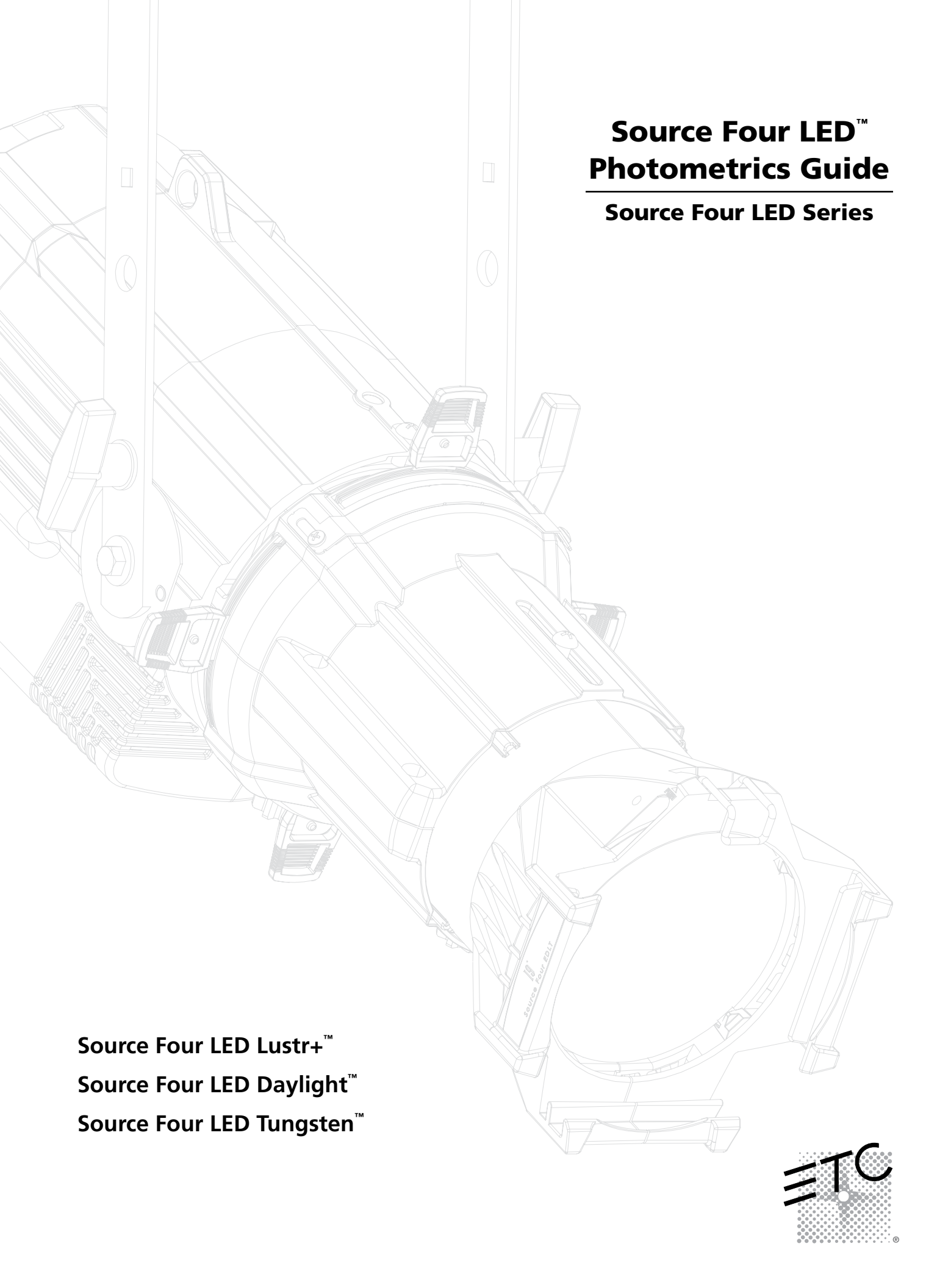




Source Four LED™ Photometrics Guide

Source Four LED Series

Source Four LED Lustr+™

Source Four LED Daylight™

Source Four LED Tungsten™



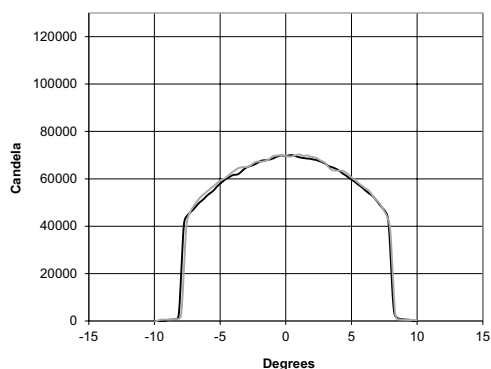
Source Four LED Series

The Source Four LED has a flat field, which should be taken into account when calculating foot candles.

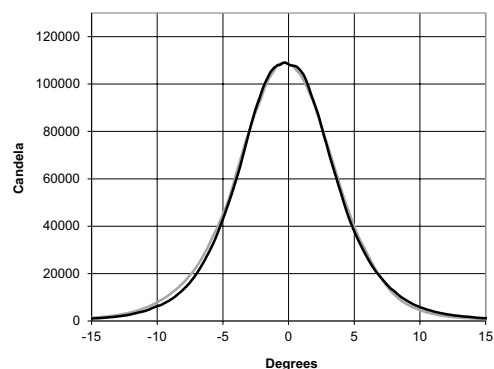
Below is a comparison between two fixtures that produce similar amounts of light but with different light distributions.

The D40 has a much narrower beam, so the fixture will seem much brighter in the center. The Source Four LED on the other hand will have a much more even distribution of light, and brightness will be similar across the beam.

Source Four LED Lustr+



Desire D40 Lustr+



Source Four LED Series

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Multiply the values below times regulated mode lumen or candela values for each lens tube to get results for a 3200K color match and a 5600K color match.

Two different metamers are provided for each: one with the highest lumens, and one with the best match to the spectral curve.

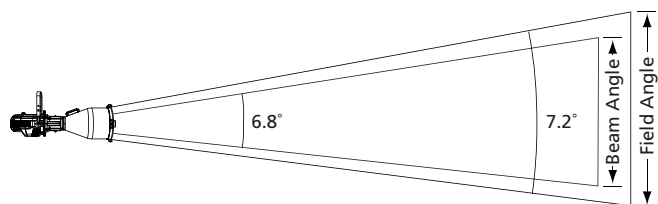
	Highest lumens	Best spectral match
Lustr+ 3200K multiplier	0.78	0.31
Lustr+ 5600K multiplier	0.89	0.62

Source Four LED Series

Source Four LED Lustr+ 5°

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	5°	294,000	2,640	2,550	130	20.3
Regulated - Cold	5°	259,000	2,320	2,240	116.5	19.9
Protected - Cold	5°	169,000	1,520	1,460	77	19.7

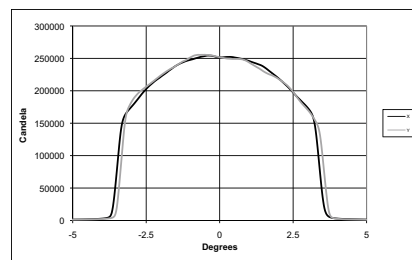
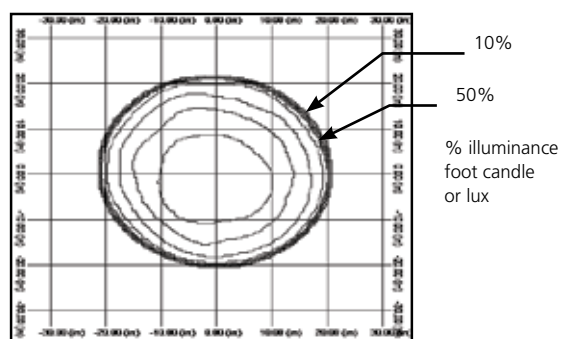
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	508.9'
	3.0m	4.6m	6.1m	9.1m	155.1m
Field Diameter	1.3'	1.9'	2.5'	3.8'	-
	0.4m	0.6m	0.8m	1.2m	-
Illuminance (fc)	2,590	1,151	648	287.8	1
Illuminance (lux)	27,879	12,390	6,970	3,098	10.76

For field diameter at any distance, multiply distance by 0.126
For beam diameter at any distance, multiply by 0.119

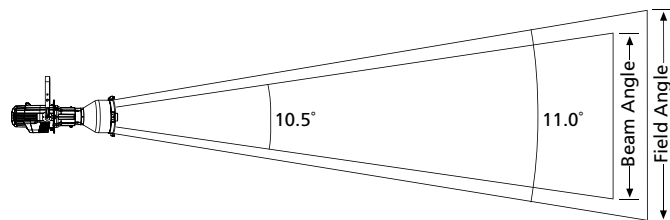
Candela Plot

Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Lustr+ 10°

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	10°	158,000	3,300	3,180	130	25.4
Regulated - Cold	10°	139,000	2,900	2,800	116.5	24.9
Protected - Cold	10°	91,000	1,890	1,830	77	24.5

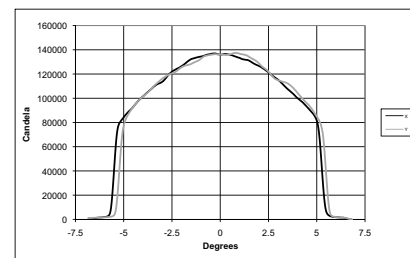
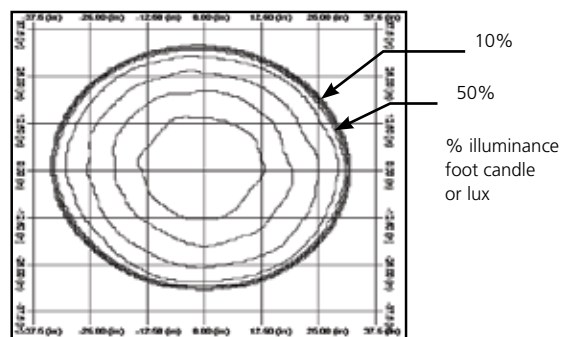
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	372.8'
	3.0m	4.6m	6.1m	9.1m	113.6m
Field Diameter	1.9'	2.9'	3.9'	5.8'	-
	0.6m	0.9m	1.2m	1.8m	-
Illuminance (fc)	1,390	618	348	154.4	1
Illuminance (lux)	14,960	6,650	3,740	1,662	10.76

For field diameter at any distance, multiply distance by 0.193
For beam diameter at any distance, multiply by 0.184

Candela Plot

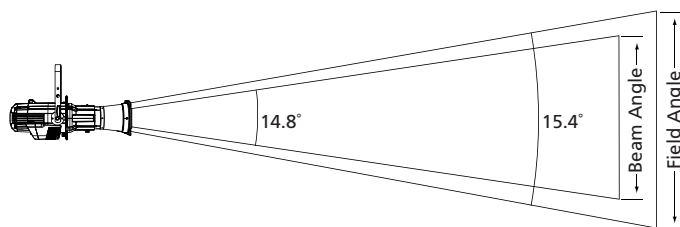
Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Series

Source Four LED Lustr+ 14°

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	14°	83,500	3,510	3,450	130	27.0
Regulated - Cold	14°	73,500	3,090	3,040	116.5	26.5
Protected - Cold	14°	47,900	2,010	1,980	77	26.1

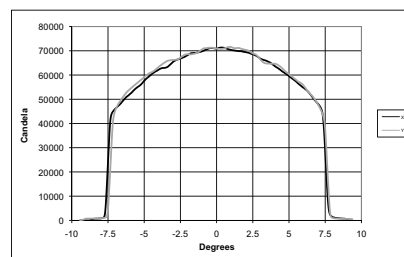
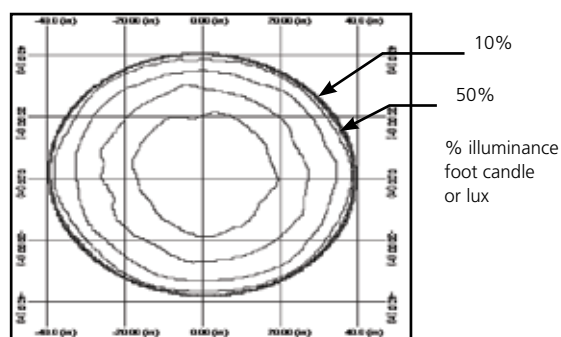
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	271.1'
	3.0m	4.6m	6.1m	9.1m	82.6m
Field Diameter	2.7'	4.1'	5.4'	8.1'	-
	0.8m	01.2m	01.6m	2.5m	-
Illuminance (fc)	735	327	184	81.7	1
Illuminance (lux)	7,911	3,516	1,978	879	10.76

For field diameter at any distance, multiply distance by 0.270
For beam diameter at any distance, multiply by 0.260

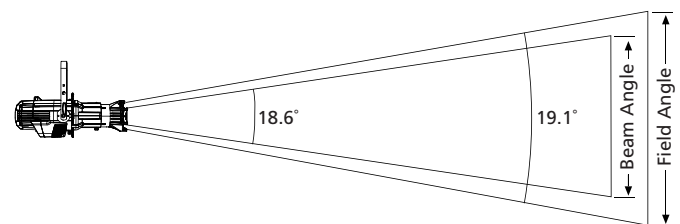
Candela Plot

Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Lustr+ 19° EDLT

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	19°	51,800	3,450	3,360	130	26.5
Regulated - Cold	19°	45,600	3,040	2,960	116.5	26.1
Protected - Cold	19°	29,700	1,980	1,930	77	25.7

