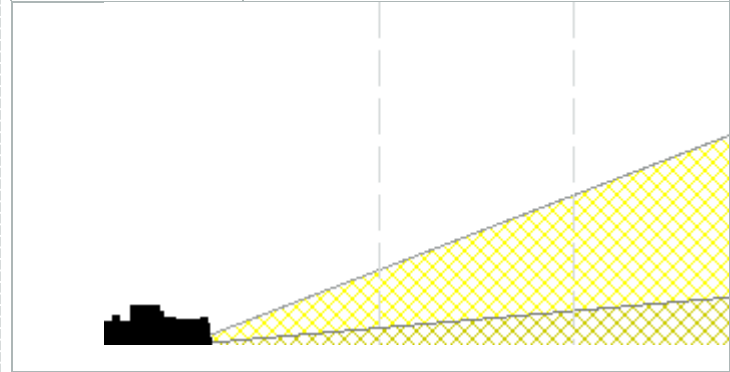
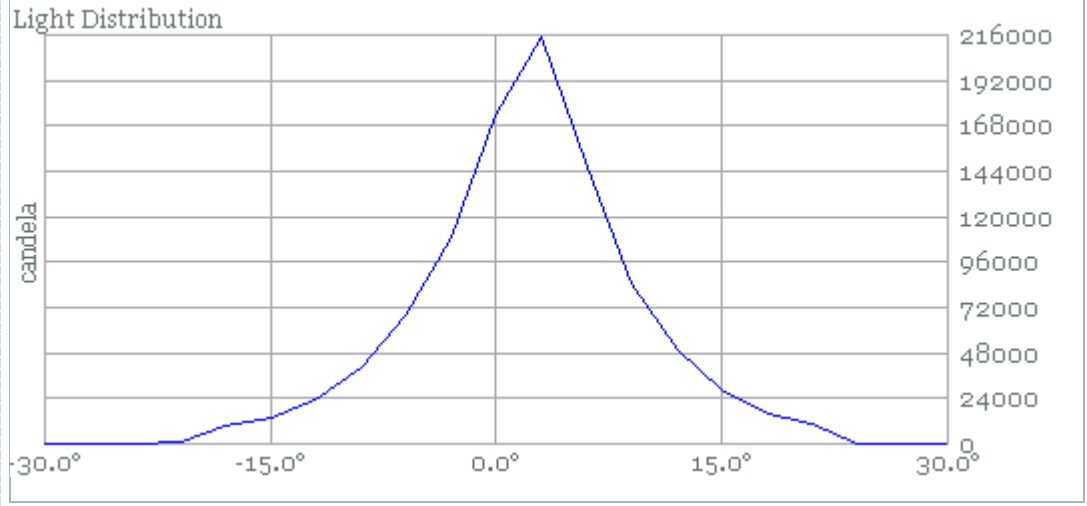
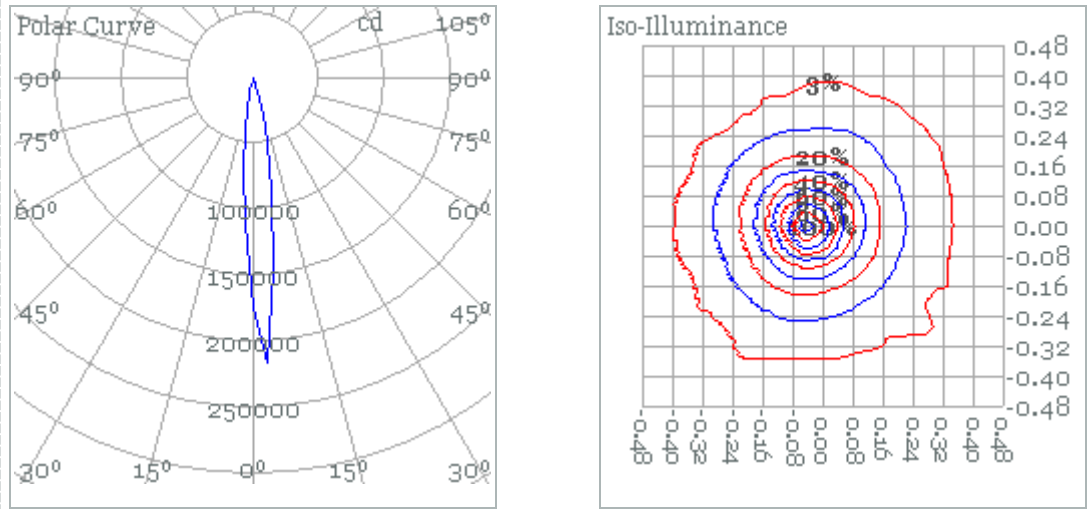


