | 14 | 28 | 87 | 89 | 36 | 73 |
| 36 | 38 | 15 | 30 | 90 | 92 | 38 | 75 |
| 39 | 41 | 16 | 33 | 93 | 95 | 39 | 78 |
| 42 | 44 | 18 | 35 | 96 | 98 | 40 | 80 |
| 45 | 47 | 19 | 38 | 99 | 101 | 41 | 83 |
| 48 | 50 | 20 | 40 | 102 | 104 | 43 | 85 |
| 51 | 53 | 21 | 43 | 105 | 107 | 44 | 88 |
| 54 | 56 | 23 | 45 | 108 | 110 | 45 | 90 |
| 57 | 59 | 24 | 48 | 111 | 113 | 46 | 93 |
| 60 | 62 | 25 | 50 | 114 | 116 | 48 | 95 |
| 63 | 65 | 26 | 53 | 117 | 119 | 49 | 98 |
| | | | | 120 | 122 | 50 | 100 |

CIRRUS CEILING / WALL S1 DIY

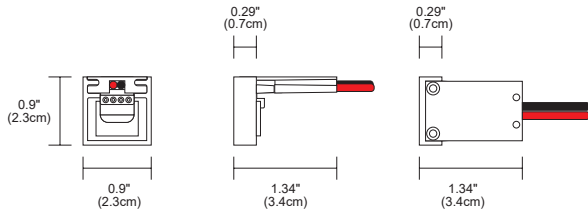
SQUARE DOWNLIGHT LENS 24VDC DO-IT-YOURSELF SYSTEM

REV 01.19.26

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

END CAP POWER WITH CANOPY

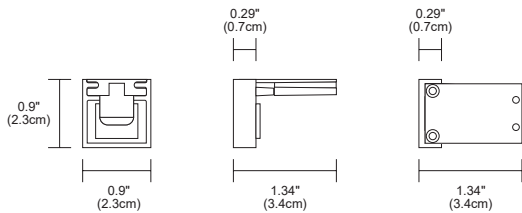
Power End Cap Connector joins the Cirrus Modular Ceiling and electrically provides power from a Remote Power Supply through the Power canopy. Includes Power Canopy and 6' of Power Cable, which easily adjusts at Canopy. 1RE J-box included with ordering code.



| System | Type | Power Canopy | Finish |
|-------------------------------|--------------------------|--|---|
| CCD1 | CAP | 1R | SN |
| CCD1 Cirrus Ceiling D1 | CAP End Cap Power | 1R 1" Rectangle Canopy 4S 4.6" Square Split Canopy TBA Clips with 2ft Teflon plenum power feed, use for 15/16" or 9/16" Wide T-Bar Flush mounted ceiling panels TBB Clips with 2ft Teflon plenum power feed, use for 15/16" wide T-Bar with ceiling panel 3/8" below grid TBC Compatible with Armstrong® Optima® PB Vector 15/16" T-Bar systems with 1/4" reveal ceiling panels TBE Clips with 2ft Teflon plenum power feed, use for 9/16" wide Slotted T-Bar TBF Mounting clips are compatible with Donn® Fineline® Slotted T-Bar Drop Ceiling systems with 1/8" openings TBI T-bar clips for Armstrong interlude and 9/16" flat grid with Tegular tiles TBM Magnetic Tape is compatible with flat metal ceilings such as Armstrong® Metalworks™ | BK Satin Black BZ Antique Bronze CH Chrome SA Satin Aluminum SB Satin Brass* SN Satin Nickel WH White *Available via Custom Quotation |

END CAP

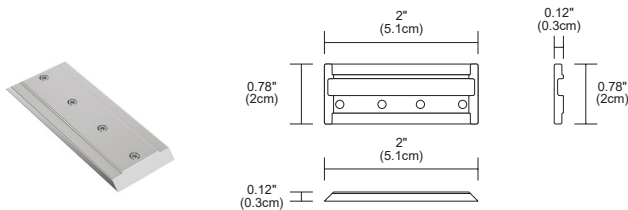
End Cap terminates the Cirrus Modular Ceiling run and provides a finished look.



| System | Type | Finish |
|-------------------------------|-------------------------|---|
| CCD1 | DCA | SN |
| CCD1 Cirrus Ceiling D1 | DCA Dead End Cap | BK Satin Black BZ Antique Bronze CH Chrome SA Satin Aluminum SB Satin Brass* SN Satin Nickel WH White *Available via Custom Quotation |

STRAIGHT CONNECTOR

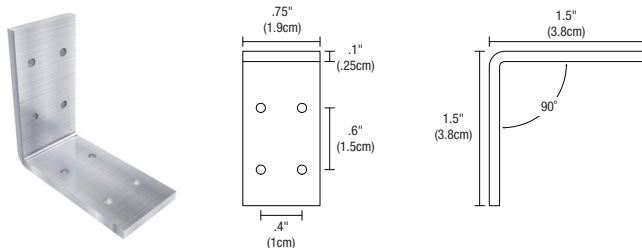
Straight Connectors join two sections of Cirrus Channel.



| System | Type |
|--------------------------|------------------------------|
| CC | SC |
| CC Cirrus Channel | SC Straight Connector |

L CONNECTOR

Inside L Connectors join two sections of Cirrus Channel. Add joiner as needed.



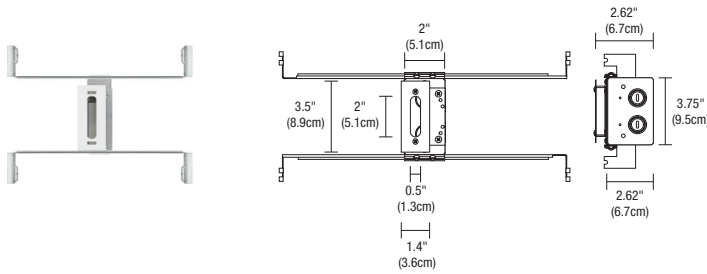
| System | Type | Type |
|------------------|-------------------------------|---------------------------------|
| C | LCC | RA |
| C Channel | LCC Inside L Connector | RA Right Angle Connector |

CIRRUS CEILING / WALL S1 DIY

SQUARE DOWNLIGHT LENS 24VDC DO-IT-YOURSELF SYSTEM

REV 01.19.26

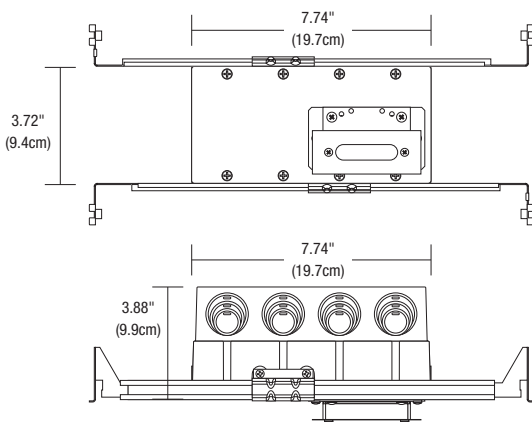
COMPONENTS J-box, Split Canopies, & Mounting Clips are included and sold separately for replacement



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 |

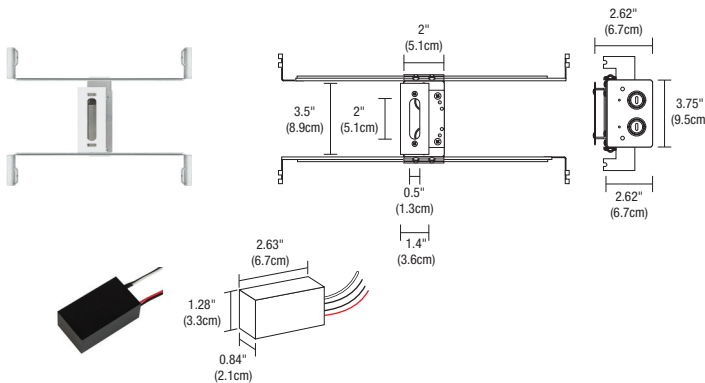


TRICOLOR™ RGBTW CEILING SURFACE 1" RECTANGLE CANOPY & 4 GANG JUNCTION BOX

(Order PureSmart WiZ controlled CV Bridge box separately from RGBTW LED Strip page below)

The Junction Box opening is covered by the fixture for a clean no Canopy look. Includes 4 gang Junction Box with adjustable bar hangers. Includes a Goof Plate for poor plastering around J-box. Can be quick shipped for rough-in.

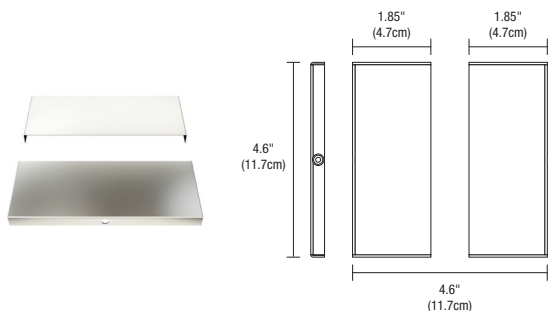
| Type | Component | Ceiling/Wall Type |
|-----------|---------------------------|--------------------------------------|
| C | 1RE | JB4G |
| C Channel | 1RE 1" Rectangle End Feed | JB4G 6 Conductor 4 Gang Junction Box |



1" RECTANGLE CANOPY & J-BOX WITH 50W POWER SUPPLY (ORDER SEPARATELY)

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 included power supply to connect to channel wires. The Junction Box opening is covered by the fixture for a clean, safe connection. Rated 60 watts for Non-Insulated Ceiling or Wall Power Supply. Rated 50 watts for Insulated Ceiling. Includes a Goof Plate for poor plastering around J-box.

| System | Canopy | Product | Watts | Insulation |
|-----------------|------------------|-------------------|--------------|----------------------|
| CV2 | 1RE | JBOX | 50W | IC |
| CV2 Channel 24V | 1RE 1" Rectangle | JBOX Junction Box | 50W 50 Watts | IC Insulated Ceiling |



