

SOFTWARE VERSION 1.6

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BAD BOY® SPOT LUMINAIRE PHOTOMETRICS

USER MANUAL

Narrow Zoom

Iris Full Open
8° Full Angle
40,000 beam Lumens

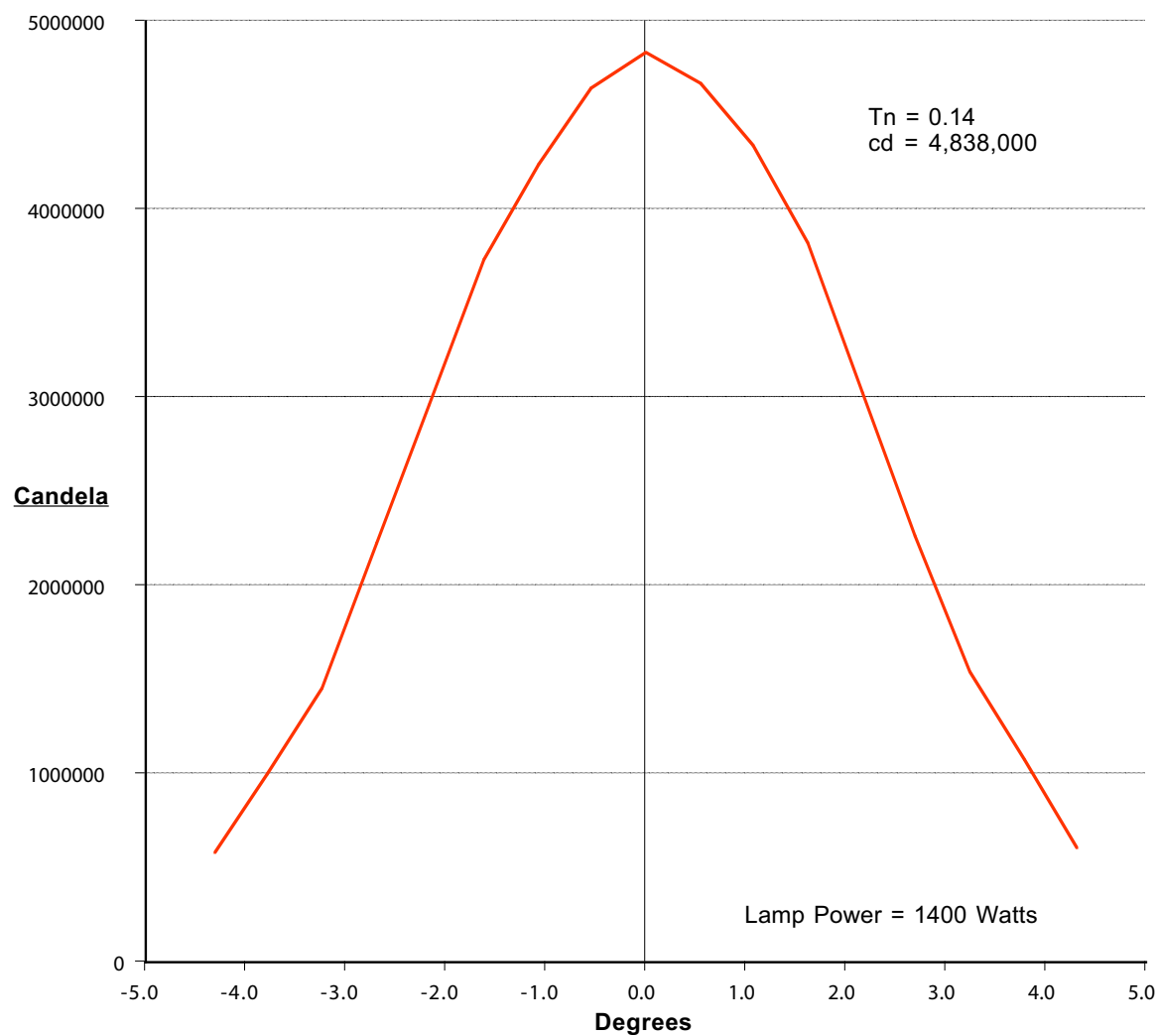
Throw Dist (Ft)	20	30	50	75	100
Beam Dia. (Ft)	2.8	4.2	7.0	10.5	14.0
Illuminance (fc)	12095	5376	1935	860	484
Throw Dist (m)	5	10	20	25	30
Beam Dia. (m)	0.7	1.4	2.8	3.5	4.2
Illuminance (lux)	193520	48380	12095	7741	5376

