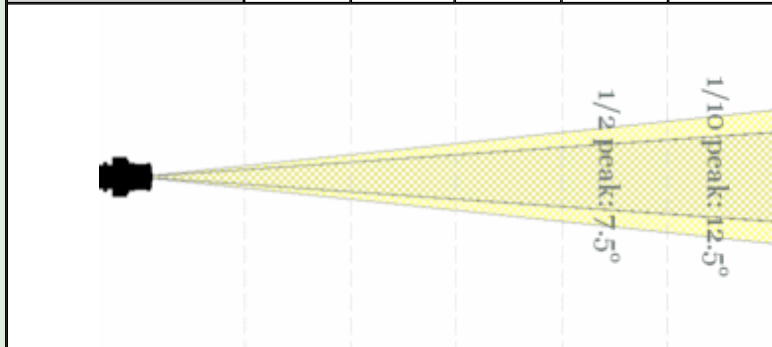


Standard (Only 36 x red LEDs on) , Zoom at Minimum (12.5°)

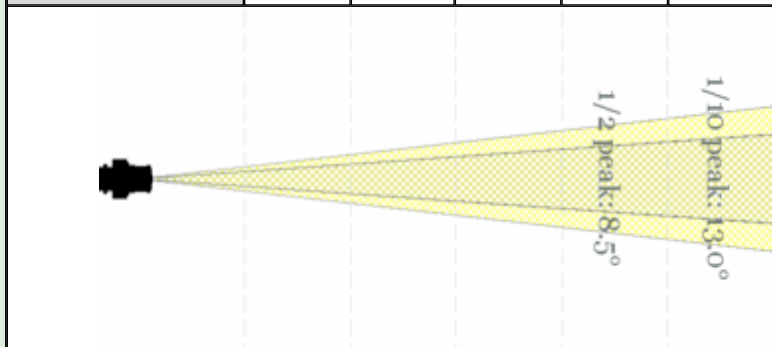
Distance (m.)	1.5	3	4.5	6	7.5
1/10 peak	0.3	0.7	1.0	1.3	1.6
1/2 peak	0.2	0.4	0.6	0.8	1.0
Illuminance (lux)	16000	4000	1778	1000	640



Efficacy
6 lumens per watt
Half-peak diameter
0.13 X distance(m)
One-tenth peak diameter
0.22 X distance(m)
Illuminance
$36000 / \text{distance}^2$ (lux)
Total Output
590 (lumens)

Standard (All LEDs on) , Zoom at Minimum (13°)

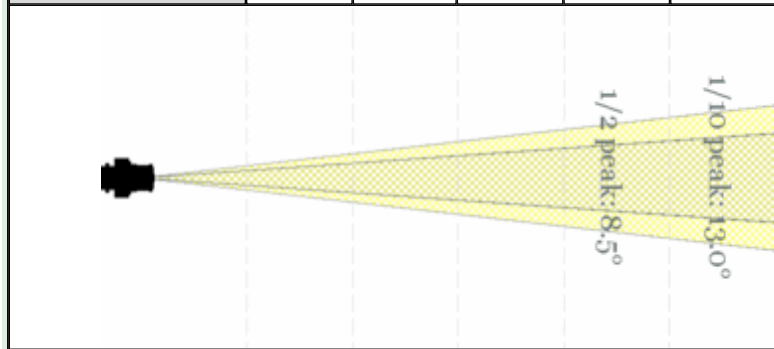
Distance (m.)	3	6	9	12	15
1/10 peak	0.7	1.4	2.1	2.7	3.4
1/2 peak	0.5	0.9	1.3	1.8	2.2
Illuminance (lux)	18222	4556	2025	1139	729



Efficacy
10.4 lumens per watt
Half-peak diameter
0.15 X distance(m)
One-tenth peak diameter
0.23 X distance(m)
Illuminance
$164000 / \text{distance}^2$ (lux)
Total Output
3300 (lumens)

Standard (Only 36 x green LEDs on) , Zoom at Minimum (13°)

