



GENERAL INFORMATION

Source 4WRD (Watt Reduction Device) LED is a replacement for a standard Source Four® burner assembly that will convert the HPL source to a white-light LED and provides a significant reduction in power consumption. The simple and quick upgrade is nondestructive and takes less than a minute. In most cases it can even be done without breaking the fixture’s focus. Source 4WRD LED is theatrically dimmable via DMX or line dimmable, with a traditional LED curve, to allow flexibility for your installation. And, because it is an LED source, your fixtures will run cool and efficiently without lamp replacements.

APPLICATIONS

- Energy saving retrofits
- Houses of worship
- Universities and schools
- Hospitality
- Retail
- Exhibition centers
- Meeting rooms
- Clubs
- Cafeteriums
- Theaters

ORDERING INFORMATION

Source 4WRD

MODEL	DESCRIPTION
S4WRD	Source 4WRD Retrofit Kit
S4WRDFB*	Source 4WRD w/ Spot Fixture Body
S4WRDGG	Source 4WRD Gallery (90+ CRI) Retrofit Kit
S4WRDGGFB*	Source 4WRD Gallery (90+ CRI) w/ Spot Fixture Body
S4WRDDG	Source 4WRD Daylight Gallery (90+ CRI) Retrofit Kit

\*S4WRDFB ships with a fixture body, barrel and c-clamp. Lens tubes are sold separately.

Connector Designation

Use suffixes below to specify factory-fitted connector type

MODEL	DESCRIPTION
-A	Parallel-blade U-ground connector
-B	Two-pin and ground, 20 amp connector
-C	Grounded, 20 amp, Twistlock® connector

See back page for Source Four Accessories



## PRODUCT SPECIFICATIONS

## Source

LED details	S4WRD LED
Max lumens	9,909 / 7,440 / 8,601 (3000K / 3000K Gallery / Daylight Gallery)
Lumens per watt	63.9 / 48.0 / 55.5 (3000K / 3000K Gallery / Daylight Gallery)
L70 rating (hours to 70% output)	60,000 hours

## Color

Colors Used	Warm or Cool White
Color temperature range	3000K 80 or 90+ CRI, 5600K 90+ CRI
Calibrated array	No
Red shift	No

## Optical

Field angle range	5° - 90°
Gate size	79.24mm
Aperture size	Lens dependent
Pattern projection	Yes
Pattern size	A or B (see manual)
Camera flicker control/Hz range	No, not PWM dimmed

## Control

Input method	Line Voltage with DMX Control or Line Dimmed
Protocols	DMX via RJ45
Modes (Footprint)	1 Channel (Intensity) for DMX
RDM configuration	Yes
UI type	7-segment address display
Local control	Yes
Onboard presets	No
Onboard sequences	No
Onboard effects	No
Fixture to fixture control	No
Notes	Local level control via UI

## Electrical

Voltage range	114V - 125V, 60Hz
Input method	Hard wired, 1-meter cord, Edison plug
Inrush	30A (first half-cycle) at 120V
Fixtures per circuit	14 (20A switched circuit, R20 module or similar)
Wattage (Typical/Standby)	155W/1.2W
Current draw	1.35A at 120V
Notes	When using line dimming, see the S4WRD Manual for dimmer setup When using line dimming, standby power is 0W

## Thermal

Ambient operating temp	5-50° C (41-122° F)
Fan (controllable)	Yes (no)
Droop compensation	No
dB range	28dBa (average at 1 meter)
BTUs/hour	529

## Physical

Materials	Die-cast aluminum
Color options	Black, white, silver or custom color
Mounting options	Yoke
IP rating	IP-20, indoor only
Weight	3.73 lbs (1.69 kg)
Included accessories	Fixture body, barrel, c-clamp
Notes	See accessories list for power cable options Included accessories are only for fixture body (FB) model numbers

## Warranty

Retrofit Kit	Three years
--------------	-------------

PRODUCT FEATURES



**EASY LED RETROFIT**

Designed to turn any Source Four incandescent fixture into an LED fixture in seconds