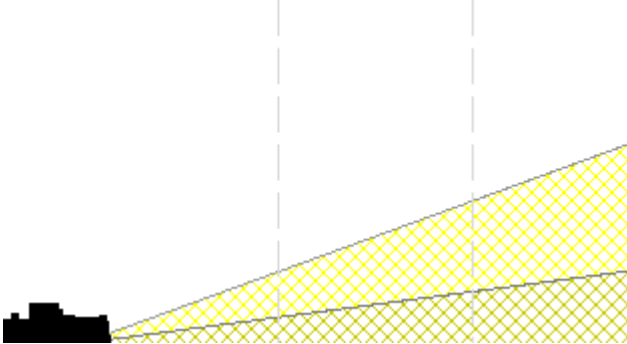
MAC Axiom Hybrid Photometrics

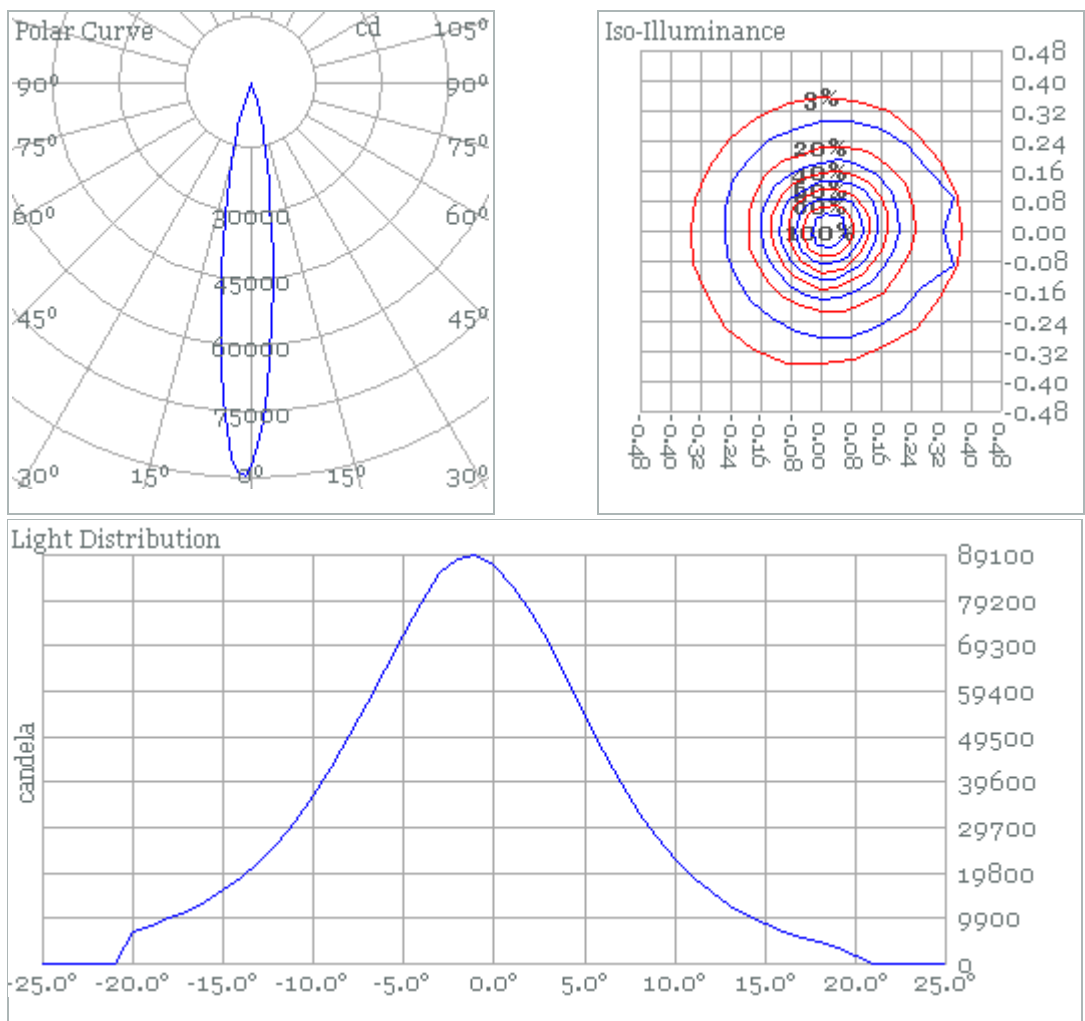
Standard Lens , Zoom at M (42°)