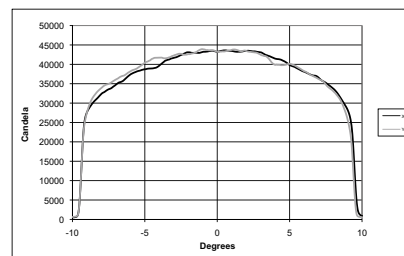
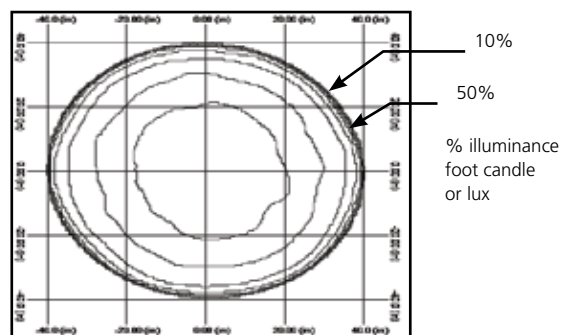
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	213.5'
	3.0m	4.6m	6.1m	9.1m	65.1m
Field Diameter	3.4'	5.0'	6.7'	10.1'	-
	1.0m	1.5m	2.1m	3.1m	-
Illuminance (fc)	456	203	114	50.7	1
Illuminance (lux)	4,908	2,181	1,227	545	10.76

For field diameter at any distance, multiply distance by 0.336
For beam diameter at any distance, multiply by 0.328

Candela Plot

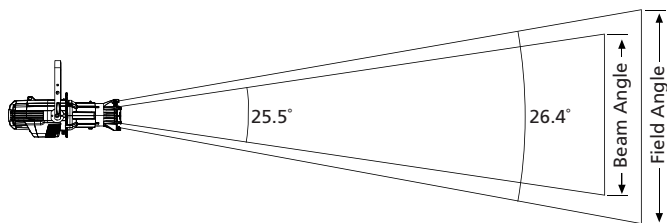
Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Series

Source Four LED Lustr+ 26° EDLT

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	26°	25,600	4,190	3,930	130	32.2
Regulated - Cold	26°	22,500	3,690	3,460	116.5	31.7
Protected - Cold	26°	14,700	2,410	2,260	77	31.3

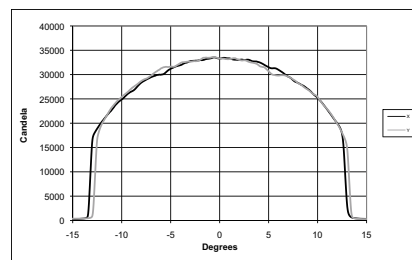
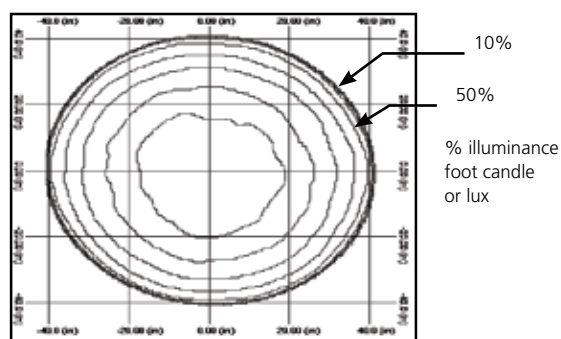
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	150.0'
	3.0m	4.6m	6.1m	9.1m	45.7m
Field Diameter	4.7'	7.0'	9.4'	14.1'	-
	1.4m	2.1m	2.9m	4.3m	-
Illuminance (fc)	225	100	56	25.0	1
Illuminance (lux)	2,422	1,076	605	269	10.76

For field diameter at any distance, multiply distance by 0.469
For beam diameter at any distance, multiply by 0.453

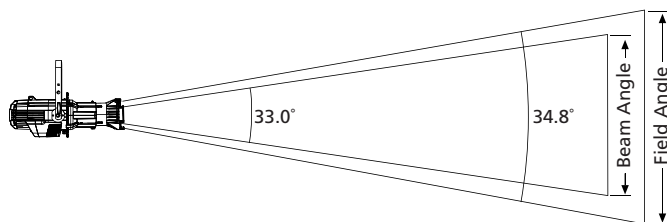
Candela Plot

Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Lustr+ 36° EDLT

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	36°	21,400	4,490	4,020	130	34.5
Regulated - Cold	36°	18,800	3,950	3,540	116.5	33.9
Protected - Cold	36°	12,300	2,580	2,310	77	33.5

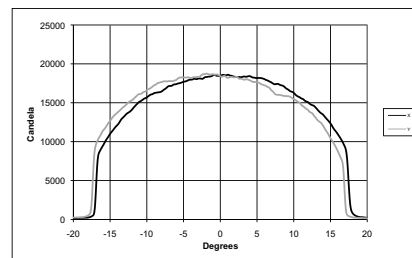
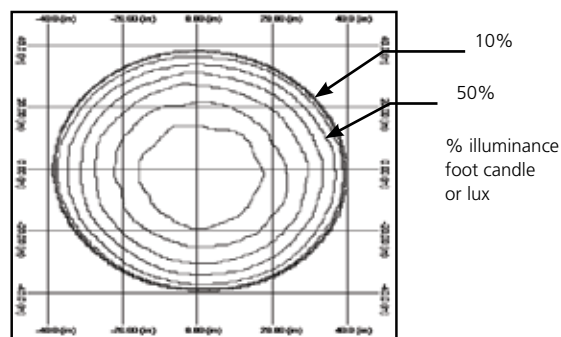
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	137.1'
	3.0m	4.6m	6.1m	9.1m	41.8m
Field Diameter	6.3'	9.4'	12.5'	18.8'	-
	1.9m	2.9m	3.8m	5.7m	-
Illuminance (fc)	188	84	47	20.9	1
Illuminance (lux)	2,024	899	506	225	10.76

For field diameter at any distance, multiply distance by 0.627
For beam diameter at any distance, multiply by 0.592

Candela Plot

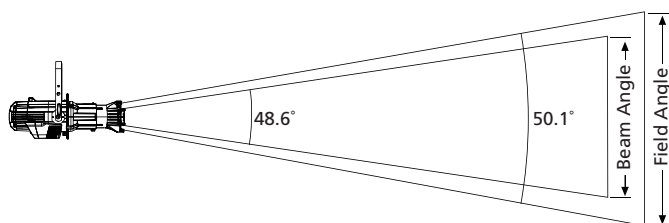
Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Series

Source Four LED Lustr+ LED 50° LT

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	50°	9,650	4,270	3,810	130	32.8
Regulated - Cold	50°	8,490	3,760	3,350	116.5	32.3
Protected - Cold	50°	5,540	2,450	2,190	77	31.8

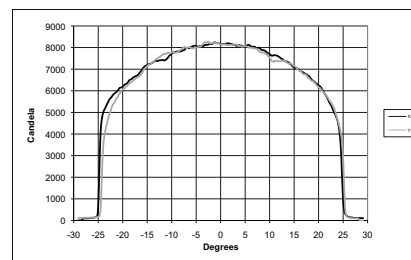
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



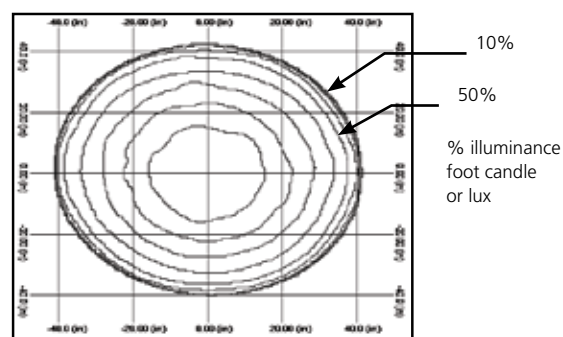
Throw Distance (d)	10'	15'	20'	30'	92.1'
	3.0m	4.6m	6.1m	9.1m	28.1m
Field Diameter	9.3'	14.0'	18.7'	28.0'	-
	2.8m	4.3m	5.7m	8.5m	-
Illuminance (fc)	85	38	21	9.4	1
Illuminance (lux)	914	406	228	102	10.76

For field diameter at any distance, multiply distance by 0.935
For beam diameter at any distance, multiply by 0.903

Candela Plot



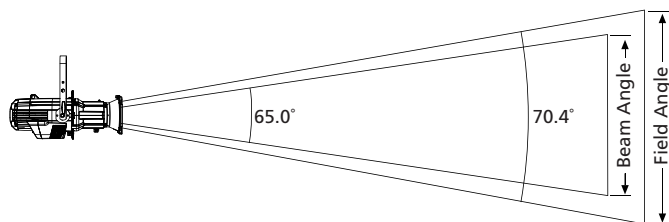
Iso-Illuminance Diagram (Flat Surface Distribution)



Source Four LED Lustr+ 70°

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	70°	5,820	4,580	2,970	130	35.2
Regulated - Cold	70°	5,120	4,030	2,610	116.5	34.6
Protected - Cold	70°	3,340	2,630	1,700	77	34.2

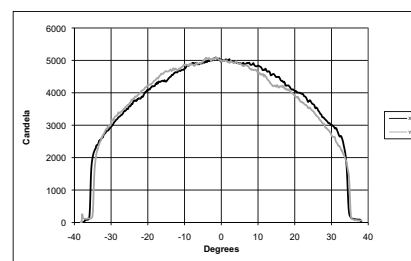
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



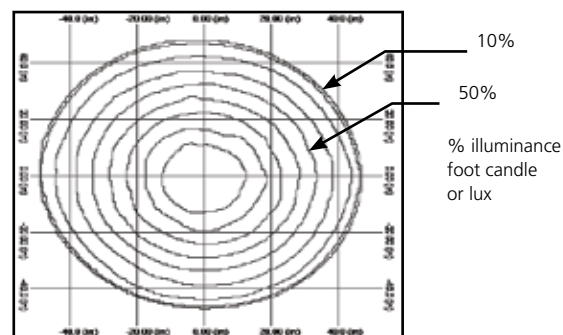
Throw Distance (d)	10'	15'	20'	30'	71.6'
	3.0m	4.6m	6.1m	9.1m	21.8m
Field Diameter	14.1'	21.2'	28.2'	42.3'	-
	4.3m	6.5m	8.6m	12.9m	-
Illuminance (fc)	51	23	13	5.7	1
Illuminance (lux)	551	245	138	61	10.76

For field diameter at any distance, multiply distance by 1.411
For beam diameter at any distance, multiply by 1.274

Candela Plot



Iso-Illuminance Diagram (Flat Surface Distribution)

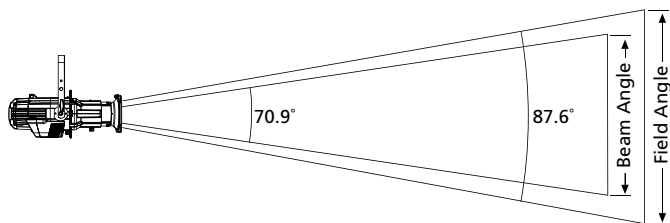


Source Four LED Series

Source Four LED Lustr+ 90°

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	90°	4,300	4,430	2,400	130	34.1
Regulated - Cold	90°	3,780	3,900	2,110	116.5	33.5
Protected - Cold	90°	2,470	2,540	1,380	77	33.0

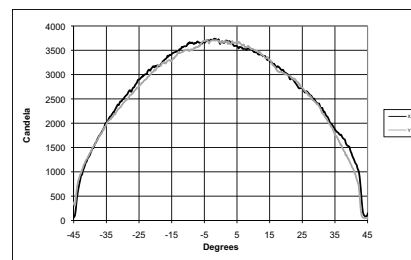
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



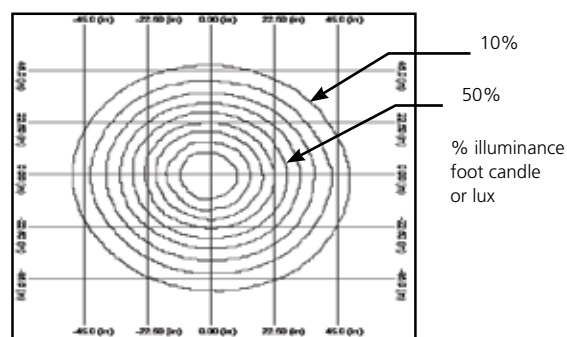
Throw Distance (d)	10'	15'	20'	30'	61.5'
	3.0m	4.6m	6.1m	9.1m	18.7m
Field Diameter	19.2'	28.8'	38.4'	57.5'	-
	5.8m	8.8m	11.7m	17.5m	-
Illuminance (fc)	38	17	9	4.2	1
Illuminance (lux)	407	181	102	45	10.76

For field diameter at any distance, multiply distance by 1.918
For beam diameter at any distance, multiply by 1.424

Candela Plot



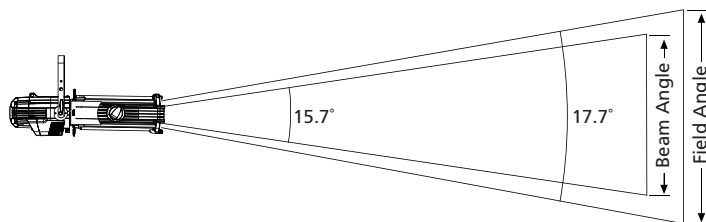
Iso-Illuminance Diagram (Flat Surface Distribution)



Source Four LED Lustr+ 15-30° Zoom Narrow

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	15°	68,100	3,420	2,950	130	26.3
Regulated - Cold	15°	59,900	3,010	2,600	116.5	25.8
Protected - Cold	15°	39,000	1,960	1,690	77	25.5