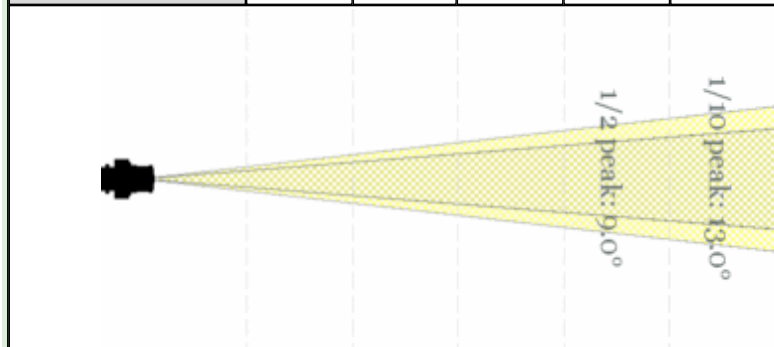
Distance (m.)	3	6	9	12	15
1/10 peak	0.7	1.4	2.1	2.7	3.4
1/2 peak	0.5	0.9	1.3	1.8	2.2
Illuminance (lux)	13222	3306	1469	826	529



Efficacy
15.6 lumens per watt
Half-peak diameter
0.15 X distance(m)
One-tenth peak diameter
0.23 X distance(m)
Illuminance
119000 / distance <sup>2</sup> (lux)
Total Output
2500 (lumens)

Standard (Only 36 x blue LEDs on) , Zoom at Minimum (13°)

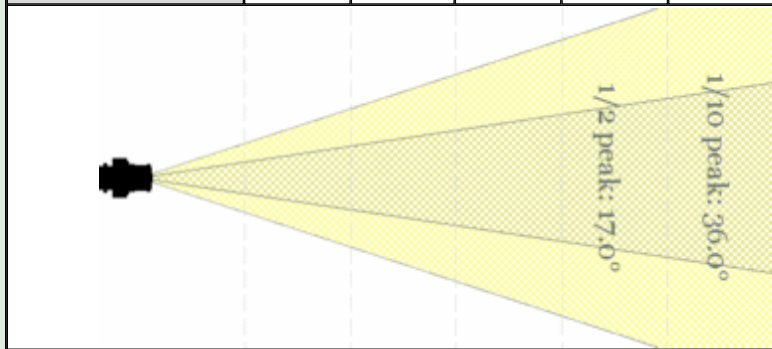
Distance (m.)	1	2	3	4	5
1/10 peak	0.2	0.5	0.7	0.9	1.1
1/2 peak	0.2	0.3	0.5	0.6	0.8
Illuminance (lux)	25000	6250	2778	1562	1000



Efficacy
3.2 lumens per watt
Half-peak diameter
0.16 X distance(m)
One-tenth peak diameter
0.23 X distance(m)
Illuminance
25000 / distance <sup>2</sup> (lux)
Total Output
530 (lumens)

Standard (Only 36 x red LEDs on) , Zoom at Maximum (36°)

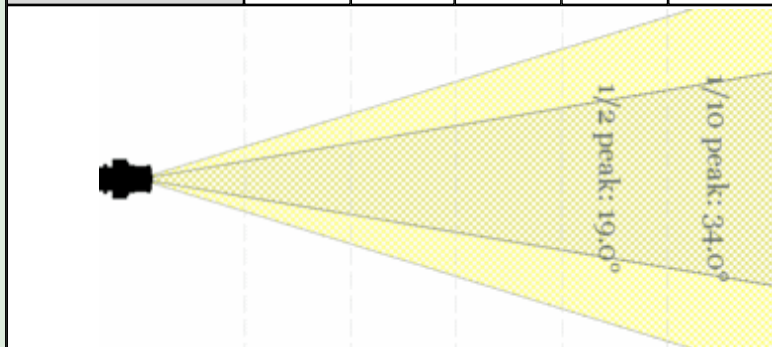
Distance (m.)	0.5	1	1.5	2	2.5
1/10 peak	0.3	0.7	1.0	1.3	1.6
1/2 peak	0.2	0.3	0.5	0.6	0.8
Illuminance (lux)	25200	6300	2800	1575	1008