Distance (m.)	3	6	9	12	15	Efficiency
Cutoff	2.3	4.6	6.9	9.2	11.5	71%
1/2 peak	0.6	1.1	1.7	2.2	2.8	Half-peak diameter
Illuminance (lux)	23889	5972	2654	1493	956	0.18 X distance(m)
						Cutoff diameter
						0.77 X distance(m)
						Illuminance
						215000 / distance ² (lux)
						Total Output
						15500 (lumens)

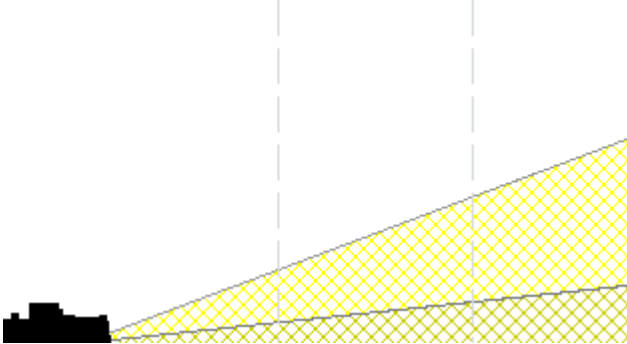


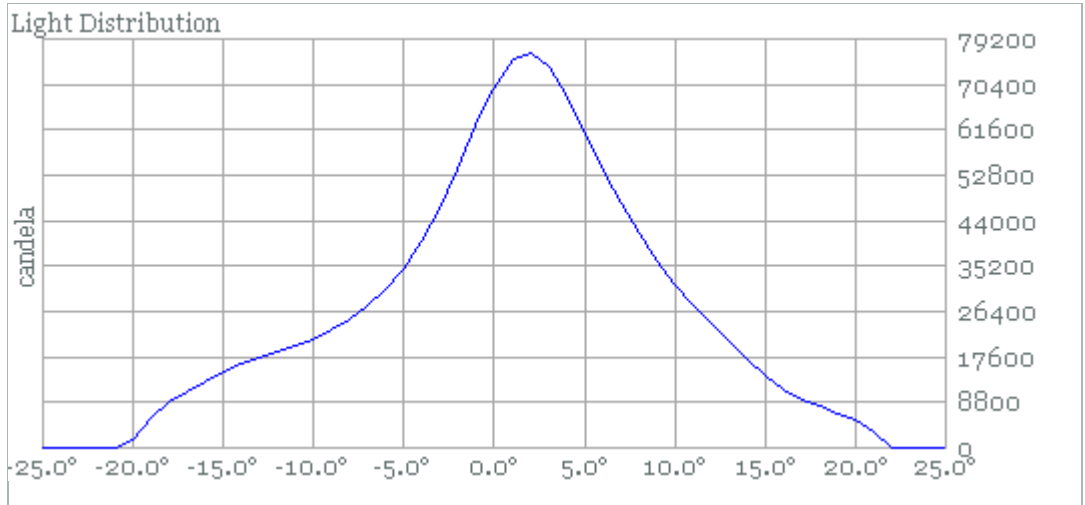
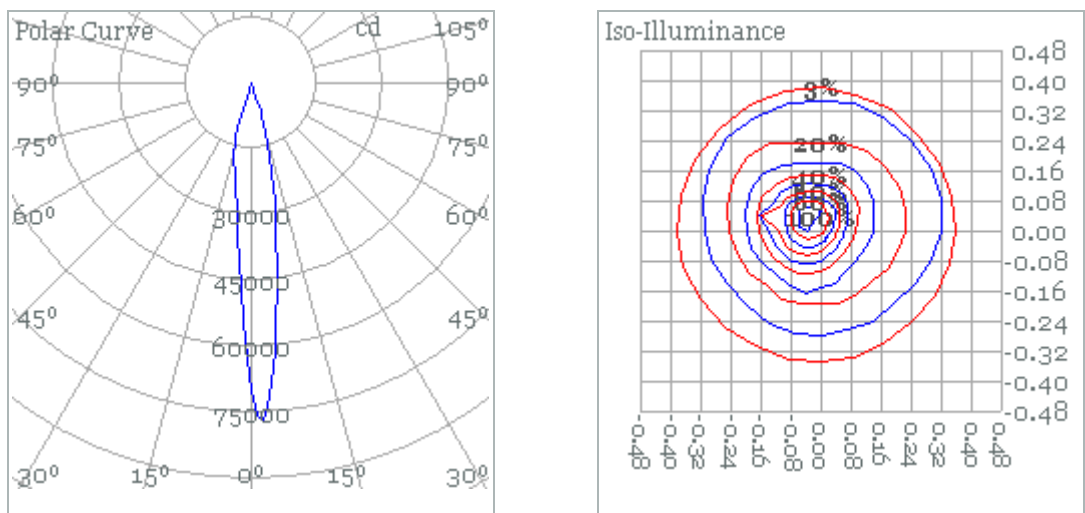
Standard (With Beamsmoothing) , Zoom at M (40°)

