



Type(s)

Project

Date

Notes

## GENERAL INFORMATION

An LED luminaire crafted by lighting experts with a proven history of quality spot fixtures, ColorSource Spot V brings a richness of color, increased brightness, and leading technology at a price point you'll love. Featuring a five-color array of red, green, blue, indigo, and lime, the ColorSource Spot V provides soft pastels and bold saturated colors from a single fixture. Featuring wireless DMX/RDM control using Multiverse® technology, NFC configuration from your mobile device, and next level brightness, ColorSource Spot V is the ultimate in versatility.

### APPLICATIONS

- Theatres and performance spaces
- Houses of worship
- Universities and schools
- Hospitality
- Retail
- Exhibition centers
- Meeting rooms
- Clubs
- Cafetoriums

### PRODUCT FEATURES

- Five-color array (red, green, blue, indigo, and lime)
- Simple user interface with seven-segment display
- powerCON® TRUE1® TOP connector
- DMX/RDM in and thru (5-pin XLR)
- Multiverse wireless DMX/RDM
- NFC (near field communication) configuration
- LED droop compensation
- Optically calibrated
- Tour-ready, aluminum housing
- Combine with available adapters to transform your fixture into a fully functional Fresnel or CYC light

## ORDERING INFORMATION

### ColorSource Spot V Light Engine with Shutter Barrel

(For use with fixed-field lens tubes only)

| MODEL      | DESCRIPTION  | ETL PART NUMBER | CE PART NUMBER |  |
|------------|--|-----------------|----------------|--|
| CSSPOTVMVS | ColorSource Spot V with Multiverse, with shutter barrel, black | 7423A1011       | 7423M1211      |  |

### ColorSource Spot V Light Engine Body

(For use with zoom lens tubes and adapters and for retrofit of existing fixtures)

| MODEL     | DESCRIPTION  | ETL PART NUMBER | CE PART NUMBER |  |
|-----------|--|-----------------|----------------|--|
| CSSPOTVMV | ColorSource Spot V with Multiverse, body only, black | 7423A1010       | 7423A1210      |  |

Color options: -1 = white, -5 = silver gray, -8 = custom colors.

Also available without Multiverse wireless control. Contact your dealer for ordering information.

Fixture ships with a soft-focus diffuser in a gobo holder, a C-clamp, and a 1.5 m powerCON TRUE1 TOP power-input cable with a connector of choice. See page 5 for connector options.

Please note: Lens tubes to be ordered separately. C-clamps included in North America regions only.

## PRODUCT SPECIFICATIONS

## Source

|                                   |   |
|-----------------------------------|---|
| LED details                       | 60 Lumileds LUXEON® C and LUXEON Rebel LEDs |
| Max lumens                        | 9,498                                       |
| Lumens per watt                   | 48  |
| L70 rating (hours to 70% output)* | 54,000 hours                                |

## Color

|                         |                                |
|-------------------------|--------------------------------|
| Colors used             | Red, green, blue, indigo, lime |
| Color temperature range | Color mixing                   |
| Calibrated array        | Yes                            |
| Red shift               | No                             |

## Optical

|                                 |   |
|---------------------------------|---|
| Beam angle range                | Swappable lens tubes, 5–90 degrees            |
| Gate size                       | 80 mm   |
| Aperture size                   | 6.25–14 in (depending on lens tube)           |
| Pattern projection              | Yes   |
| Pattern size                    | A or B  |
| Camera flicker control/Hz range | 5,000 Hz (default) and 25,000 Hz (via RDM)    |
| Notes                           | Can be used with LED CYC and Fresnel adapters |

## Control

|                   |                                       |
|-------------------|---------------------------------------|
| Input method      | DMX512 via 5-pin XLR connector        |
| Protocols         | DMX512/RDM                            |
| Modes (footprint) | 4 modes, see page 4                   |
| RDM configuration | Yes                                   |
| UI type           | Seven-segment, three-button interface |
| Local control     | Yes                                   |
| Onboard presets   | Yes (12)                              |
| Onboard sequences | Yes (5)                               |
| Onboard effects   | No                                    |
| FixtureLink       | Yes                                   |
| Notes             | 15-bit virtual dimming engine         |