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 Zoom

Iris Full Open
34° Full Angle
48,000 beam Lumens

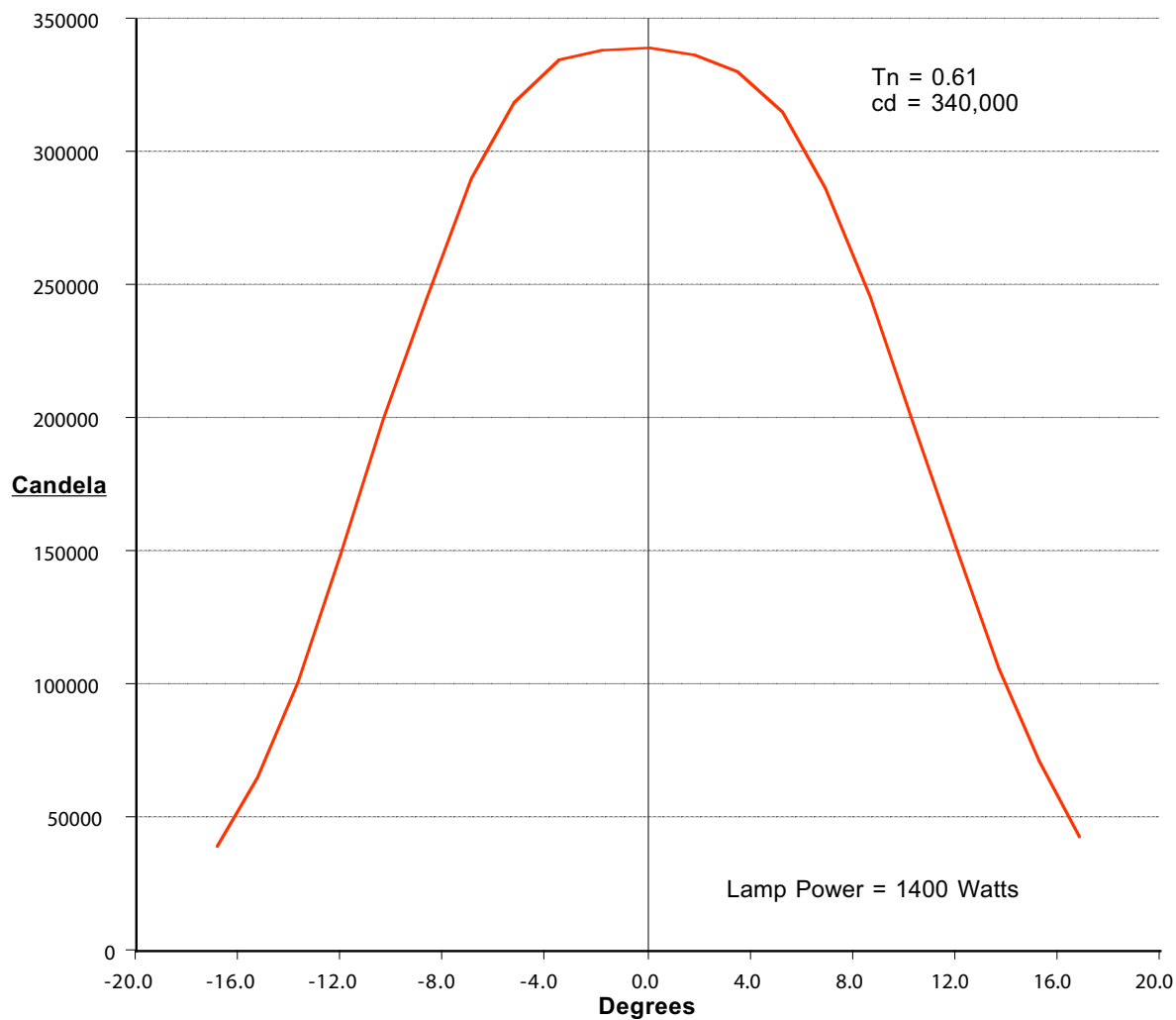
Throw Dist (Ft)	20	30	50	75	100
Beam Dia. (Ft)	12.2	18.3	30.6	45.9	61.1
Illuminance (fc)	850	378	136	60	34
Throw Dist (m)	5	10	20	25	30
Beam Dia. (m)	3.1	6.1	12.2	15.3	18.3
Illuminance (lux)	13600	3400	850	544	378