Efficacy
7.5 lumens per watt
Half-peak diameter
0.30 X distance(m)
One-tenth peak diameter
0.65 X distance(m)
Illuminance
$6300 / \text{distance}^2$ (lux)
Total Output
740 (lumens)

Standard (Only 36 x blue LEDs on) , Zoom at Maximum (34°)

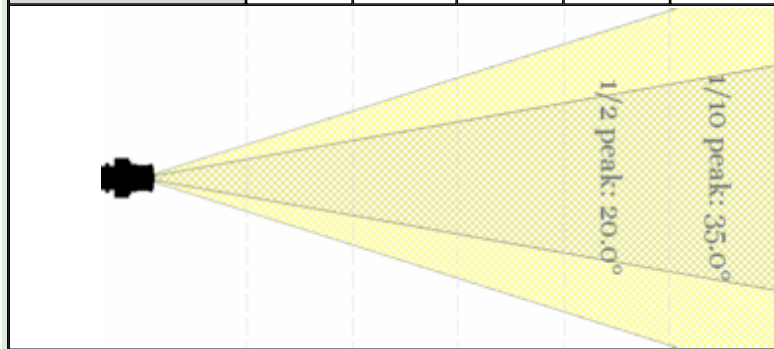
Distance (m.)	0.5	1	1.5	2	2.5
1/10 peak	0.3	0.6	0.9	1.2	1.5
1/2 peak	0.2	0.3	0.5	0.7	0.8
Illuminance (lux)	20800	5200	2311	1300	832



Efficacy
3.7 lumens per watt
Half-peak diameter
0.33 X distance(m)
One-tenth peak diameter
0.61 X distance(m)
Illuminance
$5200 / \text{distance}^2$ (lux)
Total Output
610 (lumens)

Standard (All LEDs on) , Zoom at Maximum (35°)

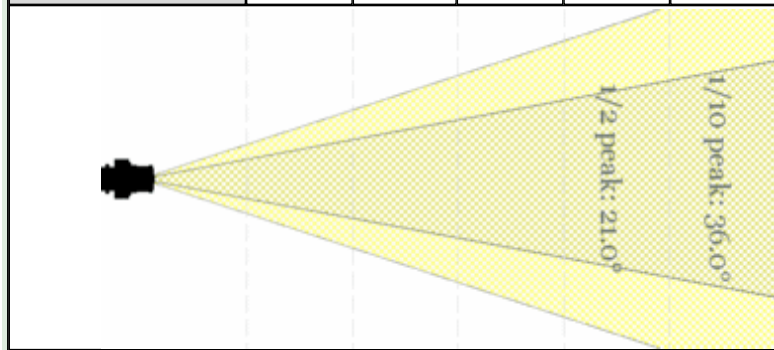
Distance (m.)	1.5	3	4.5	6	7.5
1/10 peak	1.0	1.9	2.8	3.8	4.7
1/2 peak	0.5	1.1	1.6	2.1	2.6
Illuminance (lux)	13778	3444	1531	861	551



Efficacy
12.2 lumens per watt
Half-peak diameter
0.35 X distance(m)
One-tenth peak diameter
0.63 X distance(m)
Illuminance
$31000 / \text{distance}^2$ (lux)
Total Output
3900 (lumens)

Standard (Only 36 x green LEDs on) , Zoom at Maximum (36°)

Distance (m.)	1	2	3	4	5
1/10 peak	0.7	1.3	2.0	2.6	3.3
1/2 peak	0.4	0.7	1.1	1.5	1.9
Illuminance (lux)	22000	5500	2444	1375	880



Efficacy
18.2 lumens per watt
Half-peak diameter
0.37 X distance(m)
One-tenth peak diameter
0.65 X distance(m)
Illuminance
$22000 / \text{distance}^2$ (lux)
Total Output
2900 (lumens)