Distance (m.)	2	4	6	8	10	Efficiency
Cutoff	1.5	2.9	4.4	5.8	7.3	38%
1/2 peak	0.5	1.1	1.6	2.1	2.6	Half-peak diameter
Illuminance (lux)	22250	5562	2472	1391	890	0.26 X distance(m)
						Cutoff diameter
						0.73 X distance(m)
						Illuminance
						89000 / distance ² (lux)
						Total Output
						8400 (lumens)




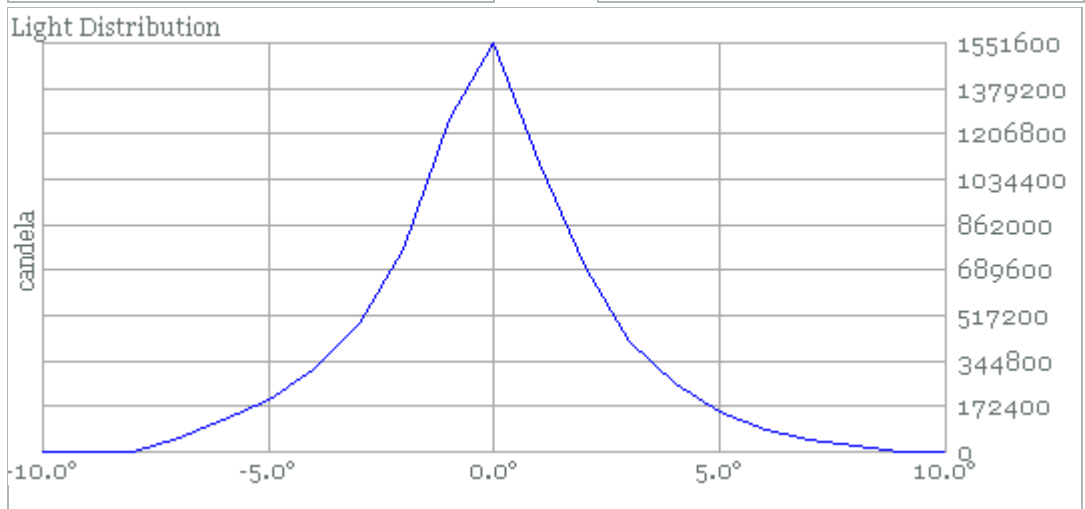
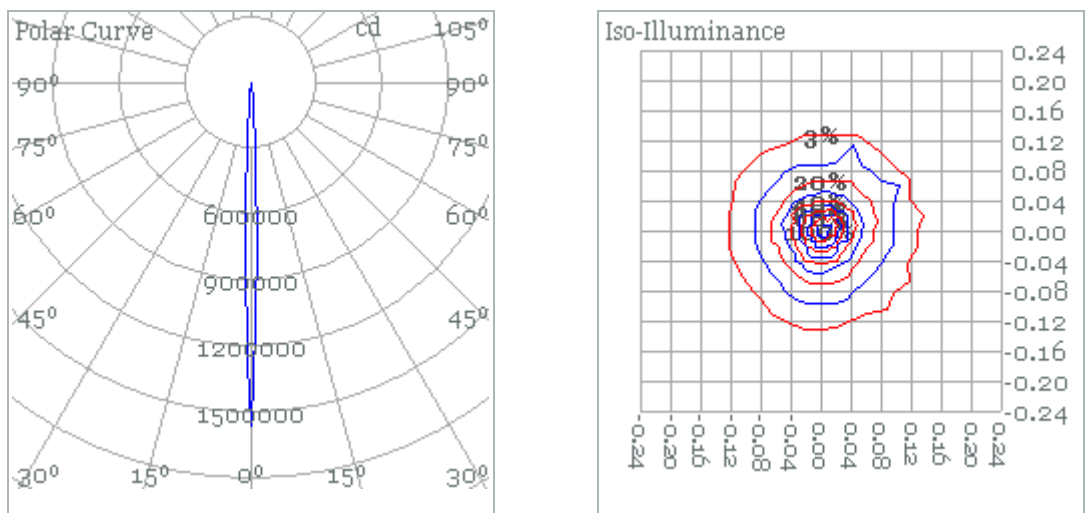
Standard (With Frost) , Zoom at M (41°)

