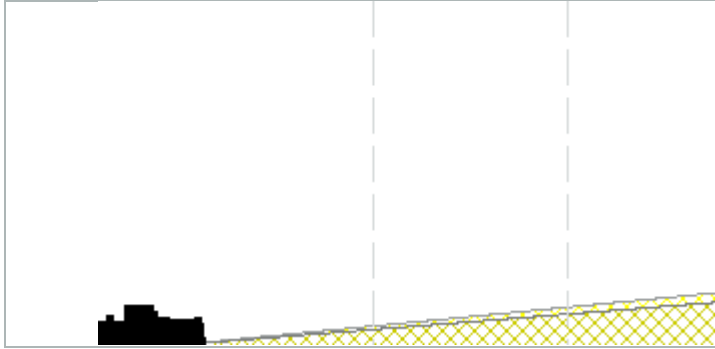


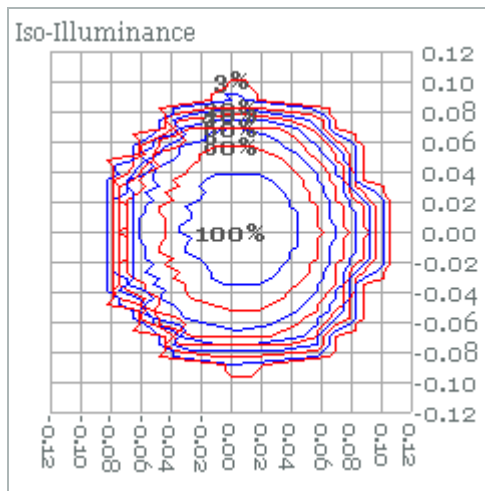
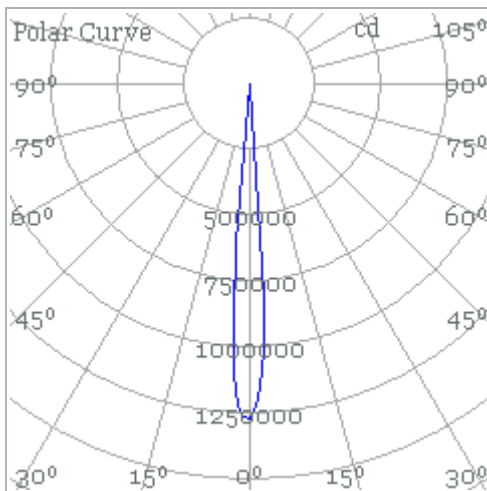
MAC Viper Performance Photometrics

Standard Lens , Zoom at M (11°)

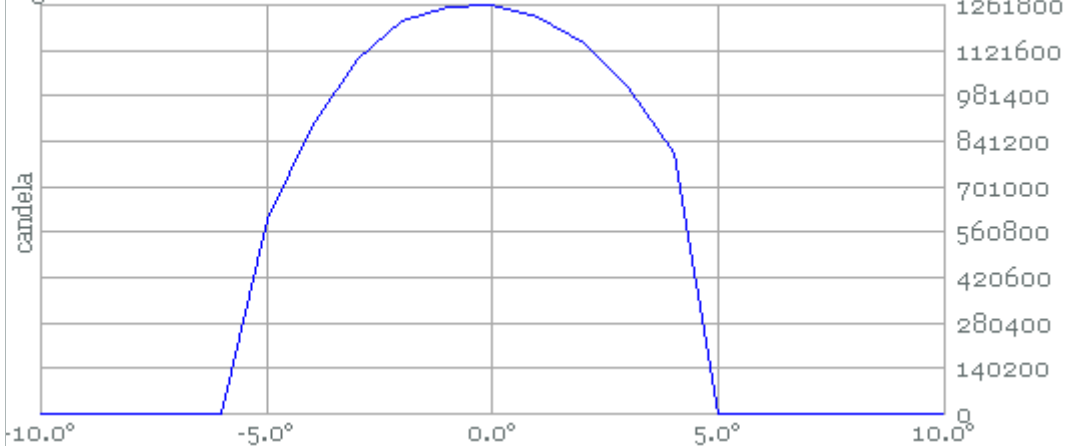
Distance (m.)	10	20	30	40	50
Cutoff	1.9	3.9	5.8	7.7	9.6
1/2 peak	1.6	3.2	4.7	6.3	7.9
Illuminance (lux)	12620	3155	1402	789	505



