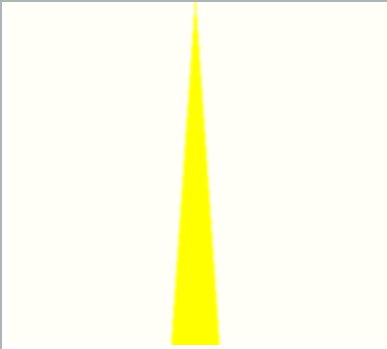
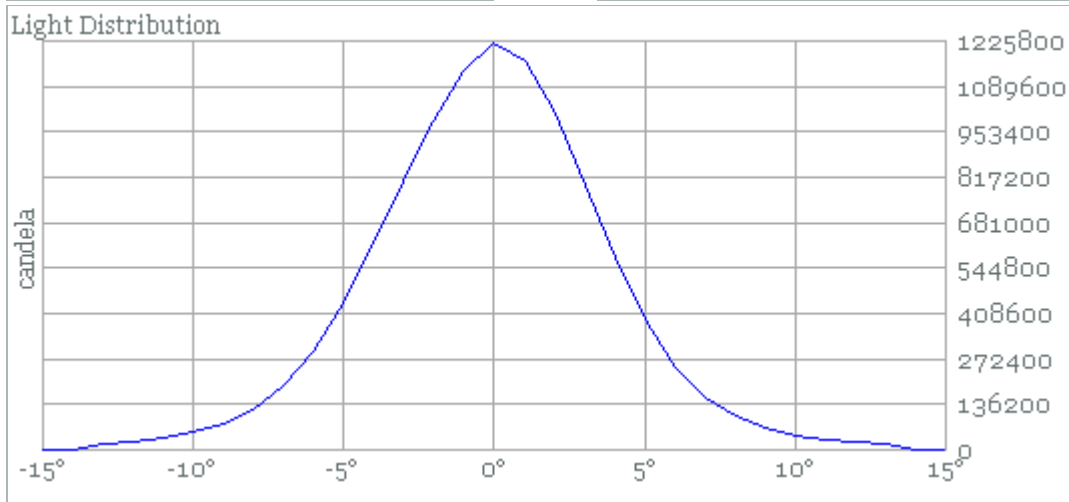
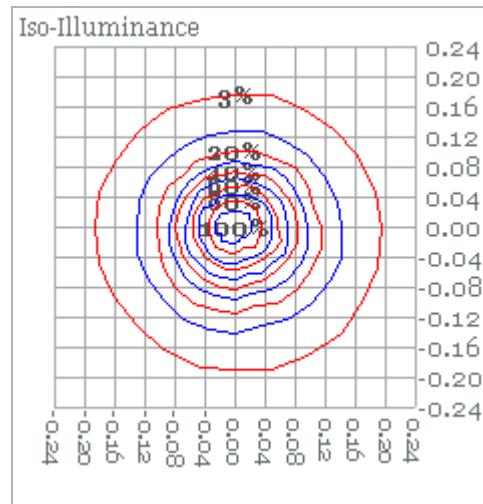
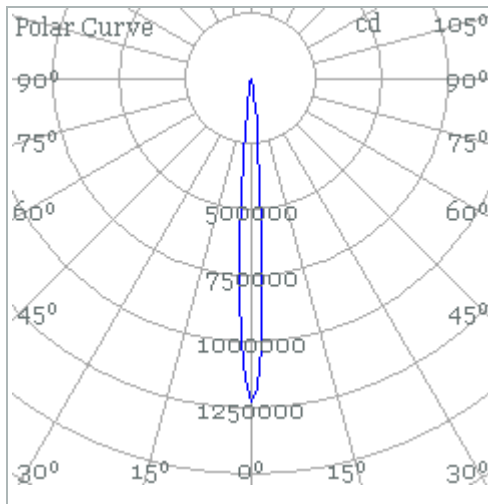



