

A large, light gray world map composed of a grid of small dots, spanning the top half of the page.

SOFTWARE VERSION 1.6

WWW.PRG.COM

BAD BOY[®] SPOT LUMINAIRE PHOTOMETRICS

USER MANUAL

Narrow Zoom

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

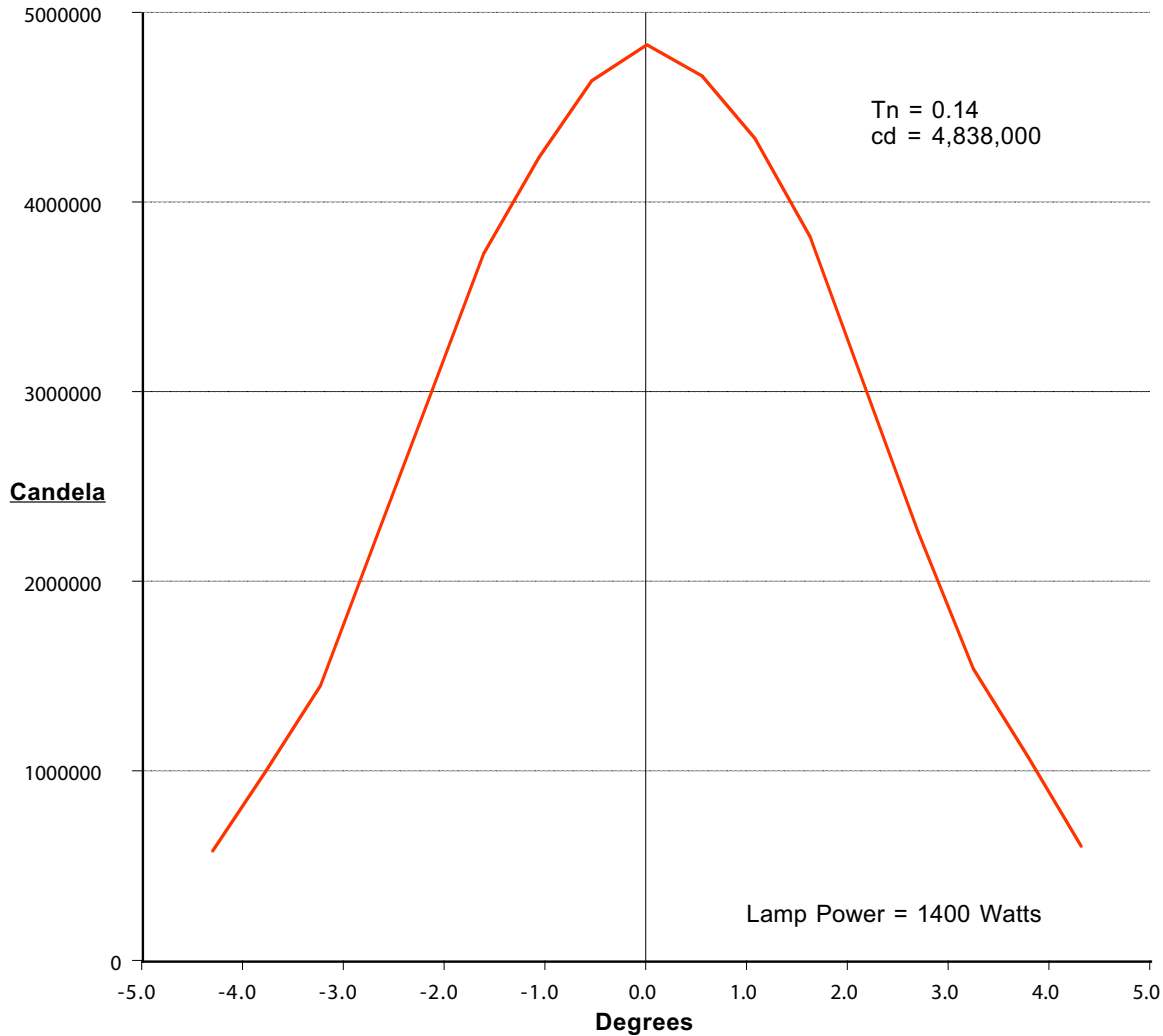
Throw Dist (Ft)	20	30	50	75	100
Beam Dia. (Ft)	2.8	4.2	7.0	10.5	14.0
Illuminance (fc)	12095	5376	1935	860	484
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Throw Dist (m)	5	10	20	25	30
Beam Dia. (m)	0.7	1.4	2.8	3.5	4.2
Illuminance (lux)	193520	48380	12095	7741	5376