Efficiency
26%
Half-peak diameter
0.16 X distance(m)
Cutoff diameter
0.19 X distance(m)
Illuminance
$1262000 / \text{distance}^2$ (lux)
Total Output
22000 (lumens)

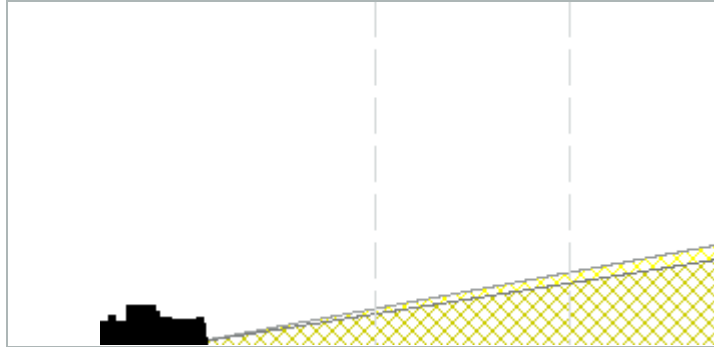


Light Distribution



Standard Lens , Zoom at M (21°)

Distance (m.)	4	8	12	16	20
Cutoff	1.5	3.0	4.5	5.9	7.4
1/2 peak	1.3	2.5	3.8	5.1	6.3
Illuminance (lux)	20938	5234	2326	1309	838



Efficiency

27%

Half-peak diameter

0.32 X distance(m)

Cutoff diameter

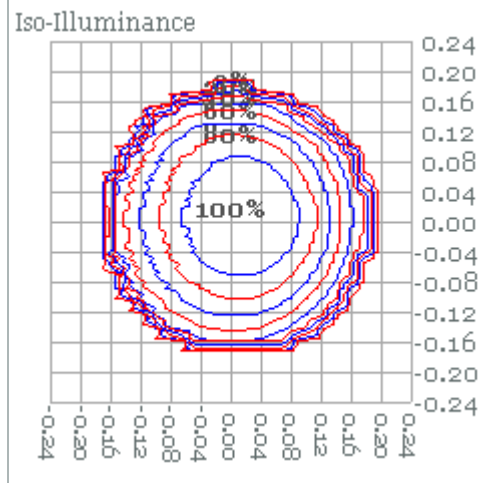
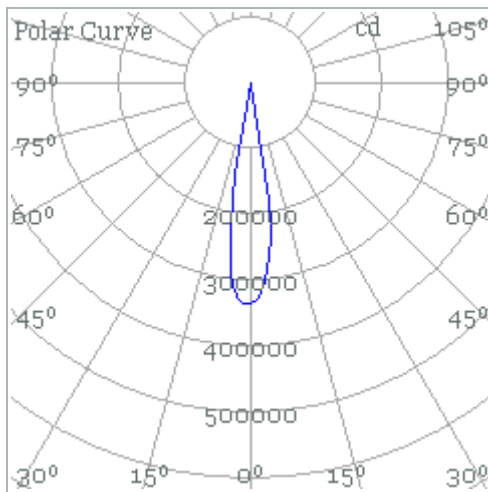
0.37 X distance(m)

