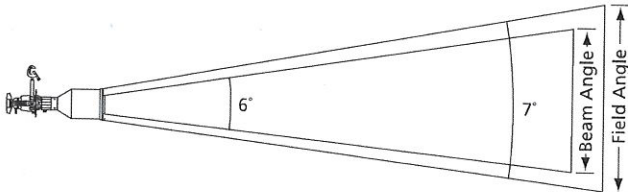


# Frost Productions

## Source Four Photometrics

### Source Four® 5°



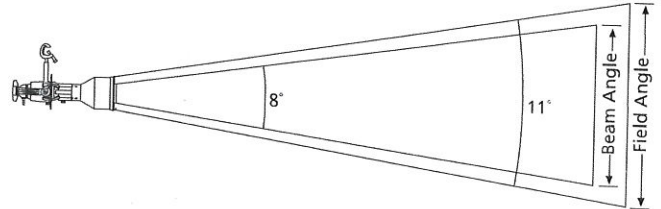
<b>Throw Distance (d)</b>	65' 19.8m	100' 30.5m	135' 41.1m	165' 50.3m
<b>Field Diameter</b>	7.9' 2.4m	12.2' 3.7m	16.4' 5.0m	20.1' 6.1m
<b>Illuminance (fc)</b>	318	135	74	49
<b>Illuminance (lux)</b>	3,427	1,448	795	532

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 .12

For Beam diameter at any distance, multiply distance by .10

### Source Four® 10°



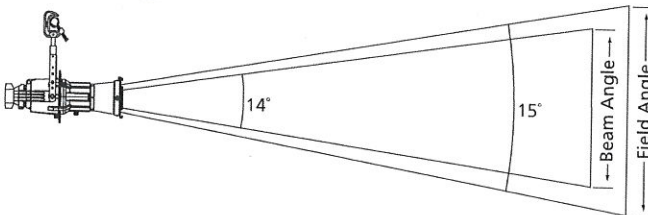
<b>Throw Distance (d)</b>	45' 13.7m	70' 21.3m	100' 30.5m	125' 38.1m
<b>Field Diameter</b>	8.5' 2.6m	13.2' 4.0m	18.9' 5.8m	23.6' 7.2m
<b>Illuminance (fc)</b>	387	160	78	50
<b>Illuminance (lux)</b>	4,164	1,721	843	540

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 .19

For Beam diameter at any distance, multiply distance by .14

### Source Four® 14°



<b>Throw Distance (d)</b>	30' 9.1m	50' 15.2m	70' 21.3m	90' 27.4m
<b>Field Diameter</b>	7.8' 2.4m	12.9' 3.9m	18.1' 5.5m	23.3' 7.1m
<b>Illuminance (fc)</b>	450	162	83	50
<b>Illuminance (lux)</b>	4,841	1,743	890	538

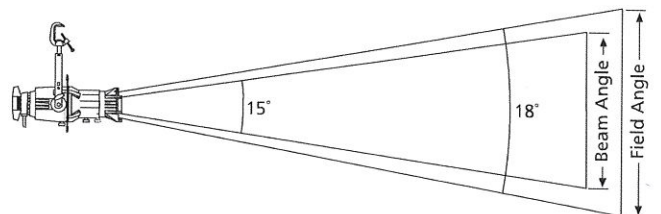
For illumination with any lamp, multiply the candlepower of a beam spread by the multiplying factor (mf) shown for that lamp.