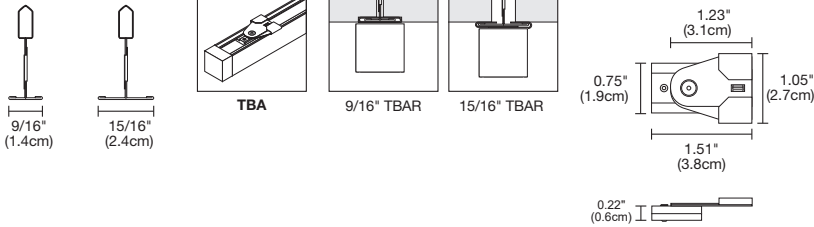
4" SQUARE SPLIT CANOPY (INCLUDED WITH 4S SELECTED IN FIXTURE ORDERING CODE)

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 <small>*Available via Custom Quotation</small> |

T-Bar Mounting Options for Cirrus Channels

9/16" TBAR 15/16" TBAR

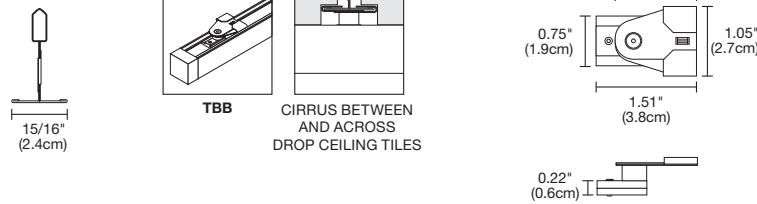


CEILING MOUNTING T-BAR CLIPS FOR 15/16" AND 9/16" CEILING GRID

TBA mounting clips are compatible with 15/16" and 9/16" T-Bar systems where the ceiling panels are flush with the grid, and 15/16" tegular ceiling panels.

| System | Component | Type | Finish |
|----------------------|-------------------|----------------|----------------------|
| CCD1M | MCL | TBA | WH |
| CCD1M Cirrus Ceiling | MCL Mounting Clip | TBA T-Bar Clip | WH White BK Black |

15/16" TBAR

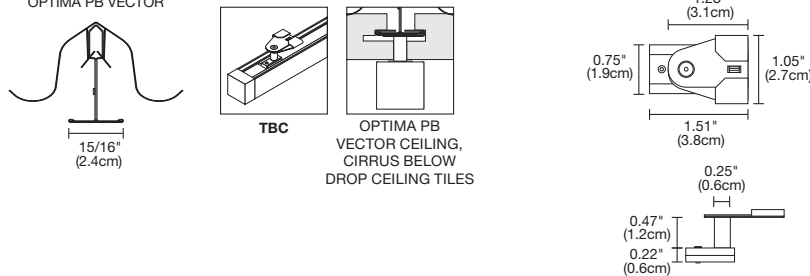


CEILING MOUNTING T-BAR CLIPS FOR 15/16" CEILING GRID

TBB mounting clips are compatible with 15/16" T-Bar systems where the ceiling panels sit below T-Bar grid (includes spacer).

| System | Component | Type | Finish |
|----------------------|-------------------|----------------|----------------------|
| CCD1M | MCL | TBB | WH |
| CCD1M Cirrus Ceiling | MCL Mounting Clip | TBB T-Bar Clip | WH White BK Black |

OPTIMA PB VECTOR

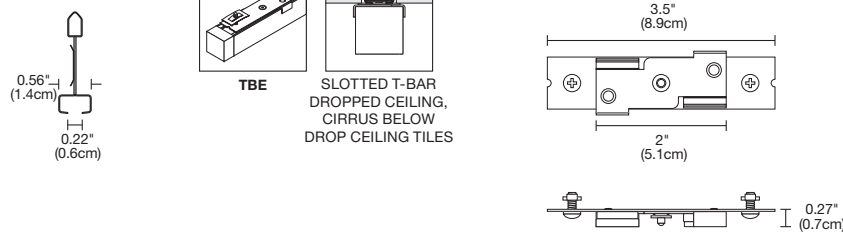


T-BAR CLIP FOR ARMSTRONG® OPTIMA® PB VECTOR

TBC Mounting clips are compatible with Armstrong® Optima® PB Vector 15/16" T-Bar systems with 1/4" reveal ceiling panels.

| System | Component | Type | Finish |
|----------------------|-------------------|----------------|----------------------|
| CCD1M | MCL | TBC | WH |
| CCD1M Cirrus Ceiling | MCL Mounting Clip | TBC T-Bar Clip | WH White BK Black |

SLOTTED T-BAR

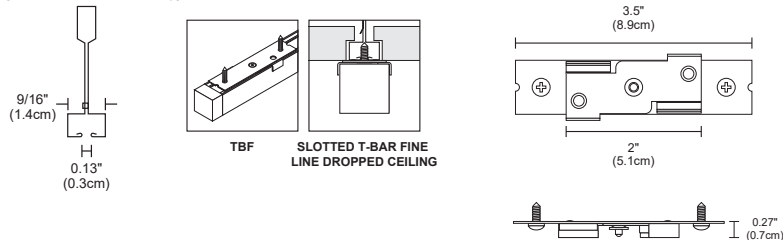


T-BAR SLOT MOUNTING CLIP

TBE Mounting clips are compatible with Slotted T-Bar Drop Ceiling systems with 1/4" openings, and mounts flush anywhere along the T-Bar grid.

| System | Component | Type | Finish |
|----------------------|-------------------|----------------|----------------------|
| CCD1M | MCL | TBE | WH |
| CCD1M Cirrus Ceiling | MCL Mounting Clip | TBE T-Bar Clip | WH White BK Black |

SLOTTED T-BAR FINELINE 1/8"

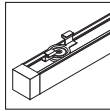


T-BAR FINELINE® SLOT MOUNTING CLIP

TBF Mounting clips are compatible with Donn® Finline® Slotted T-Bar Drop Ceiling systems with 1/8" openings, and mounts flush anywhere along the T-Bar grid.

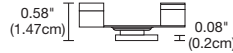
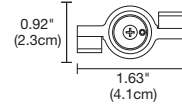
| System | Component | Type | Finish |
|----------------------|-------------------|----------------|----------------------|
| CCD1M | MCL | TBF | WH |
| CCD1M Cirrus Ceiling | MCL Mounting Clip | TBF T-Bar Clip | WH White BK Black |

ARMSTRONG®
INTERLUDE XL HRC



TBI

ARMSTRONG
INTERLUDE™ T-BAR,
CIRRUS BELOW
DROP CEILING TILES

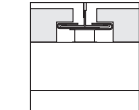


T-BAR INTERLUDE CLIP AND 9/16" FLAT GRID WITH TEGULAR TILES

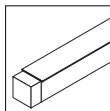
TBI Mounting clips are compatible with Armstrong Interlude™ T-Bar systems where the ceiling panels are flush with the bottom of the grid and compatible with 9/16" flat grid with tegular tiles that sit below the grid up to 3/8".

| System | Component | Type | Finish |
|----------------------|-------------------|----------------|----------------------|
| CCD1M | MCL | TBI | WH |
| CCD1M Cirrus Ceiling | MCL Mounting Clip | TBI T-Bar Clip | WH White BK Black |

FLAT 9/16"
TBAR GRID



CIRRUS BETWEEN
AND ACROSS
DROP CEILING TILES



TBM

METAL CEILING

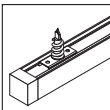


MAGNETIC TAPE

TBM Magnetic Tape is compatible with flat metal ceilings such as Armstrong® Metalworks™.

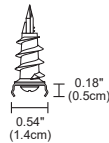
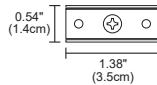
| System | Component | Type | Finish |
|----------------------|-------------------|-------------------------|----------------------|
| CCD1M | MCL | TBM | WH |
| CCD1M Cirrus Ceiling | MCL Mounting Clip | TBM T-Bar Magnetic Tape | WH White BK Black |

Drywall Mounting Options for Cirrus Channels



CC-MCL

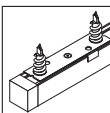
DRYWALL CEILING



CEILING MOUNTING SPRING CLIP

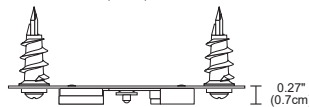
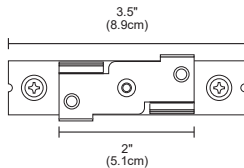
Ceiling Mounting Spring clips are provided with every 2ft of Cirrus Ceiling Channel. The Clip snaps into the channel, staying securely fastened to the ceiling or wall.

| System | Component |
|-------------------|-------------------|
| CC | MCL |
| CC Cirrus Ceiling | MCL Mounting Clip |



CC-MCL-L

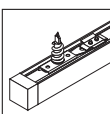
DRYWALL CEILING



CEILING MOUNTING LOCKING CLIP

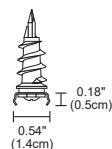
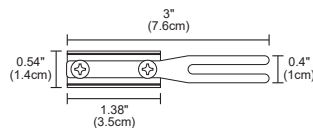
Ceiling Mounting Locking Clips may be ordered separately for extra support. The channel slides into the clip and locks in place staying securely fastened to the ceiling or to the wall.

| System | Component | Type |
|-------------------|-------------------|-----------|
| CC | MCL | L |
| CC Cirrus Ceiling | MCL Mounting Clip | L Locking |