## Wireless

|                 |   |
|-----------------|---|
| Band            | 2.400–2.480 GHz   |
| Range           | 100 m indoors, 500 m line of sight (subject to conditions)  |
| Max receivers   | DMX: No limit<br>RDM: Varies by transmitter used<br>Multiverse SHoW Baby®: 585<br>Multiverse Transmitter: 5,000 |
| Broadcast power | 100 mW  |

## Electrical

|                                |   |
|--------------------------------|---|
| Voltage range                  | 100–240 VAC 50/60 Hz  |
| Input method                   | powerCON TRUE1 TOP power in and thru  |
| Inrush                         | 55 A at 120 V (First half-cycle)<br>59 A at 240 V (First half-cycle)          |
| Fixtures per circuit*          | 8 fixtures (R20 module or similar)  |
| Wattage typical / standby      | 199 W / 2 W at 100 V<br>197 W / 2 W at 120 V<br>194 W / 2 W at 240 V          |
| Current draw typical / standby | 2 A / 0.07 A at 100 V<br>1.65 A / 0.08 A at 120 V<br>0.90 A / 0.10 A at 240 V |

\*Note: All measurements are for 120 V, 60 Hz. Results may vary in different regions.

## Thermal

|                        |                         |
|------------------------|-------------------------|
| Ambient operating temp | 0°–40° C (32°–104° F)   |
| Fan (controllable)     | Yes (yes)               |
| Droop compensation     | Yes                     |
| dB range               | 24.4 dBA average at 1 m |
| BTUs/hour              | 672                     |

## Physical

|                      |   |
|----------------------|---|
| Materials            | Die-cast, all metal housing   |
| Color options        | Black, white, silver, or custom color   |
| Mounting options     | Yoke  |
| IP rating            | IP20  |
| Weight               | 7.7 kg (17 lb) (without lens)   |
| Included accessories | Hanging yoke, 1.5 m power cable, soft-focus diffuser in an A-size gobo holder |
| Notes                | See page 5 for power cable options  |

## Warranty

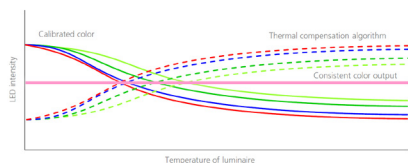
|           |          |
|-----------|----------|
| Fixture   | 5 years  |
| LED array | 10 years |

## Regulatory and Compliance

|                               |  |
|-------------------------------|--|
| Approved regulatory standards | cETLus Listed<br>Conforms to UL 1598 Listed<br>Conforms to UL 924 Listed<br>Certified to CSA C22.2 No. 250 Listed<br>Certified to CSA C22.2 No. 141 Listed<br>CE, UKCA, RCM, and CCC Compliant |
|-------------------------------|--|

All LED sources experience some lessening of light output and some color shift over time. LED output will vary with thermal conditions. In individual situations, LEDs will be used for different durations and levels. This can eventually lead to minor alterations in color performance, necessitating slight adjustments to presets, cues or programs.

## PRODUCT FEATURES

**LED DROOP COMPENSATION**

ETC's custom software adjusts for the changes that naturally occur as LEDs heat up and cool down so you never have to worry about color shift.

**RGBIL ARRAY**

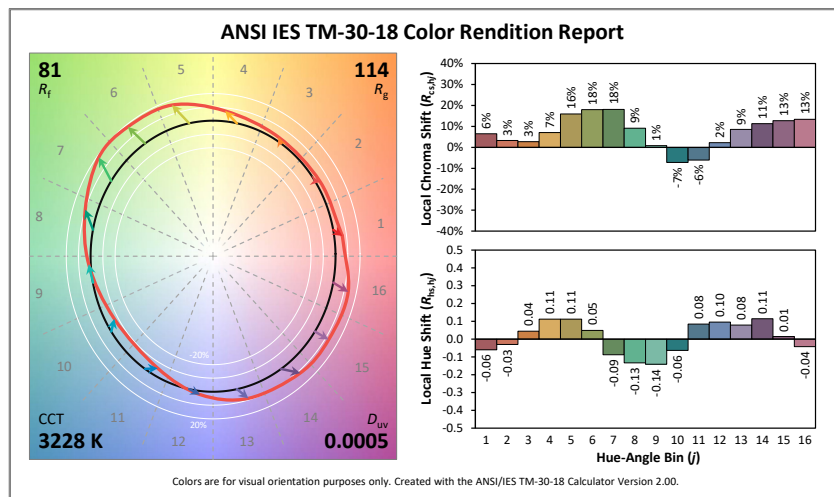
The custom five-color blend of LEDs incorporates indigo and lime to increase spectral reach and color depth.