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

For Field diameter at any distance, multiply distance by .26

For Beam diameter at any distance, multiply distance by .21

### Source Four® 19°



<b>Throw Distance (d)</b>	25' 7.6m	40' 12.2m	55' 16.7m	70' 21.3m
<b>Field Diameter</b>	8' 2.4m	13' 3.9m	18' 5.4m	22' 6.8m
<b>Illuminance (fc)</b>	392	153	81	50
<b>Illuminance (lux)</b>	4,217	1,648	872	538

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

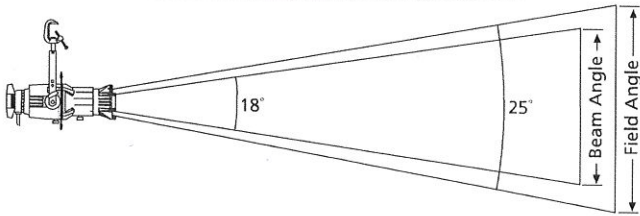
For Field diameter at any throw distance, multiply the throw distance by .32

For Beam diameter at any throw distance, multiply the throw distance by .26

# Frost Productions

## Source Four Photometrics

### Source Four® 26°



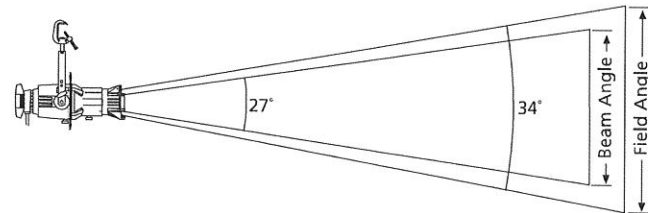
<b>Throw Distance (d)</b>	15' 4.6m	30' 9.1m	45' 13.7m	60' 18.1m
<b>Field Diameter</b>	6.7' 2.0m	13.4' 4.1m	20.1' 6.1m	26.8' 8.2m
<b>Illuminance (fc)</b>	783	196	87	49
<b>Illuminance (lux)</b>	8,432	2,108	937	527

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

For Field diameter at any throw distance, multiply the throw distance by .45

For Beam diameter at any throw distance, multiply the throw distance by .32

### Source Four® 36°



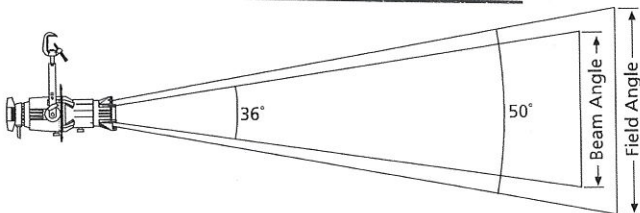
<b>Throw Distance (d)</b>	15' 4.6m	25' 7.6m	35' 10.7m	45' 13.7m
<b>Field Diameter</b>	9.2' 2.8m	15.3' 4.7m	21.4' 6.5m	27.6' 8.4m
<b>Illuminance (fc)</b>	404	145	74	45
<b>Illuminance (lux)</b>	4,348	1,565	799	483

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 .61

For Beam diameter at any distance, multiply distance by .47

### Source Four® 50°



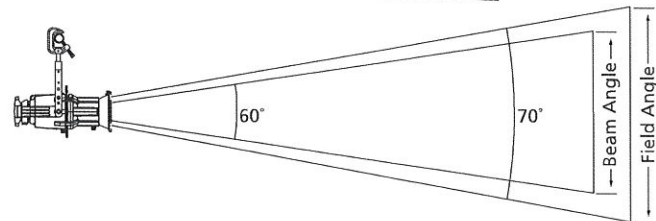
<b>Throw Distance (d)</b>	10' 3m	15' 4.6	25' 7.6m	30' 9.1m
<b>Field Diameter</b>	9.3' 2.8m	14' 4.3m	23.3' 7.1m	27.9' 8.5m
<b>Illuminance (fc)</b>	457	203	73	51
<b>Illuminance (lux)</b>	4,914	2,184	786	546

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 .93

For Beam diameter at any distance, multiply distance by .65

### Source Four® 70°



<b>Throw Distance (d)</b>	5' 1.5m	10' 3.0m	15' 4.6m	20' 6.1m
<b>Field Diameter</b>	7' 2.1m	14' 4.3m	21' 6.4m	28' 8.5m
<b>Illuminance (fc)</b>	891	223	99	56
<b>Illuminance (lux)</b>	9,589	2,397	1,065	599

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.

For Field diameter at any distance, multiply distance by 1.40

For Beam diameter at any distance, multiply distance by 1.14