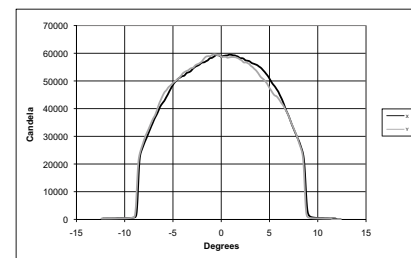
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



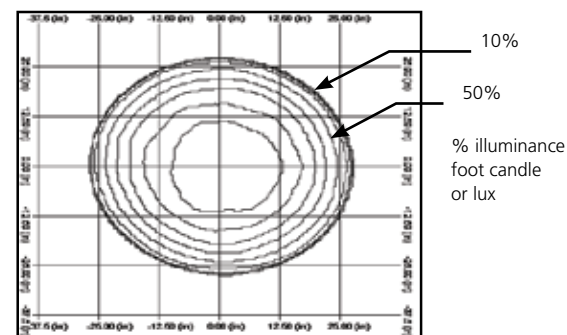
Throw Distance (d)	10'	15'	20'	30'	244.7'
	3.0m	4.6m	6.1m	9.1m	74.6m
Field Diameter	3.1'	4.7'	6.2'	9.3'	-
	0.9m	1.4m	1.9m	2.8m	-
Illuminance (fc)	599	266	150	66.6	1
Illuminance (lux)	6,448	2,866	1,612	716	10.76

For field diameter at any distance, multiply distance by 0.311
For beam diameter at any distance, multiply by 0.276

Candela Plot



Iso-Illuminance Diagram (Flat Surface Distribution)

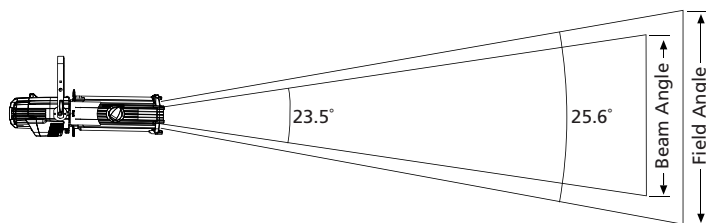


Source Four LED Series

Source Four LED Lustr+ 15-30° Zoom Mid

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	23°	35,500	3,810	3,280	130	29.3
Regulated - Cold	23°	31,200	3,350	2,890	116.5	28.8
Protected - Cold	23°	20,400	2,190	1,880	77	28.4

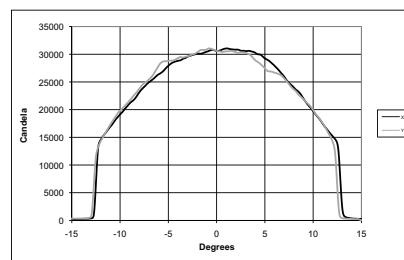
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



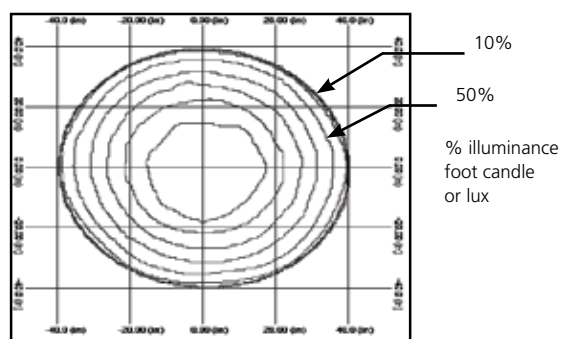
Throw Distance (d)	10'	15'	20'	30'	176.6'
	3.0m	4.6m	6.1m	9.1m	53.8m
Field Diameter	4.5'	6.8'	9.1'	13.6'	—
	1.4m	2.1m	2.8m	4.2m	—
Illuminance (fc)	312	139	78	34.7	1
Illuminance (lux)	3,358	1,493	840	373	10.76

For field diameter at any distance, multiply distance by 0.454
For beam diameter at any distance, multiply by 0.416

Candela Plot



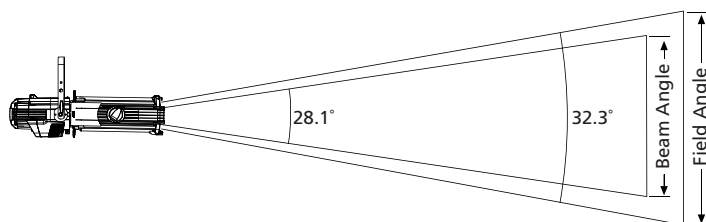
Iso-Illuminance Diagram (Flat Surface Distribution)



Source Four LED Lustr+ 15-30° Zoom Wide

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	30°	21,800	3,490	2,760	130	26.8
Regulated - Cold	30°	19,200	3,070	2,430	116.5	26.4
Protected - Cold	30°	12,500	2,000	1,580	77	26.0

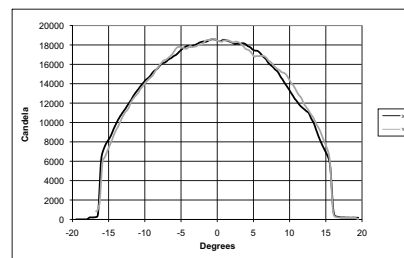
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



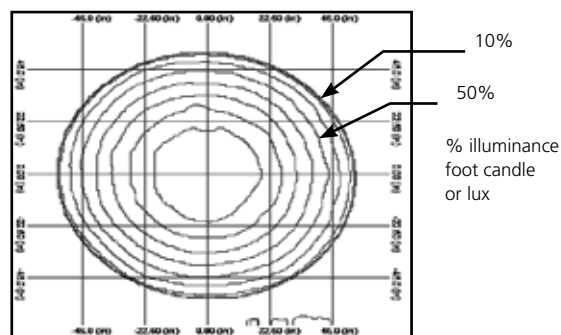
Throw Distance (d)	10'	15'	20'	30'	138.6'
	3.0m	4.6m	6.1m	9.1m	42.2m
Field Diameter	5.8'	8.7'	11.6'	17.4'	—
	1.8m	2.6m	3.5m	5.3m	—
Illuminance (fc)	192	85	48	21.3	1
Illuminance (lux)	2,067	919	517	230	10.76

For field diameter at any distance, multiply distance by 0.579
For beam diameter at any distance, multiply by 0.501

Candela Plot



Iso-Illuminance Diagram (Flat Surface Distribution)

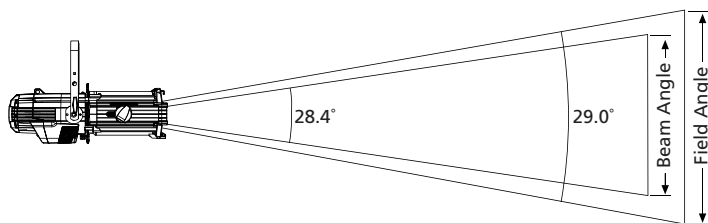


Source Four LED Series

Source Four LED Lustr+ 25-50° Zoom Narrow

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	25°	26,100	4,170	4,090	130	32.1
Regulated - Cold	25°	23,000	3,670	3,600	116.5	31.5
Protected - Cold	25°	15,000	2,390	2,350	77	31.0

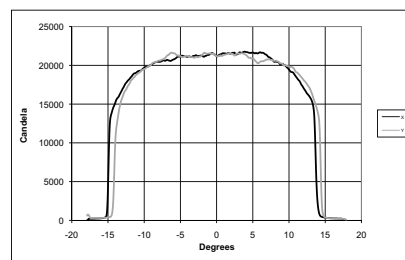
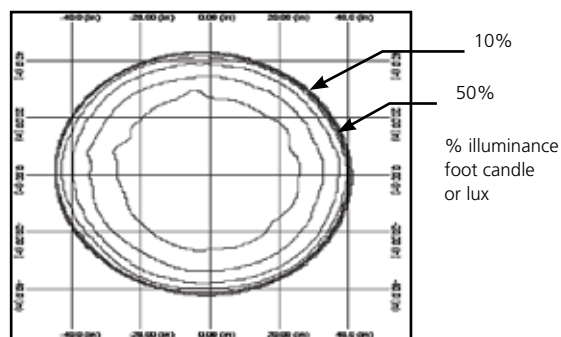
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	151.7'
	3.0m	4.6m	6.1m	9.1m	46.2m
Field Diameter	5.2'	7.8'	10.3'	15.5'	-
	1.6m	2.4m	3.2m	4.7m	-
Illuminance (fc)	230	102	58	25.6	1
Illuminance (lux)	2,476	1,100	619	275	10.76

For field diameter at any distance, multiply distance by 0.517
For beam diameter at any distance, multiply by 0.506

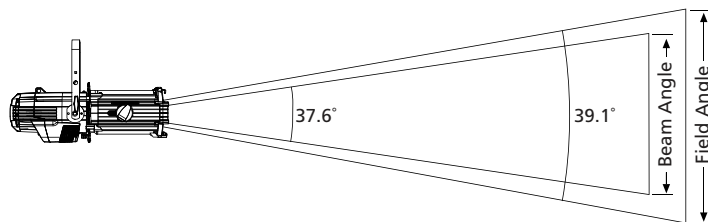
Candela Plot

Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Lustr+ 25-50° Zoom Mid

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	37°	16,100	4,420	4,060	130	34.0
Regulated - Cold	37°	14,200	3,890	3,570	116.5	33.4
Protected - Cold	37°	9,200	2,540	2,330	77	33.0

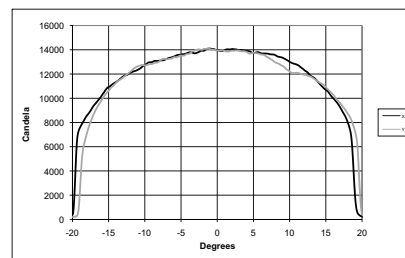
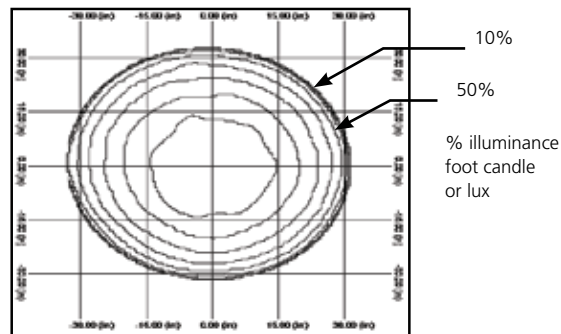
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	119.2'
	3.0m	4.6m	6.1m	9.1m	36.3m
Field Diameter	7.1'	10.7'	14.2'	21.3'	-
	2.2m	3.2m	4.3m	6.5m	-
Illuminance (fc)	142	63	36	15.8	1
Illuminance (lux)	1,528	679	382	170	10.76

For field diameter at any distance, multiply distance by 0.710
For beam diameter at any distance, multiply by 0.681

Candela Plot

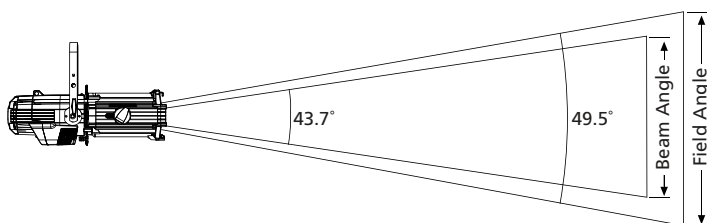
Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Series

Source Four LED Lustr+ 25-50° Zoom Wide

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	50°	11,100	4,300	3,270	130	33.1
Regulated - Cold	50°	9,800	3,780	2,880	116.5	32.4
Protected - Cold	50°	6,400	2,470	1,880	77	32.1

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

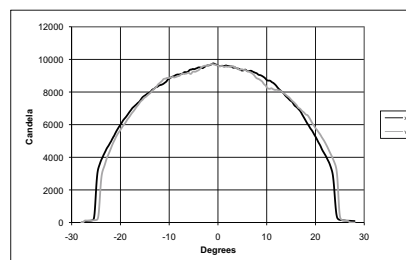
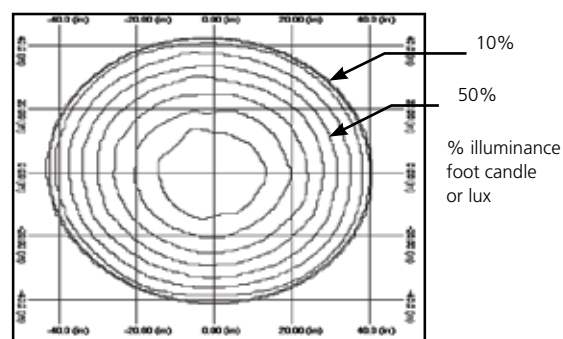


Throw Distance (d)	10'	15'	20'	30'	99.0'
	3.0m	4.6m	6.1m	9.1m	30.2m
Field Diameter	9.2'	13.8'	18.4'	27.7'	-
	2.8m	4.2m	5.6m	8.4m	-
Illuminance (fc)	98	44	25	10.9	1
Illuminance (lux)	1,055	469	264	117	10.76

For field diameter at any distance, multiply distance by 0.922

For beam diameter at any distance, multiply by 0.802

Candela Plot

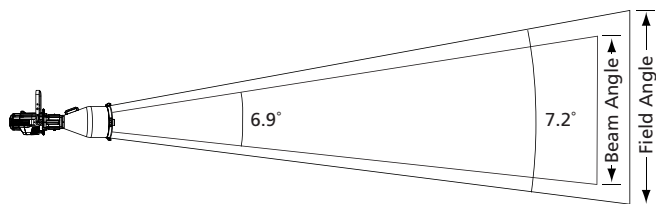
Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Series

Source Four LED Daylight 5°

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	5°	389,000	3,820	3,740	151	25.3
Regulated - Cold	5°	358,000	3,520	3,440	140	25.1
Protected - Cold	5°	229,000	2,250	2,200	90	25.0

