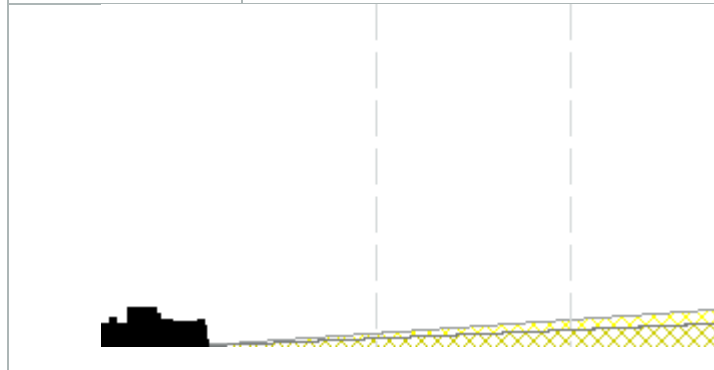


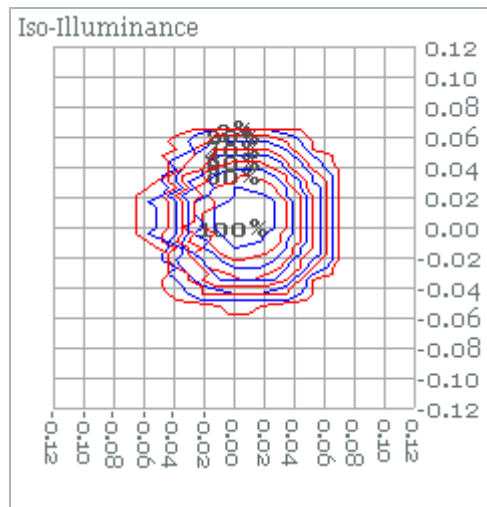
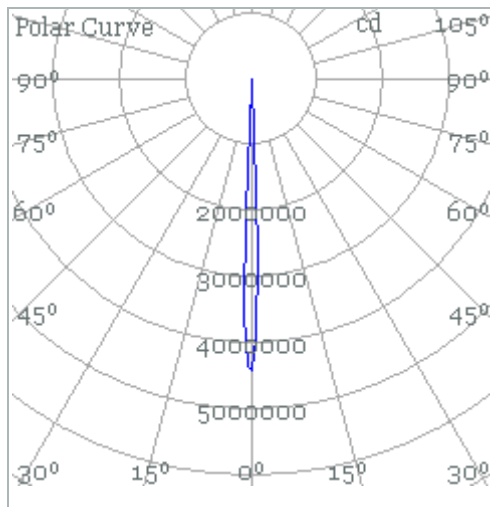
# MAC Viper Beam Photometrics

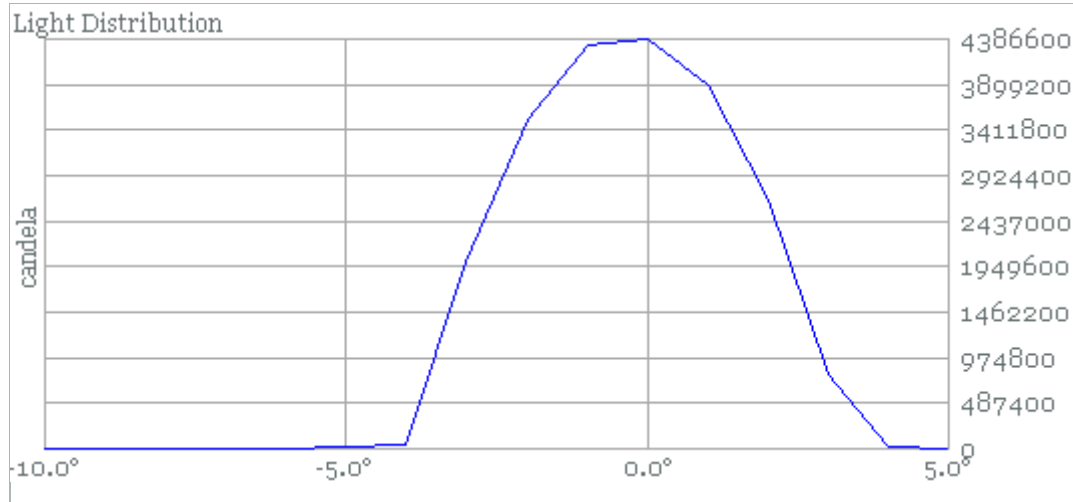
Standard Lens , Zoom at M (7.5°)

Distance (m.)	15	30	45	60	75
Cutoff	2.0	3.9	5.9	7.9	9.8
1/2 peak	1.3	2.6	3.9	5.2	6.6
Illuminance (lux)	19498	4874	2166	1219	780



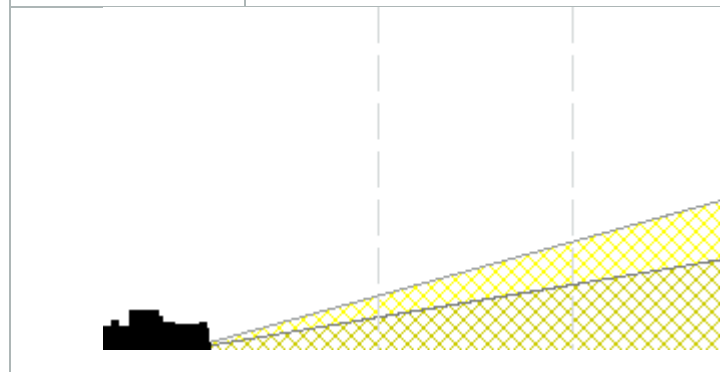
Efficiency
33%
Half-peak diameter
0.09 X distance(m)
Cutoff diameter
0.13 X distance(m)
Illuminance
$4387000 / \text{distance}^2$ (lux)
Total Output
28400 (lumens)





### Standard Lens , Zoom at M (31°)

Distance (m.)	4	8	12	16	20
Cutoff	2.2	4.4	6.7	8.9	11.1
1/2 peak	1.3	2.7	4.0	5.4	6.7
Illuminance (lux)	15000	3750	1667	938	600



Efficiency
29%
Half-peak diameter
0.33 X distance(m)
Cutoff diameter
0.55 X distance(m)
Illuminance
240000 / distance <sup>2</sup> (lux)
Total Output
24600 (lumens)

