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BEST BOY® HP SPOT LUMINAIRE PHOTOMETRICS

REFERENCE GUIDE

Narrow Field of View

Iris Full Open
9º Full Angle
26,875 Total Lumens

Throw Dist. (Ft)	20	30	50	75	100
Beam Dia. (Ft)	2.4	3.7	6.1	9.2	12.2
Illuminance (fc)	6510	2893	1042	463	260
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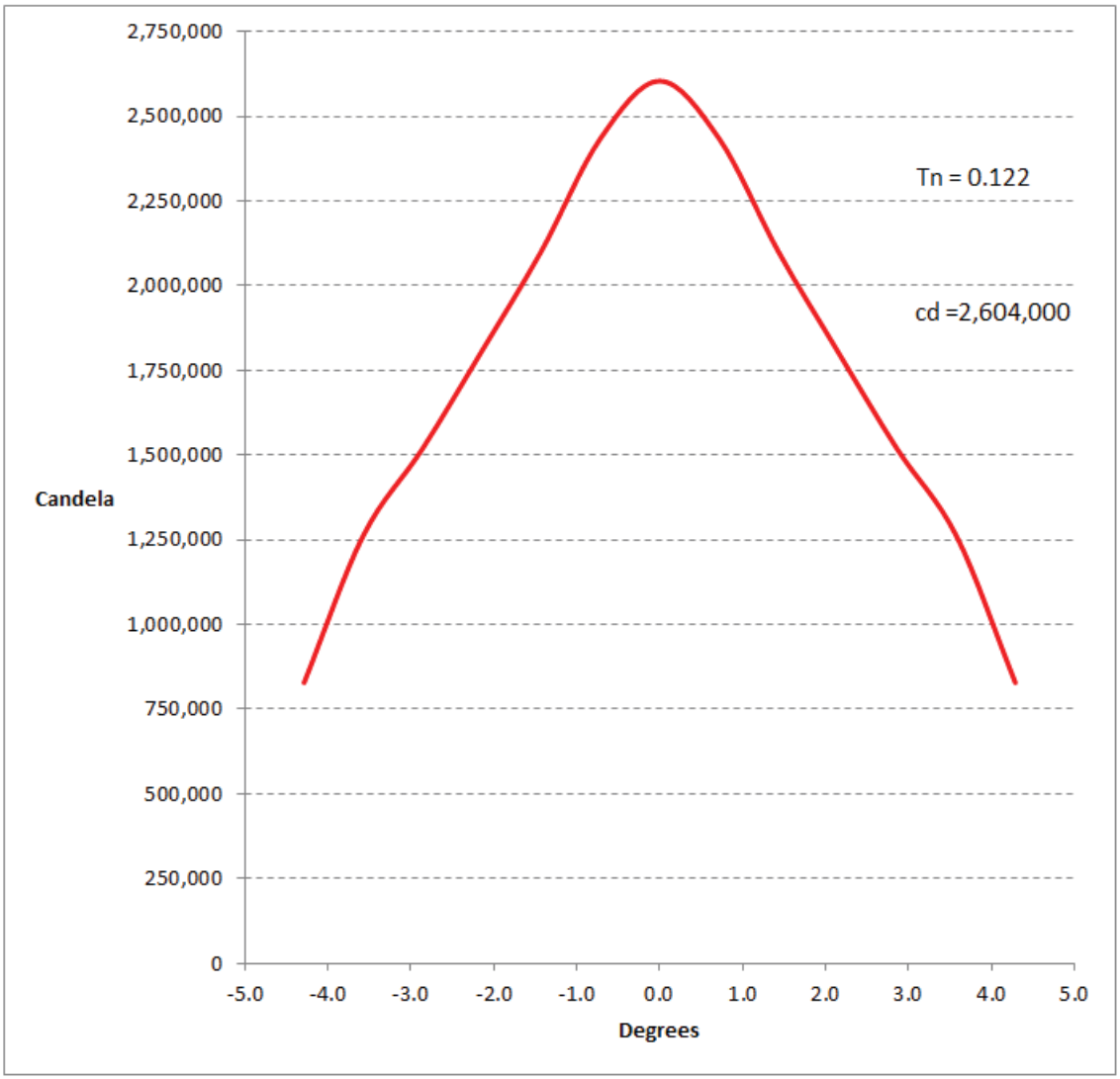
Throw Dist. (m)	5	10	20	25	30
Beam Dia. (m)	0.6	1.2	2.4	3.1	3.7
Illuminance (lux)	104160	26040	6510	4166	2893

Multiply throw distance by Tn to find beam diameter.

