



GENERAL INFORMATION

The Source 4WRD II PAR and PARNeI Fixture Bodies allow you to transform your Source 4WRD II LED into a beautiful softlight. Taking advantage of the great energy efficiency, cool operating temperatures, DMX dimming or line voltage dimming and no lamp changes, the Source 4WRD PAR and PARNeI deliver an amazing output without compromise.

APPLICATIONS

- Houses of worship
- Universities and schools
- Hospitality
- Retail
- Exhibition centers
- Meeting rooms
- Clubs

PRODUCT FEATURES

- Fixture bodies for use with Source 4WRD II LED
- Works just like a Source Four PAR or PARNeI, using the same accessories
- 155 W at full output
- Brighter than the 750 W HPL versions
- Uses same Source 4WRD II LED as the Source 4WRD II ellipsoidal

ORDERING INFORMATION

S4WRD PAR and PARNeI Fixture Bodies

MODEL	DESCRIPTION	CE PART NUMBER	
S4WRDPAR	S4WRD II PAR Fixture Body, Black	7067A1109	
S4WRDPARNeI	S4WRD II PARNeI Fixture Body, Black	7067A1110	

Color Options: Fixture body ships standard in black. For additional colors please use the below color code suffix:

Add -1 for white.

Notes: Source 4WRD II LED sold separately.

SOURCE 4WRD II PAR AND PARNeI FIXTURES SHIP WITH:

- Color frame
- PAR ships with AR coated flat lens (other lenses sold separately)
- PARNeI ships with PARNeI lenses

PRODUCT SPECIFICATIONS

All LED information is for the entire fixture. Source 4WRD II 230 V retrofit is ordered separately.

Source

LED details	S4WRD LED (48 Cree LEDs) *Not Included*
Max lumens	10,569 (PAR), 9,909 (PARNeI) w/ S4WRD
Lumens per watt	68 (PAR), 63 (PARNeI)
L70 rating (hours to 70% output)	>45,000 hours (LM84 test pending)
Notes	S4WRD LED sold separately

Color

Colors used	Warm or Cool White
Color temperature range	3200 K 80 or 90+ CRI, 5900 K 90+ CRI
Calibrated array	No
Red shift	No
Notes	S4WRD is available in 80+ CRI (Standard) and 90+ CRI (Gallery) - See S4WRD II 230 V datasheet for details

Optical

Beam angle range	PAR: 19.5°–62° PARNeI: 25°–46°
Gate size	N/A
Aperture size	7 in
Pattern projection	No
Pattern size	N/A
Camera flicker control/ Hz range	No
Notes	PAR ships with an AR coated flat lens. Additional PAR lenses sold separately. PARNeI ships with PARNeI lenses.

Control

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

Electrical

Voltage range	209–252 V, 50 Hz (230 V)
Input method	Hard-wired, 1 m cord, bare end (230 V)
Inrush	12 A (first half-cycle) at 230 V
Fixtures per circuit	6 fixtures per non-dimmed circuit (ER15AFR module)
Wattage (Typical/ Standby)	175 W / 3.7 W (230 V)
Current draw	0.75 A at 230 V
Notes	When using line dimming, see the S4WRD Manual for dimmer setup When using line dimming, standby power is 0 W

Thermal

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

Physical

Materials	Die-cast aluminum
Color options	Black, white, silver or custom color
Mounting options	Yoke
IP rating	IP-20
Weight	PAR: 3.0 kg (6.6 lb) PARNeI: 3.5 kg (7.7 lb)
Included accessories	Color frame
Notes	Includes S4WRD mounting post. Required S4WRD LED available separately

Warranty

Fixture body	5 years
LED array	10 years

Regulatory and Compliance

Approved regulatory standards	CE Compliant
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PRODUCT FEATURES



BRIGHT!

Brighter than a 750 W fixture while using 1/5 the power.

USES YOUR EXISTING ACCESSORIES

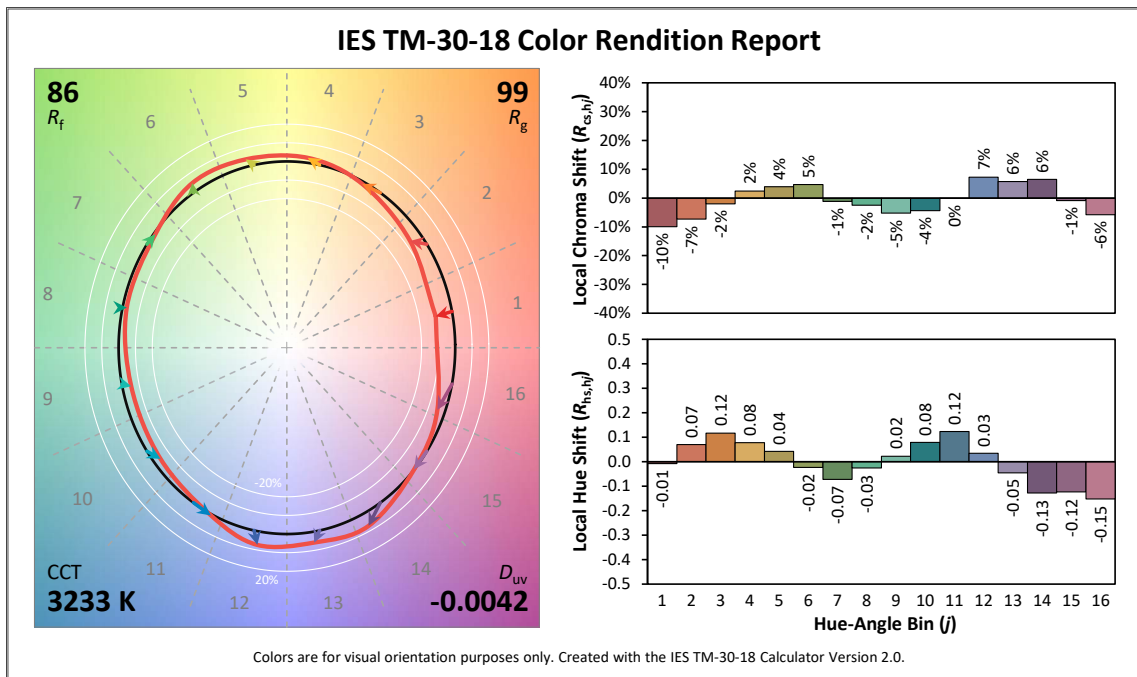
Works just like a Source Four PAR and PARNel.