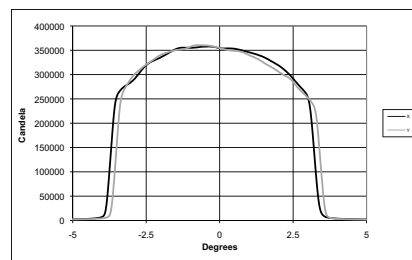
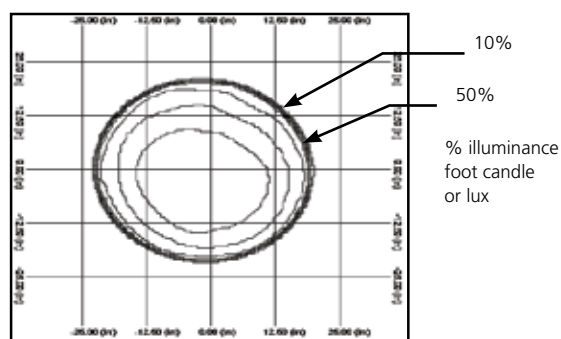
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	598.3'
	3.0m	4.6m	6.1m	9.1m	182.4m
Field Diameter	1.3'	1.9'	2.5'	3.8'	-
	0.4m	0.6m	0.8m	1.2m	-
Illuminance (fc)	3580	1,591	895	397.8	1
Illuminance (lux)	38,535	17,127	9,634	4282	10.76

For field diameter at any distance, multiply distance by 0.126
For beam diameter at any distance, multiply by 0.121

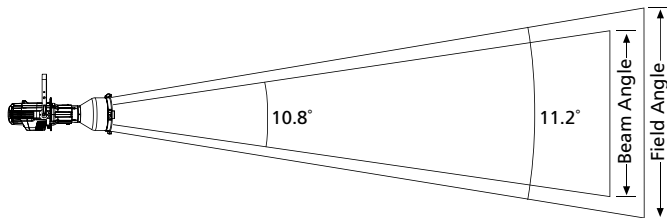
Candela Plot

Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Daylight 10°

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	10°	216,000	5,030	4,920	151	33.3
Regulated - Cold	10°	199,000	4,630	4,530	140	33.1
Protected - Cold	10°	127,000	2,960	2,900	90	32.9

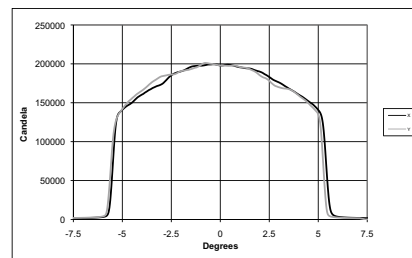
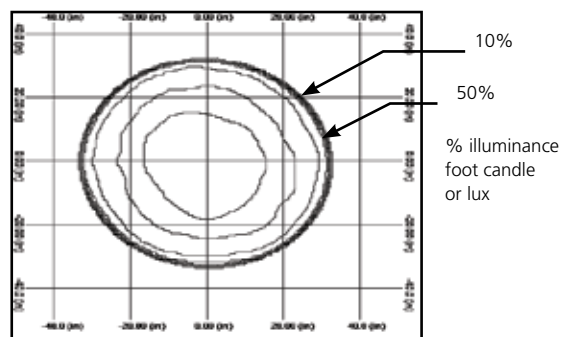
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	446.1'
	3.0m	4.6m	6.1m	9.1m	136.0m
Field Diameter	2.0'	2.9'	3.9'	5.9'	-
	0.6m	0.9m	1.2m	1.8m	-
Illuminance (fc)	1,990	884	498	221.1	1
Illuminance (lux)	21,420	9,520	5,355	2,380	10.76

For field diameter at any distance, multiply distance by 0.196
For beam diameter at any distance, multiply by 0.189

Candela Plot

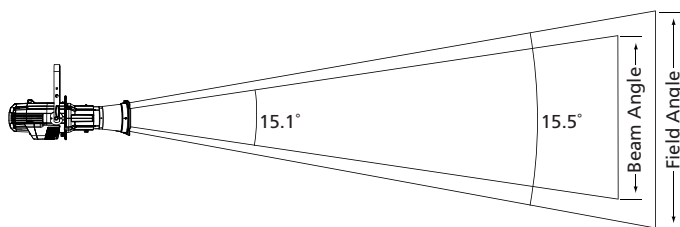
Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Series

Source Four LED Daylight 14°

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	14°	111,000	5,280	5,210	151	35.0
Regulated - Cold	14°	102,000	4,860	4,800	140	34.7
Protected - Cold	14°	65,300	3,110	3,070	90	34.6

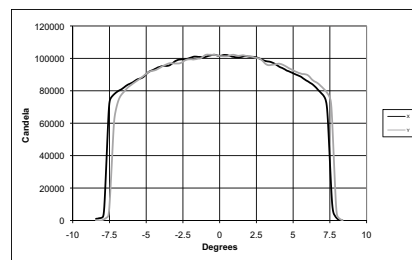
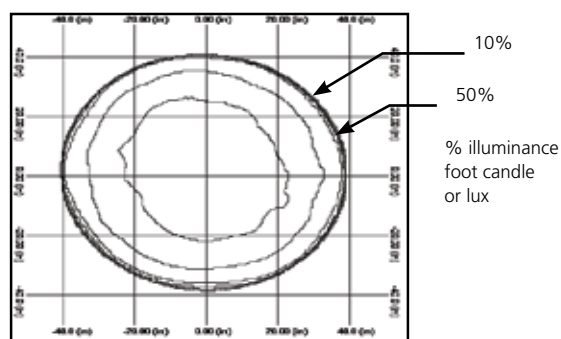
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	319.4'
	3.0m	4.6m	6.1m	9.1m	97.3m
Field Diameter	2.7'	4.1'	5.4'	8.2'	-
	0.8m	1.2m	1.7m	2.5m	-
Illuminance (fc)	1,020	453	255	113.3	1
Illuminance (lux)	10,979	4,880	2,745	1,220	10.76

For field diameter at any distance, multiply distance by 0.272
For beam diameter at any distance, multiply by 0.265

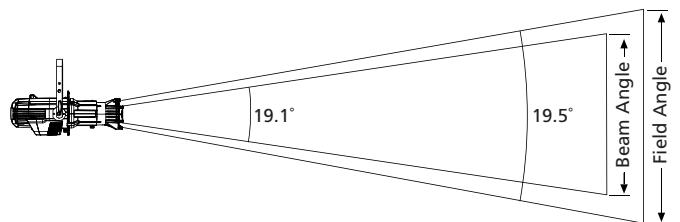
Candela Plot

Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Daylight 19° EDLT

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	19°	68,800	5,270	5,160	151	34.9
Regulated - Cold	19°	63,400	4,850	4,750	140	34.6
Protected - Cold	19°	40,500	3,100	3,040	90	34.4

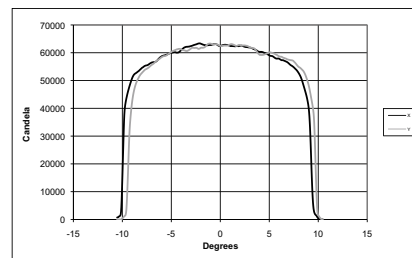
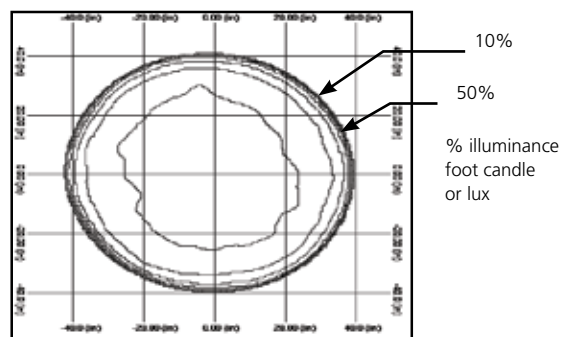
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	251.8'
	3.0m	4.6m	6.1m	9.1m	76.7m
Field Diameter	3.4'	5.2'	6.9'	10.3'	-
	1.0m	1.2m	2.1m	3.1m	-
Illuminance (fc)	634	282	159	70.4	1
Illuminance (lux)	6,824	3,033	1,706	758	10.76

For field diameter at any distance, multiply distance by 0.344
For beam diameter at any distance, multiply by 0.336

Candela Plot

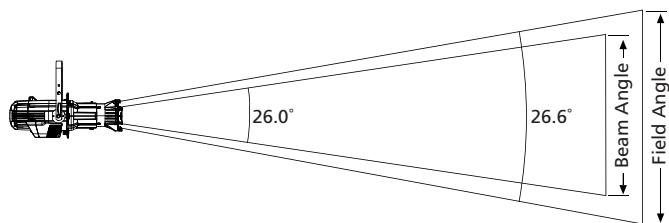
Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Series

Source Four LED Daylight 26° EDLT

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	26°	50,800	6,670	6,390	151	44.2
Regulated - Cold	26°	46,800	6,140	5,880	140	43.9
Protected - Cold	26°	29,900	3,930	3,760	90	43.7

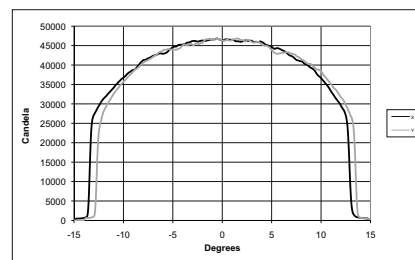
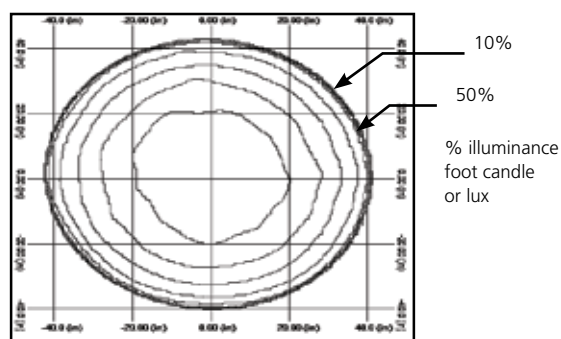
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	216.3'
	3.0m	4.6m	6.1m	9.1m	65.9m
Field Diameter	4.7'	7.1'	9.5'	14.2'	-
	1.4m	2.2m	2.9m	4.3m	-
Illuminance (fc)	468	208	117	52.0	1
Illuminance (lux)	5,038	2,239	1,259	560	10.76

For field diameter at any distance, multiply distance by 0.473
For beam diameter at any distance, multiply by 0.462

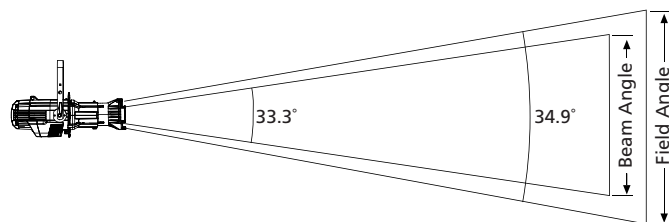
Candela Plot

Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Daylight 36° EDLT

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	36°	29,200	6,330	5,640	151	41.9
Regulated - Cold	36°	26,900	5,830	5,190	140	41.6
Protected - Cold	36°	17,200	3,730	3,320	90	41.4

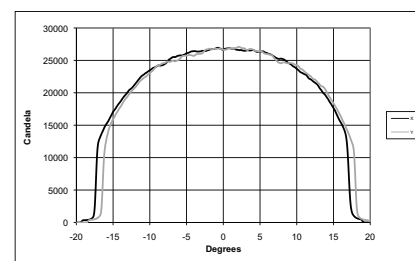
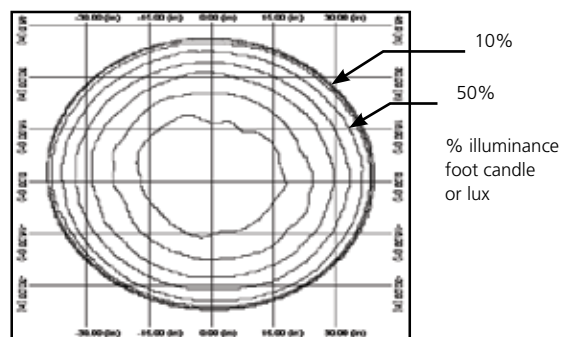
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	164.0'
	3.0m	4.6m	6.1m	9.1m	50.0m
Field Diameter	6.3'	9.4'	12.6'	18.9'	-
	1.9m	2.9m	3.8m	5.7m	-
Illuminance (fc)	269	120	67	29.9	1
Illuminance (lux)	2,895	1,287	724	322	10.76

For field diameter at any distance, multiply distance by 0.629
For beam diameter at any distance, multiply by 0.598

Candela Plot

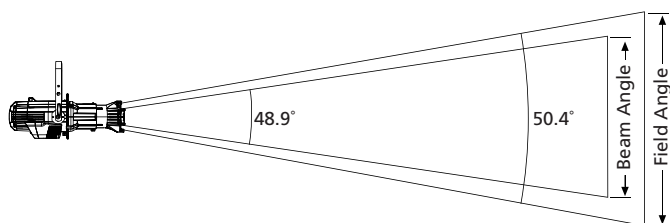
Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Series

Source Four LED Daylight LED 50° LT

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	50°	14,900	6,940	6,210	151	46.0
Regulated - Cold	50°	13,700	6,390	5,720	140	45.6
Protected - Cold	50°	8,770	4,090	3,660	90	45.4

