

A world map composed of a grid of small grey dots, with a few red dots scattered across the continents.

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BEST BOY® 4000 SPOT LUMINAIRE PHOTOMETRICS

REFERENCE GUIDE

Narrow Field of View

Iris Full Open
 9° Full Angle
 19,100 Field Lumens

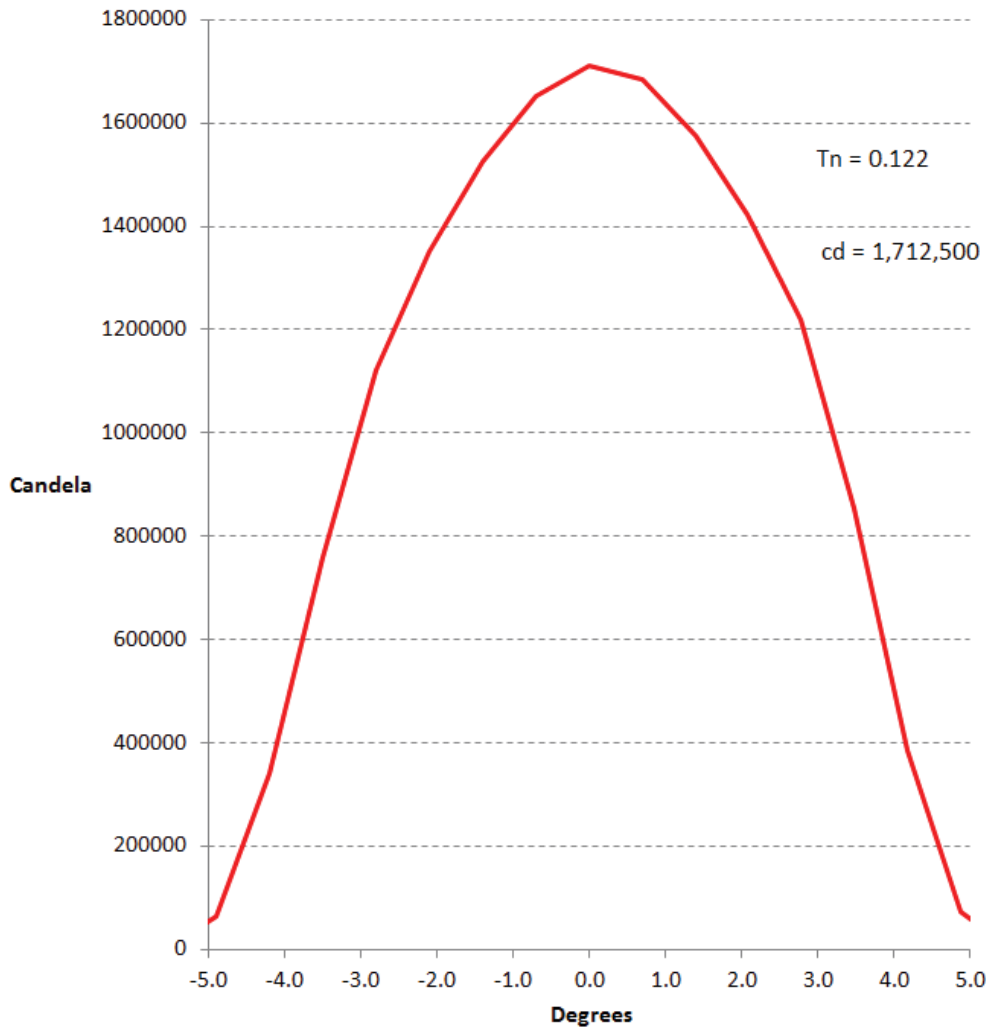
Throw Dist. (Ft)	20	30	50	75	100
Beam Dia. (Ft)	2.4	3.7	6.1	9.2	12.2
Illuminance (fc)	4281	1903	685	304	171
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Throw Dist. (m)	5	10	20	25	30
Beam Dia. (m)	0.6	1.2	2.4	3.1	3.7
Illuminance (lux)	68500	17125	4281	2740	1903

Multiply throw distance by Tn to find beam diameter.

Divide cd (candela) by distance squared to find center beam illuminance.

