



Date

Project

Fixture

Comments

GENERAL INFORMATION

The ETC ColorSource Spot jr brings a four-color light engine at a fraction of the cost and a fraction of the size. Using a mix of red, green, blue, and lime LED emitters, the ColorSource Spot jr offers an amazing range of color. This fixture is available in both Original and Deep Blue arrays, and features the same color integrity technology as ETC's other fixtures. Increasing the versatility of this fixture is its built-in zoom capabilities and 5,708 lumen output.

APPLICATIONS

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

PRODUCT FEATURES

- ETC's RGB-L array (red, green, blue and lime)
 - Also available in Deep Blue, which replaces the blue LEDs with indigo for rich, saturated blues and magentas
- Simple user interface with seven-segment display
- powerCON® in and thru
- DMX/RDM in and thru (5-pin XLR)
- LED droop compensation
- Optically calibrated
- Built-in zoom

ORDERING INFORMATION

ColorSource Spot jr Light Engine

MODEL	DESCRIPTION	ETL PART NUMBER	CE PART NUMBER	
CSSPOTJR2550	ColorSource Spot jr XLR, black	7416A1001	7416A1201	
CSSPOTJR2550-1	ColorSource Spot jr XLR, white	7416A1001-1	7416A1201-1	
CSSPOTJRDB2550	ColorSource Spot jr Deep Blue XLR, black	7416A1002	7416A1202	
CSSPOTJRDB2550-1	ColorSource Spot jr Deep Blue XLR, white	7416A1002-1	7416A1202-1	

Color options: -1 = white

Fixture ships with a 1.5 m powerCON power-input cable with a connector of choice. See page 9 for connector options.



PRODUCT SPECIFICATIONS

Source

LED details	52 Lumileds LUXEON® C LED
Max lumens	Standard: 5,708 Deep Blue: 5,426
Max lumens per watt	44.8
L70 rating (hours to 70% output)*	>54,000 hours (both variants)

Color

Colors used	Standard: Red, green, blue, lime Deep Blue: Red, green, indigo, lime
Color temperature range	Color mixing
Calibrated array	Yes
Red shift	No

Optical

Beam angle range	Built in 25-50 degree zoom
Gate size	50 mm
Aperture size	6.25" - 14"
Pattern projection	Yes
Pattern size	M (OD 66 mm, ID 48 mm), up to 2.03 mm (0.080 in) thick
Camera flicker control/Hz range	1,200 Hz (default) and 25,000 Hz (via RDM)

Control

Input method	DMX512 via 5-pin XLR
Protocols	DMX512/RDM
Modes (footprint)	4 modes, see page 10
RDM configuration	Yes
UI type	Seven-segment, three-button interface
Local control	Yes
Onboard presets	Yes (12)
Onboard sequences	Yes (5)
Onboard effects	No
Fixture-to-fixture control	Yes
Notes	15-bit virtual dimming engine

Electrical

Voltage range	100–240 VAC 50/60 Hz
Input method	powerCON power in and thru
Inrush	35 A at 120 V (First half-cycle) 45 A at 240 V (First half-cycle)
Fixtures per circuit	7 fixtures (15 A power thru connector) or 8 fixtures (R20 module or similar)
Wattage typical/standby	166 W / 2.6 W at 120 V 162 W / 2.0 W at 240 V
Current draw	1.59 A at 120 V 0.87 A at 240 V

Thermal

Ambient operating temp	0°–40° C (32°–104° F)
Fan (controllable)	Yes (no)
Droop compensation	Yes
dB range	Pending
BTUs/hour	549

Physical

Materials	ABS plastic
Color options	Black or white
Mounting options	Yoke
IP rating	IP20
Weight	5.4 kg (12 lb)
Included accessories	Hanging yoke, 1.5 m power cable
Notes	See page 9 for power cable options

Warranty

Fixture	5 years
LED array	10 years

Regulatory and Compliance

Approved regulatory standards	cETLus Listed Conforms to UL 1598 Listed Certified to CSA C22.2 No. 250 Listed CE Compliant
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***Note about LED luminaire lifetime:**

For information on lifetime testing, visit: etconnect.com/About/News/ETC-Fixture-Ratings-and-Warranties-Extended.aspx.

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.