INTERCHANGEABLE WITH S4 PROFILES

You can interchange your Source 4WRD LED sources between your Source Four profile fixtures and your Source 4WRD PAR and PARNel fixture bodies.

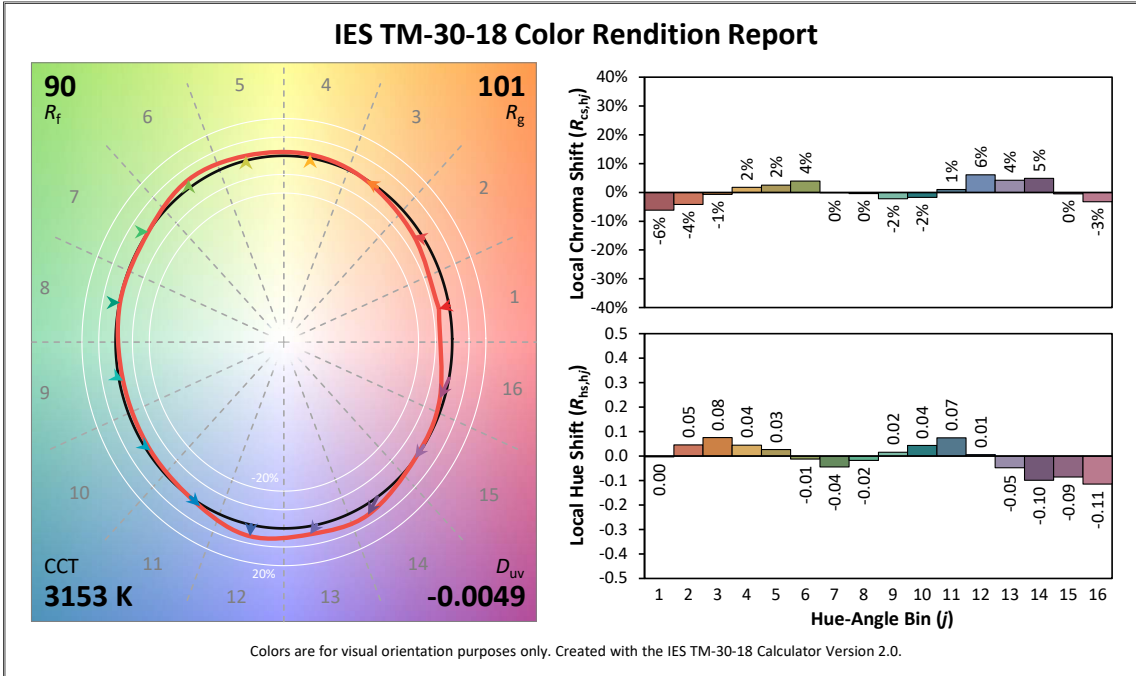
COLOR METRIC INFORMATION

SOURCE 4WRD 230 V 3200 K TM-30-18 - 80CRI

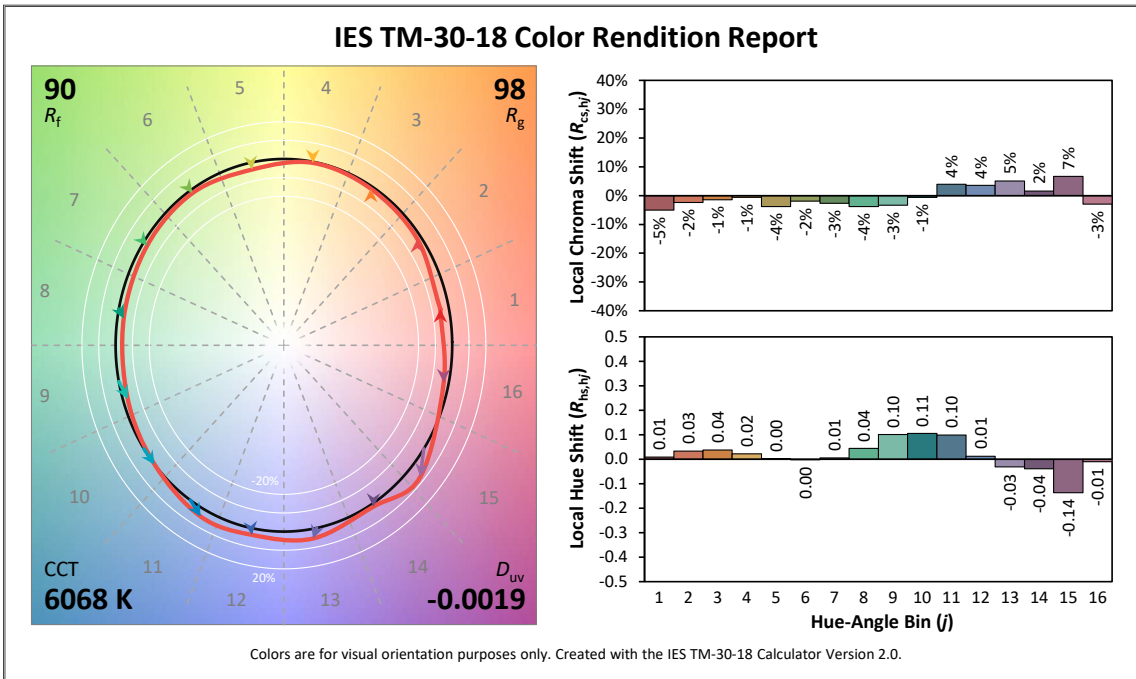


COLOR METRIC INFORMATION

SOURCE 4WRD II GALLERY 230 V 3200 K 90CRI



SOURCE 4WRD II DAYLIGHT GALLERY 230 V 5900 K 90CRI



Additional Color Metrics

	STANDARD	GALLERY	DAYLIGHT GALLERY
CRI R _a (R ₉)	81 (9)	92 (59)	93 (73)
TLCI	66	92	95

ORDERING INFORMATION

Continued from front page...

Accessories

MODEL	DESCRIPTION	CE PART NUMBER
S4WRDT230	Source 4WRD Retrofit Kit	7067A1200
S4WRDTG230	Source 4WRD Gallery (90+ CRI) Retrofit Kit	7067A1201
S4WRDDG230	Source 4WRD Daylight Gallery (90+ CRI) Retrofit Kit	7067A1202
407CF	7.5" Square color frame (required for 14°, 70°, 90° and Zoom lenses)	7061A3007
400SC	Safety Cable	7060A1022
400-VNSP	Very Narrow Spot lens	7061A4002
400-NSP	Narrow Spot lens	7061A4003
400-MFL	Medium Flood lens	7061A4005
400-WFL	Wide Flood lens	7061A4006
400-LS4	Set of four Source Four PAR lenses (VNSP, NSP, MFL, WFL)	7061A1013
400-XWFL	Extra Wide Flood lens	7061A1042