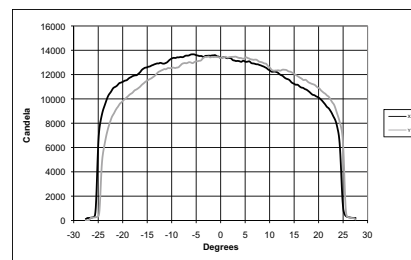
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



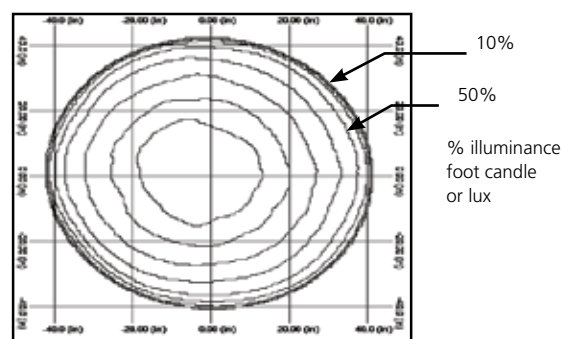
Throw Distance (d)	10'	15'	20'	30'	117.0'
	3.0m	4.6m	6.1m	9.1m	35.7m
Field Diameter	9.4'	14.1'	18.8'	28.2'	-
	2.9m	4.3m	5.7m	8.6m	-
Illuminance (fc)	137	61	34	15.2	1
Illuminance (lux)	1,475	655	369	164	10.76

For field diameter at any distance, multiply distance by 0.941
For beam diameter at any distance, multiply by 0.909

Candela Plot



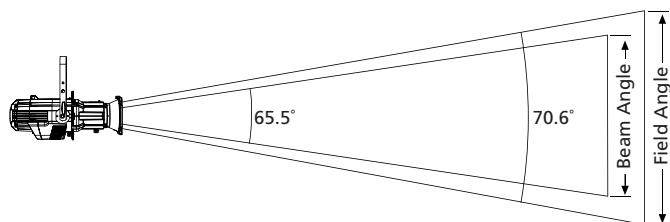
Iso-Illuminance Diagram (Flat Surface Distribution)



Source Four LED Daylight 70°

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	70°	9,300	7,510	4,910	151	49.7
Regulated - Cold	70°	8,590	6,920	4,520	140	49.4
Protected - Cold	70°	5,500	4,420	2,890	90	49.1

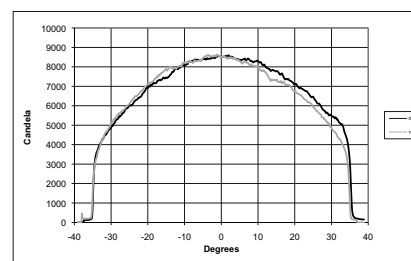
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



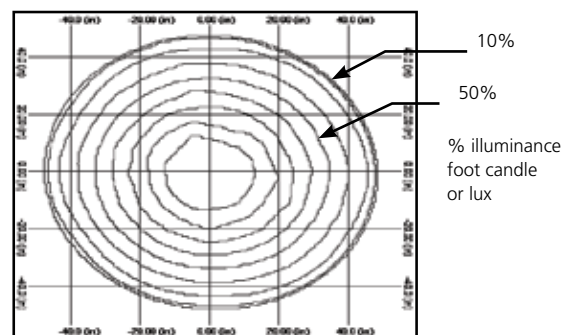
Throw Distance (d)	10'	15'	20'	30'	92.7'
	3.0m	4.6m	6.1m	9.1m	28.2m
Field Diameter	14.2'	21.2'	28.3'	42.5'	-
	4.3m	6.5m	8.6m	12.9m	-
Illuminance (fc)	86	38	21	9.5	1
Illuminance (lux)	925	411	231	103	10.76

For field diameter at any distance, multiply distance by 1.416
For beam diameter at any distance, multiply by 1.286

Candela Plot



Iso-Illuminance Diagram (Flat Surface Distribution)

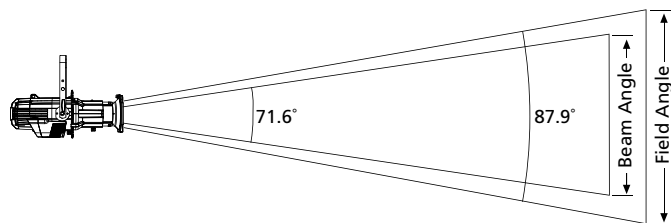


Source Four LED Series

Source Four LED Daylight 90°

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	90°	6,900	7,290	4,050	151	48.3
Regulated - Cold	90°	6,350	6,710	3,730	140	47.9
Protected - Cold	90°	4,060	4,290	2,380	90	47.7

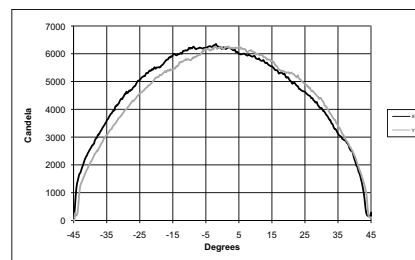
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



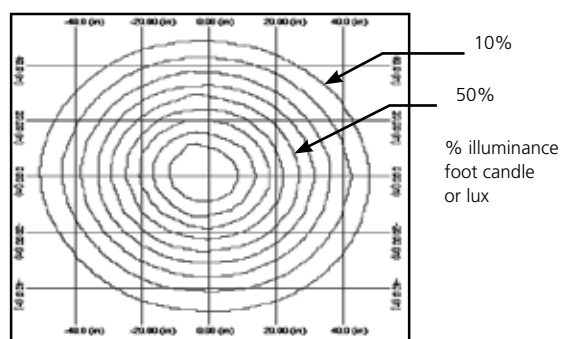
Throw Distance (d)	10'	15'	20'	30'	79.7'
	3.0m	4.6m	6.1m	9.1m	24.3m
Field Diameter	19.3'	28.9'	38.6'	57.8'	—
	5.9m	8.8m	11.8m	17.6m	—
Illuminance (fc)	64	28	16	7.1	1
Illuminance (lux)	684	304	171	76	10.76

For field diameter at any distance, multiply distance by 1.928
For beam diameter at any distance, multiply by 1.442

Candela Plot



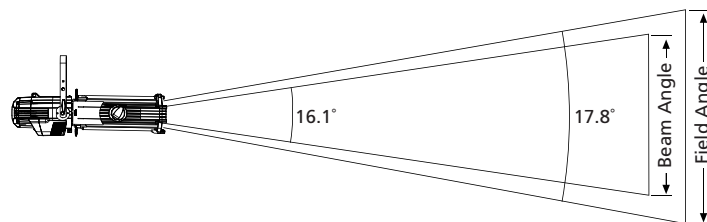
Iso-Illuminance Diagram (Flat Surface Distribution)



Source Four LED Daylight 15-30° Zoom Narrow

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	15°	96,000	5,090	4,500	151	33.7
Regulated - Cold	15°	88,400	4,690	4,140	150	33.5
Protected - Cold	15°	56,500	3,000	2,650	90	33.3

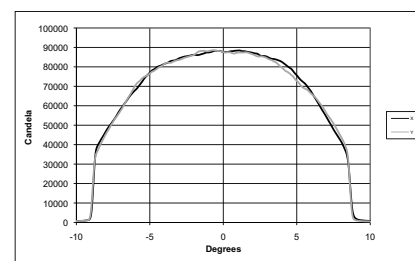
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



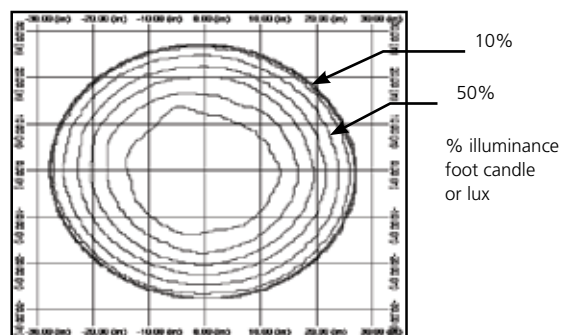
Throw Distance (d)	10'	15'	20'	30'	297.3'
	3.0m	4.6m	6.1m	9.1m	90.6m
Field Diameter	3.1'	4.7'	6.3'	9.4'	—
	1.0m	1.4m	1.9m	2.9m	—
Illuminance (fc)	884	393	221	98.2	1
Illuminance (lux)	9,515	4,229	2,379	1,057	10.76

For field diameter at any distance, multiply distance by 0.313
For beam diameter at any distance, multiply by 0.283

Candela Plot



Iso-Illuminance Diagram (Flat Surface Distribution)

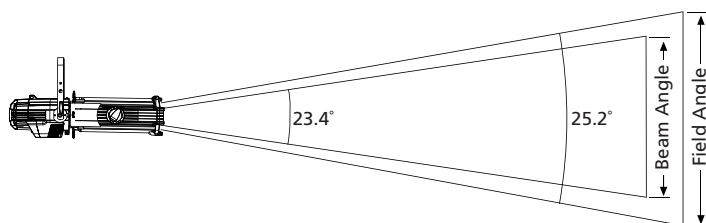


Source Four LED Series

Source Four LED Daylight 15-30° Zoom Mid

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	23°	56,700	5,920	5,180	151	39.2
Regulated - Cold	23°	52,200	5,450	4,770	140	38.9
Protected - Cold	23°	33,400	3,490	3,050	90	38.8

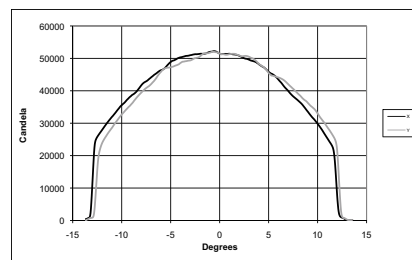
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



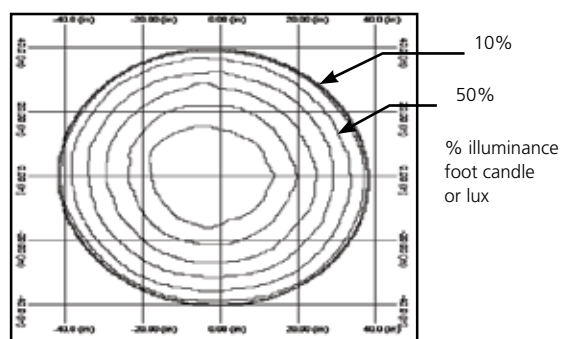
Throw Distance (d)	10'	15'	20'	30'	228.5'
	3.0m	4.6m	6.1m	9.1m	69.6m
Field Diameter	4.5'	6.7'	8.9'	13.4'	-
	1.4m	2.0m	2.7m	4.1m	-
Illuminance (fc)	522	232	131	58.0	1
Illuminance (lux)	5,619	2,497	1,405	624	10.76

For field diameter at any distance, multiply distance by 0.447
For beam diameter at any distance, multiply by 0.414

Candela Plot



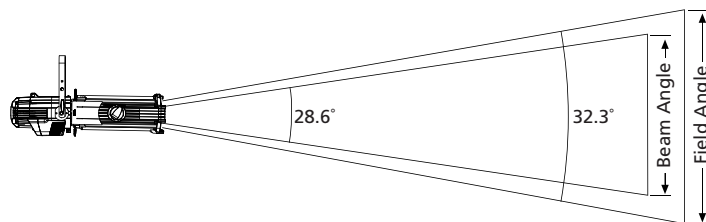
Iso-Illuminance Diagram (Flat Surface Distribution)



Source Four LED Daylight 15-30° Zoom Wide

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	30°	31,800	5,390	4,340	151	35.7
Regulated - Cold	30°	29,300	4,960	4,000	140	35.4
Protected - Cold	30°	18,700	3,170	2,550	90	35.2

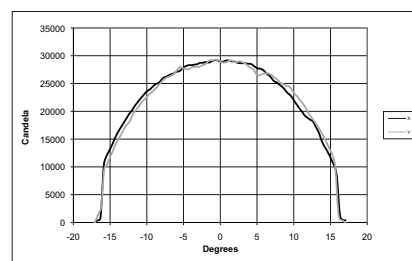
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



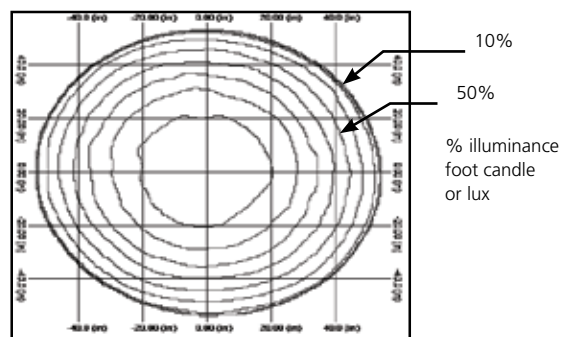
Throw Distance (d)	10'	15'	20'	30'	171.2'
	3.0m	4.6m	6.1m	9.1m	52.2m
Field Diameter	5.8'	8.7'	11.6'	17.4'	-
	1.8m	2.6m	3.5m	5.3m	-
Illuminance (fc)	293	130	73	32.6	1
Illuminance (lux)	3,154	1,402	788	350	10.76

For field diameter at any distance, multiply distance by 0.579
For beam diameter at any distance, multiply by 0.510

Candela Plot



Iso-Illuminance Diagram (Flat Surface Distribution)

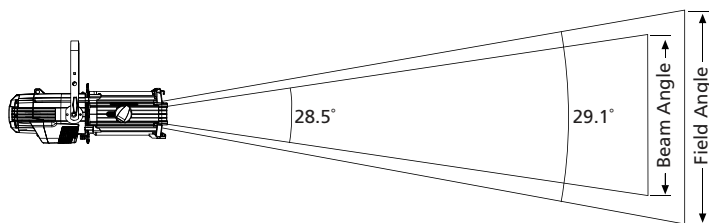


Source Four LED Series

Source Four LED Daylight 25-50° Zoom Narrow

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	25°	39,400	6,770	6,650	151	44.8
Regulated - Cold	25°	36,300	6,230	6,120	140	44.5
Protected - Cold	25°	23,200	3,990	3,910	90	44.3