Distance (m.)	2	4	6	8	10	Efficiency
Cutoff	1.5	3.0	4.5	6.0	7.5	35%
1/2 peak	0.4	0.8	1.3	1.7	2.1	Half-peak diameter
Illuminance (lux)	21250	5312	2361	1328	850	0.21 X distance(m)
						Cutoff diameter
						0.75 X distance(m)
						Illuminance
						85000 / distance ² (lux)
						Total Output
						7800 (lumens)

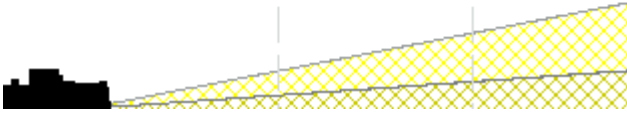


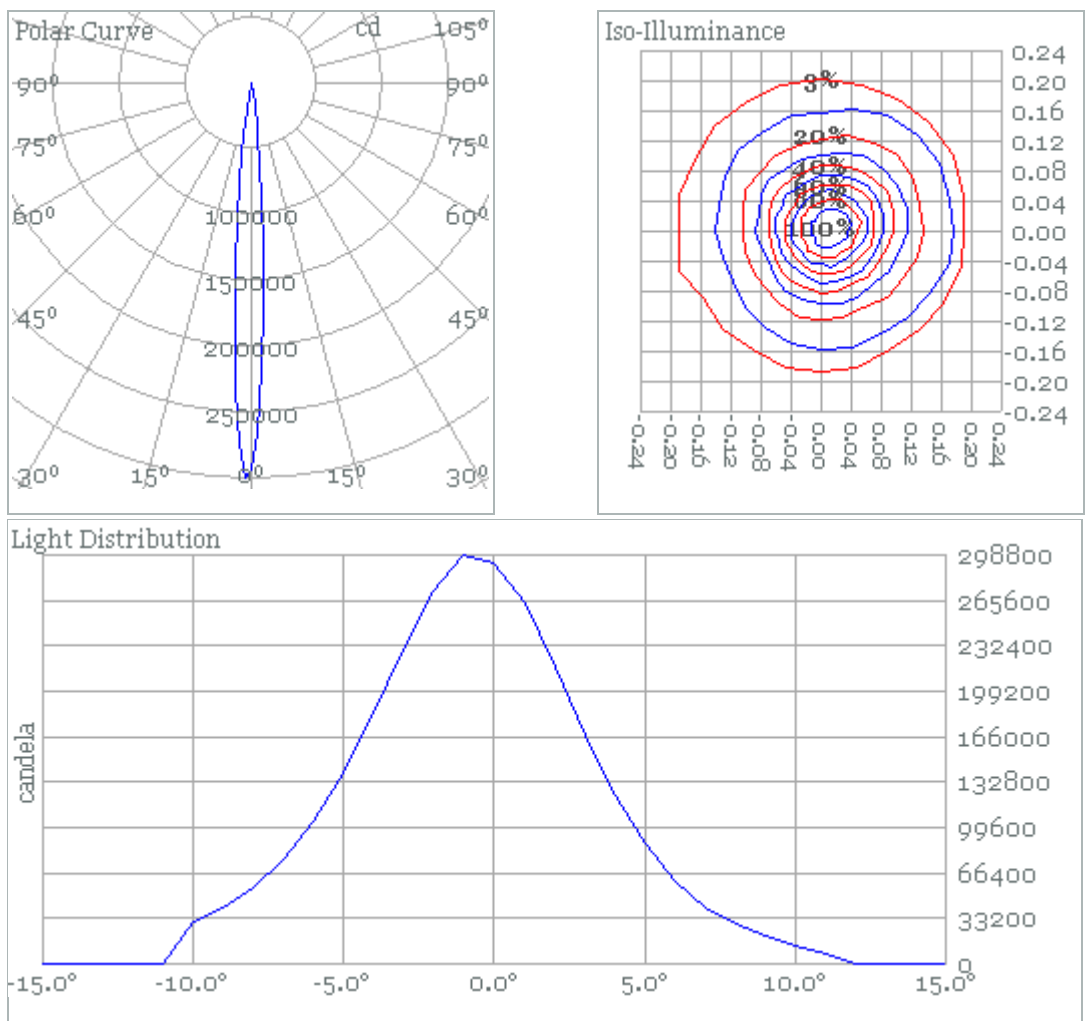
Standard Lens , Zoom at M (14.5°)

Distance (m.)	10	20	30	40	50	Efficiency
Cutoff	2.5	5.1	7.6	10.2	12.7	65%
1/2 peak	0.7	1.4	2.1	2.8	3.5	Half-peak diameter
Illuminance (lux)	15540	3885	1727	971	622	0.07 X distance(m)
						Cutoff diameter
						0.25 X distance(m)
						Illuminance
						$1554000 / \text{distance}^2 \text{ (lux)}$
						Total Output
						14400 (lumens)