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

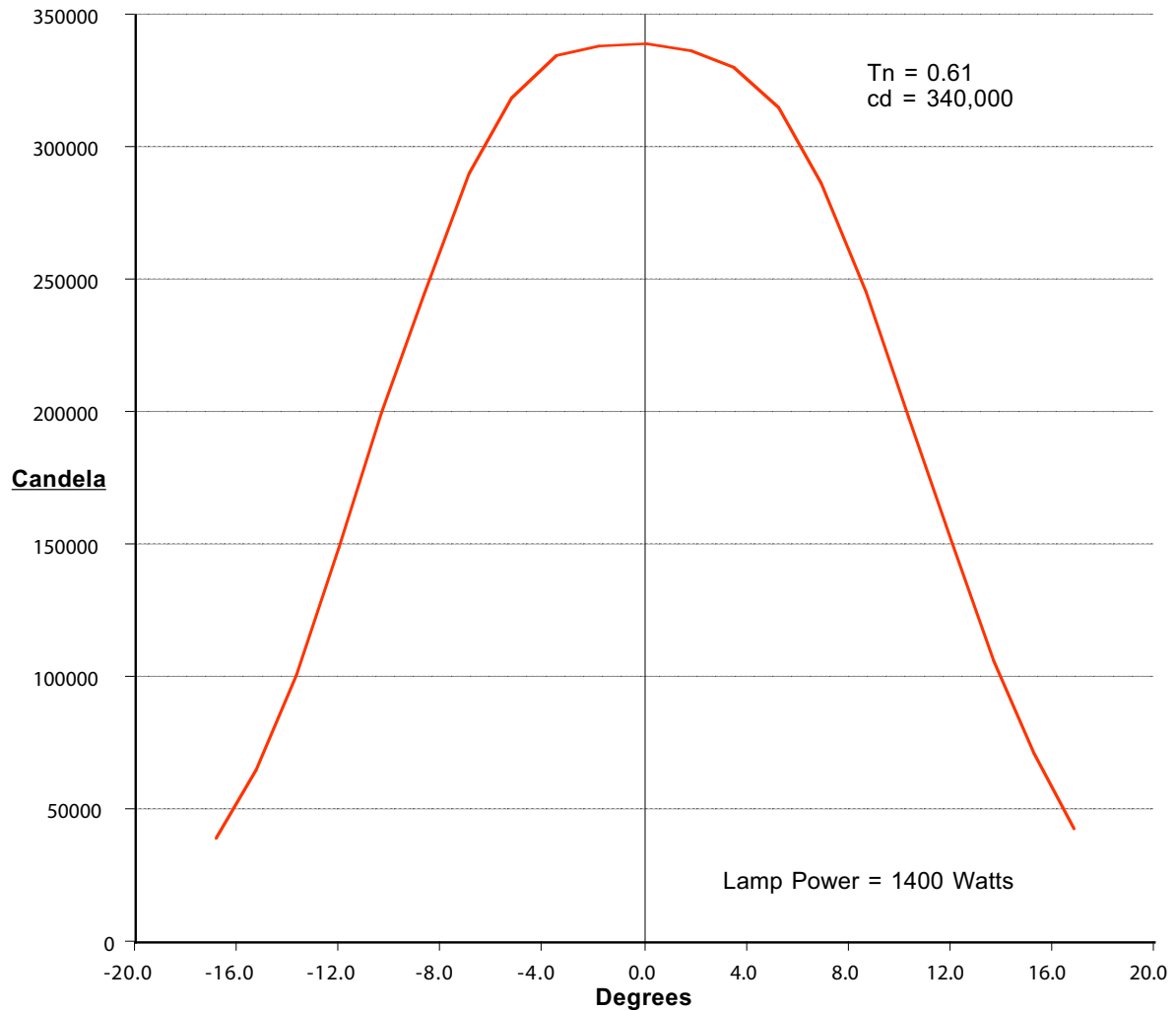
Throw Dist (Ft)	20	30	50	75	100
Beam Dia. (Ft)	12.2	18.3	30.6	45.9	61.1
Illuminance (fc)	850	378	136	60	34
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Throw Dist (m)	5	10	20	25	30
Beam Dia. (m)	3.1	6.1	12.2	15.3	18.3
Illuminance (lux)	13600	3400	850	544	378