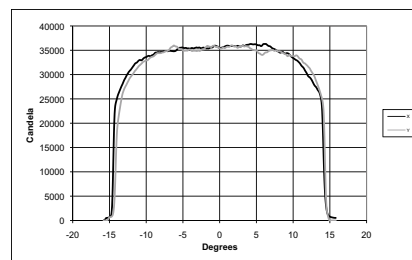
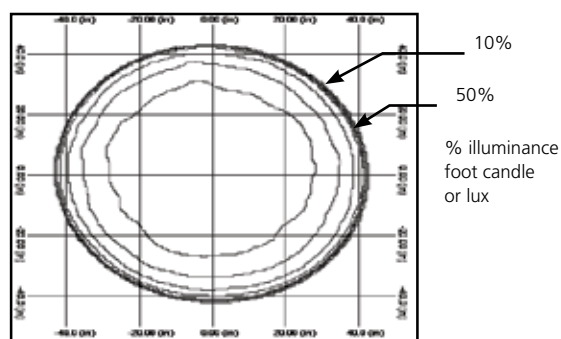
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	190.5'
	3.0m	4.6m	6.1m	9.1m	58.1m
Field Diameter	5.2'	7.8'	10.4'	15.6'	-
	1.6m	2.4m	3.2m	4.7m	-
Illuminance (fc)	363	161	91	40.3	1
Illuminance (lux)	3,907	1,737	977	434	10.76

For field diameter at any distance, multiply distance by 0.519
For beam diameter at any distance, multiply by 0.508

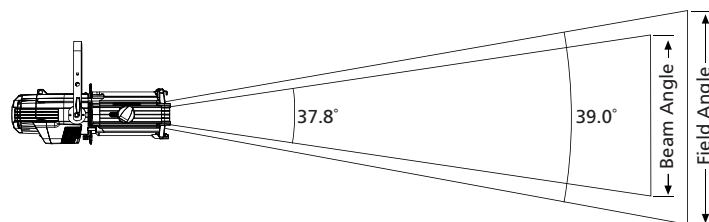
Candela Plot

Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Daylight 25-50° Zoom Mid

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	37°	25,700	7,280	6,800	151	48.2
Regulated - Cold	37°	23,700	6,700	6,260	140	47.9
Protected - Cold	37°	15,100	4,290	4,000	90	47.7

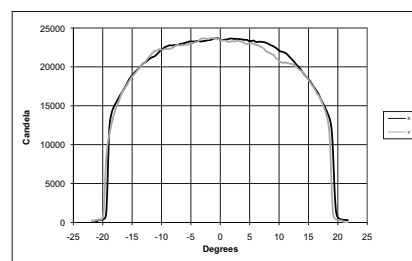
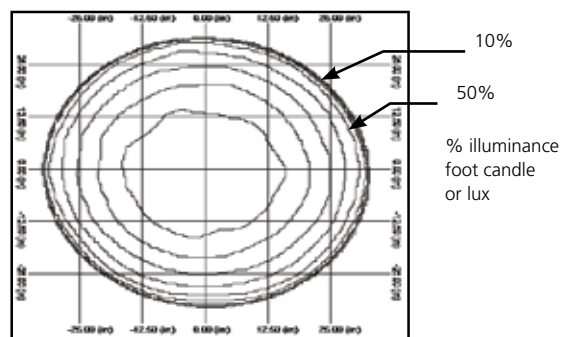
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	153.9'
	3.0m	4.6m	6.1m	9.1m	46.9m
Field Diameter	7.1'	10.6'	14.2'	21.2'	-
	2.2m	3.2m	4.3m	6.5m	-
Illuminance (fc)	237	105	59	26.3	1
Illuminance (lux)	2,551	1,134	638	283	10.76

For field diameter at any distance, multiply distance by 0.708
For beam diameter at any distance, multiply by 0.685

Candela Plot

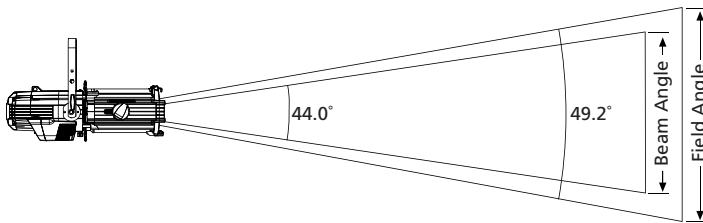
Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Series

Source Four LED Daylight 25-50° Zoom Wide

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	50°	18,100	7,050	5,450	151	46.7
Regulated - Cold	50°	16,700	6,490	5,020	140	46.4
Protected - Cold	50°	10,700	4,150	3,210	90	46.1

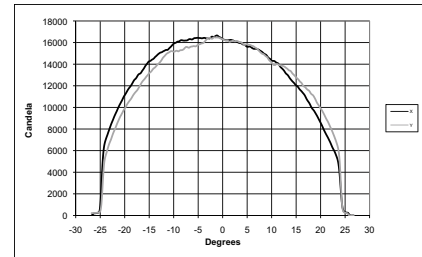
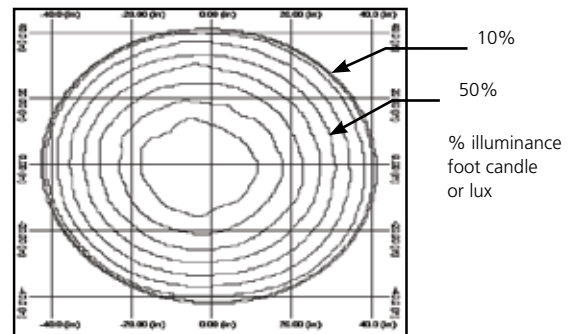
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	129.2'
	3.0m	4.6m	6.1m	9.1m	39.4m
Field Diameter	9.2'	13.7'	18.3'	27.5'	-
	2.8m	4.2m	5.6m	8.4m	-
Illuminance (fc)	167	74	42	18.6	1
Illuminance (lux)	1,798	799	449	200	10.76

For field diameter at any distance, multiply distance by 0.916
For beam diameter at any distance, multiply by 0.808

Candela Plot

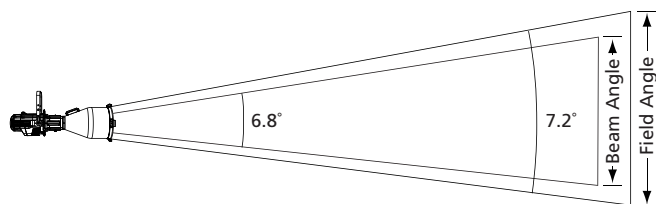
Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Series

Source Four LED Tungsten 5°

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	5°	339,000	3,240	3,160	151	21.5
Regulated - Cold	5°	323,000	3,080	3,010	144	21.4
Protected - Cold	5°	208,000	1,990	1,940	94.5	21.1

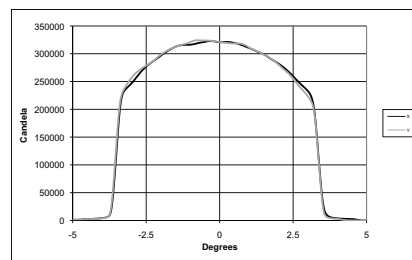
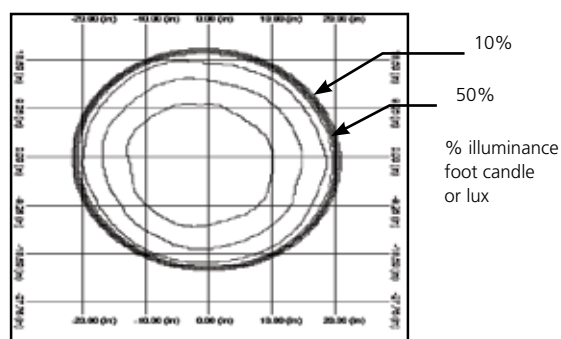
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	568.3'
	3.0m	4.6m	6.1m	9.1m	173.2m
Field Diameter	1.3'	1.9'	2.5'	3.8'	-
	0.4m	0.6m	0.8m	1.2m	
Illuminance (fc)	3,230	1,436	808	358.9	1
Illuminance (lux)	34,767	15,452	8,692	3,863	10.76

For field diameter at any distance, multiply distance by 0.126
For beam diameter at any distance, multiply by 0.119

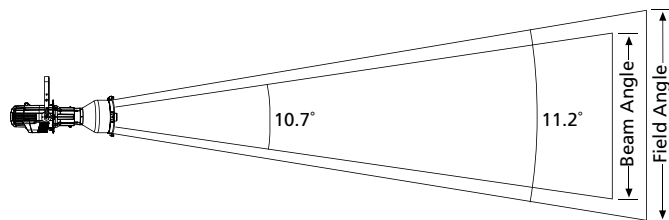
Candela Plot

Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Tungsten 10°

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	10°	184,000	4,190	4,100	151	27.7
Regulated - Cold	10°	175,000	3,990	3,900	144	27.7
Protected - Cold	10°	113,000	2,570	2,510	94.5	27.2

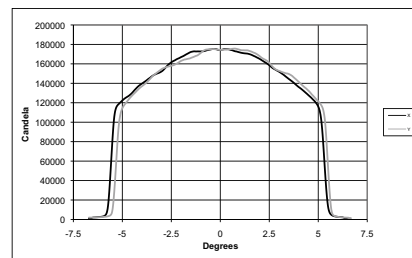
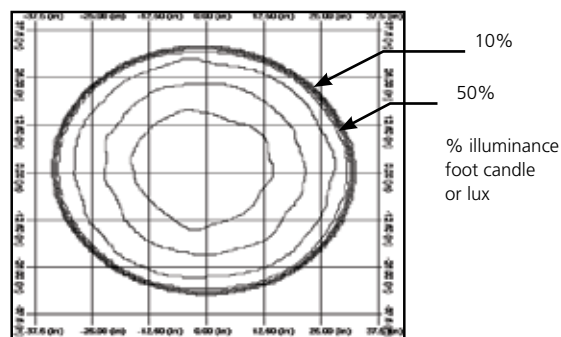
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	418.3'
	3.0m	4.6m	6.1m	9.1m	127.5m
Field Diameter	2.0'	2.9'	3.9'	5.9'	-
	0.6m	0.9m	1.2m	1.8m	
Illuminance (fc)	1,750	778	438	194.4	1
Illuminance (lux)	18,837	8,372	4,709	2,093	10.76

For field diameter at any distance, multiply distance by 0.196
For beam diameter at any distance, multiply by 0.187

Candela Plot

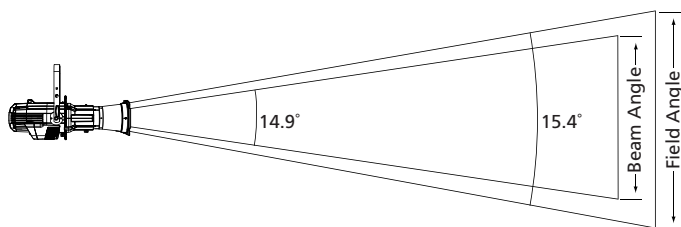
Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Series

Source Four LED Tungsten 14°

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	14°	96,000	4,410	4,360	151	29.2
Regulated - Cold	14°	91,700	4,200	4,150	144	29.2
Protected - Cold	14°	58,900	2,710	2,670	94.5	28.7

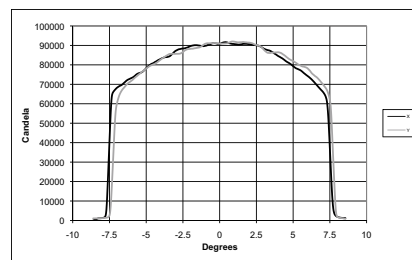
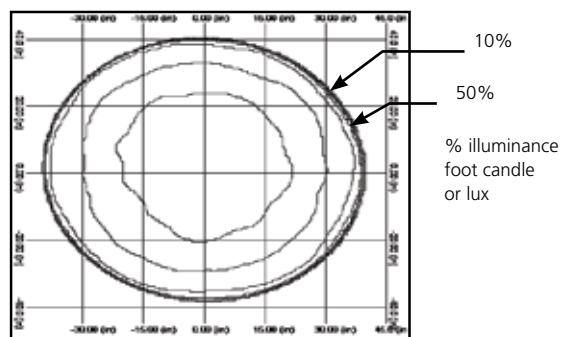
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	302.8'
	3.0m	4.6m	6.1m	9.1m	92.3m
Field Diameter	2.7'	4.1'	5.4'	8.1'	-
	0.8m	1.2m	1.6m	2.5m	-
Illuminance (fc)	917	408	229	101.9	1
Illuminance (lux)	9,870	4,387	2,468	1,097	10.76

For field diameter at any distance, multiply distance by 0.270
For beam diameter at any distance, multiply by 0.262

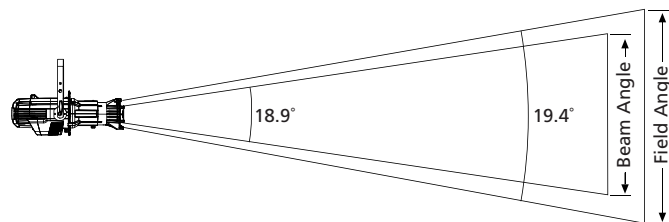
Candela Plot

Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Tungsten 19° EDLT

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	19°	59,300	4,410	4,340	151	29.2
Regulated - Cold	19°	56,400	4,200	4,130	144	29.2
Protected - Cold	19°	36,400	2,710	2,660	94.5	28.7