400PTH3	Top hat, 3 in	PSF1022
400PTH6	Top hat, 6 in	PSF1023
400PHH	Half hat	PSF1027
400XBTH	Cross baffle top hat	PSF1031
400L	Egg crate louver	PSF1028
S4WRDACCKIT	Data Accessory Kit, Includes W6538, W6539 & N4086	7067K1001
W6538	RJ45 to Female 5-pin XLR adapter	W6538
W6539	RJ45 to Male 5-pin XLR adapter	W6539
N4086	RJ45 DMX Terminator	N4086

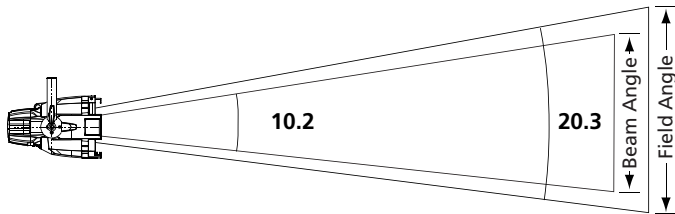
Note: For colors other than black or white, please call ETC.

PHOTOMETRY INFORMATION

Source 4WRD II PAR with AR Coated Flat Lens

Model	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Lumens Per Watt
80 CRI	20.3	323,486	11,572	5,135	152	76.1
Gallery 90 CRI	20.3	275,230	9,846	4,369	149	66.1
Daylight 80 CRI	20.3	292,715	10,472	4,647	152	68.9

Metric conversions: For meters, multiply feet by 0.3048.
For lux, multiply footcandles by 10.76.



Throw Distance (d)	10 ft	15 ft	20 ft	25 ft	569.0 ft
	3.0 m	4.6 m	6.1 m	7.6 m	173.4 m
Field Diameter	3.6 ft	5.4 ft	7.2 ft	9.0 ft	-
	1.1 m	1.6 m	2.2 m	2.7 m	-
Illuminance (fc)	3,238	1,439	810	518	1
Illuminance (lux)	34,854	15,490	8,713	5,577	10.76

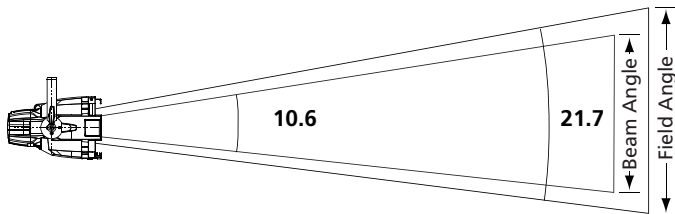
To determine center beam illumination in footcandles at any throw distance, divide candela by the throw distance squared.