Exterior 1200 Wash Photometrics

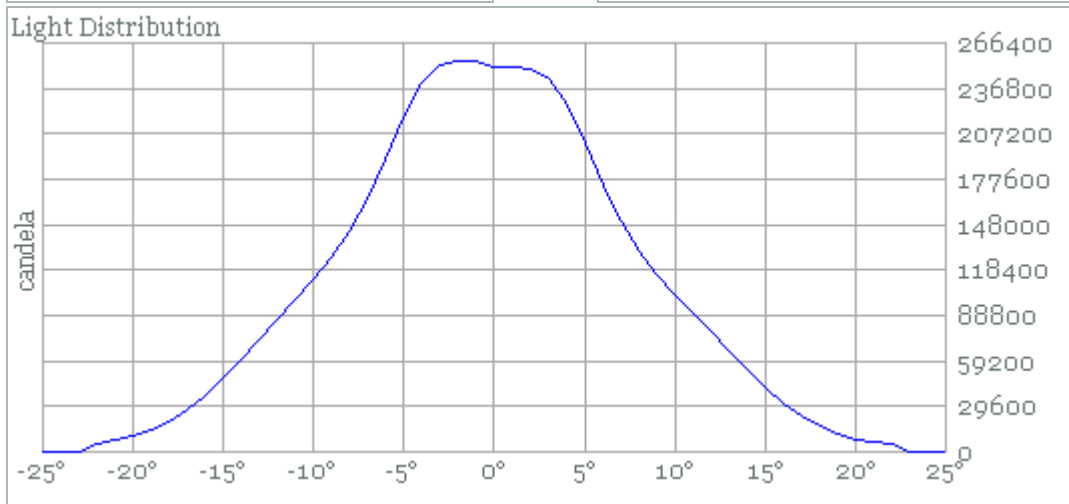
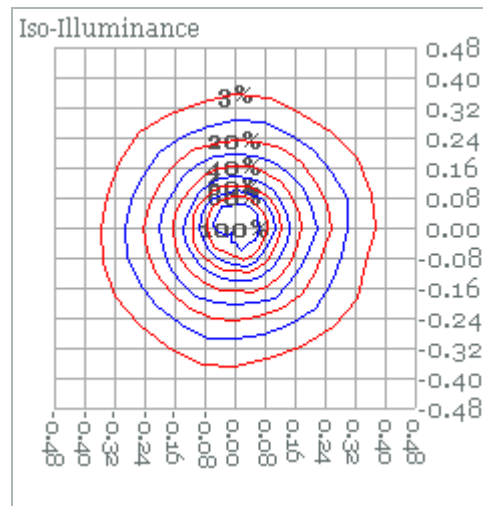
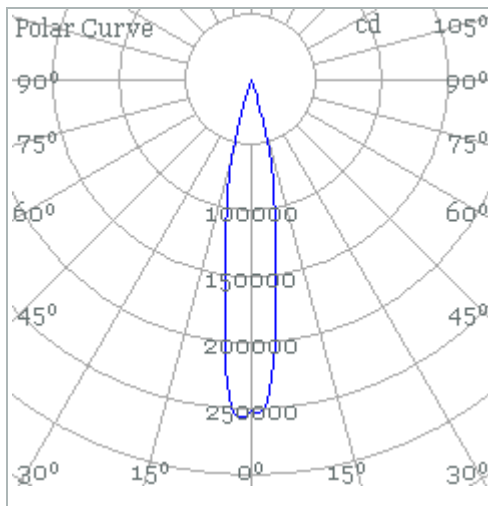
Narrow Lens , Zoom at M (8°)

m.	Ø 50%	8°	E (lux)	Efficiency
5	0.7		49040	31%
10	1.4		12260	Half-peak diameter
20	2.8		3065	0.14 X distance(m)
30	4.2		1362	Illuminance
50	7.0		490	1226000 / distance ² (lux)
				Total Output
				28600 (lumens)