**MULTIPLE OPTIONS**

Available in both 3000K and 5600K color temperatures

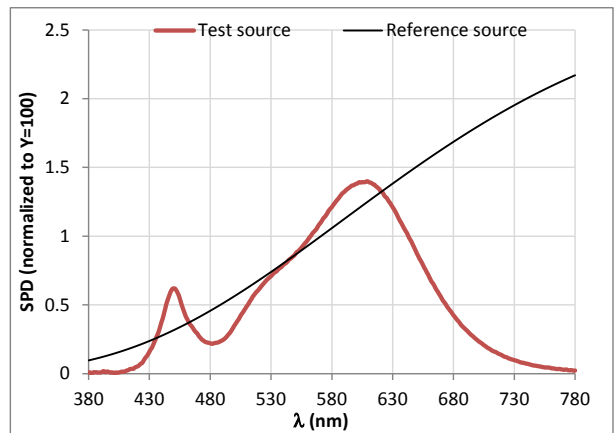
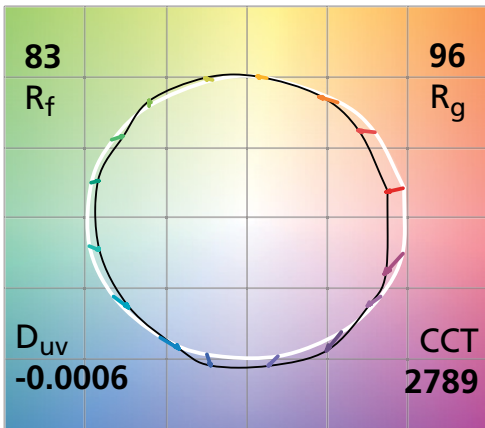


**IMPRESSIVE OUTPUT**

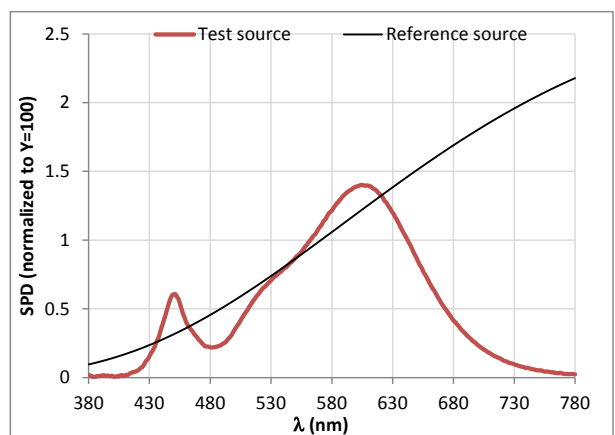
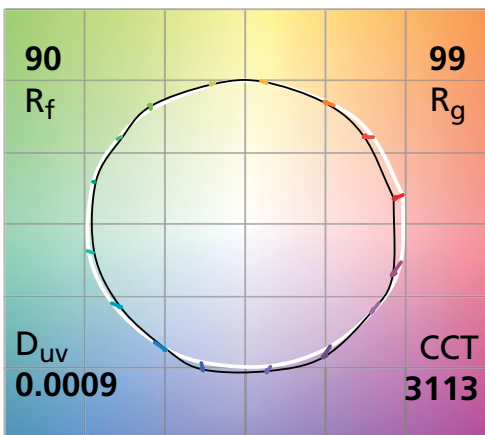
Output is as bright or brighter than a 575-watt extended life HPL lamp

COLOR METRIC INFORMATION

**TM-30-15 - 80CRI**

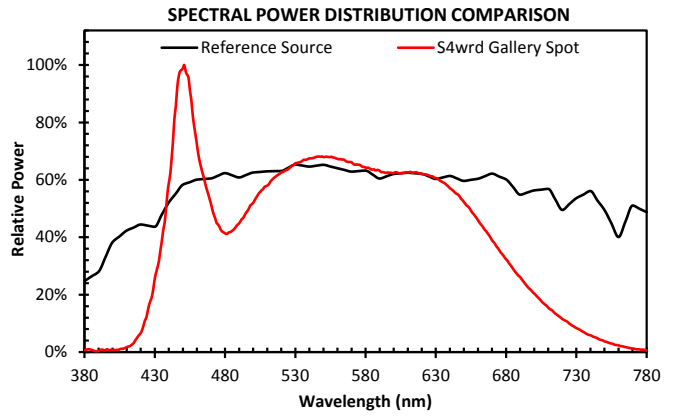
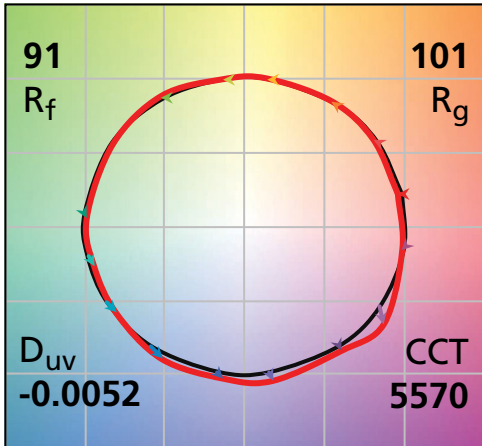