**WIRELESS**

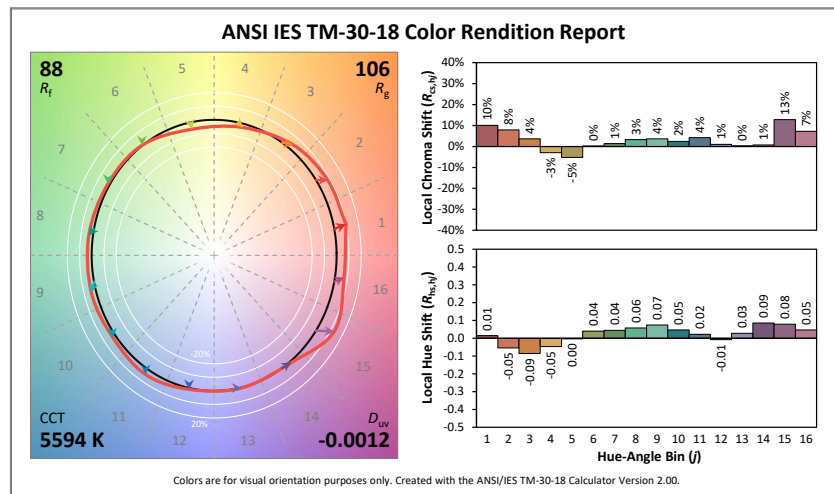
Multiverse gives you up to 10 universes of wireless DMX/RDM control. And NFC configuration is standard with ETC's free Set Light app on your mobile device.

## COLOR METRIC INFORMATION

## COLORSOURCE SPOT V 3200 K TM-30-18



## COLORSOURCE SPOT V 5600 K TM-30-18



## PHOTOMETRY INFORMATION

## Degrees and Lumens

| DEGREE  | MAXIMUM OUTPUT<br>FIELD LUMENS | DISTANCE TO ACHIEVE<br>50 FC |
|---------|--------------------------------|------------------------------|
| 5       | 5906                           | 36 m/118.1 ft                |
| 10      | 5615                           | 23.2 m/76 ft                 |
| 14      | 6690                           | 16.5 m/54 ft                 |
| 19      | 6031                           | 12.8 m/42 ft                 |
| 19 EDLT | 6863                           | 13.1 m/43 ft                 |
| 26      | 7086                           | 10.4 m/34.1 ft               |
| 26 EDLT | 8418                           | 11 m/36 ft                   |
| 36      | 7890                           | 8.1 m/26.5 ft                |
| 36 EDLT | 8145                           | 8.2 m/27 ft                  |
| 50      | 7864                           | 6.1 m/20 ft                  |
| 50 EDLT | 7980                           | 5.8 m/18.9 ft                |
| 70      | 9498                           | 4.6 m/15 ft                  |
| 90      | 9360                           | 4 m/13.1 ft                  |
| 15-30   | 9050                           | 7.6 m/25 ft                  |
| 25-50   | 7220                           | 11.3 m/37.2 ft               |

The MyETC: Photometrics app provides full photometry information. For information about the Photometrics app, visit [etcconnect.com/Apps/](http://etcconnect.com/Apps/).