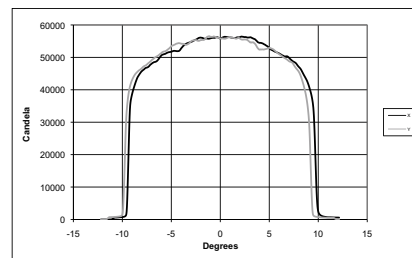
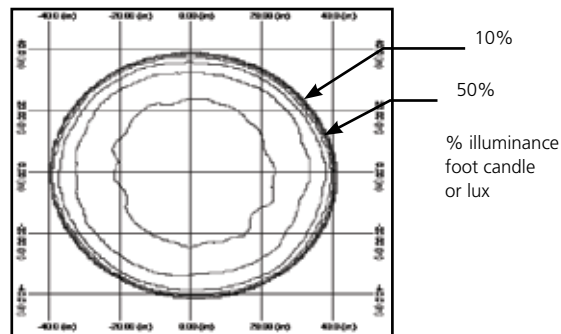
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	237.5'
	3.0m	4.6m	6.1m	9.1m	72.4m
Field Diameter	3.4'	5.1'	6.8'	10.3'	-
	1.0m	1.6m	2.1m	3.1m	-
Illuminance (fc)	564	251	141	62.7	1
Illuminance (lux)	6,071	2,698	1,518	675	10.76

For field diameter at any distance, multiply distance by 0.342
For beam diameter at any distance, multiply by 0.333

Candela Plot

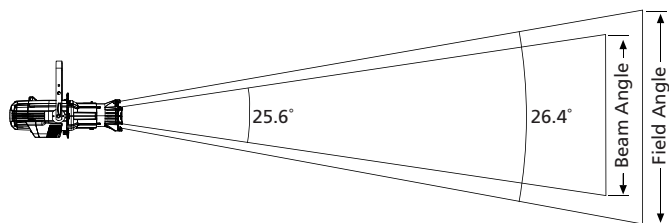
Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Series

Source Four LED Tungsten 26° EDLT

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	26°	42,700	5,450	5,210	151	36.1
Regulated - Cold	26°	40,600	5,190	4,960	144	36.0
Protected - Cold	26°	26,200	3,340	3,200	94.5	35.3

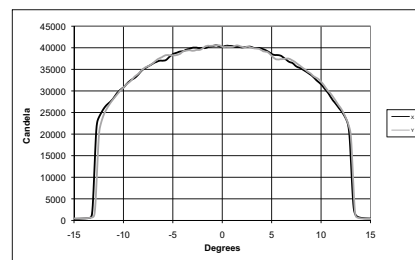
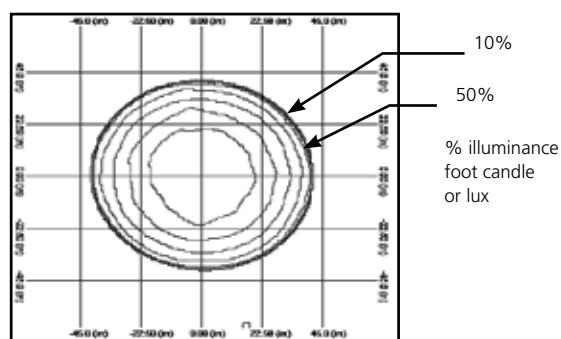
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	201.5'
	3.0m	4.6m	6.1m	9.1m	61.4m
Field Diameter	4.7'	7.0'	9.4'	14.1'	-
	1.4m	2.1m	2.9m	4.3m	-
Illuminance (fc)	406	180	102	45.1	1
Illuminance (lux)	4,370	1,942	1,093	486	10.76

For field diameter at any distance, multiply distance by 0.469
For beam diameter at any distance, multiply by 0.454

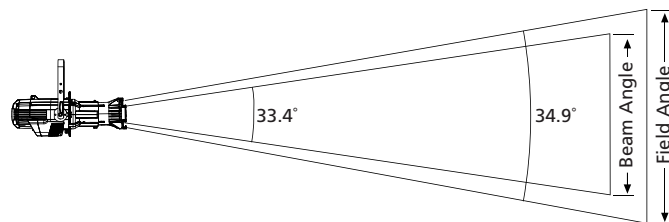
Candela Plot

Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Tungsten 36° EDLT

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	36°	24,100	5,190	4,900	151	34.4
Regulated - Cold	36°	22,900	4,940	4,660	144	34.3
Protected - Cold	36°	14,800	3,180	3,010	94.5	33.7

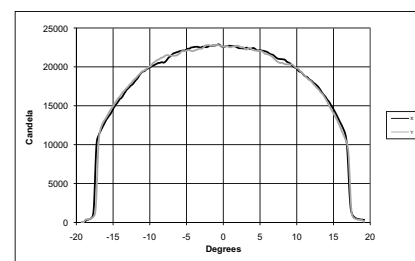
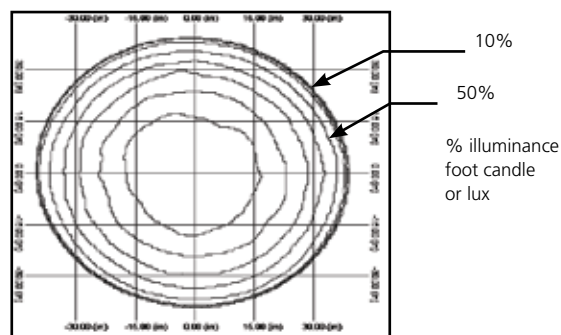
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	151.3'
	3.0m	4.6m	6.1m	9.1m	46.1m
Field Diameter	6.3'	9.4'	12.6'	18.9'	-
	1.9m	2.9m	3.8m	5.7m	-
Illuminance (fc)	229	102	57	25.4	1
Illuminance (lux)	2,465	1,096	616	274	10.76

For field diameter at any distance, multiply distance by 0.629
For beam diameter at any distance, multiply by 0.600

Candela Plot

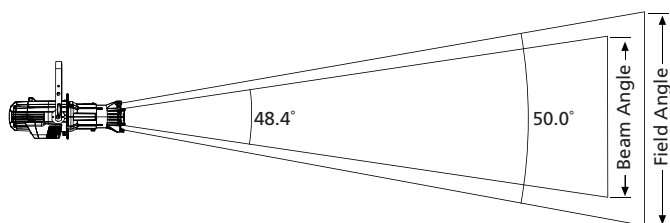
Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Series

Source Four LED Tungsten LED 50° LT

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	50°	12,300	5,630	5,030	151	37.3
Regulated - Cold	50°	11,700	5,360	4,790	144	37.2
Protected - Cold	50°	7,540	3,450	3,090	94.5	36.5

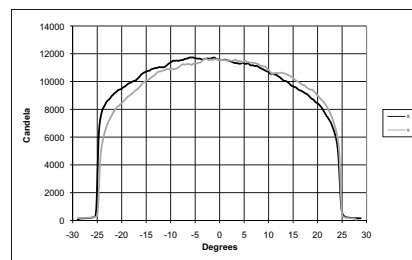
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



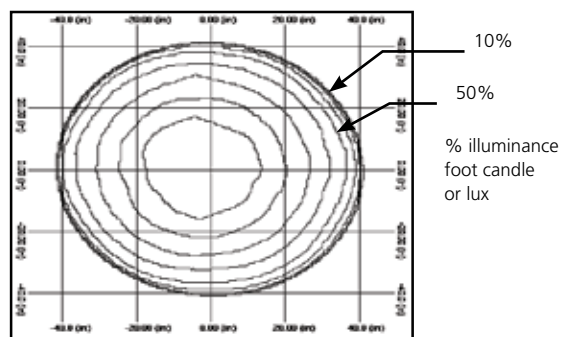
Throw Distance (d)	10'	15'	20'	30'	108.2'
	3.0m	4.6m	6.1m	9.1m	33.0m
Field Diameter	9.3'	14.0'	18.7'	28.0'	-
	2.8m	4.3m	5.7m	8.5m	-
Illuminance (fc)	117	52	29	13.0	1
Illuminance (lux)	1,250	560	315	140	10.76

For field diameter at any distance, multiply distance by 0.933
For beam diameter at any distance, multiply by 0.899

Candela Plot



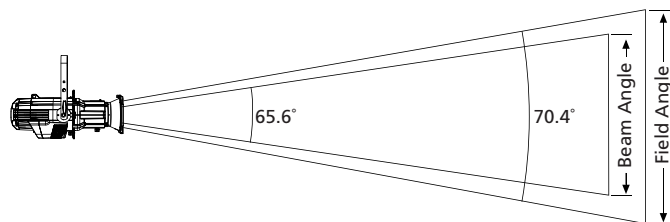
Iso-Illuminance Diagram (Flat Surface Distribution)



Source Four LED Tungsten 70°

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	70°	7,570	6,130	3,950	151	40.6
Regulated - Cold	70°	7,200	5,830	3,760	144	40.5
Protected - Cold	70°	4,640	3,760	2,420	94.5	39.8

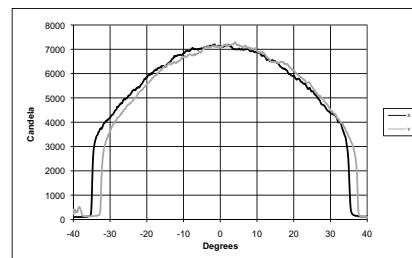
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



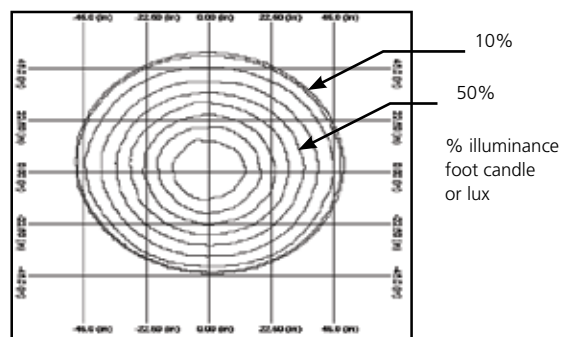
Throw Distance (d)	10'	15'	20'	30'	84.9'
	3.0m	4.6m	6.1m	9.1m	25.9m
Field Diameter	14.1'	21.2'	28.2'	42.3'	-
	4.3m	6.5m	8.6m	12.9m	-
Illuminance (fc)	72	32	18	8.0	1
Illuminance (lux)	775	344	194	86	10.76

For field diameter at any distance, multiply distance by 1.411
For beam diameter at any distance, multiply by 1.289

Candela Plot



Iso-Illuminance Diagram (Flat Surface Distribution)

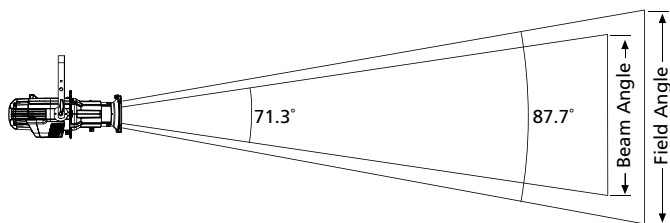


Source Four LED Series

Source Four LED Tungsten 90°

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	90°	5,630	5,930	3,250	151	39.3
Regulated - Cold	90°	5,360	5,640	3,090	144	39.2
Protected - Cold	90°	3,450	3,640	1,990	94.5	38.5

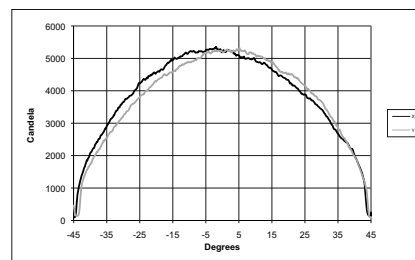
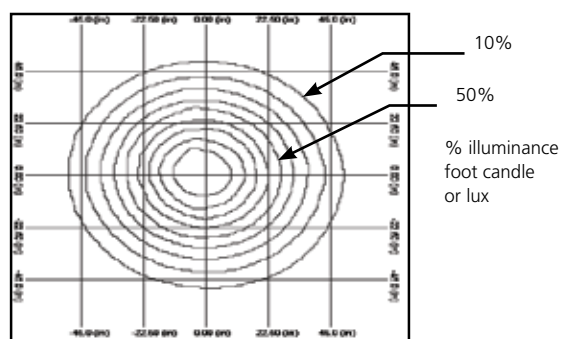
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	73.2'
	3.0m	4.6m	6.1m	9.1m	22.3m
Field Diameter	19.2'	28.8'	38.4'	57.6'	—
	5.9m	8.8m	11.7m	17.6m	—
Illuminance (fc)	54	24	13	6.0	1
Illuminance (lux)	577	256	144	64	10.76

For field diameter at any distance, multiply distance by 1.921
For beam diameter at any distance, multiply by 1.435

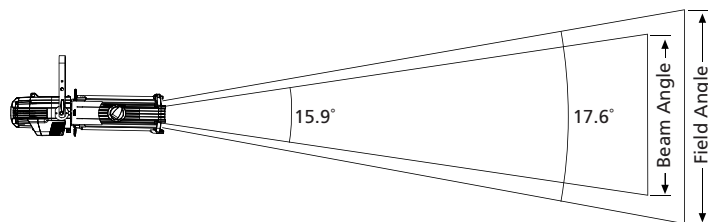
Candela Plot

Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Tungsten 15-30° Zoom Narrow

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	15°	84,000	4,280	3,730	151	28.3
Regulated - Cold	15°	79,900	4,070	3,550	144	28.3
Protected - Cold	15°	51,500	2,630	2,290	94.5	27.8