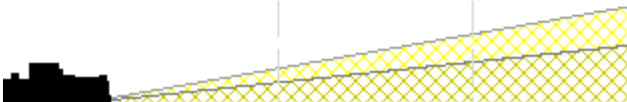


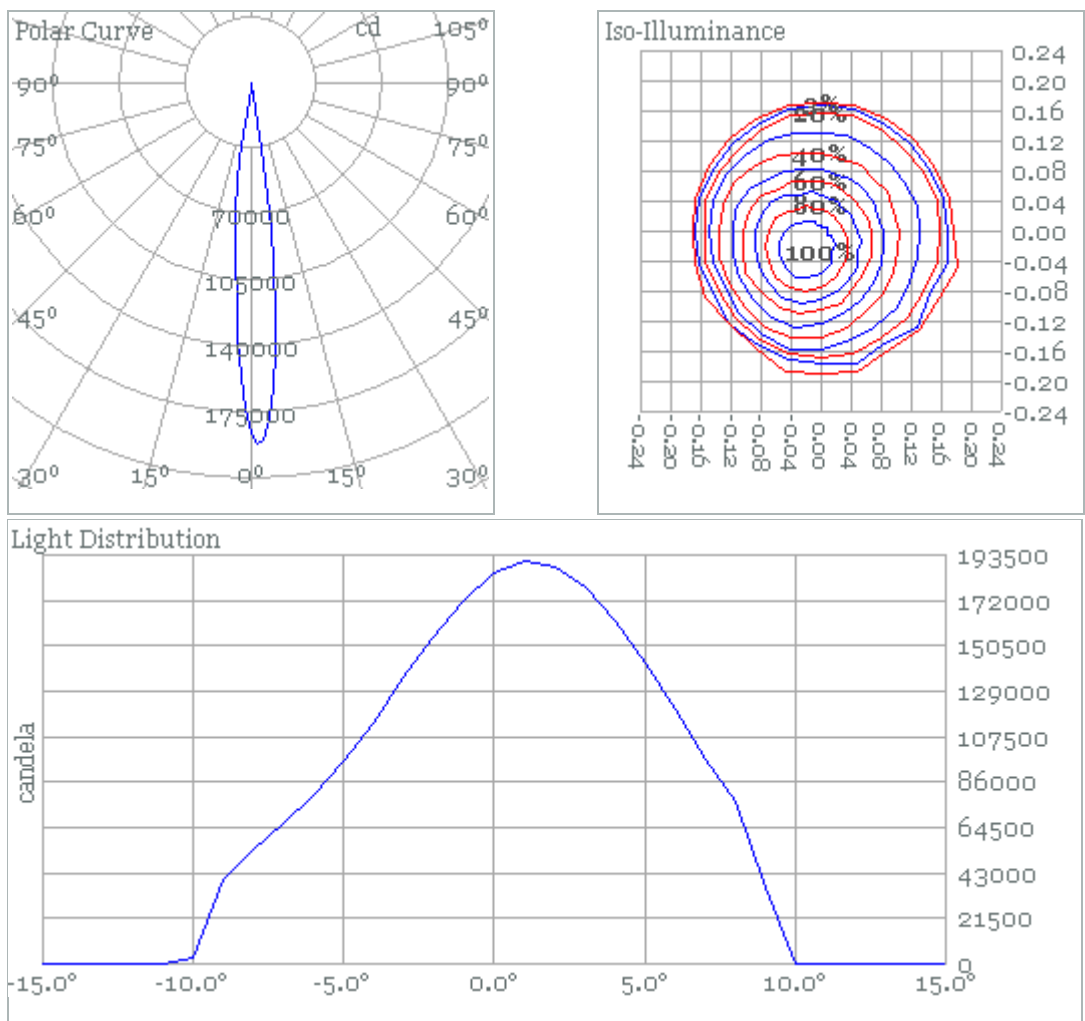
Standard (With Beamsmoother) , Zoom at M (22°)

Distance (m.)	4	8	12	16	20	Efficiency
Cutoff	1.6	3.1	4.7	6.2	7.8	38%
1/2 peak	0.6	1.1	1.7	2.2	2.8	Half-peak diameter
Illuminance (lux)	18750	4688	2083	1172	750	0.14 X distance(m)
						Cutoff diameter
						0.39 X distance(m)
						Illuminance
						300000 / distance ² (lux)
						Total Output
						8500 (lumens)