Dist. in Ft. = foot candles

Dist. in meters = lux



Medium Field of View

Iris Full Open
 38° Full Angle
 19,100 Field Lumens

Throw Dist. (Ft)	20	30	50	75	100
Beam Dia. (Ft)	10.7	16.1	26.8	40.2	53.6
Illuminance (fc)	228	101	36	16	9

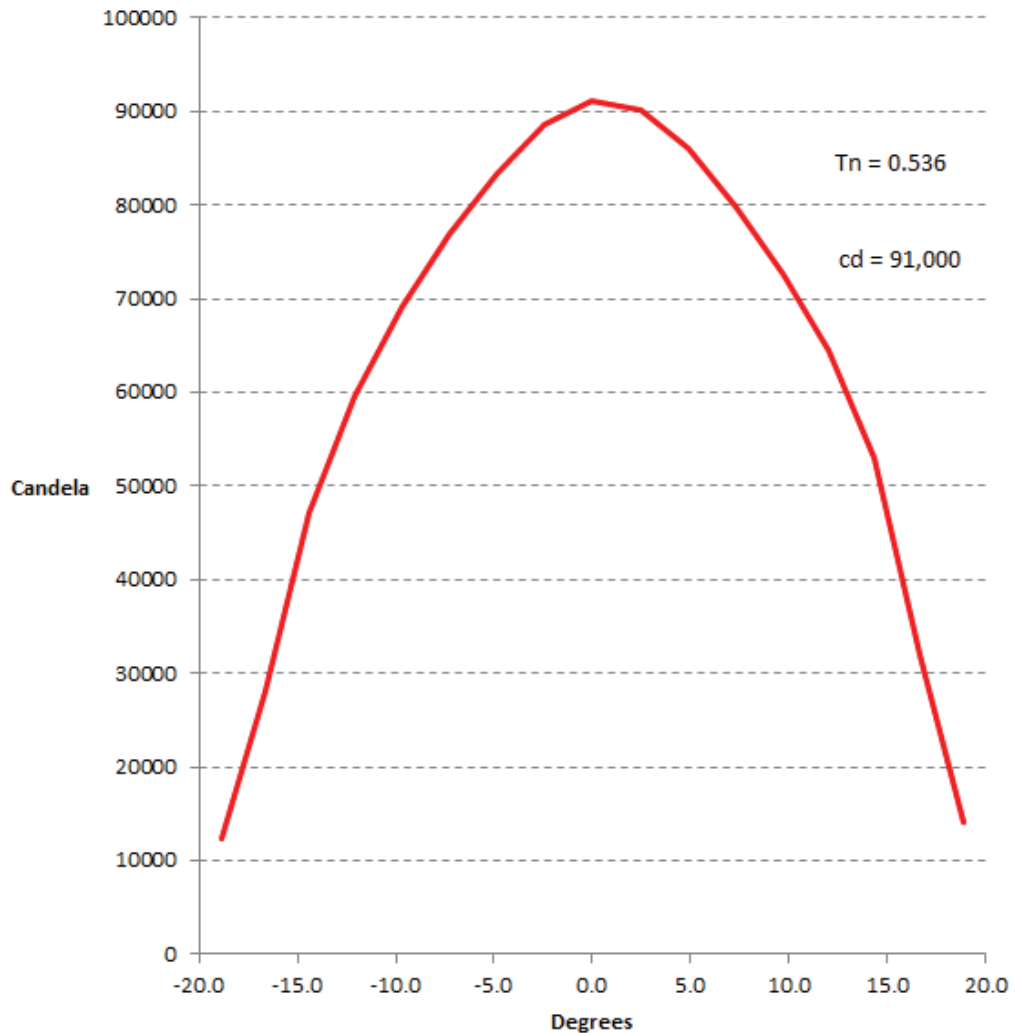
Throw Dist. (m)	5	10	20	25	30
Beam Dia. (m)	2.7	5.4	10.7	13.4	16.1
Illuminance (lux)	3640	910	228	146	101

Multiply throw distance by Tn to find beam diameter.

Divide cd (candela) by distance squared to find center beam illuminance.

Dist. in Ft. = foot candles

Dist. in meters = lux



Wide Field of View

Iris Full Open
66° Full Angle
19,500 Field Lumens

Throw Dist. (Ft)	20	30	50	75	100
Beam Dia. (Ft)	18.2	27.3	45.6	68.3	91.1
Illuminance (fc)	71	32	11	5	3
Throw Dist. (m)	5	10	20	25	30
Beam Dia. (m)	4.6	9.1	18.2	22.8	27.3
Illuminance (lux)	1140	285	71	46	32

Multiply throw distance by Tn to find beam diameter.

Divide cd (candela) by distance squared to find center beam illuminance.

Dist. in Ft. = foot candles

Dist. in meters = lux

