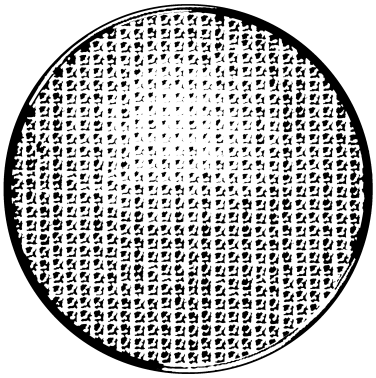
ETC

Source Four® PAR XWFL Lens

PAR Series



SPECIFICATIONS

PHYSICAL Molded, borosilicate lens, heat resistant, and multifaceted.

Four extension clips, black coated zinc with grip points.

OPTICAL XWFL lens with ~30° beam and ~60° field distribution

ORDERING INFORMATION

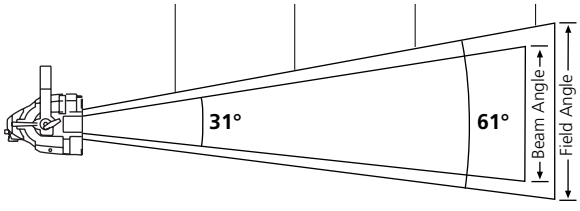
Source Four PAR XWFL Lens

Model#	Description
400XWFL	Extra-wide, or buxom, lens kit

PHOTOMETRIC DATA

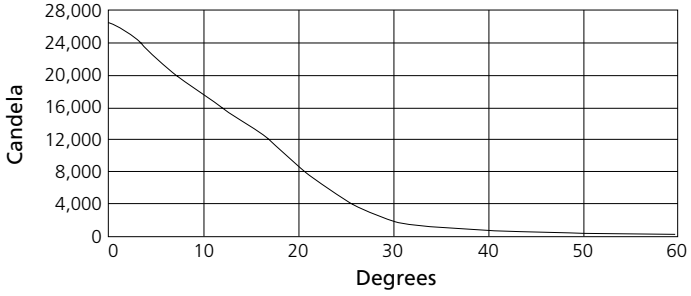
XWFL for Source Four PAR EA, lamped with 750w, 115v HPL

Distance (ft)	10	15	20	25
Field Diameter (ft)	11	16.5	22	27.5
Illumination (fc)	267	119	67	43



For Field diameter at any distance, multiply distance by 1.10.
For Beam diameter at any distance, multiply distance by 0.59.

Candlepower Distribution Curve (cosine adjusted)



XWFL for Source Four PAR EA, lamped with 750w, 115v HPL

Degree	Candlepower	Field Lumens	Beam Lumens	Efficiency
XWFL	26,686	7,824	10.43 LPW	36%

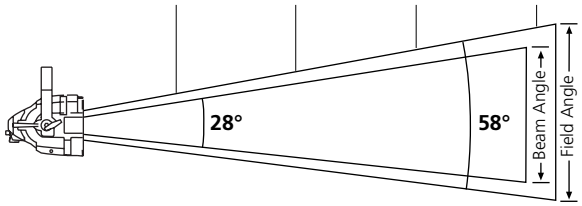
Source Four® PAR XWFL Lens

PAR Series

PHOTOMETRIC DATA

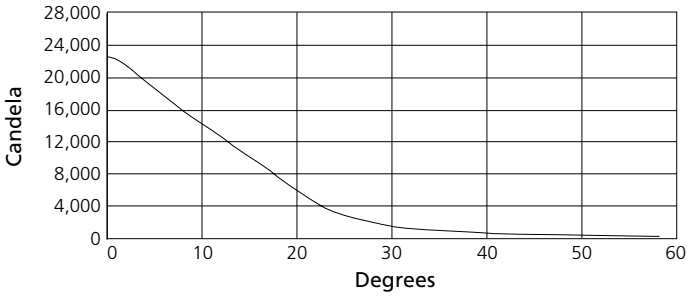
XWFL for Source Four PAR MCM, lamped with 575w, 115v HPL

Distance (ft)	10	15	20	25
Field Diameter (ft)	10.4	15.6	20.8	26
Illumination (fc)	233	103	58	37



For Field diameter at any distance, multiply distance by 1.04.
For Beam diameter at any distance, multiply distance by 0.50.

Candlepower Distribution Curve (cosine adjusted)

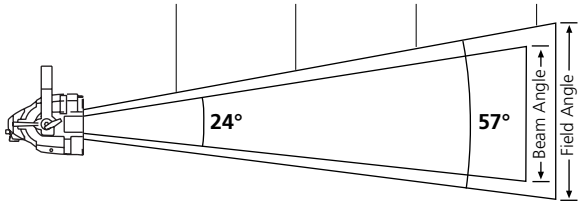


XWFL for Source Four PAR MCM, lamped with 575w, 115v HPL

Degree	Candlepower	Field Lumens	Beam Lumens	Efficiency
XWFL	23,267	5,933	10.32 LPW	36%

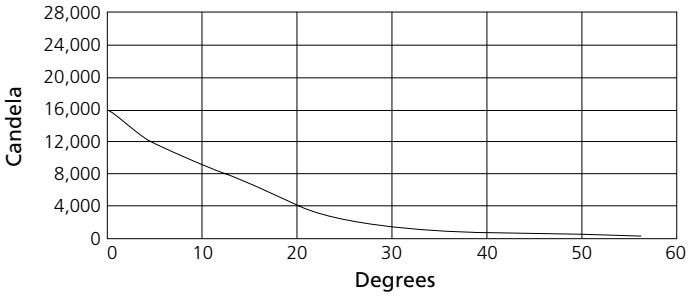
XWFL for Source Four HID PAR

Distance (ft)	10	15	20	25
Field Diameter (ft)	10.3	15.5	20.6	25.8
Illumination (fc)	166	74	41	26



For Field diameter at any distance, multiply distance by 1.03.
For Beam diameter at any distance, multiply distance by 0.43.

Candlepower Distribution Curve (cosine adjusted)



XWFL for Source Four HID PAR

Degree	Candlepower	Field Lumens	Beam Lumens	Efficiency
XWFL	16,547	3,681	24.5 LPW	24.5%

All photometric data in this document was prepared using standard production fixtures, and the Prometric™ CCD measurement system. Fixtures were tested with a calibrated HPL lamp at its rated voltage. All data were normalized to nominal lamp lumens.

For illumination with any lamp, multiply the candlepower of a beam spread by the multiplying factor (mf) shown for that lamp.

To determine illumination in footcandles or lux at any throw distance, divide candlepower by distance squared.

Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76

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