## CONTROL

## DMX Input Channel Profiles

| DMX PROFILE                            | DMX CHANNELS | CHANNEL ASSIGNMENTS  | NOTES   |
|--|--------------|--|---|
| <b>Stn:</b> Standard<br>(Default mode) | 6            | 1–Intensity<br>2–Red<br>3–Green<br>4–Blue<br>5–Strobe<br>6–Fan                       | Indigo and Lime are mixed automatically.      |
| <b>RGB</b>                             | 3            | 1–Red<br>2–Green<br>3–Blue   |   |
| <b>1ch:</b> 1-channel                  | 1            | 1–Intensity  | This mode controls the intensity of Preset 1. |
| <b>Dir:</b> Direct                     | 8            | 1–Intensity<br>2–Red<br>3–Green<br>4–Blue<br>5–Indigo<br>6–Lime<br>7–Strobe<br>8–Fan |   |

## ADDITIONAL ORDERING INFORMATION

## Fixture Accessories

| MODEL   | DESCRIPTION  | PART NUMBER        |  |
|---------|--|--------------------|--|
| 400CC   | C-clamp (not included with CE fixtures)                | 7060A2009 (not CE) |  |
| 400SC   | Safety cable   | 7060A1022          |  |
| 400PH-A | Pattern holder (A size) (included)                     | 7060A1013          |  |
| 400PH-B | Pattern holder (B size)                                | 7060A1014          |  |
| 400PH-G | Glass pattern holder                                   | 7060A1019          |  |
| 400RS   | Drop-In iris   | 7060A1012          |  |
| 400CF   | Color frame, 159 mm (6.25 in)                          | 7060A3043          |  |
| 407CF   | Square color frame, 190 mm (7.5 in)                    | 7061A3007          |  |
| 400DN   | Donut  | 7060A1015          |  |
| 400TH   | Top hat, 159 mm (6.25 in)                              | PSF1021            |  |
| 400PTH6 | Top hat, 191 mm (7.5 in)                               | PSF1023            |  |
| 410TH   | Top hat, 305 mm (12 in ) (for 10° standard lens tubes) | PSF1024            |  |
| 405TH   | Top hat, 356 mm (14 in ) (for 5° standard lens tubes)  | PSF1025            |  |
| 400HH   | Half hat   | PSF10216           |  |

## Power Input Cables

Use information below to order 15 m (5 ft) power input leads with factory-fitted connectors. CE fixtures ship with powerCON TRUE1 TOP to bare end cables in the box.

| MODEL  | DESCRIPTION  | PART NUMBER (NOT CE) |  |
|--------|--|----------------------|--|
| T1PA-A | 1.5 m (5 ft) TRUE1 TOP to parallel blade U-ground (Edison) connector (ETL only)    | 2500B7029-A          |  |
| T1PA-B | 1.5 m (5 ft) TRUE1 TOP to 20 A two-pin and ground (stage-pin) connector (ETL only) | 2500B7029-B          |  |
| T1PA-C | 1.5 m (5 ft) TRUE1 TOP to grounded 20 A twistlock connector (ETL only)             | 2500B7029-C          |  |
| T1PA-X | 1.5 m (5 ft) TRUE1 TOP to bare-end power input lead (ETL only)                     | 2500B7029-X          |  |

## Power Thru Jumpers

Note: Power thru jumpers connect to a fixture's output (thru) connector to provide a link to successive fixtures.

| MODEL   | DESCRIPTION  | PART NUMBER |  |
|---------|--|-------------|--|
| T1PJ-5  | 1.5 m (5 ft) TRUE1 TOP to TRUE1 TOP fixture to fixture jumper (ETL only) | 2500B7030   |  |
| T1PJ-10 | 3 m (10 ft) TRUE1 TOP to TRUE1 TOP fixture to fixture jumper (ETL only)  | 2500B7031   |  |

## Diffusers

The Soft Focus Diffuser fits into a standard A-size pattern holder and delivers beautiful, homogenized light. You can also use the Soft Focus Diffuser with patterns for dappled and soft-edge projections.

The Smooth Wash Diffuser is used when extra-smooth blending of multiple ColorSource Spot V luminaires is required. The smooth wash diffuser is placed into the gel-frame slot of the lens tube.

| MODEL       | DESCRIPTION   | PART NUMBER |  |
|-------------|---|-------------|--|
| S4LED-SFD   | Soft Focus Diffuser (included)  | 7460A4019   |  |
| S4LED-SWD6  | Smooth Wash Diffuser for 159 mm (6.25 in) gel frame slots                             | 7460K1001   |  |
| S4LED-SWD7  | Smooth Wash Diffuser for 190 mm (7.5 in) gel frame slots                              | 7460K1002   |  |
| S4LED-SWD12 | Smooth Wash Diffuser for 305 mm (12 in) gel frame slots (for 10° standard lens tubes) | 7460K1003   |  |
| S4LED-SWD14 | Smooth Wash Diffuser for 356 mm (14 in) gel frame slots (for 5° standard lens tubes)  | 7460K1004   |  |