CCD1M-MCL-FL

DRYWALL CEILING

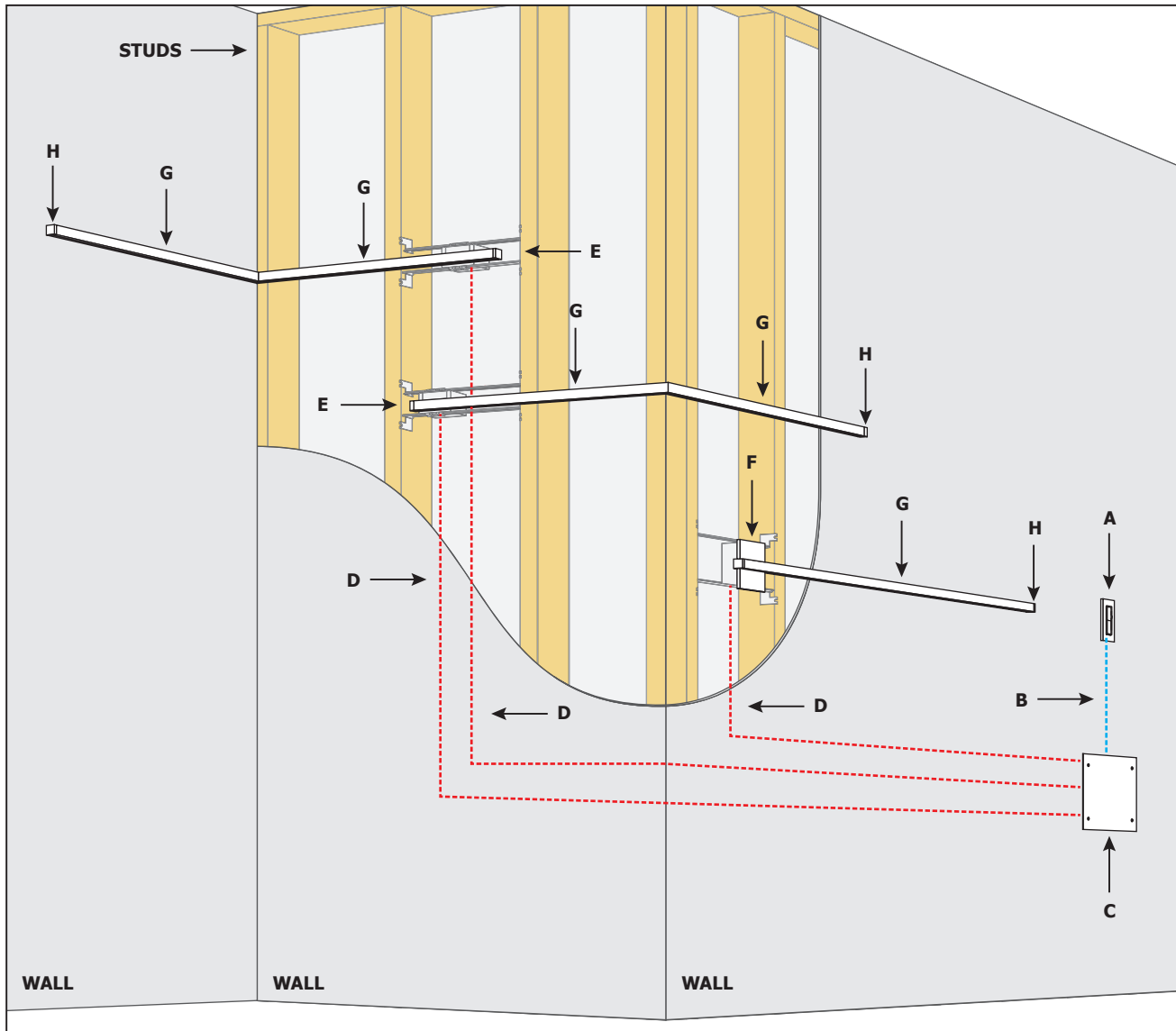


FORK LOCKING CLIP

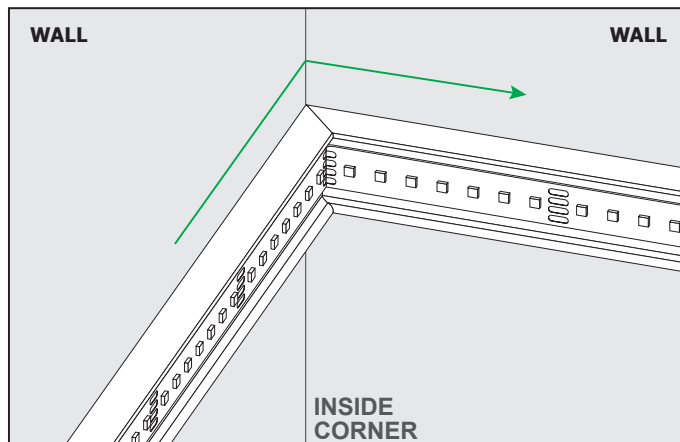
Fork locking clip for ceiling or wall Mounting. The channel slides into the Fork locking Clip keeping the fixture secure.

| System | Component | Type |
|-------------------|-------------------|-----------------|
| CC | MCL | FL |
| CC Cirrus Ceiling | MCL Mounting Clip | FL Fork Locking |

INSTALLATION



- A. DIMMER OR SWITCH
- B. 120VAC WIRING
- C. 120V/24VDC REMOTE POWER SUPPLY WITH IN-WALL MOUNTING KIT
- D. 24VDC, CLASS 2 WIRING
- E. END CAP POWER CONNECTOR WITH 1" RECTANGLE CANOPY & J-BOX
- F. END CAP POWER CONNECTOR WITH 4.6" SQUARE SPLIT CANOPY
- G. CIRRUS S1 CHANNEL
- H. DEAD END CAP



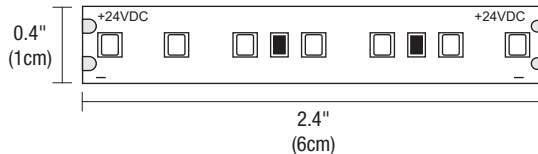
LED on back of the channel

STOMP STRIP & SOFT STRIP, STATIC WHITE

24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 05.20.25



Our Low Voltage LED strips are highly durable, designed to withstand the harsh elements of a job site, and precision engineered to provide superior color rendering up to 92+ CRI. Both Stomp Strip and Soft Strip are used for our **DIY** (Do-it-Yourself) fixtures and systems. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com.

FEATURES & BENEFITS

- Offered with pin connectors reducing time and labor during installation
- Developed to meet popular demand for resilient performance without sacrificing output, color rendering and efficacy
- Tolerance: Created to resist damage in rigorous environments such as busy commercial jobsites
- Compact LED spacing: Produces uniform light distribution without visible diodes or hot spots when used within a diffused lens
- 4oz Layer of Copper Busbar: Provides superior heat dissipation and less voltage drop equivalent to 14AWG wire
- Premium Coating: Optically Clear Silicone prevents fading over time
- Mounting: Industrial 3M tape lined strip for strong, self-adhesion to most smooth, finished surfaces
- Suitable for indoor damp locations
- Warranty: Includes a 5-year pro-rated warranty

SPECIFICATIONS

- 24VDC
- 2.5, 4.4, 7.3 watts per foot
- Sold in 1' increments
- Field-cutable in 2.4" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)
- System requires two rows of LED strip

LAMP

- Offered in multiple Static White Color Temperatures: 2400K, 2700K, 3000K, 3500K & 4000K
- Average life: 50,000 hours

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

24VDC, Class 2 wiring

- Pure Smart™ WIZ Pro [Power Supplies](#) & [Controls](#)
- [UNI Driver: Universal Dimming \(TRIAC, ELV, 0-10V\)](#) ELV & TRIAC [Smart Dimmer & Switch](#)
- [DALI/DALI-2](#)
- [Lutron](#) Hi-Lume/Ecosystem

*In-Wall Mounting and drop ceiling Kits available for select power supplies

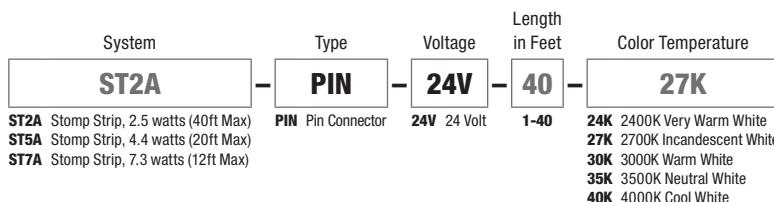
MAXIMUM LENGTHS BEFORE RE-FEEDING

- 5WDC (2x2.5 watts per foot) 20'
- 10WDC (2x4.4 watts per foot) 10'
- 14WDC (2x7.3 watts per foot) 6'

APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, RoHS, ETL listed.

| NOMINAL LAMP DATA | ST2A | | | | | ST5A | | | | | ST7A | | | | |
|-------------------------|------|-----|-----|-----|-----|------|-----|-----|-----|-----|------|-----|-----|-----|------|
| | 2.5W | | | | | 4.4W | | | | | 7.3W | | | | |
| WATTS PER FOOT | | | | | | | | | | | | | | | |
| COLOR TEMPERATURE | 24K | 27K | 30K | 35K | 40K | 24K | 27K | 30K | 35K | 40K | 24K | 27K | 30K | 35K | 40K |
| LUMENS PER FOOT (lm/ft) | 284 | 287 | 299 | 343 | 362 | 525 | 531 | 553 | 634 | 669 | 811 | 820 | 854 | 980 | 1033 |
| LUMENS PER WATT (lm/w) | 114 | 115 | 120 | 137 | 145 | 119 | 121 | 126 | 144 | 152 | 111 | 112 | 117 | 134 | 142 |
| CRI | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ |



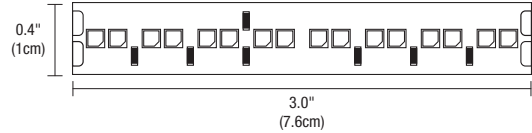
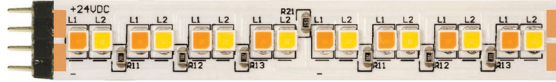
System Requires Two Rows of LED Strip

WARM DIM, STOMP STRIP

24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 05.20.25



CAN'T STOMP ME OUT

Our Low Voltage Stomp Strip is highly durable, designed to withstand the harsh elements of a job site, and precision engineered to provide superior color rendering up to 94+ CRI. Warm Dim technology (**27D & 30D**) mimics an incandescent atmosphere by decreasing the color temperature as you dim. Our Warm Dim strips can be dimmed all the way down to a soothing amber hue at 1800K, reminiscent of candlelight along the halogen curve. Stomp Strip is used for our **DIY** (Do-it-Yourself) fixtures and systems.