Divide cd (candela) by distance squared to find center beam illuminance.
Distance in feet = foot candles
Distance in meters = lux



Medium Field of View

Iris Full Open
39º Full Angle
32,000 Total Lumens

Throw Dist. (Ft)	20	30	50	75	100
Beam Dia. (Ft)	12.2	18.3	30.6	45.8	61.1
Illuminance (fc)	333	148	53	24	13
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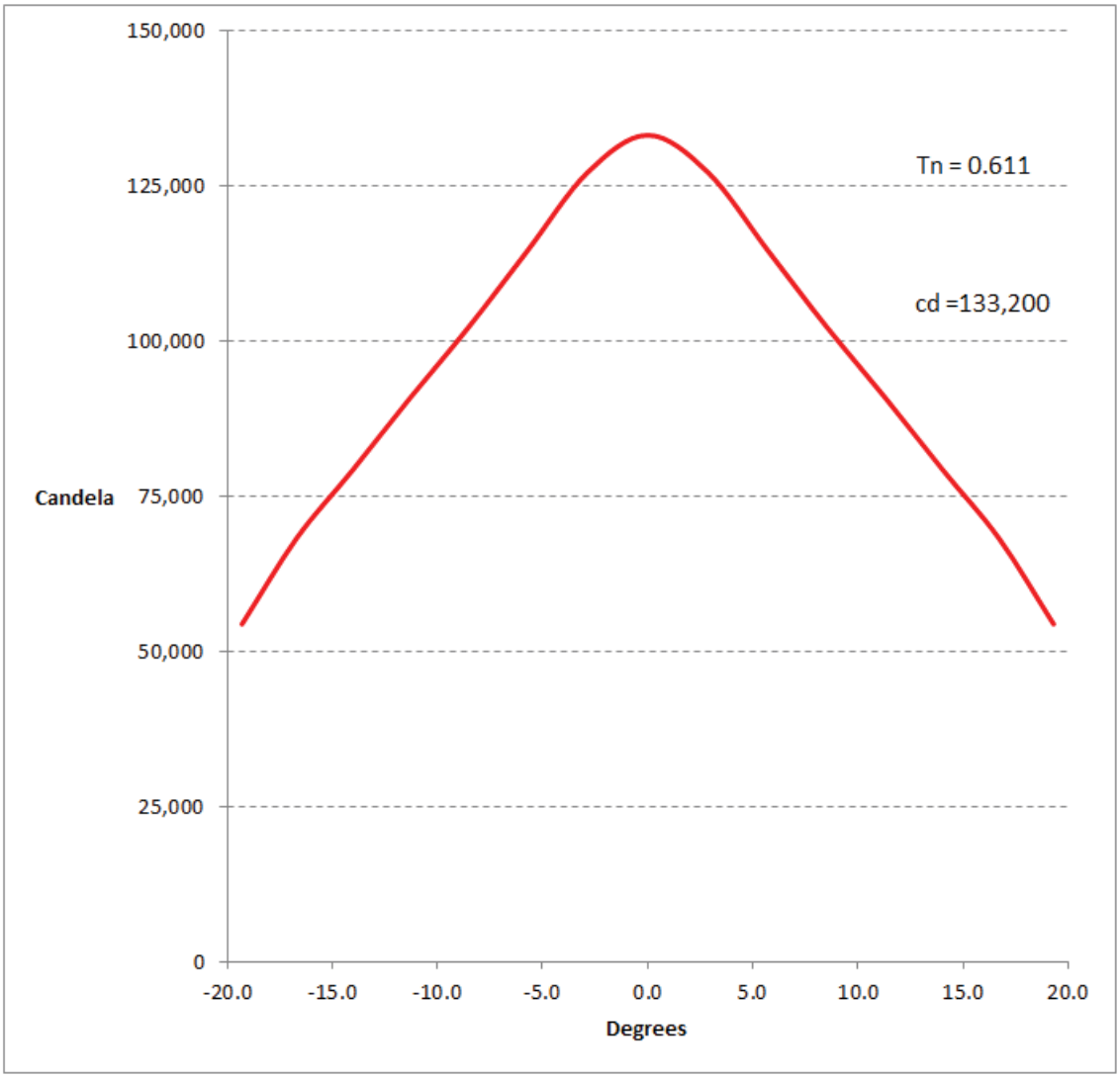
Throw Dist. (m)	5	10	20	25	30
Beam Dia. (m)	3.1	6.1	12.2	15.3	18.3
Illuminance (lux)	5328	1332	333	213	148

Multiply throw distance by Tn to find beam diameter.

Divide cd (candela) by distance squared to find center beam illuminance.
Distance in feet = foot candles
Distance in meters = lux



Wide Field of View

Iris Full Open
66º Full Angle
33,000 Total Lumens

Throw Dist. (Ft)	20	30	50	75	100
Beam Dia. (Ft)	17.8	26.7	44.5	66.8	89.0
Illuminance (fc)	122	54	20	9	5
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Throw Dist. (m)	5	10	20	25	30
Beam Dia. (m)	4.5	8.9	17.8	22.3	26.7
Illuminance (lux)	1952	488	122	78	54

Multiply throw distance by Tn to find beam diameter.

Divide cd (candela) by distance squared to find center beam illuminance.
Distance in feet = foot candles
Distance in meters = lux