For field diameter at any distance, multiply distance by 0.358.
For beam diameter at any distance, multiply by 0.178.

Source 4WRD II PAR with VNSP Lens

Model	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Lumens Per Watt
80 CRI	21.7	281,019	10,927	5,106	152	71.9
Gallery 90 CRI	21.7	239,105	9,297	4,344	149	62.4
Daylight 80 CRI	21.7	254,295	9,888	4,620	152	65.1

Metric conversions: For meters, multiply feet by 0.3048.
For lux, multiply footcandles by 10.76.

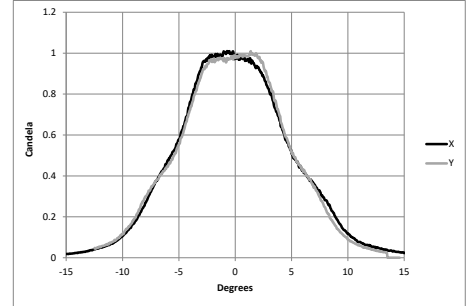


Throw Distance (d)	10 ft	15 ft	20 ft	25 ft	530.4 ft
	3.0 m	4.6 m	6.1 m	7.6 m	161.7 m
Field Diameter	3.8 ft	5.7 ft	7.7 ft	9.6 ft	-
	1.2 m	1.8 m	2.3 m	2.9 m	-
Illuminance (fc)	2,813	1,250	703	450	1
Illuminance (lux)	30,279	13,457	7,570	4,845	10.76

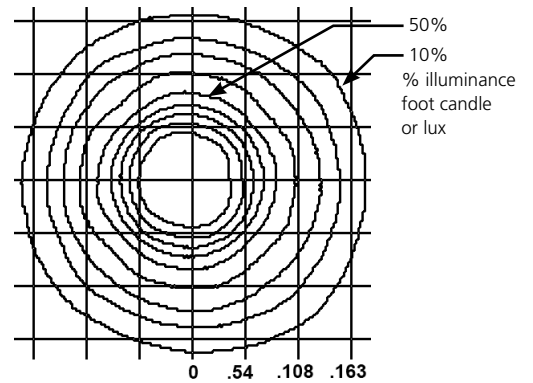
To determine center beam illumination in footcandles at any throw distance, divide candela by the throw distance squared.

For field diameter at any distance, multiply distance by 0.383.
For beam diameter at any distance, multiply by 0.186.

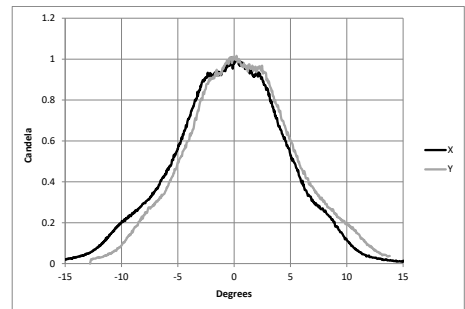
Candela Plot



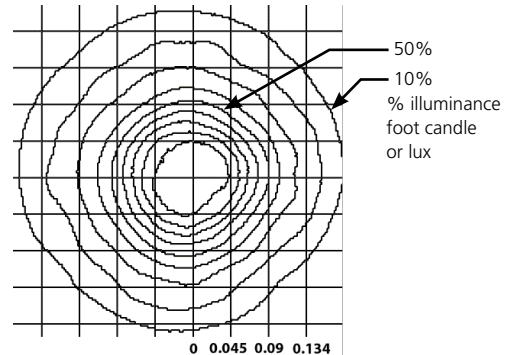
Iso-Illuminance Diagram (Flat Surface Distribution)



Candela Plot



Iso-Illuminance Diagram (Flat Surface Distribution)

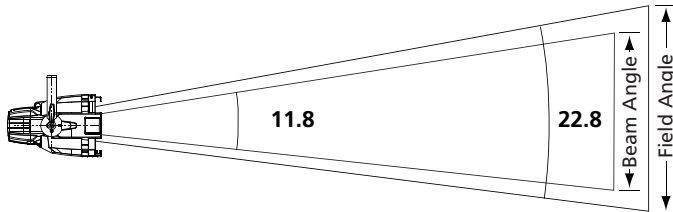


PHOTOMETRY INFORMATION

Source 4WRD II PAR with NSP Lens

Lens	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Lumens Per Watt
80 CRI	22.8	239,061	10,768	5,344	152	70.8
Gallery 90 CRI	22.8	203,405	9,162	4,547	149	61.5
Daylight 80 CRI	22.8	216,327	9,744	4,835	152	64.1

Metric conversions: For meters, multiply feet by 0.3048.
For lux, multiply footcandles by 10.76.