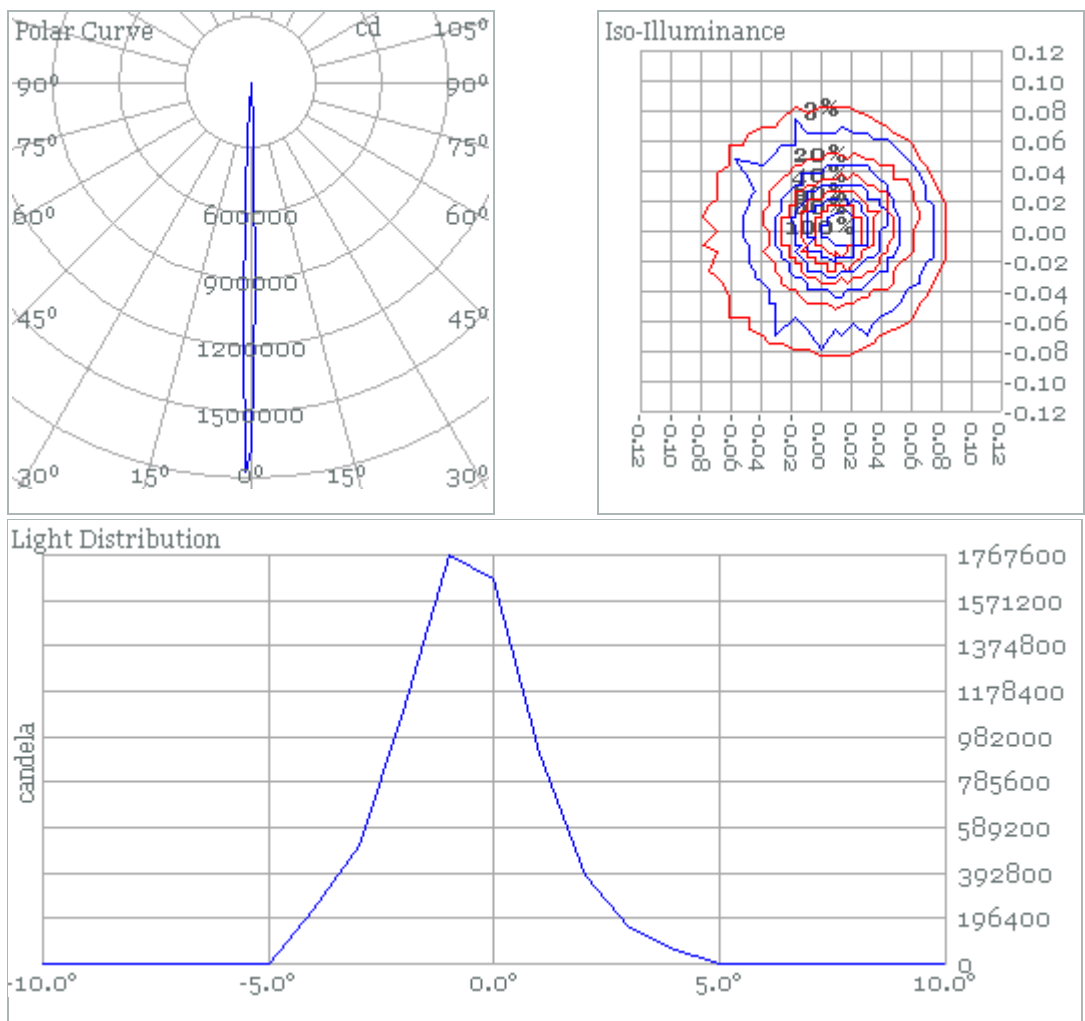
Standard (With Frost) , Zoom at M (20°)

Distance (m.)	3	6	9	12	15	Efficiency
Cutoff	1.1	2.1	3.2	4.2	5.3	39%
1/2 peak	0.6	1.3	1.9	2.5	3.2	Half-peak diameter
Illuminance (lux)	22222	5556	2469	1389	889	0.21 X distance(m)
						Cutoff diameter
						0.35 X distance(m)
						Illuminance
						200000 / distance ² (lux)
						Total Output
						8500 (lumens)