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 Zoom

Iris Full Open
56° Full Angle
50,000 beam Lumens

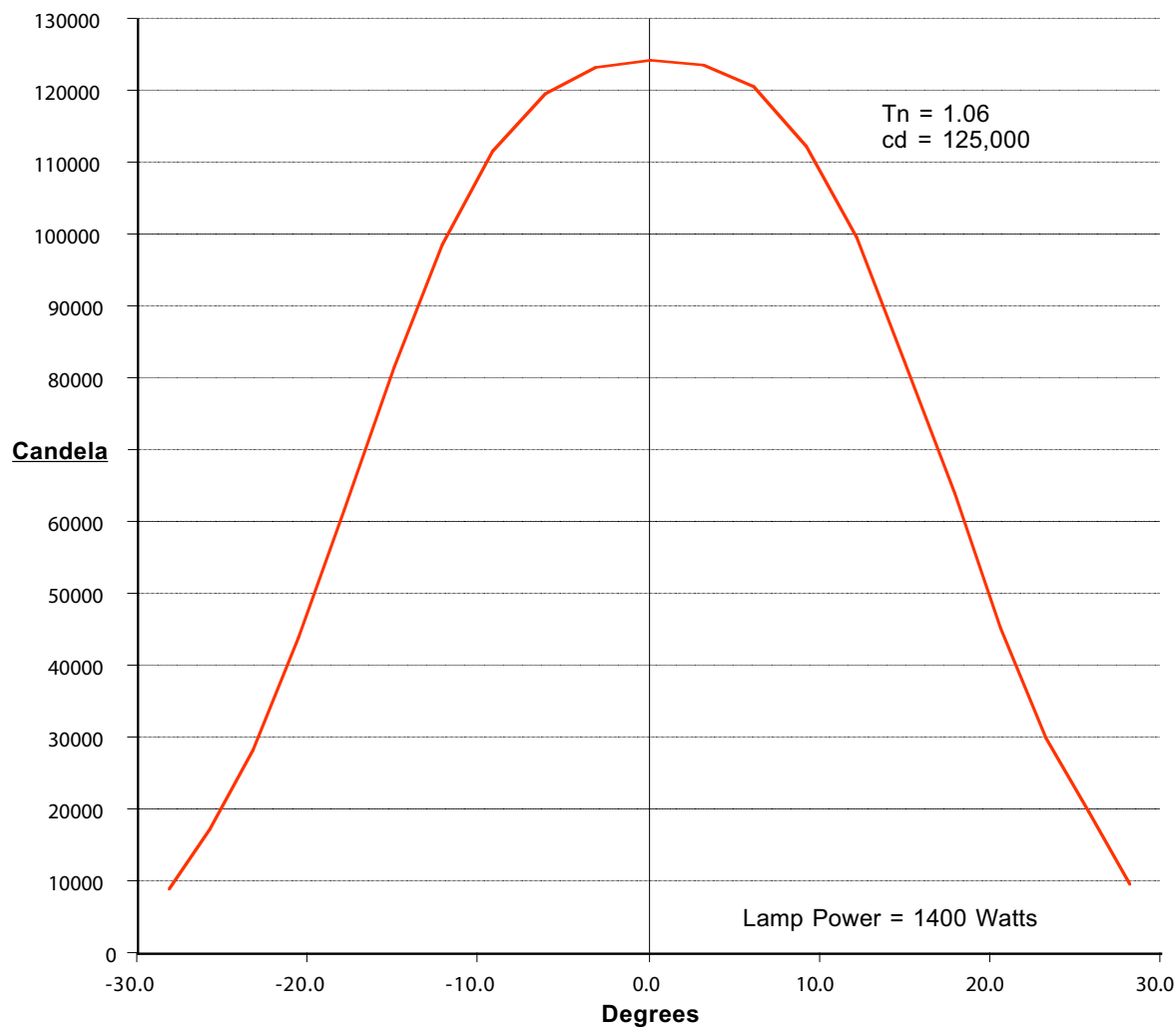
Throw Dist (Ft)	20	30	50	75	100
Beam Dia. (Ft)	21.3	31.9	53.2	79.7	106.3
Illuminance (fc)	312	139	50	22	12
Throw Dist (m)	5	10	20	25	30
Beam Dia. (m)	5.3	10.6	21.3	26.6	31.9
Illuminance (lux)	5000	1250	312	200	139

Multiply throw distance by Tn to find beam diameter.