Throw Distance (d)	10 ft	15 ft	20 ft	25 ft	489.2 ft
	3.0 m	4.6 m	6.1 m	7.6 m	149.1 m
Field Diameter	4.0 ft	6.0 ft	8.1 ft	10.1 ft	-
	1.2 m	1.8 m	2.5 m	3.1 m	
Illuminance (fc)	2,393	1,064	598	383	1
Illuminance (lux)	25,758	11,448	6,440	4,121	10.76

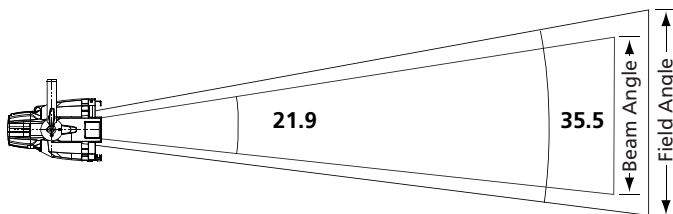
To determine center beam illumination in footcandles at any throw distance, divide candela by the throw distance squared.

For field diameter at any distance, multiply distance by 0.403.
For beam diameter at any distance, multiply by 0.207.

Source 4WRD II PAR 80 CRI with MFL Lens

Lens	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Lumens Per Watt
80 CRI	35.5	109,790	10,818	6,381	152	71.2
Gallery 90 CRI	35.5	93,415	9,205	5,429	149	61.8
Daylight 80 CRI	35.5	99,350	9,789	5,774	152	64.4

Metric conversions: For meters, multiply feet by 0.3048.
For lux, multiply footcandles by 10.76.

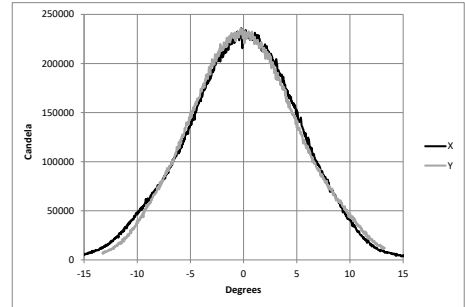


Throw Distance (d)	10 ft	15 ft	20 ft	25 ft	331.5 ft
	3.0 m	4.6 m	6.1 m	7.6 m	101.0 m
Field Diameter	6.4 ft	9.6 ft	12.8 ft	16.0 ft	-
	2.0 m	2.9 m	3.9 m	4.9 m	
Illuminance (fc)	1,099	488	275	176	1
Illuminance (lux)	11,830	5,258	2,957	1,893	10.76

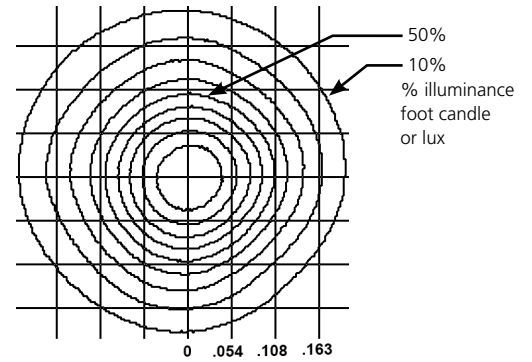
To determine center beam illumination in footcandles at any throw distance, divide candela by the throw distance squared.

For field diameter at any distance, multiply distance by 0.640.
For beam diameter at any distance, multiply by 0.387.

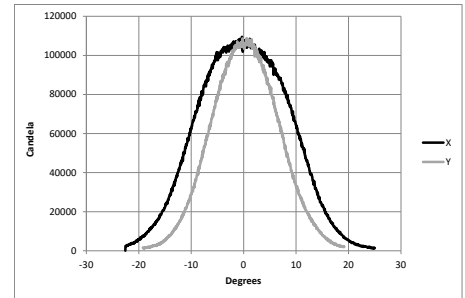
Candela Plot



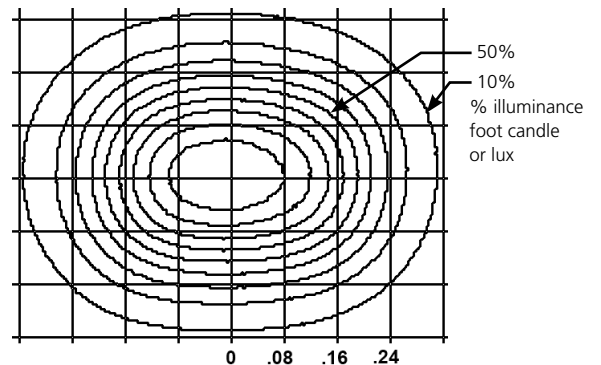
Iso-Illuminance Diagram (Flat Surface Distribution)



Candela Plot



Iso-Illuminance Diagram (Flat Surface Distribution)

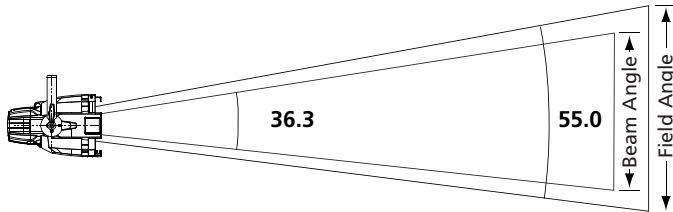


PHOTOMETRY INFORMATION

Source 4WRD II PAR with WFL Lens

Model	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Lumens Per Watt
80 CRI	55.0	41,259	10,694	6,547	152	70.4
Gallery 90 CRI	55.0	35,105	9,099	5,571	149	61.1
Daylight 80 CRI	55.0	37,335	9,677	5,925	152	63.7

Metric conversions: For meters, multiply feet by 0.3048.
For lux, multiply footcandles by 10.76.