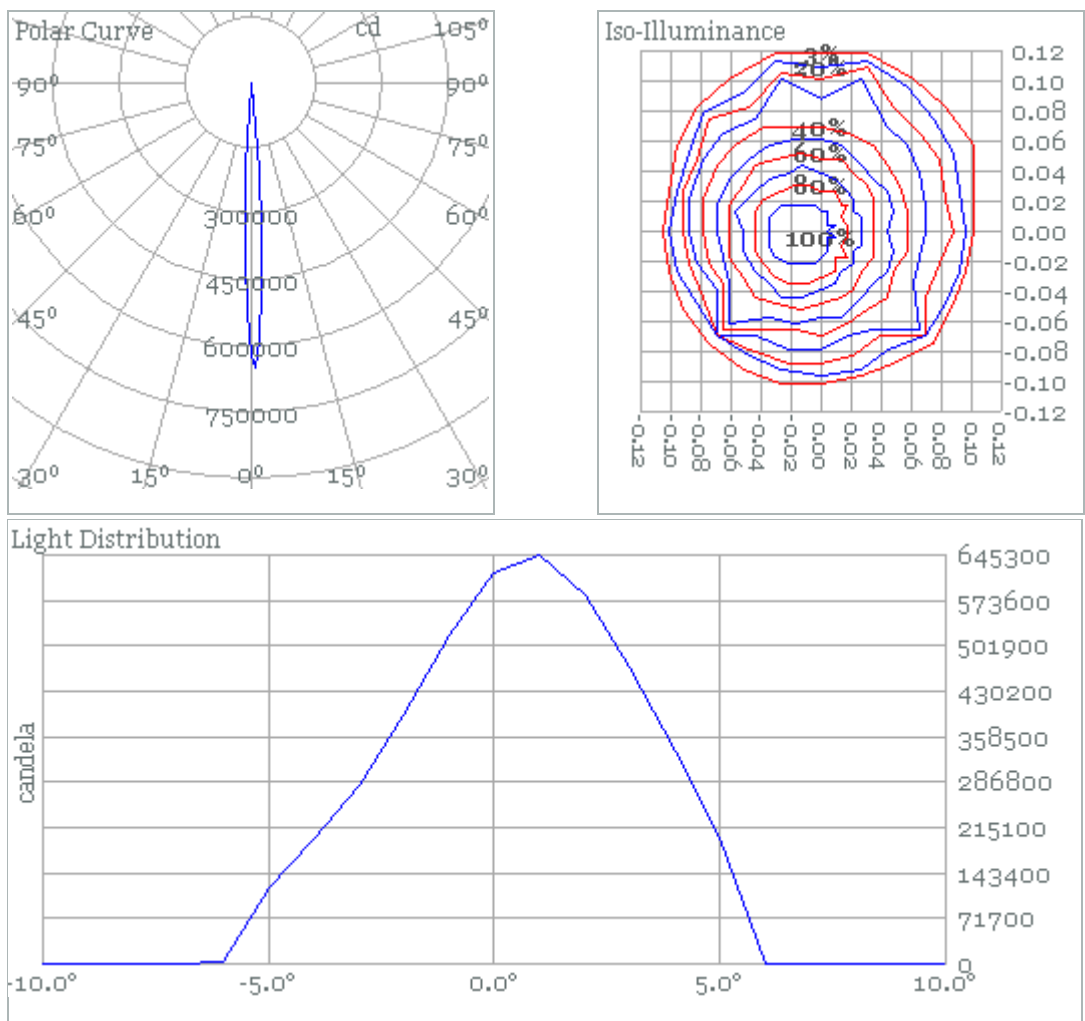
Standard (With Beamsmoother) , Zoom at M (9°)

Distance (m.)	10	20	30	40	50	Efficiency
Cutoff	1.6	3.2	4.7	6.3	7.9	39%
1/2 peak	0.6	1.2	1.8	2.4	3.1	Half-peak diameter
Illuminance (lux)	17790	4448	1977	1112	712	0.06 X distance(m)
						Cutoff diameter
						0.16 X distance(m)
						Illuminance
						1779000 / distance ² (lux)
						Total Output
						8600 (lumens)




Standard (With Frost) , Zoom at M (12.5°)

Distance (m.)	6	12	18	24	30	Efficiency
Cutoff	1.3	2.6	3.9	5.3	6.6	43%
1/2 peak	0.7	1.5	2.2	2.9	3.7	Half-peak diameter
Illuminance (lux)	17972	4493	1997	1123	719	0.12 X distance(m)
						Cutoff diameter
						0.22 X distance(m)
						Illuminance
						647000 / distance ² (lux)
						Total Output
						9400 (lumens)



Standard Lens , Zoom at M (3.1°)

Distance (m.)	50	100	150	200	250	Efficiency
Cutoff	2.7	5.4	8.1	10.8	13.5	65%
1/2 peak	0.9	1.8	2.6	3.5	4.4	Half-peak diameter
Illuminance (lux)	15345	3836	1705	959	614	0.02 X distance(m)
						Cutoff diameter
						0.05 X distance(m)
						Illuminance
						38362000 / distance ² (lux)
						Total Output
						14400 (lumens)

