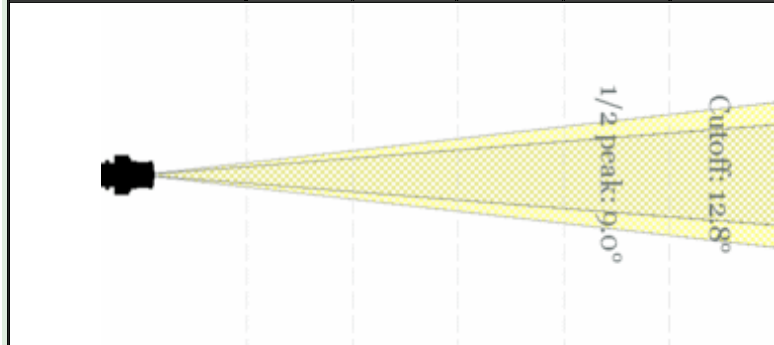


Magnetic ballast
Standard Lens , Zoom at Minimum (12.8°)

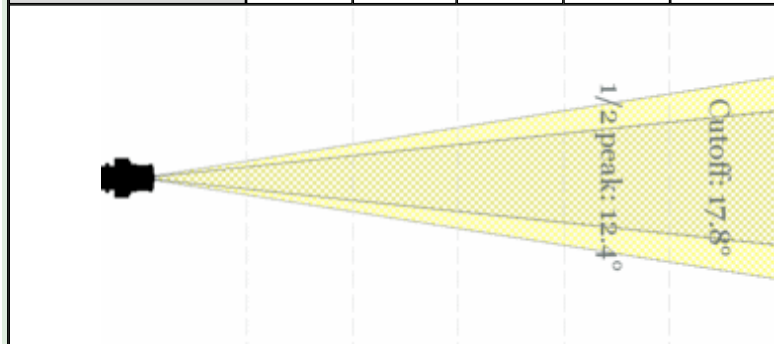
Distance (ft.)	33	66	98	131	164
Cutoff	7.4	14.8	22.0	29.4	36.8
1/2 peak	5.2	10.4	15.4	20.6	25.8
Illuminance (fc)	856	214	97	54	35



Efficiency
16%
Half-peak diameter
0.16 X distance(ft)
Cutoff diameter
0.22 X distance(ft)
Illuminance
$932000 / \text{distance}^2 \text{ (fc)}$
Total Output
17800 (lumens)

Magnetic ballast
Standard Lens , Zoom at Median (17.8°)

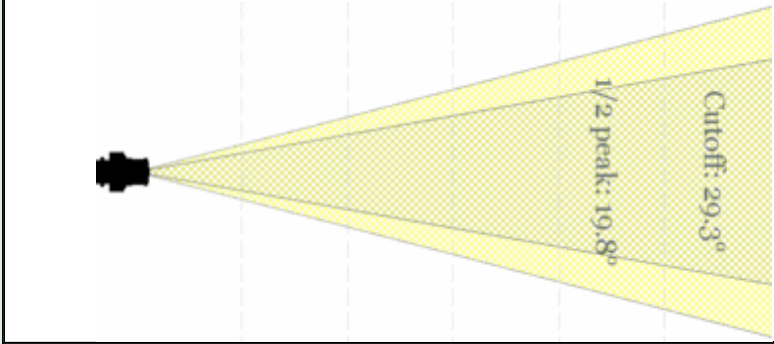
Distance (ft.)	16	33	49	66	82
Cutoff	5.0	10.3	15.4	20.7	25.7
1/2 peak	3.5	7.2	10.7	14.3	17.8
Illuminance (fc)	1762	414	188	104	67



Efficiency
15%
Half-peak diameter
0.22 X distance(ft)
Cutoff diameter
0.31 X distance(ft)
Illuminance
$451000 / \text{distance}^2 \text{ (fc)}$
Total Output
16900 (lumens)

Magnetic ballast
Standard Lens , Zoom at Maximum (29.3°)