Throw Distance (d)	10 ft	15 ft	20 ft	25 ft	203.2 ft
	3.0 m	4.6 m	6.1 m	7.6 m	61.9 m
Field Diameter	10.4 ft	15.6 ft	20.8 ft	26.0 ft	-
	3.2 m	4.8 m	6.3 m	7.9 m	
Illuminance (fc)	413	184	103	66	1
Illuminance (lux)	4,445	1,976	1,111	711	10.76

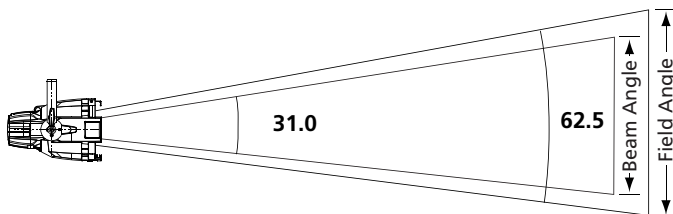
To determine center beam illumination in footcandles at any throw distance, divide candela by the throw distance squared.

For field diameter at any distance, multiply distance by 1.041
For beam diameter at any distance, multiply by 0.656.

Source 4WRD II PAR with XWFL Lens

Model	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Lumens Per Watt
80 CRI	62.5	24,875	7,377	3,034	152	48.5
Gallery 90 CRI	62.5	21,165	6,276	2,581	149	42.1
Daylight 80 CRI	62.5	22,510	6,675	2,745	152	43.9

Metric conversions: For meters, multiply feet by 0.3048.
For lux, multiply footcandles by 10.76.

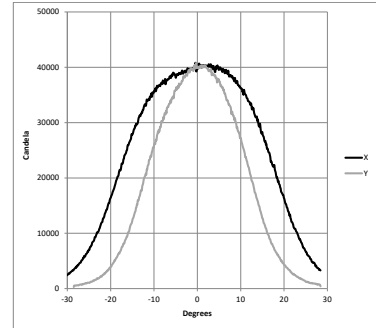


Throw Distance (d)	10 ft	15 ft	20 ft	25 ft	157.8 ft
	3.0 m	4.6 m	6.1 m	7.6 m	48.1 m
Field Diameter	12.1 ft	18.2 ft	24.3 ft	30.3 ft	-
	3.7 m	5.5 m	7.4 m	9.2 m	
Illuminance (fc)	249	111	62	40	1
Illuminance (lux)	2,680	1,191	670	429	10.76

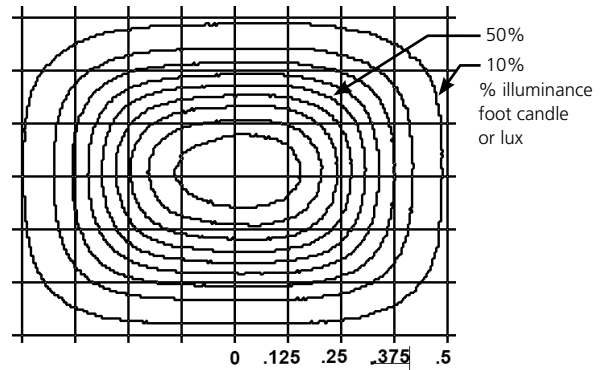
To determine center beam illumination in footcandles at any throw distance, divide candela by the throw distance squared.

For field diameter at any distance, multiply distance by 1.214.
For beam diameter at any distance, multiply by 0.555.

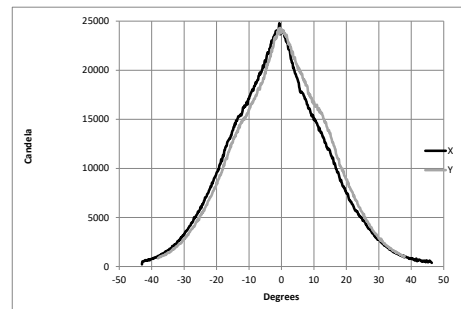
Candela Plot



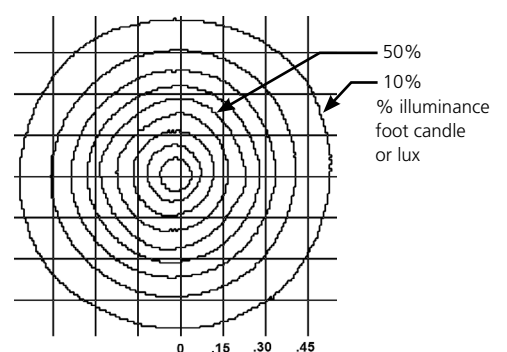
Iso-Illuminance Diagram (Flat Surface Distribution)



Candela Plot



Iso-Illuminance Diagram (Flat Surface Distribution)

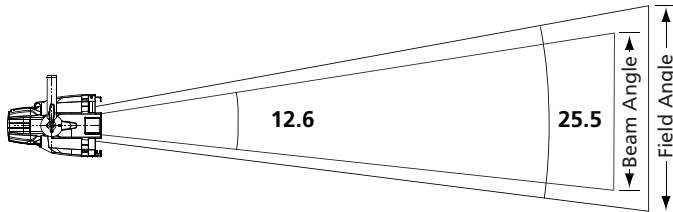


PHOTOMETRY INFORMATION

Source 4WRD II PARnel Spot

Model	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Lumens Per Watt
80 CRI	25.5	174,825	9,345	4,613	152	61.5
Gallery 90 CRI	25.5	148,750	7,951	3,925	149	53.4
Daylight 80 CRI	25.5	158,200	8,456	4,175	152	55.6

Metric conversions: For meters, multiply feet by 0.3048.
For lux, multiply footcandles by 10.76.