**Multiverse**

| Model   | Description  | Part Number |  |
|---------|--|-------------|--|
| CT-5900 | City Theatrical Multiverse SHoW Baby                     | 4360A1091   |  |
| CT-5902 | City Theatrical Multiverse Node 900 MHz / 2.4 GHz        | 4360A1092   |  |
| CT-5903 | City Theatrical Multiverse Node 2.4 GHz                  | 4360A1093   |  |
| CT-5910 | City Theatrical Multiverse Transmitter 900 MHz / 2.4 GHz | 4360A1094   |  |
| CT-5911 | City Theatrical Multiverse Transmitter 2.4 GHz           | 4360A1095   |  |
| CT-5912 | City Theatrical Multiverse Transmitter 900 MHz           | 4360A1096   |  |

**PREFERRED LENSING OPTIONS** (Lenses sold separately)**Fixed Beam Lenses**

| MODEL     | DESCRIPTION                        | PART NUMBER  |  |
|-----------|------------------------------------|--------------|--|
| LED50LT   | LED-specific 50° EDLT lens         | 7460A2008    |  |
| LED50LT-1 | LED-specific 50° EDLT (white) lens | 7460A2008-1  |  |
| 436EDLT   | 36° EDLT lens                      | 7060A2048    |  |
| 436EDLT-1 | 36° EDLT (white) lens              | 7060A2048-1  |  |
| 426EDLT   | 26° EDLT lens                      | 7060A2047    |  |
| 426EDLT-1 | 26° EDLT (white) lens              | 7060A2047-1  |  |
| 419EDLT   | 19° EDLT lens                      | 7060A2046    |  |
| 419EDLT-1 | 19° EDLT (white) lens              | 7060A2046-1  |  |
| 490LT     | 90° lens                           | 7060A2052-K  |  |
| 490LT-1   | 90° (white) lens                   | 7060A2052-1K |  |
| 470LT     | 70° lens                           | 7060A2051-K  |  |
| 470LT-1   | 70° (white) lens                   | 7060A2051-1K |  |
| 414LT     | 14° lens                           | 7060A2050-K  |  |
| 414LT-1   | 14° (white) lens                   | 7060A2050-1K |  |
| 410LT     | 10° lens                           | 7060A2001-K  |  |
| 410LT-1   | 10° (white) lens                   | 7060A2001-1K |  |
| 405LT     | 5° lens                            | 7060A2000-K  |  |
| 405LT-1   | 5° (white) lens                    | 7060A2000-1K |  |

**Zoom Lens Assemblies**

Use with light-engine body models.

| MODEL   | DESCRIPTION                   | PART NUMBER |  |
|---------|-------------------------------|-------------|--|
| 41530LT | Source Four 15°–30° Zoom lens | 7060A2030-K |  |
| 42550LT | Source Four 25°–50° Zoom lens | 7060A2032-K |  |

**LED Adapters**

| MODEL     | DESCRIPTION         | PART NUMBER |  |
|-----------|---------------------|-------------|--|
| S4LEDCYC  | LED CYC adapter     | 7460A2011   |  |
| S4LEDFRES | LED Fresnel adapter | 7460A2016   |  |

PHYSICAL

ColorSource Spot V Weights

|                | WEIGHT* |      | SHIPPING WEIGHT |      |
|----------------|---------|------|-----------------|------|
|                | kg      | lb   | kg              | lb   |
| With Barrel    | 7.7     | 17.0 | 10.0            | 22.0 |
| Without Barrel | 5.9     | 13.0 | 7.4             | 16.3 |

\* Does not include mounting hardware or lens tube

ColorSource Spot V Dimensions

|                    | HEIGHT |       | WIDTH |       | DEPTH |       |
|--------------------|--------|-------|-------|-------|-------|-------|
|                    | mm     | in    | mm    | in    | mm    | in    |
| ColorSource Spot V | 593    | 23.33 | 339   | 13.36 | 672   | 26.44 |