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

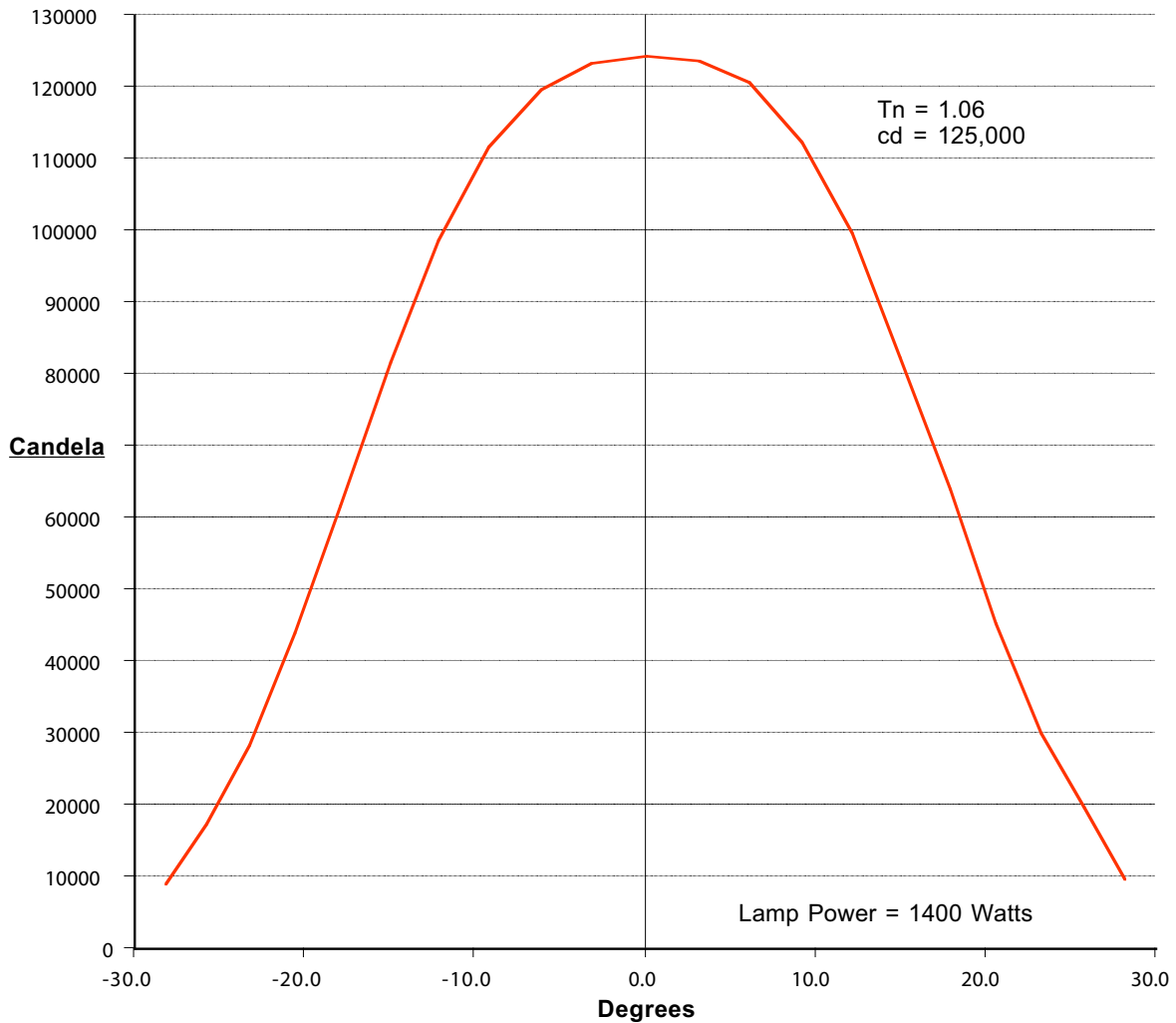
Throw Dist (Ft)	20	30	50	75	100
Beam Dia. (Ft)	21.3	31.9	53.2	79.7	106.3
Illuminance (fc)	312	139	50	22	12
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Throw Dist (m)	5	10	20	25	30
Beam Dia. (m)	5.3	10.6	21.3	26.6	31.9
Illuminance (lux)	5000	1250	312	200	139