FEATURES & BENEFITS

- Offered with pin connectors reducing time and labor during installation
- Developed to meet popular demand for resilient performance without sacrificing output, color rendering and efficacy
- Tolerance: Created to resist damage in rigorous environments such as busy commercial jobsites
- Compact LED spacing: Produces uniform light distribution without visible diodes or hot spots when used within a diffused lens
- 4oz Layer of Copper Busbar: Provides superior heat dissipation and less voltage drop equivalent to 14AWG wire
- Premium Coating: Optically Clear Silicone prevents fading over time
- Mounting: Industrial 3M tape lined strip for strong, self-adhesion to most smooth, finished surfaces
- Suitable for indoor damp locations
- Warranty: Includes a 5-year pro-rated warranty

LAMP

- **27D** dims from 2700K down to 1800K, and **30D** dims from 3000K down to 2000K, resembling Halogen light sources.
- Average life: 50,000 hours

SPECIFICATIONS

- 24VDC
- 4.8 watts per foot
- Sold in 1' increments
- Field-cutttable in 3" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)
- Maximum length before re-feeding - 20'
- System requires two rows of LED strip

MAXIMUM LENGTHS BEFORE RE-FEEDING

- 10WDC (2x4.8 watts per foot) 10'

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

24VDC, Class 2 wiring

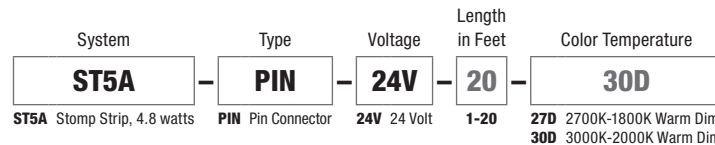
- [UNI Driver: Universal Dimming \(TRIAC, ELV, 0-10V\)](#)
ELV & TRIAC [Smart Dimmer & Switch](#)
- [DALI/DALI-2](#)
- [Lutron Hi-Lume/Ecosystem](#)

*In-Wall Mounting and drop ceiling Kits available for select power supplies

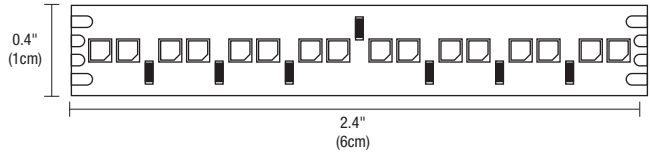
APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, RoHS, ETL listed.

| NOMINAL LAMP DATA | ST5A | |
|-------------------------|------|-----|
| WATTS PER FOOT | 4.8W | |
| COLOR TEMPERATURE | 27D | 30D |
| LUMENS PER FOOT (lm/ft) | 606 | 631 |
| LUMENS PER WATT (lm/w) | 126 | 131 |
| CRI | 94+ | 94+ |



System Requires Two Rows of LED Strip



FEATURES & BENEFITS

- Pro Dim LED Strip provides adaptable dim to warm light with 0.1% Dim to off
- High CRI LEDs, offering superior color rendering and enhanced color
- Offered in 2W, 5W, & 7W watts per foot
- The 0.4" (10mm) wide strip contains 35 LEDs per foot (7 LEDs per 2.4" Increment): Tight spacing of LEDs produce uniform light distribution without visible diodes or pixelation when used within a diffused lens
- Gold Plated Contacts: Prevent oxidation ensuring longevity of the LEDs
- 4oz Layer of Copper Busbar: Provides superior heat dissipation and less voltage drop equivalent to 14AWG wire
- Premium Coating: Optically Clear Silicone prevents fading over time
- Mounting: Industrial 3M tape lined strip for strong, self-adhesion to most smooth, finished surfaces
- Applications: Indoor, damp and dry locations
- Warranty: Includes a 5-year pro-rated warranty

SPECIFICATIONS

- 24VDC, 120-277VAC Input
- 2.5, 5, and 7.5 watts per foot
- Sold in 1' increments
- Field-cutable in 2.4" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)
- System requires two rows of LED strip

LAMP

- Available in 2700K **27KPD** (dims down to 1800K) and **3000K** (30KPD) that dims down to 2000K
- Linear Dimming Curve
- Designer Grade High CRI 92+ LEDs
- Average life: 50,000 hours

MAXIMUM LENGTHS BEFORE RE-FEEDING

- 5WDC (2x2.5 watts per foot) 20'
- 10WDC (2x5 watts per foot) 10'
- 14WDC (2x7.5 watts per foot) 6'

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

24VDC, Class 2 wiring

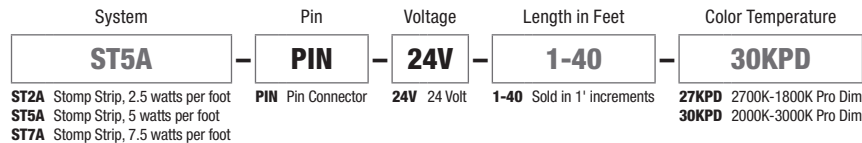
- [Pro Dim Power Supplies & Controls](#)

*In-Wall Mounting Kits available for select Power Supplies

APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, RoHS, ETL listed.

| NOMINAL LAMP DATA | | | | | | |
|-------------------------|----------------|-------|--------------|-------|----------------|-------|
| DESCRIPTION | ST2A KPD | | ST5A KPD | | ST7A KPD | |
| WATTS PER FOOT | 2W (2.5 watts) | | 5W (5 watts) | | 7W (7.5 watts) | |
| COLOR TEMPERATURE | 27KPD | 30KPD | 27KPD | 30KPD | 27KPD | 30KPD |
| LUMENS PER FOOT (lm/ft) | 165 | 173 | 426 | 451 | 523 | 548 |
| LUMENS PER WATT (lm/w) | 66 | 69 | 66 | 69 | 58 | 61 |
| CRI | 92+ | 92+ | 92+ | 92+ | 92+ | 92+ |



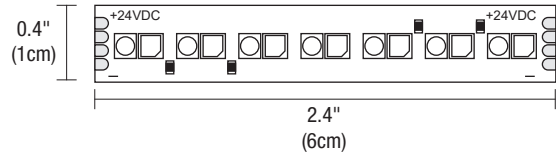
System Requires Two Rows of LED Strip

STOMP STRIP, TUNABLE WHITE

24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 05.20.25



CAN'T STOMP ME OUT

Our Low Voltage Tunable White Stomp Strip is highly durable, designed to withstand the harsh elements of a job site, and precision engineered to provide superior color rendering up to 94+ CRI. 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). Tunable white lighting visually, biologically and emotionally contributes to human interaction with the physical world. Human centric lighting (HCL) builds on this technology bringing the dynamics of natural daylight indoors, and delivering a positive effect on human health, well-being and performance. Stomp Strip is used for our **DIY** (Do-it-Yourself) fixtures and systems.

FEATURES & BENEFITS

- Offered with pin connectors reducing time and labor during installation
- Developed to meet popular demand for resilient performance without sacrificing output, color rendering and efficacy
- Tolerance: Created to resist damage in rigorous environments such as busy commercial jobsites
- Compact LED spacing: Produces uniform light distribution without visible diodes or hot spots when used within a diffused lens
- 4oz Layer of Copper Busbar: Provides superior heat dissipation and less voltage drop equivalent to 14AWG wire
- Premium Coating: Optically Clear Silicone prevents fading over time
- Mounting: Industrial 3M tape lined strip for strong, self-adhesion to most smooth, finished surfaces
- Suitable for indoor damp locations
- Warranty: Includes a 5-year pro-rated warranty

LAMP

- Tunable White: 2000K-6500K (**2K6K**) and 2700K-6500K (**27K6**) grants independent control for adjusting color temperature and intensity
- Average life: 50,000 hours

SPECIFICATIONS

- 24VDC
- 2.5, 4.6, or 7.5 watts per foot
- Sold in 1' increments
- Field-cutable in 2.4" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)
- System requires two rows of LED strip

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

24VDC, Class 2 wiring

- Pure Smart™ WiZ Pro [Power Supplies & Controls](#)
- [0-10V](#): Requires two dimmers, one for intensity and one for color temperature
- [DMX & Controls](#)
- [DALI/DALI-2](#)

*In-Wall Mounting and drop ceiling Kits available for select power supplies

MAXIMUM LENGTHS BEFORE RE-FEEDING

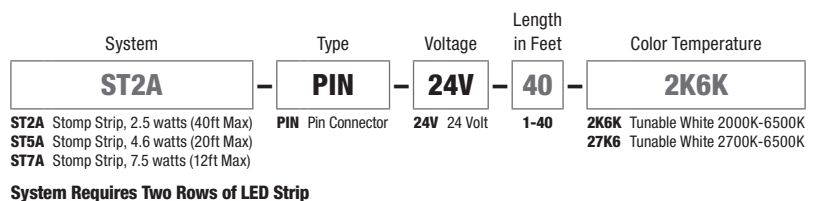
- 5WDC (2x2.5 watts per foot) 20'
- 10WDC (2x4.6 watts per foot) 10'
- 14WDC (2x7.5 watts per foot) 6'

APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, RoHS, ETL listed.