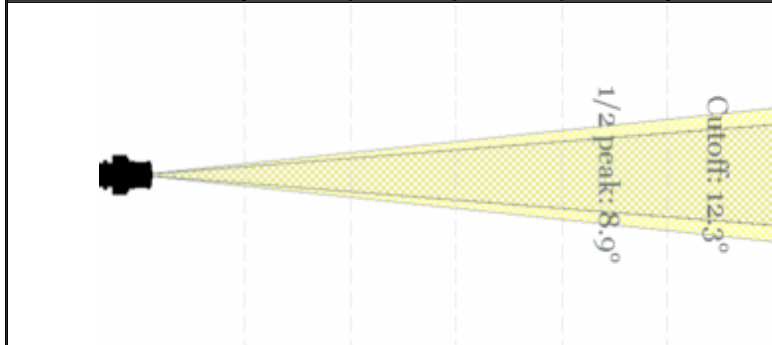
Distance (ft.)	10	20	30	39	49
Cutoff	5.2	10.5	15.7	20.4	25.6
1/2 peak	3.5	7.0	10.5	13.6	17.1
Illuminance (fc)	1690	422	188	111	70



Efficiency
16%
Half-peak diameter
0.35 X distance(ft)
Cutoff diameter
0.52 X distance(ft)
Illuminance
$169000 / \text{distance}^2$ (fc)
Total Output
17100 (lumens)

Electronic ballast
Standard Lens , Zoom at Minimum (12.3°)

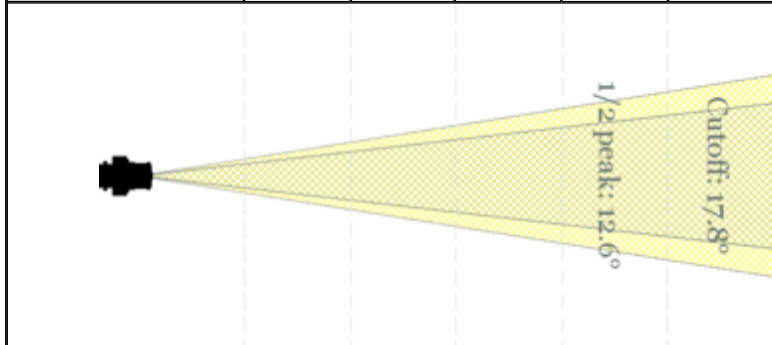
Distance (ft.)	33	66	98	131	164
Cutoff	7.1	14.2	21.1	28.2	35.3
1/2 peak	5.1	10.3	15.3	20.4	25.5
Illuminance (fc)	927	232	105	59	38



Efficiency
17%
Half-peak diameter
0.16 X distance(ft)
Cutoff diameter
0.22 X distance(ft)
Illuminance
$1010000 / \text{distance}^2$ (fc)
Total Output
19000 (lumens)

Electronic ballast
Standard Lens , Zoom at Median (17.8°)

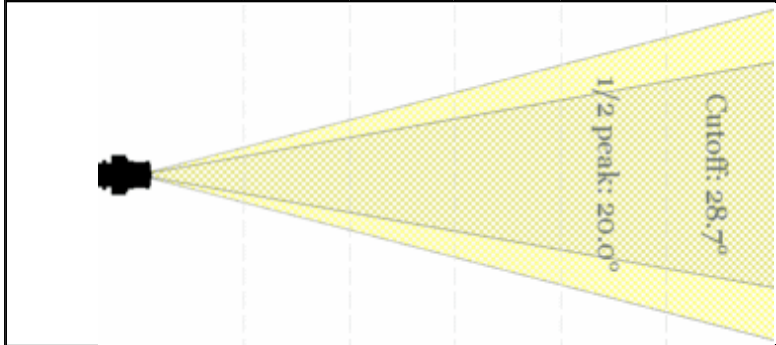
Distance (ft.)	16	33	49	66	82
Cutoff	5.0	10.3	15.4	20.7	25.7
1/2 peak	3.5	7.3	10.8	14.6	18.1
Illuminance (fc)	1809	425	193	106	69



Efficiency
16%
Half-peak diameter
0.22 X distance(ft)
Cutoff diameter
0.31 X distance(ft)
Illuminance
$463000 / \text{distance}^2$ (fc)
Total Output
17800 (lumens)

Electronic ballast
Standard Lens , Zoom at Maximum (28.7°)

Distance (ft.)	10	20	30	39	49
Cutoff	5.1	10.2	15.4	20.0	25.1
1/2 peak	3.5	7.1	10.6	13.8	17.3
Illuminance (fc)	1780	445	198	117	74



Efficiency
16%
Half-peak diameter
0.35 X distance(ft)
Cutoff diameter
0.51 X distance(ft)
Illuminance
$178000 / \text{distance}^2$ (fc)
Total Output
18000 (lumens)