Throw Distance (d)	10 ft	15 ft	20 ft	25 ft	418.3 ft
	3.0 m	4.6 m	6.1 m	7.6 m	127.5 m
Field Diameter	4.5 ft	6.8 ft	9.1 ft	11.3 ft	-
	1.4 m	2.1 m	2.8 m	3.4 m	
Illuminance (fc)	1,750	778	438	280	1
Illuminance (lux)	18,837	8,372	4,709	3,014	10.76

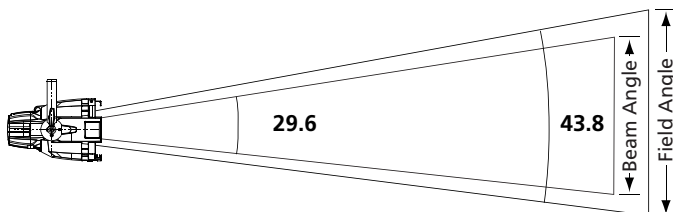
To determine center beam illumination in footcandles at any throw distance, divide candela by the throw distance squared.

For field diameter at any distance, multiply distance by 0.453.
For beam diameter at any distance, multiply by 0.221.

Source 4WRD II PARnel Flood

Model	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Lumens Per Watt
80 CRI	43.8	49,451	10,775	7,302	152	70.9
Gallery 90 CRI	43.8	42,075	9,168	6,213	149	61.5
Daylight 80 CRI	43.8	44,748	9,751	6,607	152	64.1

Metric conversions: For meters, multiply feet by 0.3048.
For lux, multiply footcandles by 10.76.

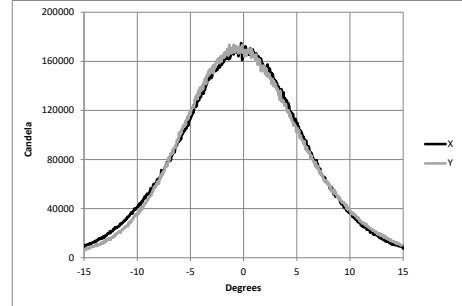


Throw Distance (d)	10 ft	15 ft	20 ft	25 ft	222.5 ft
	3.0 m	4.6 m	6.1 m	7.6 m	67.8 m
Field Diameter	8.0 ft	12.1 ft	16.1 ft	20.1 ft	-
	2.5 m	3.7 m	4.9 m	6.1 m	
Illuminance (fc)	495	220	124	79	1
Illuminance (lux)	5,328	2,368	1,332	853	10.76

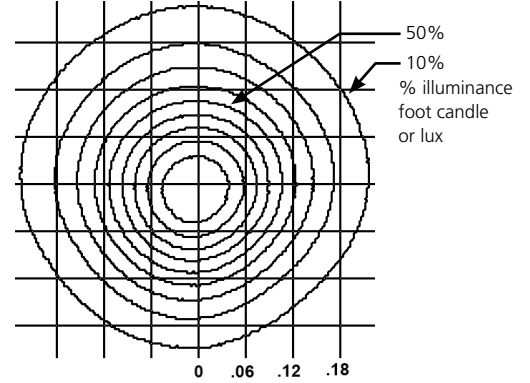
To determine center beam illumination in footcandles at any throw distance, divide candela by the throw distance squared.

For field diameter at any distance, multiply distance by 0.804.
For beam diameter at any distance, multiply by 0.528.

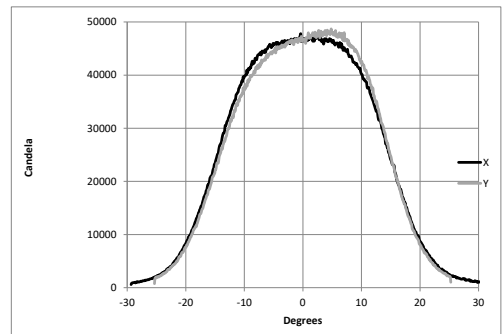
Candela Plot



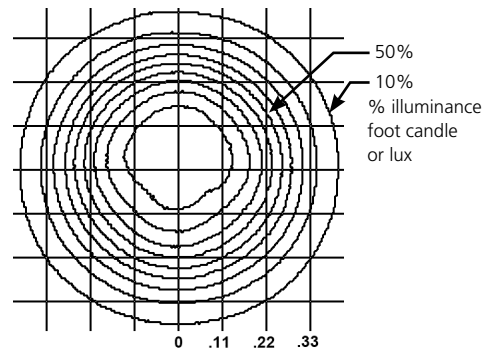
Iso-Illuminance Diagram (Flat Surface Distribution)