**TM-30-15 - GALLERY 90CRI**



COLOR METRIC INFORMATION

TM-30-15 - DAYLIGHT GALLERY 90CRI



Additional Color Metrics

	STANDARD	GALLERY	DAYLIGHT GALLERY
CRI $R_g$ ( $R_g$ )	81 (9)	92 (59)	93 (73)
TLCI	66	92	95

## PHOTOMETRICS

For full Source 4WRD photometry data, please view the Source 4WRD Photometry Guide at [etcconnect.com](http://etcconnect.com)

DEG	S4WRD LED LUMENS	S4WRD LED GALLERY LUMENS	S4WRD LED DAYLIGHT GALLERY LUMENS	HPL 575W/120X LUMENS	HPL 750W/115V LUMENS
5	6,577	4,938	5,708	5,247	9,370
10	7,482	5,617	6,493	6,678	11,925
14	7,696	5,778	6,679	7,196	12,850
19	6,818	5,119	5,918	6,261	11,180
19 EDLT	8,008	6,012	6,950	7,287	13,012
26	7,597	5,704	6,594	7,666	13,690
26 EDLT	9,502	7,134	8,248	8,631	15,412
36	8,959	6,726	7,775	7,974	14,240
36 EDLT	9,006	6,762	7,817	7,992	14,271
50	8,652	6,496	7,509	7,829	13,980
50 EDLT	8,446	6,341	7,330	8,085	14,437
70	9,909	7,440	8,601	9,033	16,130
90	9,843	7,390	8,543	7,395	13,205

## ORDERING INFORMATION

Continued from front page...

**Source Four Accessories**

MODEL	DESCRIPTION
400CC	C-clamp
400PH-A	Pattern holder (A size)
400PH-B	Pattern holder (B size)
400PH-G	Glass pattern holder
400SC	Safety cable
400RS	Drop-in iris
400CF	Colorframe (6.25")
400DN	Donut (6.25")
400TH	Top hat
400HH	Half hat
400GE	Gel extender (Recommended for 19° and 26° only)
407GE	Conical gel extender (requires 407CF below)
407CF	7.5" Square color frame (required for 14°, 70°, 90° and 407GE)
400FB	Source Four fixture body, single clutch
W6538	RJ45 to Female 5-pin XLR adapter
W6539	RJ45 to Male 5-pin XLR adapter
N4086	RJ45 DMX Terminator

Note: For colors other than black or white, please call ETC.

**Lens Tubes**

MODEL	DESCRIPTION
490LT	90° Lens tube with lens installed, Black
470LT	70° Lens tube with lens installed, Black
450LT	50° Lens tube with lens installed, Black
436LT	36° Lens tube with lens installed, Black
426LT	26° Lens tube with lens installed, Black
419LT	19° Lens tube with lens installed, Black
414LT	14° Lens tube with lens installed, Black
410LT	10° Lens tube with lens installed, Black
405LT	5° Lens tube with lens installed, Black
450EDLT	50° EDLT Lens tube with lens installed, Black
436EDLT	36° EDLT Lens tube with lens installed, Black
426EDLT	26° EDLT Lens tube with lens installed, Black
419EDLT	19° EDLT Lens tube with lens installed, Black