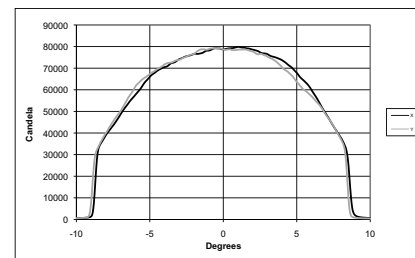
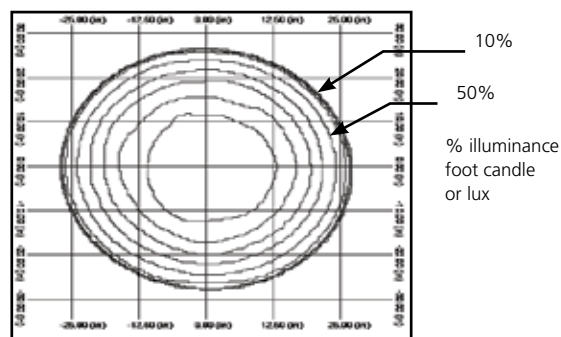
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	282.7'
	3.0m	4.6m	6.1m	9.1m	86.2m
Field Diameter	3.1'	4.6'	6.2'	9.3'	—
	0.9m	1.4m	1.9m	2.8m	—
Illuminance (fc)	799	355	200	88.8	1
Illuminance (lux)	8,600	3,822	2,150	956	10.76

For field diameter at any distance, multiply distance by 0.310
For beam diameter at any distance, multiply by 0.279

Candela Plot

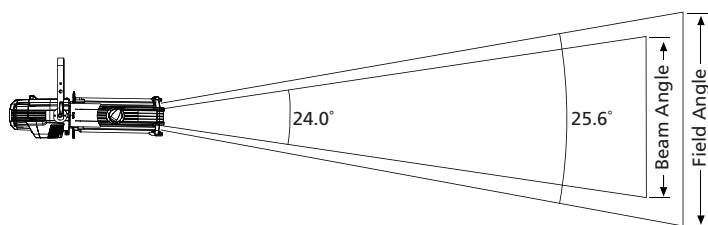
Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Series

Source Four LED Tungsten 15-30° Zoom Mid

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	23°	44,800	4,890	4,260	151	32.4
Regulated - Cold	23°	42,600	4,650	4,050	144	32.3
Protected - Cold	23°	27,500	3,000	2,610	94.5	31.7

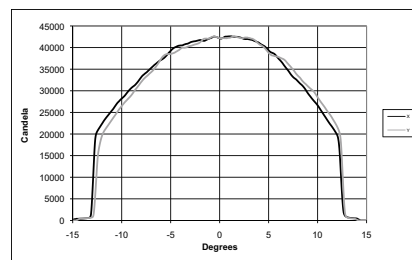
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



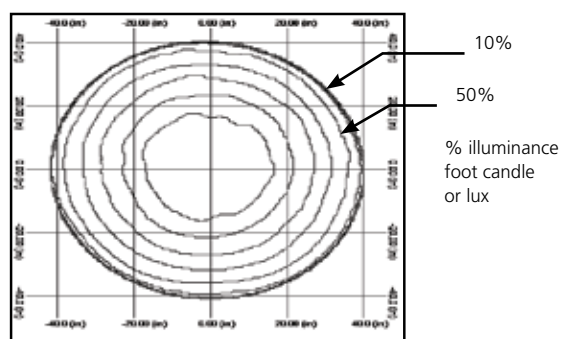
Throw Distance (d)	10'	15'	20'	30'	206.4'
	3.0m	4.6m	6.1m	9.1m	62.9m
Field Diameter	4.5'	6.8'	9.1'	13.6'	—
	1.4m	2.1m	2.8m	4.2m	—
Illuminance (fc)	426	189	107	47.3	1
Illuminance (lux)	4,585	2,038	1,146	509	10.76

For field diameter at any distance, multiply distance by 0.454
For beam diameter at any distance, multiply by 0.425

Candela Plot



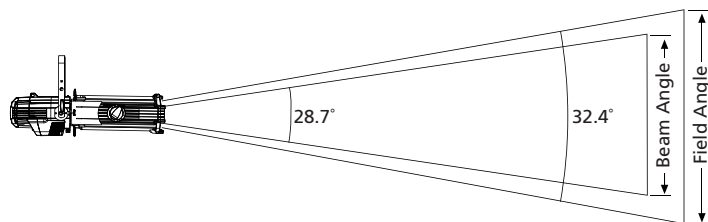
Iso-Illuminance Diagram (Flat Surface Distribution)



Source Four LED Tungsten 15-30° Zoom Wide

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	30°	26,300	4,470	3,570	151	29.6
Regulated - Cold	30°	25,000	4,250	3,400	144	29.5
Protected - Cold	30°	16,100	2,740	2,190	94.5	29.0

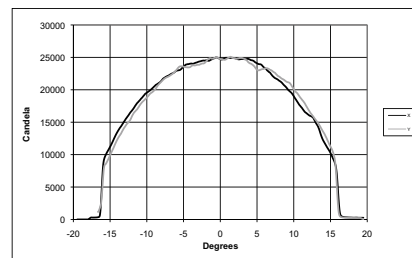
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



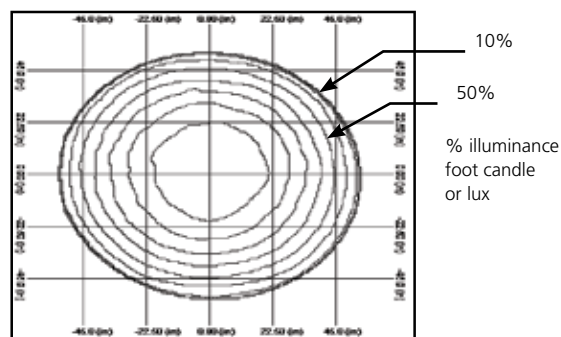
Throw Distance (d)	10'	15'	20'	30'	158.1'
	3.0m	4.6m	6.1m	9.1m	48.2m
Field Diameter	5.8'	8.7'	11.6'	17.4'	—
	1.8m	2.7m	3.5m	5.3m	—
Illuminance (fc)	250	111	63	27.8	1
Illuminance (lux)	2,691	1,196	673	299	10.76

For field diameter at any distance, multiply distance by 0.581
For beam diameter at any distance, multiply by 0.512

Candela Plot



Iso-Illuminance Diagram (Flat Surface Distribution)

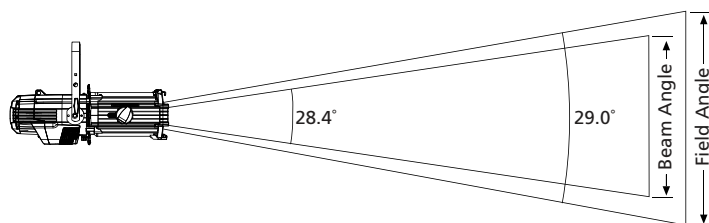


Source Four LED Series

Source Four LED Tungsten 25-50° Zoom Narrow

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	25°	32,500	5,500	5,400	151	36.4
Regulated - Cold	25°	30,900	5,230	5,140	144	36.3
Protected - Cold	25°	19,900	3,370	3,310	94.5	35.7

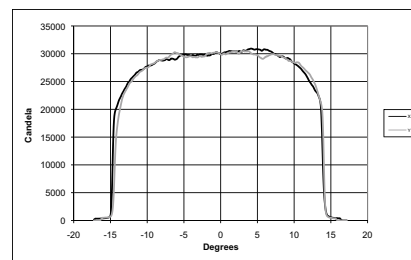
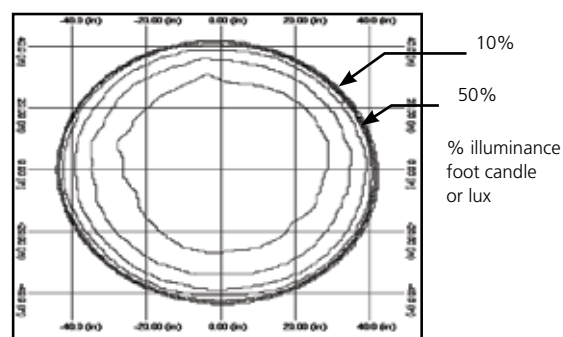
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	175.8'
	3.0m	4.6m	6.1m	9.1m	53.6m
Field Diameter	5.2'	7.8'	10.3'	15.5'	-
	1.6m	2.4m	3.2m	4.7m	-
Illuminance (fc)	309	137	77	34.3	1
Illuminance (lux)	3,326	1,478	832	370	10.76

For field diameter at any distance, multiply distance by 0.517
For beam diameter at any distance, multiply by 0.506

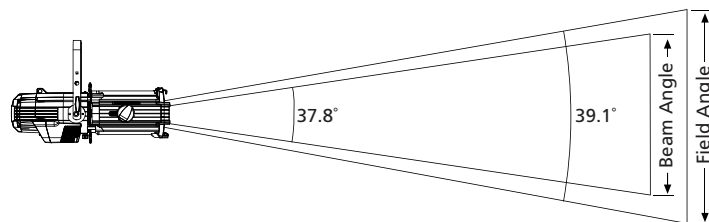
Candela Plot

Iso-Illuminance Diagram
(Flat Surface Distribution)

Source Four LED Tungsten 25-50° Zoom Mid

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	37°	21,400	5,940	5,490	151	39.3
Regulated - Cold	37°	20,400	5,650	5,220	144	39.2
Protected - Cold	37°	13,100	3,640	3,370	94.5	38.5

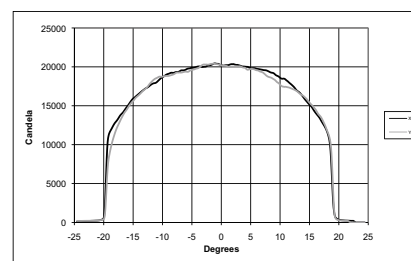
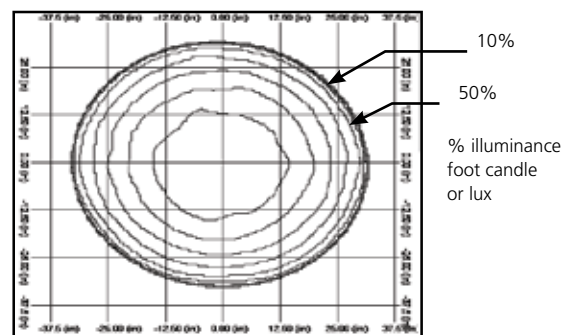
Metric Conversions: For Meters multiply feet by .3048
For Lux multiply footcandles by 10.76



Throw Distance (d)	10'	15'	20'	30'	142.8'
	3.0m	4.6m	6.1m	9.1m	43.5m
Field Diameter	7.1'	10.7'	14.2'	21.3'	-
	2.2m	3.2m	4.3m	6.5m	-
Illuminance (fc)	204	91	51	22.7	1
Illuminance (lux)	2,196	976	549	244	10.76

For field diameter at any distance, multiply distance by 0.710
For beam diameter at any distance, multiply by 0.685

Candela Plot

Iso-Illuminance Diagram
(Flat Surface Distribution)

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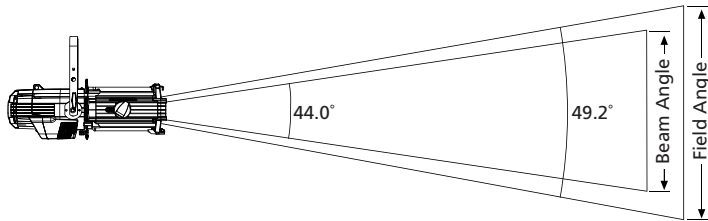
Source Four LED™ Photometrics Guide

Source Four LED Series

Source Four LED Tungsten 25-50° Zoom Wide

Mode	Degree	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
Boost - Cold	50°	14,800	5,760	4,400	151	38.1
Regulated - Cold	50°	14,100	5,480	4,190	144	38.1
Protected - Cold	50°	9,100	3,530	2,700	94.5	37.4

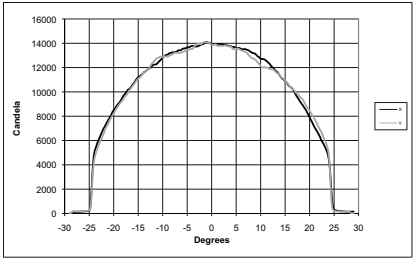
Metric Conversions: For Meters multiply feet by .3048
 For Lux multiply footcandles by 10.76



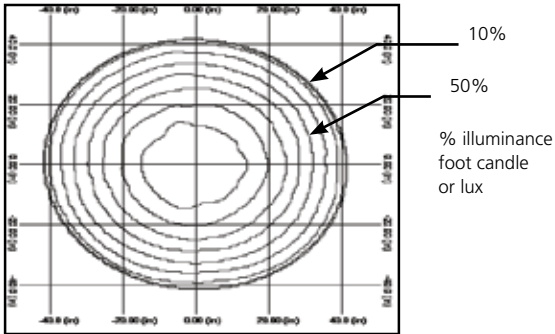
Throw Distance (d)	10'	15'	20'	30'	118.7'
	3.0m	4.6m	6.1m	9.1m	36.2m
Field Diameter	9.2'	13.7'	18.3'	27.5'	-
	2.8m	4.2m	5.6m	8.4m	-
Illuminance (fc)	141	63	35	15.7	1
Illuminance (lux)	1,518	675	379	169	10.76

For field diameter at any distance, multiply distance by 0.916
 For beam diameter at any distance, multiply by 0.808

Candela Plot



Iso-Illuminance Diagram
(Flat Surface Distribution)





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