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

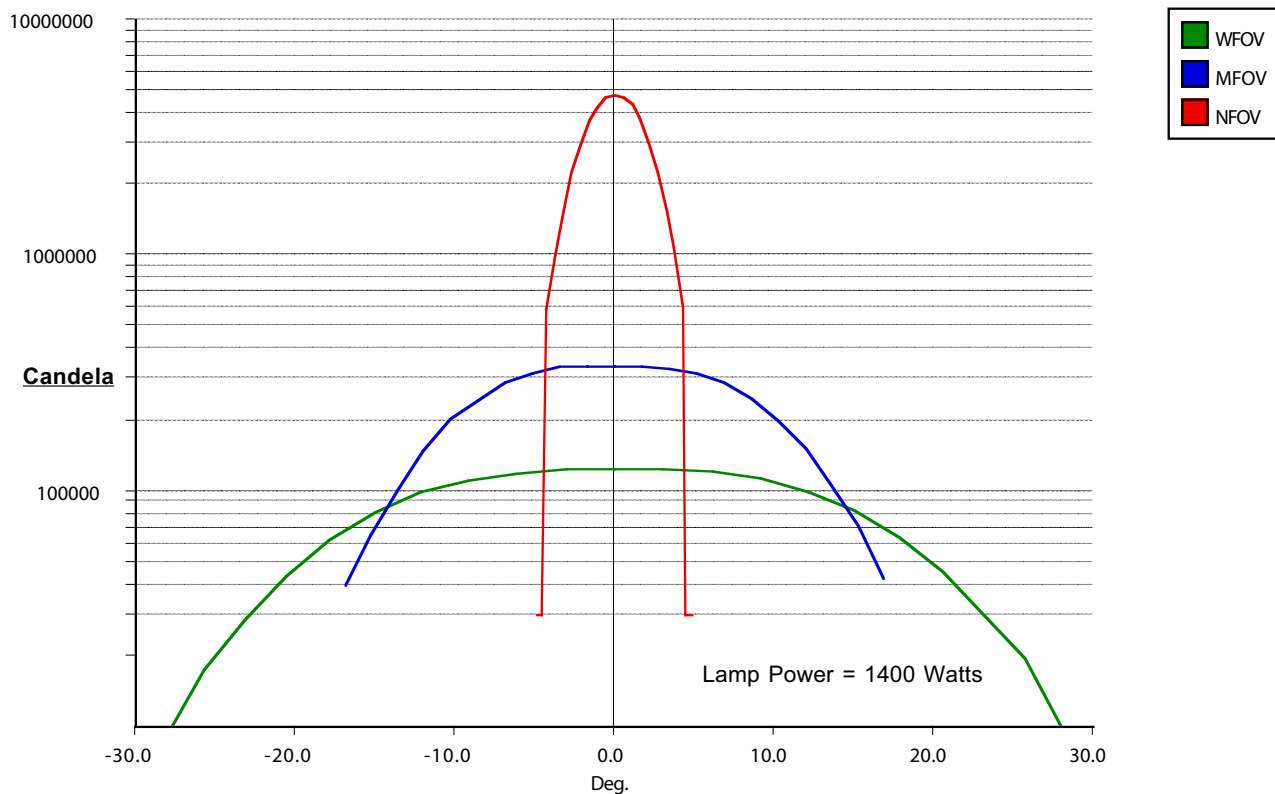
Dist. in Ft. = foot candles

Dist. in meters = lux



Logarithmic Beam Illuminance Comparison

8°, 34° and 56° Zoom settings.
(DMX Values 00000, 30192, & 57700)



Operation at Reduced Power

56° Zoom