PHYSICAL

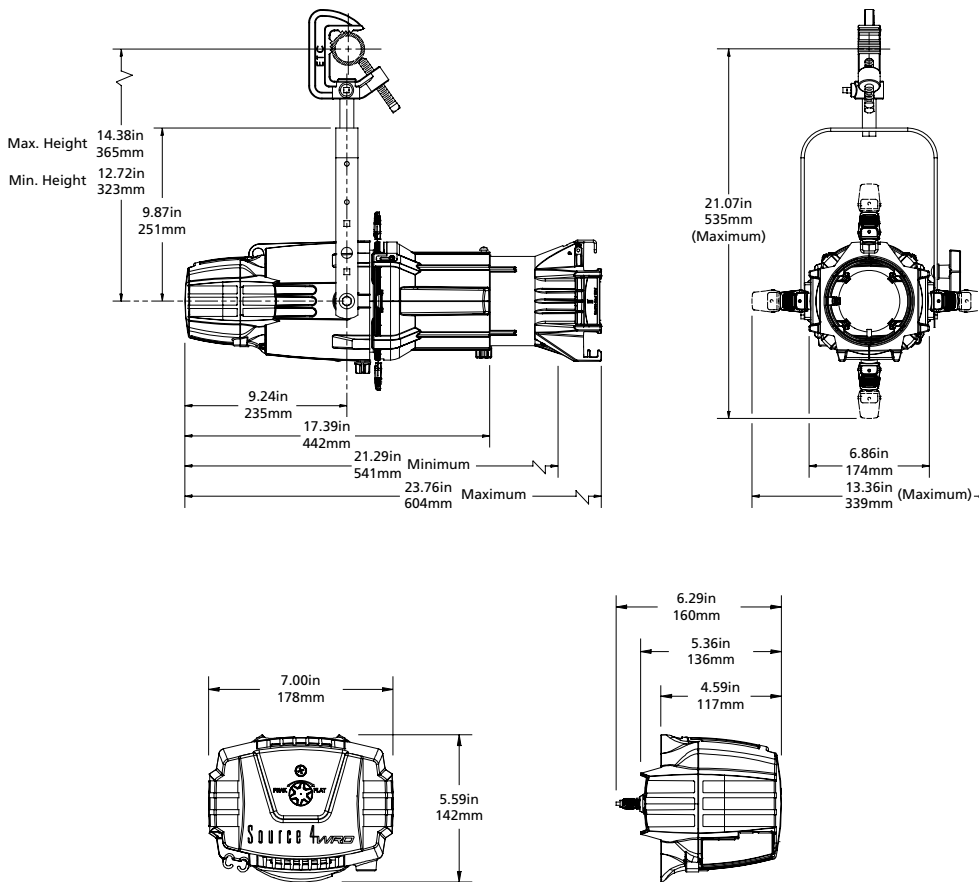
Source 4WRD Dimensions

MODEL	HEIGHT		WIDTH		DEPTH	
	In	mm	In	mm	In	mm
S4WRD/S4WRDGD/S4WRDDG	5.59	142	7.00	178	6.29	160
S4WRDFB/S4WRDGF with 26 deg. lens	21.07	535	13.36	339	23.76	604

Source 4WRD Weights\*

MODEL	WEIGHT		SHIPPING WEIGHT	
	lb	kg	lb	kg
S4WRD/S4WRDGD/S4WRDDG	3.73	1.69	4.25	1.93
S4WRDFB/S4WRDGF (no lens)	13.2	5.99	14	6.35

\*Source 4WRD adds 2.05 lbs to the total fixture weight over a standard burner assembly.



**Corporate Headquarters** • 3031 Pleasant View Rd, PO Box 620979, Middleton WI 53562 0979 USA • +1 608 831 4116  
**London, UK** • Unit 26-28, Victoria Industrial Estate, Victoria Road, London W3 6JU, UK • +44 (0) 20 8896 1000  
**Rome, IT** • Via Pieve Torina, 48, 00156 Rome, Italy • +39 (06) 32 111 683  
**Holzkirchen, DE** • Ohmstrasse 3, 83607 Holzkirchen, Germany • +49 (80 24) 47 00-0  
**Hong Kong** • Room 1801, 18/F, Tower 1 Phase 1, Enterprise Square, 9 Sheung Yuet Road, Kowloon Bay, Kowloon, Hong Kong • +852 2799 1220  
**Web** • etconnect.com • Copyright©2018 ETC. All Rights Reserved. All product information and specifications subject to change. 7067L1001 Rev F 03/18