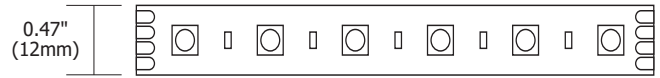
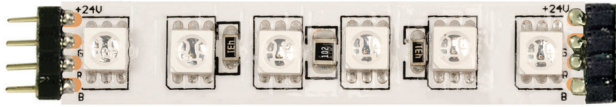
| NOMINAL LAMP DATA | ST2A 2K6K | | | | | | | | | | ST5A 2K6K | | | | | | | | | | ST7A 2K6K | | | | | | | | | |
|-------------------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----|-----|-----|-----|--|--|--|
| | 2.5 Watts | | | | | | | | | | 4.6 Watts | | | | | | | | | | 7.5 Watts | | | | | | | | | |
| WATTS PER FOOT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COLOR TEMPERATURE | 20K | 22K | 24K | 27K | 30K | 35K | 40K | 57K | 65K | 20K | 22K | 24K | 27K | 30K | 35K | 40K | 57K | 65K | 20K | 22K | 24K | 27K | 30K | 35K | 40K | 57K | 65K | | | |
| LUMENS PER FOOT (lm/ft) | 152 | 154 | 156 | 158 | 160 | 165 | 180 | 194 | 208 | 368 | 383 | 398 | 413 | 428 | 458 | 491 | 496 | 500 | 512 | 536 | 560 | 584 | 608 | 656 | 691 | 698 | 705 | | | |
| LUMENS PER WATT (lm/w) | 82 | 77 | 78 | 79 | 80 | 82 | 90 | 97 | 115 | 80 | 80 | 83 | 86 | 89 | 95 | 102 | 103 | 109 | 80 | 74 | 78 | 81 | 84 | 91 | 96 | 97 | 110 | | | |
| CRI | 91+ | 91+ | 91+ | 94+ | 93+ | 92+ | 92+ | 91+ | 91+ | 91+ | 91+ | 91+ | 94+ | 93+ | 92+ | 92+ | 91+ | 91+ | 91+ | 91+ | 91+ | 94+ | 93+ | 92+ | 92+ | 91+ | 91+ | | | |

| NOMINAL LAMP DATA | ST2A 27K6 | | | | | | | | ST5A 27K6 | | | | | | | | ST7A 27K6 | | | | | | | |
|-------------------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----|-----|--|--|--|
| | 2.5 Watts | | | | | | | | 4.6 Watts | | | | | | | | 7.5 Watts | | | | | | | |
| WATTS PER FOOT | | | | | | | | | | | | | | | | | | | | | | | | |
| COLOR TEMPERATURE | 27K | 30K | 35K | 40K | 45K | 57K | 65K | 27K | 30K | 35K | 40K | 45K | 57K | 65K | 27K | 30K | 35K | 40K | 45K | 57K | 65K | | | |
| LUMENS PER FOOT (lm/ft) | 164 | 195 | 201 | 206 | 225 | 242 | 231 | 411 | 420 | 436 | 452 | 447 | 443 | 442 | 555 | 567 | 589 | 610 | 603 | 598 | 596 | | | |
| LUMENS PER WATT (lm/w) | 82 | 78 | 80 | 82 | 90 | 97 | 115 | 103 | 91 | 95 | 98 | 97 | 96 | 110 | 87 | 79 | 82 | 85 | 84 | 83 | 93 | | | |
| CRI | 94+ | 93+ | 92+ | 92+ | 92+ | 92+ | 91+ | 94+ | 93+ | 92+ | 92+ | 92+ | 92+ | 91+ | 94+ | 93+ | 92+ | 92+ | 92+ | 92+ | 91+ | | | |



SOFT STRIP, RGB

24VDC WITH PIN CONNECTORS



DESCRIPTION

PureEdge RGB Soft Strip provides dynamic color effects with red, green and blue LEDs. Our color-changing LED strip provides bright, continuous light offered in two wattage options of 3 or 5 watts per foot. PureEdge's focus on chromacity quality provides a balanced output across the color gamut, allowing the creation of millions of beautiful colors. The flexible strip is sold in 1 foot increments. RGB Soft Strip can be controlled using a compatible 24 volt DC power supply with an integrated RGB DMX driver. Includes a flexible aluminum heat sink to extend LED life. Both Stomp Strip and Soft Strip are used for our **DIY** (Do-it-Yourself) fixtures and systems.

SPECIFICATIONS

- 24VDC, Class 2
- Power Consumption: 2.6 or 5 watts per foot
- Sold in 1' increments
- Field-cutable in increments: SS3- 4" SS5- 2.4"
- Operating temperature: -22°F to 140°F (-30°C to 60°C)
- System requires two rows of LED strip

MAXIMUM LENGTHS BEFORE RE-FEEDING

- 5WDC (2x2.6 watts per foot) 20'
- 10WDC (2x5 watts per foot) 10'

MOUNTING

Self-adhering Soft Strip mounts to most smooth finished surfaces with industrial strength 3M tape (provided on back of strip); some unfinished surfaces may require screw-in mounting clips **SS-MCL** (sold separately).

LAMP

- RGB: Dynamic Red, Green, and Blue
- Wattage options: 3 or 5 watts
- 50,000 Hour Lamp Life

ACCESSORIES (SOLD SEPARATELY)

- 24VDC Power Connectors and Jumpers
- Flexible Connectors
- Mounting Straps & Clips

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

24VDC, Class 2 wiring

- [DMX & Controls](#)
- [DALI/DALI-2](#)

*In-Wall Mounting and drop ceiling Kits available for select power supplies

APPLICATIONS

Designed for any Indoor space, including Damp locations. Ideal applications in Residential, Commercial, Retail, and Hospitality environments.

APPROVALS

Damp Location, Class 2 wiring, RoHS, ETL Listed

| System | Type | Voltage | Length in Feet | Color Temperature |
|---|-------------------|-------------|-------------------------------|--|
| SS3 | PIN | 24V | 36 | RGB |
| SS3 Soft Strip 2.6 watts per foot (max 36') | PIN Pin Connector | 24V 24 Volt | 1-36 Sold in 1 ft. increments | RGB Dynamic Color Red, Green, and Blue |
| SS5 Soft Strip 5 watts per foot (max 20') | | | | |

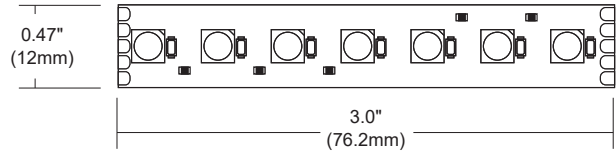
System Requires Two Rows of LED Strip

SOFT STRIP, RGB+WHITE

24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 05.20.25



DESCRIPTION

PureEdge's RGB+White Soft Strip (**SS6**) provides dynamic color effects with red, green, blue plus white. Now offered with four choices of White; 2000K and special order in 2700K, 3000K, and 4000K. Our color-changing LED strip provides bright, continuous light, our focus on chromacity quality provides a balanced output across the color gamut, allowing the creation of millions of beautiful colors and pure white. The flexible strip is sold in 1 foot increments up to 16 ft with cutting increments every 3 inches. At 6.3 watts per foot, RGB+W can be controlled using a compatible 24 volt DC power supply with an integrated RGB DMX driver. SS6 includes a flexible aluminum heat sink to extend LED life. Includes 5 year pro-rated warranty.

SPECIFICATIONS

- 24VDC, Class 2
- Power Consumption: 6.3 watts per foot
- Sold in 1' increments
- Field-cutttable in 3" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)
- System requires two rows of LED strip

MOUNTING

Self-adhering SS6 mounts to most smooth finished surfaces with industrial strength 3M tape (provided on back of strip); some unfinished surfaces may require screw-in mounting clips **SS-MCL** (sold separately).

LAMP

- RGB+W: Dynamic Red, Green, Blue plus 2000K White
- Special order in 2700K, 3000K, and 4000K
- 50,000 Hour Lamp Life

MAXIMUM LENGTHS BEFORE RE-FEEDING

12WDC (2x6.3 watts per foot) 8'

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

24VDC, CLASS 2 WIRING

- [DMX & Controls](#)
- [DALI/DALI-2](#)

*In-Wall Mounting and drop ceiling Kits available for select power supplies

ACCESSORIES (SOLD SEPARATELY)

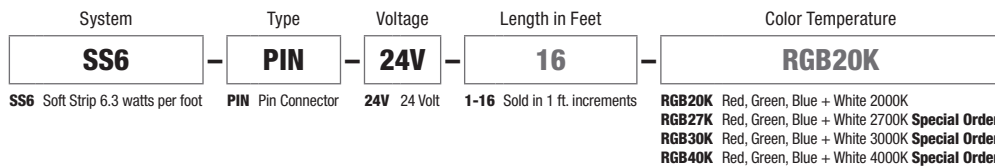
- 24VDC Power Connectors and Jumpers
- Flexible Connectors
- Mounting Straps & Clips

APPLICATIONS

Designed for any Indoor space, including Damp locations. Ideal applications in Residential, Commercial, Retail, and Hospitality environments.

APPROVALS

Damp Location, Class 2 wiring, RoHS, ETL Listed



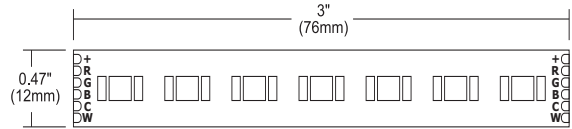
System Requires Two Rows of LED Strip

TRUCOLOR™ RGB & TUNABLE WHITE LED STRIP

24VDC, 5 CHANNEL CONTROL, WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

REV 05.20.25



DESCRIPTION

Pure Smart by PureEdge **TruColor™** technology uses five channels of tunable LEDs, composed of **RGBTW** red, blue, green, and Tunable White (**1500K-6500K**). With our precision-engineered, proprietary color mixing, we produce one of the widest, most accurate spectrums available, giving our customers access to the warm glow of the sunset (1500K-2400K golden hour) to the pure white light of the mid-day sun (5700K) and everything in between. TruColor™ LEDs achieve an average CRI-Color Rendering Index of 94+ and a Duv of +-0.0021 in relation to the blackbody curve at any point on the spectrum of tunable white CCT. Dynamic Color Changing functionality provides millions of possibilities for intricate customization, rich saturated secondary colors, and unprecedented ease of installation, making **RGBTW** the ideal choice for residential and commercial applications. TruColor™ **RGBTW** adds more than just decorative flexibility; it also helps to support a healthy Circadian Rhythm and well-being. Let TruColor™ transform your space and the people within it. 24VDC Pure Smart Remote Power Supplies required. Includes a 5-year pro-rated warranty. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com.