Illuminance

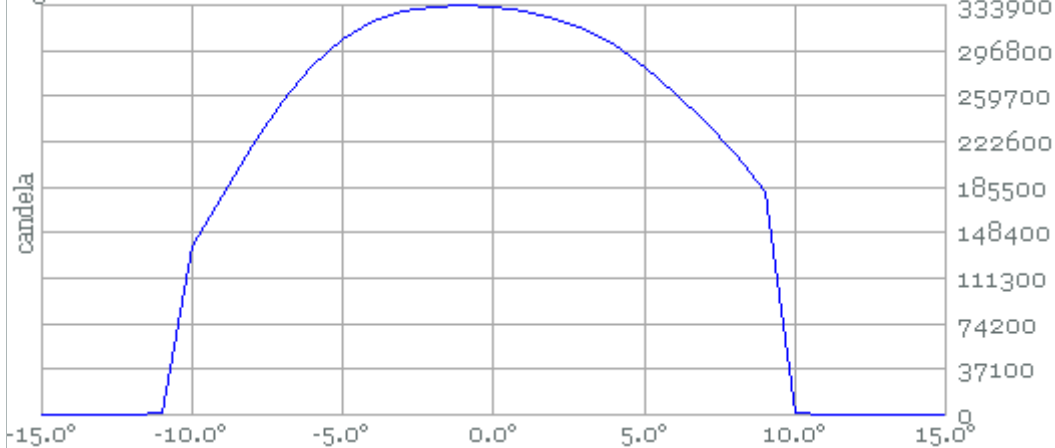
335000 / distance² (lux)

Total Output

23300 (lumens)

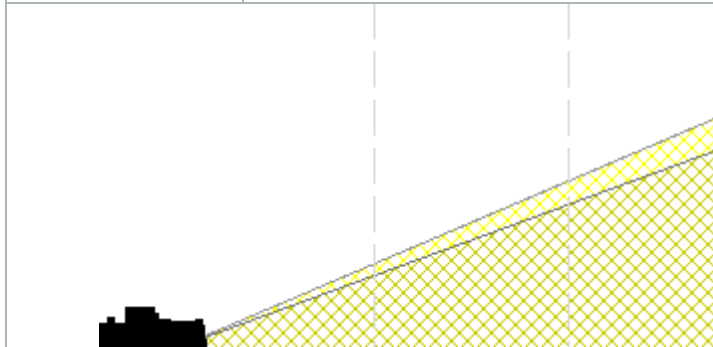


Light Distribution



Standard Lens , Zoom at M (46°)

Distance (m.)	2	4	6	8	10
Cutoff	1.7	3.4	5.1	6.8	8.5
1/2 peak	1.5	2.9	4.4	5.8	7.3
Illuminance (lux)	18500	4625	2056	1156	740



Efficiency

28%

Half-peak diameter

0.73 X distance(m)

Cutoff diameter

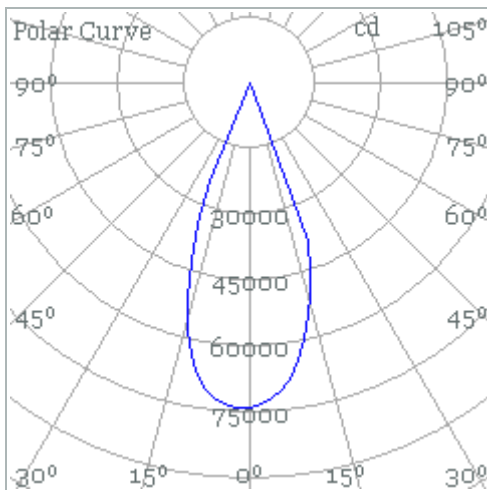
0.85 X distance(m)

Illuminance

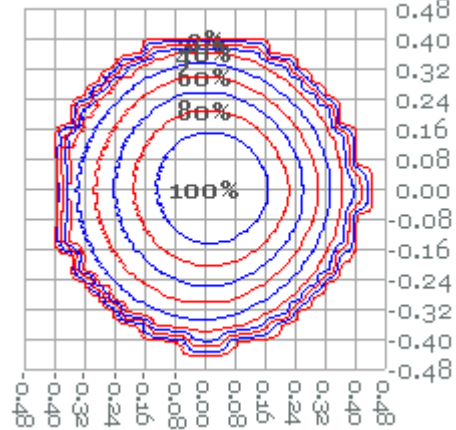
74000 / distance² (lux)

Total Output

23800 (lumens)



Iso-Illuminance



Light Distribution