Candela Plot



Iso-Illuminance Diagram (Flat Surface Distribution)



PHYSICAL

Source 4WRD II PAR Dimensions

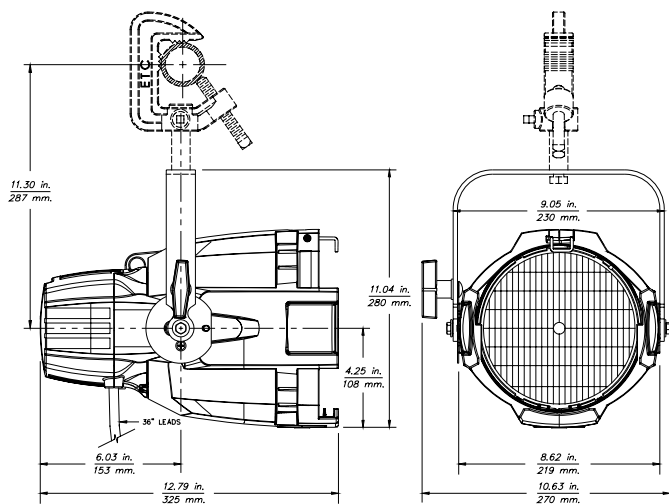
MODEL	HEIGHT		WIDTH		DEPTH	
	in	mm	in	mm	in	mm
4WRD II PAR	11.04	280	10.63	270	12.79	325
4WRD II PARNeI	11.68	296	10.63	270	12.79	325

Source 4WRD II PAR Weights

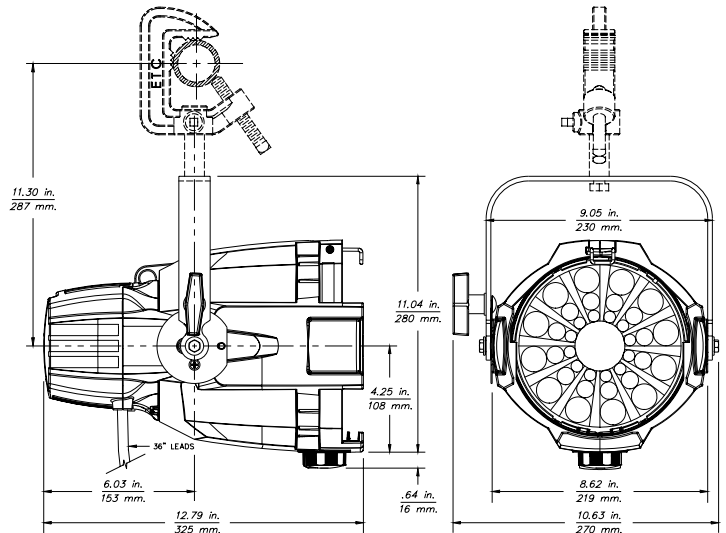
MODEL	WEIGHT*		SHIPPING WEIGHT		WEIGHT WITH S4WRD LED*	
	lb	kg	lb	kg	lb	kg
4WRD II PAR	6.25	2.83	8.20	3.72	9.95	4.51
4WRD II PARNeI	7.70	3.49	9.65	4.34	11.40	5.17

*Without mounting hardware

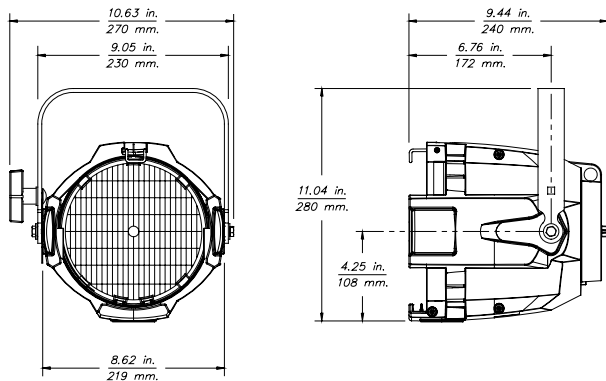
SOURCE 4WRD II PAR (WITH SOURCE 4WRD LED)



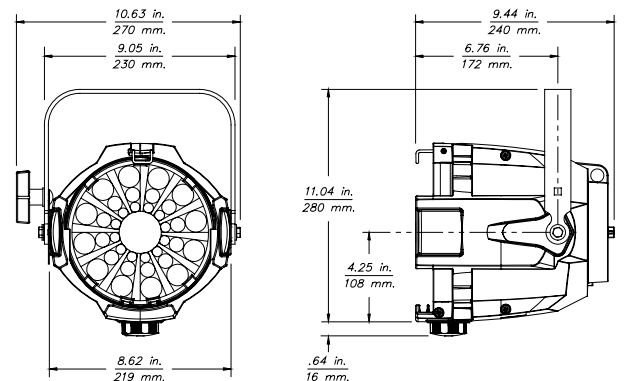
SOURCE 4WRD II PARNeI (WITH SOURCE 4WRD LED)



SOURCE 4WRD II PAR (BODY ONLY)



SOURCE 4WRD II PARNeI (BODY ONLY)



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