FEATURES & BENEFITS

- State-of-the-Art TruColor™ (1500K-6500K) spectrum offers dynamic effects with RGB and Tunable White
- Optimized for use with WIZ Pro wire control ecosystem and Pure Smart Wi-Fi Room Controller.
- Offered with Pin Connectors or Pre-soldered leads reducing time and labor during installation
- Dims from full brightness down to 5%, and tuned anywhere from 1500K to 6500K.
- Developed to meet popular demand for resilient performance without sacrificing output, color rendering, CCT range, spectrum accuracy, or efficacy.
- Tolerance: Created to resist damage in rigorous environments such as busy commercial jobsites
- Compact LED spacing: Produces uniform light distribution without visible diodes or hot spots when used within a diffused lens
- Three 1 oz Layers of Copper Busbar per foot provides superior heat dissipation and less voltage drop equivalent to 14AWG wire
- Premium Coating: Optically Clear Silicone prevents fading over time
- Mounting: Industrial 3M tape lined strip for strong, self-adhesion to most smooth, finished surfaces
- Warranty: Includes a 5-year pro-rated warranty

LUMEN PERFORMANCE

- TruColor™ **RGBTW** Red, Green, and Blue with Tunable White (**1500K-6500K**)
- S5W5 360lm/ft 5W @3000K
- S5W7 526m/ft 7W @3000K
- Average Life: 50,000 hours

AVERAGE PERFORMANCE 2000K-5500K

- Average CRI: 97+
- Average DUV: +-0.0002
- Average R9: 91, Rg: 103, Rf: 93

SPECIFICATIONS

- System requires two rows of LED strip
- 24VDC
- S5W5: 5W RGB & 5W Tunable White
- S5W7: 5W RGB & 7W Tunable White
- Sold in 1' increments
- Field-cuttable in 3" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

MAXIMUM LENGTHS BEFORE RE-FEEDING

- S5W5 – Pure Smart™ WIZ Pro: 20ft
- S5W7 – Pure Smart™ WIZ Pro: 12ft

REMOTE POWER SUPPLIES, DIMMING & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring

- [Home Integration Solutions](#)
- [Pure Smart™ WIZ Pro Power Supplies](#)
- [Pure Smart™ Wi-Fi Controller](#)

Features ON/OFF buttons, CCT and brightness control as well as four preset/custom scenes programmable in the WIZ app. Communicates via 2.4GHz Wi-Fi. No Hub needed. Voice control with Goggle Assistant, Alexa, Siri, Shortcuts, and IFTTT

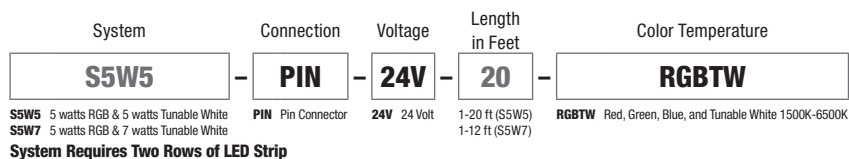
APPLICATIONS

Designed for indoor use only. Ideal applications for Residential, Commercial, Hospitality environments, and General Human Centric Lighting.

APPROVALS

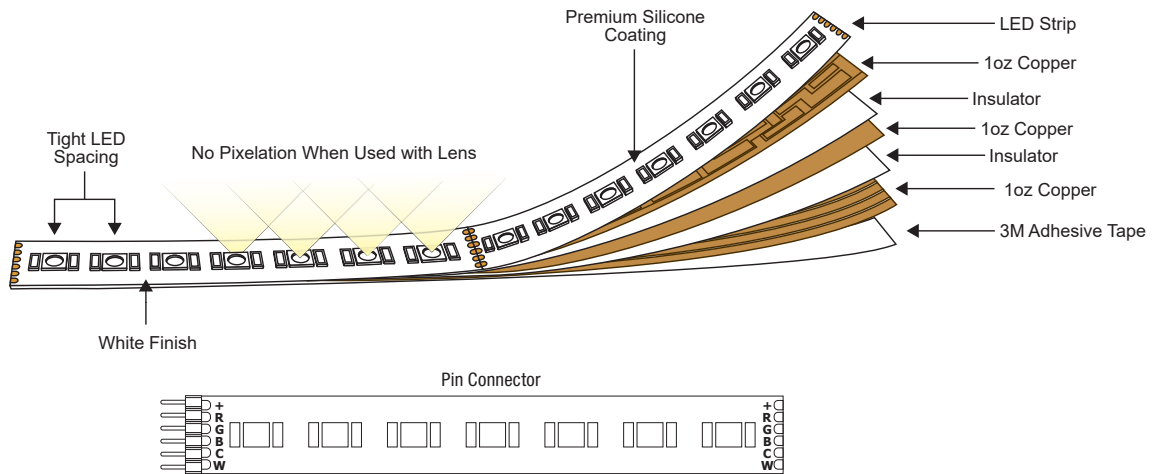
Class 2 Wiring up to 100 watts, Indoor Damp Location, ETL listed, RoHS.

| NOMINAL LAMP DATA | S5W5 5W RGB & 5W TUNABLE WHITE | | | | | | | | | | S5W7 5W RGB & 7W TUNABLE WHITE | | | | | | | | | |
|-------------------------|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------------------------------|-------|-------|-------|--------|------|-------|-------|--|--|
| DESCRIPTION | 5W Tunable White | | | | | | | | | | 7W Tunable White | | | | | | | | | |
| WATTS PER FOOT | 5W Tunable White | | | | | | | | | | 7W Tunable White | | | | | | | | | |
| COLOR TEMPERATURE | 20K | 22K | 24K | 27K | 30K | 35K | 40K | 57K | 65K | 20K | 22K | 24K | 27K | 30K | 35K | 40K | 57K | 65K | | |
| LUMENS PER FOOT (lm/ft) | 171 | 256 | 311 | 349 | 360 | 380 | 410 | 288 | 265 | 211 | 352 | 452 | 513 | 526 | 554 | 543 | 319 | 289 | | |
| LUMENS PER WATT (lm/w) | 63 | 56 | 71 | 82 | 85 | 87 | 98 | 98 | 111 | 63 | 91 | 73 | 86 | 86 | 90 | 93 | 92 | 96 | | |
| CRI | 92+ | 94+ | 95+ | 95+ | 96+ | 97+ | 97+ | 92+ | 90+ | 93+ | 95+ | 96+ | 97+ | 97+ | 98+ | 97+ | 95+ | 93+ | | |
| Duv | -0.004 | -0.0012 | -0.0034 | -0.0058 | -0.0055 | -0.0033 | -0.0014 | -0.0049 | -0.0063 | -0.003 | 0.0002 | 0.003 | 0.003 | 0.003 | 0.0009 | 0 | 0.003 | 0.003 | | |
| Rf | 90 | 90 | 90 | 94 | 97 | 97 | 91 | 81 | 70 | 91 | 90 | 90 | 94 | 95 | 93 | 93 | 79 | 67 | | |
| Rg | 91 | 93 | 94 | 94 | 95 | 94 | 94 | 92 | 90 | 92 | 93 | 95 | 95 | 95 | 95 | 94 | 92 | 91 | | |
| R9 | 105 | 101 | 103 | 105 | 104 | 102 | 100 | 102 | 103 | 104 | 100 | 102 | 103 | 103 | 101 | 100 | 102 | 103 | | |
| R13 | 92 | 94 | 95 | 95 | 94 | 96 | 99 | 90 | 87 | 92 | 95 | 96 | 96 | 97 | 99 | 99 | 91 | 88 | | |
| R15 | 99 | 99 | 99 | 98 | 97 | 97 | 89 | 85 | 85 | 99 | 99 | 99 | 99 | 99 | 98 | 97 | 90 | 85 | | |
| WATTS/FOOT | 2.7 | 4.55 | 4.35 | 4.25 | 4.25 | 4.35 | 4.2 | 2.95 | 2.4 | 3.35 | 3.85 | 6.15 | 5.95 | 6.15 | 6.15 | 5.84 | 3.45 | 3 | | |



TRUCOLOR™ RGB & TUNABLE WHITE LED STRIP

24VDC, 5 CHANNEL CONTROL



| S5W5 WATTS PER FOOT | | | |
|---------------------|-------------|-----------------------|-----------------------------|
| LENGTH IN FEET | RGB Wattage | Tunable White Wattage | Pure Smart™ Wiz Pro Wattage |
| 1 | 5 | 5 | 5 |
| 2 | 10 | 10 | 10 |
| 3 | 15 | 15 | 15 |
| 4 | 20 | 20 | 20 |
| 5 | 25 | 25 | 25 |
| 6 | 30 | 30 | 30 |
| 7 | 35 | 35 | 35 |
| 8 | 40 | 40 | 40 |
| 9 | 45 | 45 | 45 |
| 10 | 50 | 50 | 50 |
| 11 | 55 | 55 | 55 |
| 12 | 60 | 60 | 60 |
| 13 | 65 | 65 | 65 |
| 14 | 70 | 70 | 70 |
| 15 | 75 | 75 | 75 |
| 16 | 80 | 80 | 80 |
| 17 | 85 | 85 | 85 |
| 18 | 90 | 90 | 90 |
| 19 | 95 | 95 | 95 |
| 20 | 100 | 100 | 100 |

| S5W7 WATTS PER FOOT | | | |
|---------------------|-------------|-----------------------|-----------------------------|
| LENGTH IN FEET | RGB Wattage | Tunable White Wattage | Pure Smart™ Wiz Pro Wattage |
| 1 | 5 | 7 | 7 |
| 2 | 10 | 14 | 14 |
| 3 | 15 | 21 | 21 |
| 4 | 20 | 28 | 28 |
| 5 | 25 | 35 | 35 |
| 6 | 30 | 42 | 42 |
| 7 | 35 | 49 | 49 |
| 8 | 40 | 56 | 56 |
| 9 | 45 | 63 | 63 |
| 10 | 50 | 70 | 70 |
| 11 | 55 | 77 | 77 |
| 12 | 60 | 84 | 84 |

SOFT STRIP, MONOCHROMATIC COLOR

24VDC WITH PIN CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

REV 05.20.25



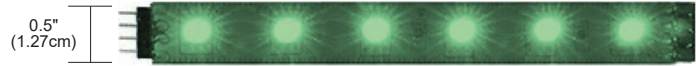
RRR - Red



BBB - Blue



AAA - Amber



GGG - Green

DESCRIPTION

PureEdge Monochromatic Color Soft Strip provides dynamic color effects with monochromatic color LEDs. Offered in Red, Amber, Blue, and Green. The 1/2" wide flexible copper strip, with an optically clear protective coating, is sold in 1ft increments up to 36 ft with cutting increments every 4 inches. Self-adhering, our strip mounts to most smooth finished surfaces with the industrial strength 3M tape on the back. Our Soft Strip is used for our **DIY** (Do-it-Yourself) fixtures and systems. Includes 5 year warranty.