Multiply throw distance by Tn to find beam diameter.

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

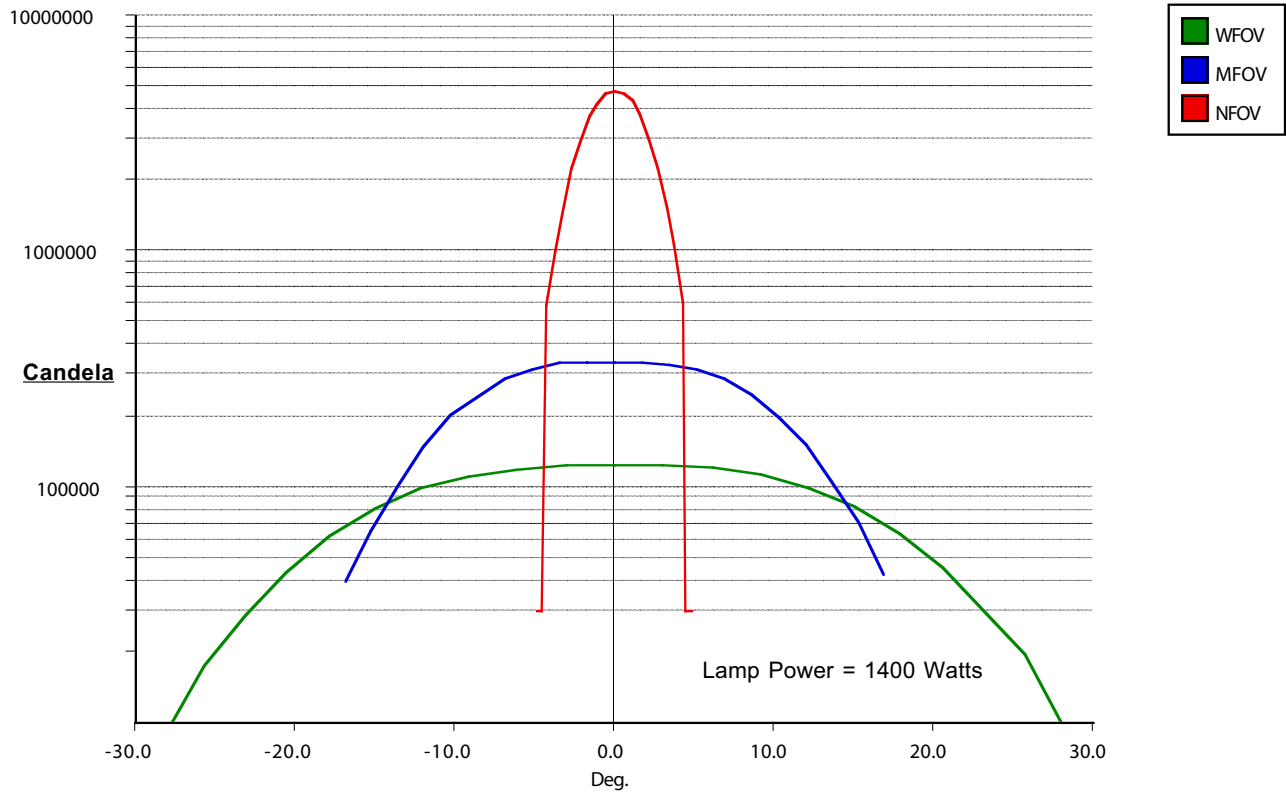
Dist. in Ft. = foot candles

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