SPECIFICATIONS

- 24VDC, Class 2
- Power Consumption: 5 or 10 watts per foot
- Sold in 1' increments
- Field-cutttable in 4" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)
- System requires two rows of LED strip

MOUNTING

Industrial 3M tape lines back of strip for self-adhesion to most smooth finished surfaces Additional Connectors, Mounting Straps, and Clips may be needed for some applications (sold separately).

ACCESSORIES (SOLD SEPARATELY)

- 24VDC Power Connectors and Jumpers
- Flexible Connectors
- Mounting Straps & Clips

LAMP

- Monochromatic Red, Amber, Blue, and Green
- 18 LEDs per foot
- 50,000 Hour Lamp Life

MAXIMUM LENGTHS BEFORE RE-FEEDING

- 5WDC (2x2.6 watts per foot) 20'
- 10WDC (2x5 watts per foot) 10'

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

24VDC, Class 2 wiring

- Pure Smart™ WiZ Pro [Power Supplies & Controls](#)
- [UNI Driver: Universal Dimming \(TRIAC, ELV, 0-10V\)](#)
- [Electronic Low Voltage \(ELV\)† 50W](#) (fits inside junction box)
- ELV & TRIAC [Smart Dimmer & Switch](#)
- [DALI/ DALI 2](#)
- [Lutron](#) Hi-Lume/Ecosystem

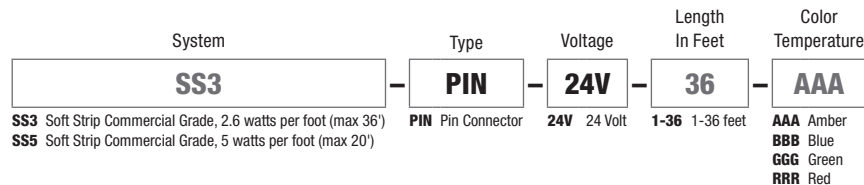
*In-Wall Mounting Kits available for select power supplies

APPLICATIONS

Indoor and damp locations. Applications include coves, toe-kicks, under cabinets and shelving, bookcases, drawers, pathways, accent lighting, task lighting, and general illumination.

APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed.



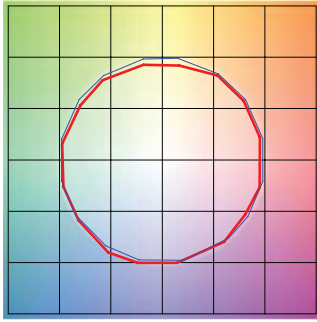
System Requires Two Rows of LED Strip

TM30 DATA

SQUARE DOWNLIGHT LENS 24VDC DO-IT-YOURSELF SYSTEM

TM-30-15 DATA: The data below is for bare LED Static White 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.

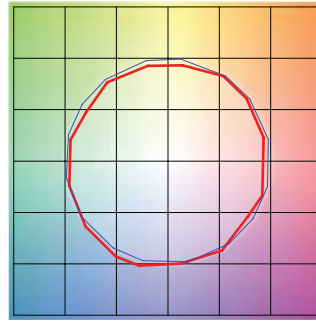
2400K | Rf: 84.5 | Rg: 94.4
Color Vector Graphic



■ Test ■ Reference

| HUE BIN | Rf | GRAPHIC SHIFTS % | |
|---------|------|------------------|-------|
| | | CHROMA | HUE |
| 1 | 92 | -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 | -0.6% | 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% |

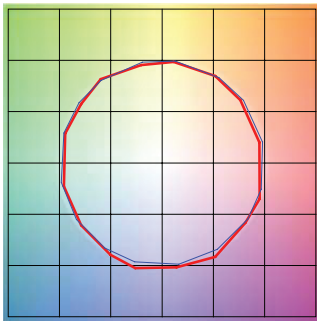
2700K | Rf: 87.7 | Rg: 96.1
Color Vector Graphic



■ Test ■ Reference

| HUE BIN | Rf | GRAPHIC SHIFTS % | |
|---------|------|------------------|-------|
| | | CHROMA | HUE |
| 1 | 88.0 | -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% |

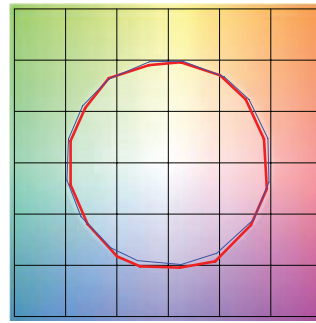
3000K | Rf: 88.1 | Rg: 99.7
Color Vector Graphic



■ 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% |

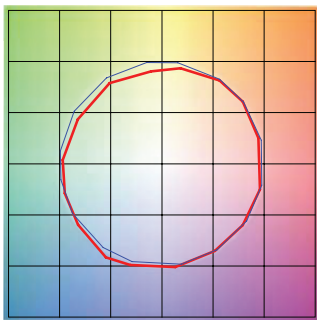
3500K | Rf: 86.1 | Rg: 95.5
Color Vector Graphic



■ 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

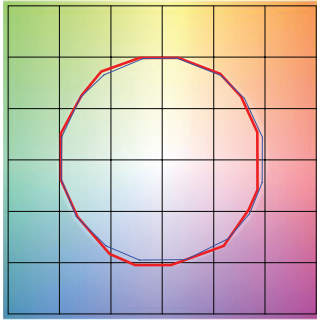
| HUE BIN | Rf | GRAPHIC SHIFTS % | |
|---------|------|------------------|-------|
| | | CHROMA | HUE |
| 1 | 88.9 | -2.4% | 2.5% |
| 2 | 93.3 | -0.4% | 0.8% |
| 3 | 94.8 | -1.0% | -0.6% |
| 4 | 87.9 | -4.9% | -3.6% |
| 5 | 85.3 | -9.4% | -2.6% |
| 6 | 90.2 | -6.0% | 0.2% |
| 7 | 85.3 | -7.6% | 4.6% |
| 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% |

TM30 DATA

SQUARE DOWNLIGHT LENS 24VDC DO-IT-YOURSELF SYSTEM

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.

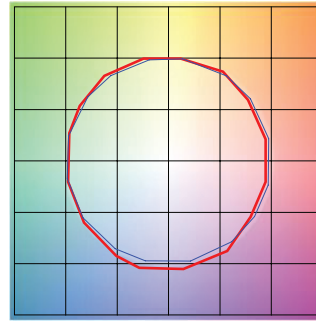
2700D | Rf: 90.7 | Rg: 101.1
Color Vector Graphic



■ Test ■ Reference

| HUE BIN | Rf | GRAPHIC SHIFTS % | |
|---------|------|------------------|--------|
| | | 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

| HUE BIN | Rf | GRAPHIC SHIFTS % | |
|---------|------|------------------|--------|
| | | 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% |

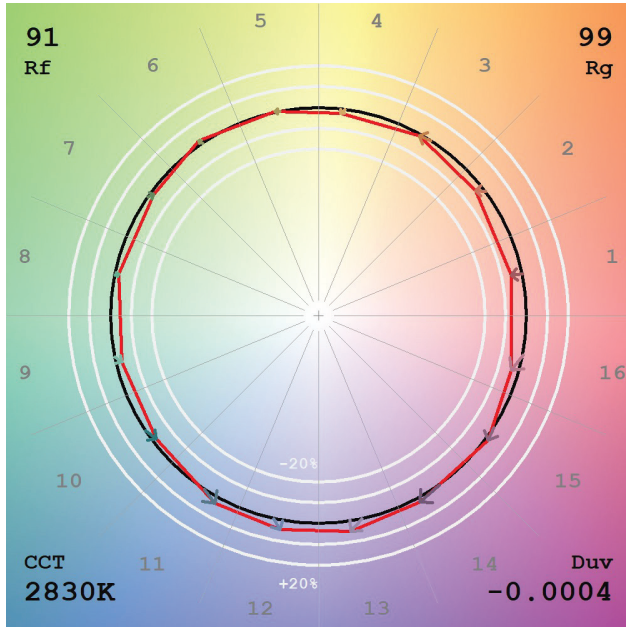
TM30 DATA

SQUARE DOWNLIGHT LENS 24VDC DO-IT-YOURSELF SYSTEM

TM-30-15 DATA: The data below is for Pro Dim bare LED 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.

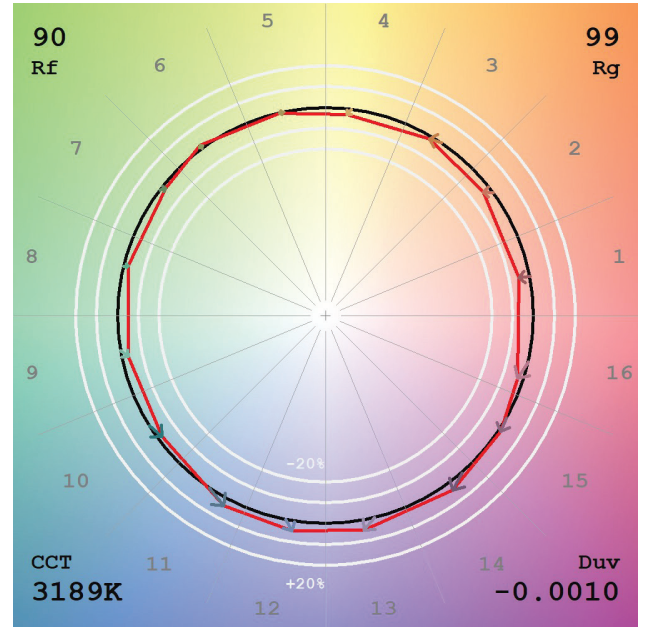
2000K ONLY (30KPD)

View Angle: 2 Deg



3000K ONLY (30KPD)

View Angle: 2 Deg



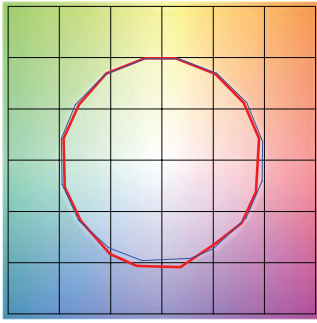
TM30 DATA

SQUARE DOWNLIGHT LENS 24VDC DO-IT-YOURSELF SYSTEM

TM-30-15 DATA: The data below is for Tunable White bare LED 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.

2000K ONLY (2K6K/27K6) | Rf: 90.6 | Rg: 98.5

Color Vector Graphic

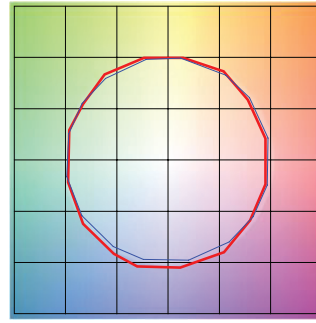


■ Test ■ Reference

| | | GRAPHIC SHIFTS % | |
|---------|------|------------------|--------|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 87.7 | -5.5% | 1.2% |
| 2 | 88.7 | -3.9% | 4.2% |
| 3 | 90.5 | -1.5% | 4.3% |
| 4 | 95.0 | -1.7% | 0.8% |
| 5 | 95.2 | -0.2% | 2.1% |
| 6 | 94.2 | 1.6% | 1.9% |
| 7 | 95.9 | -0.8% | -2.2% |
| 8 | 95.5 | -1.7% | 1.3% |
| 9 | 93.8 | -1.4 | 2.6% |
| 10 | 91.9 | -0.7% | 4.2% |
| 11 | 91.3 | 3.6% | 3.7% |
| 12 | 91.2 | 4.2% | -1.0% |
| 13 | 86.6 | 3.8% | -12.7% |
| 14 | 67.2 | -3.0% | -16.3% |
| 15 | 84.9 | -3.3% | -9.4% |
| 16 | 84.2 | -5.7% | -7.5% |

3000K (2K6K/27K6) | Rf: 90.5 | Rg: 100.7

Color Vector Graphic

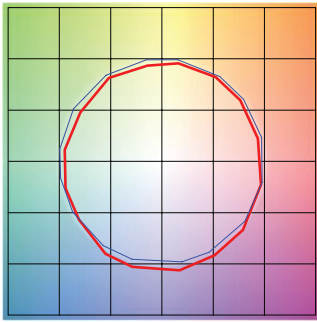


■ Test ■ Reference

| | | GRAPHIC SHIFTS % | |
|---------|------|------------------|--------|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 91.5 | -3.5% | 1.2% |
| 2 | 92.4 | -1.8% | 2.7% |
| 3 | 89.8 | 0.3% | 4.5% |
| 4 | 92.4 | -1.7% | 0.4% |
| 5 | 93.3 | -0.1% | 1.4% |
| 6 | 94.5 | 2.1% | -0.6% |
| 7 | 91.0 | -2.5% | 0.3% |
| 8 | 96.9 | -0.8% | -0.2% |
| 9 | 91.6 | -0.9% | 4.6% |
| 10 | 86.7 | 0.7% | 7.8% |
| 11 | 86.3 | 3.8% | 8.5% |
| 12 | 88.3 | 6.1% | 0.6% |
| 13 | 90.9 | 3.1% | -5.2% |
| 14 | 87.3 | 4.7% | -7.9% |
| 15 | 92.1 | -1.9% | -2.5% |
| 16 | 84.5 | -0.9% | -10.9% |

4000K ONLY (2K6K/27K6) | Rf: 86.4 | Rg: 96.1

Color Vector Graphic



■ Test ■ Reference

| | | GRAPHIC SHIFTS % | |
|---------|------|------------------|-------|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 86.5 | -5.5% | 1.3% |
| 2 | 90.4 | -3.0% | 2.3% |
| 3 | 89.8 | -2.1% | 3.6% |
| 4 | 89.1 | -3.4% | 0.4% |
| 5 | 88.5 | -5.9% | 0.1% |
| 6 | 93.6 | -3.0% | -0.4% |
| 7 | 88.9 | -6.2% | 1.7% |
| 8 | 87.3 | -5.0% | 4.9% |
| 9 | 82.4 | -3.6% | 11.3% |
| 10 | 77.4 | -1.8% | 12.7% |
| 11 | 79.8 | 4.9% | 11.4% |
| 12 | 88.7 | 4.4% | 2.7% |
| 13 | 88.7 | 4.0% | -5.1% |
| 14 | 91.2 | 2.2% | -3.8% |
| 15 | 82.7 | -0.1% | -9.2% |
| 16 | 82.8 | -2.2% | -7.6% |

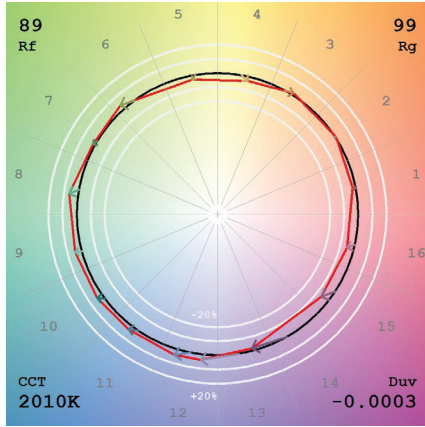
TM30 DATA

SQUARE DOWNLIGHT LENS 24VDC DO-IT-YOURSELF SYSTEM

TM-30-15 DATA: The data below is for Pure Smart TruColor™ RGBTW Lamps.

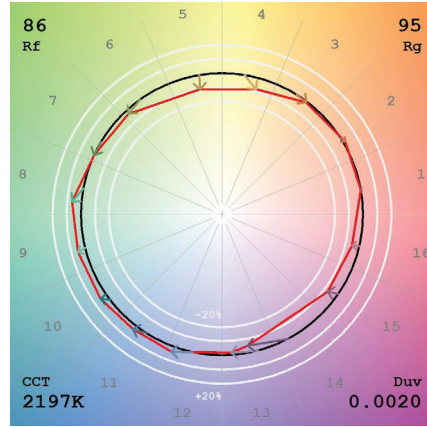
2000K (TruColor™ RGBTW)

View Angle: 2 Deg



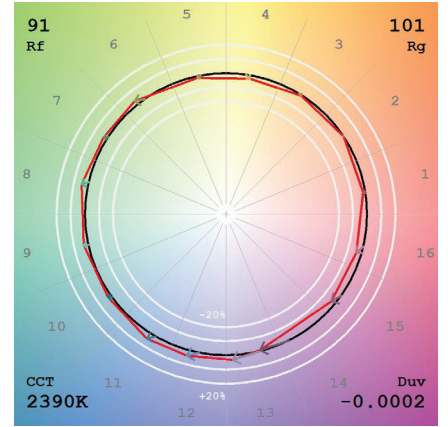
2200K (TruColor™ RGBTW)

View Angle: 2 Deg



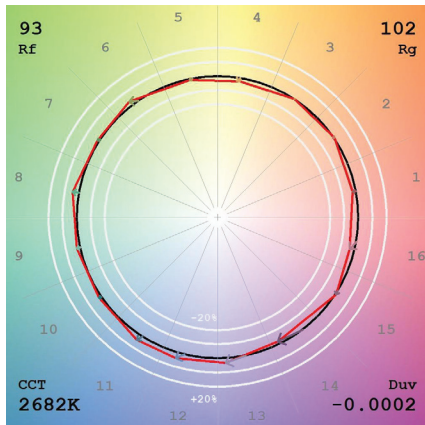
2400K (TruColor™ RGBTW)

View Angle: 2 Deg



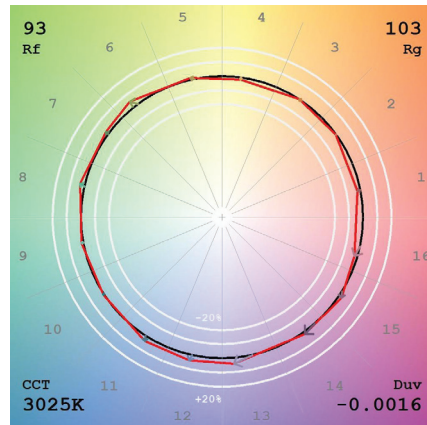
2700K (TruColor™ RGBTW)

View Angle: 2 Deg



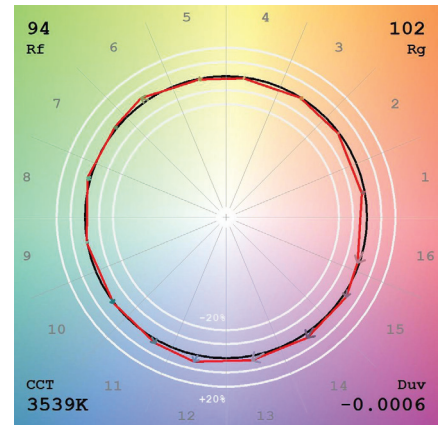
3000K (TruColor™ RGBTW)

View Angle: 2 Deg



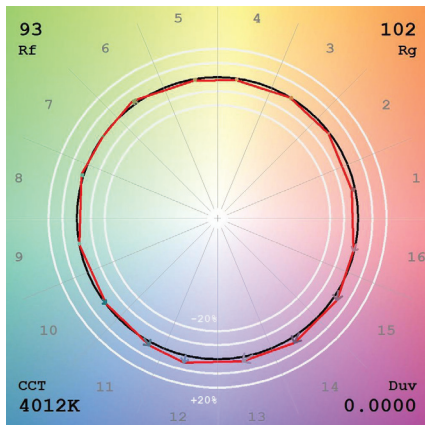
3500K (TruColor™ RGBTW)

View Angle: 2 Deg



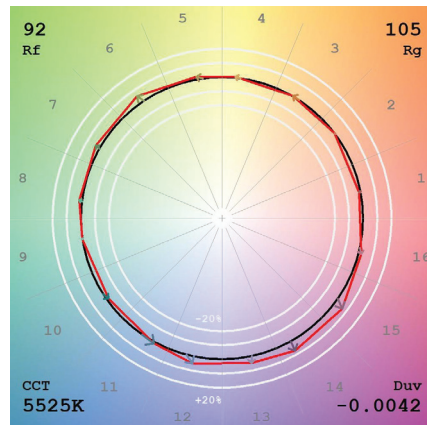
4000K (TruColor™ RGBTW)

View Angle: 2 Deg



5700K (TruColor™ RGBTW)

View Angle: 2 Deg



6500K (TruColor™ RGBTW)

View Angle: 2 Deg