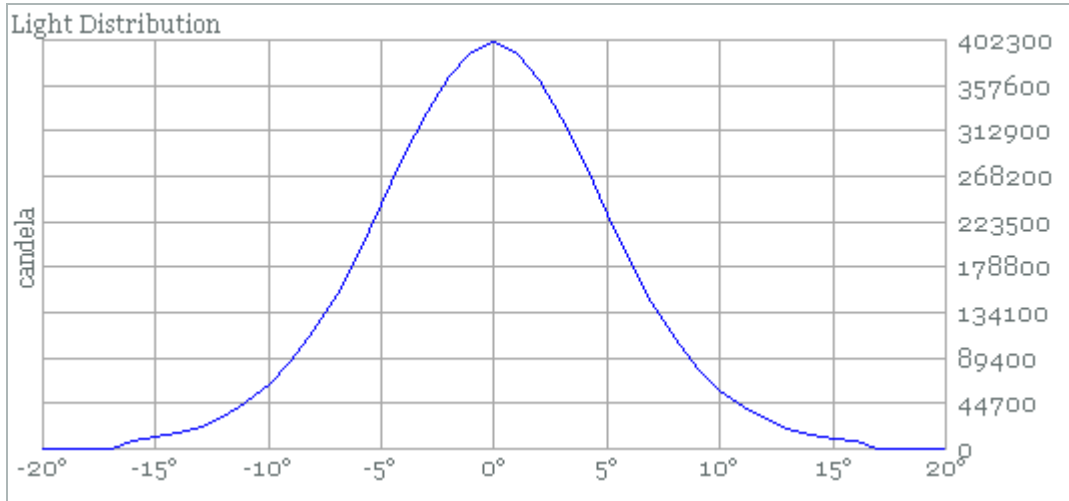
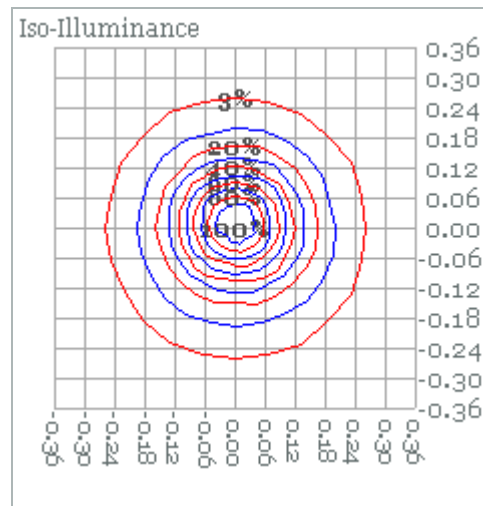
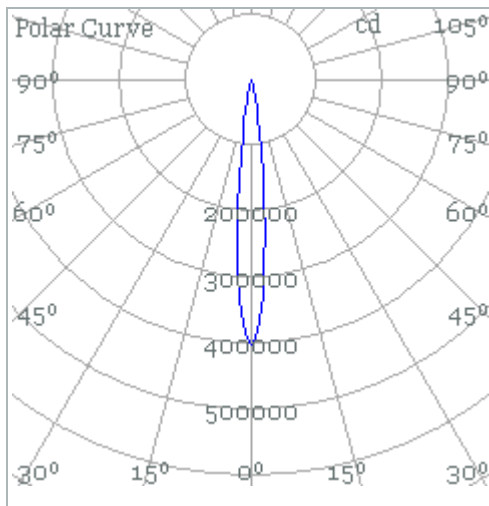
Narrow Lens , Zoom at M (16°)

m.	∅ 50%	16°	E (lux)	Efficiency
5	1.4		10760	31%
10	2.8		2690	Half-peak diameter
20	5.6		673	0.28 X distance(m)
30	8.4		299	Illuminance
50	14.1		108	269000 / distance ² (lux)
				Total Output
				28200 (lumens)

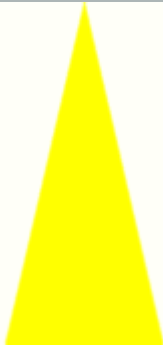


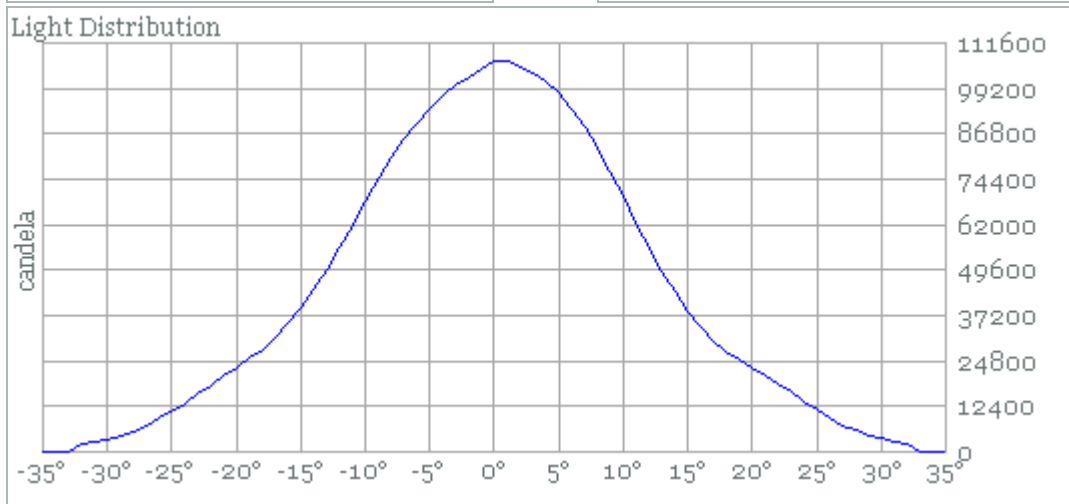
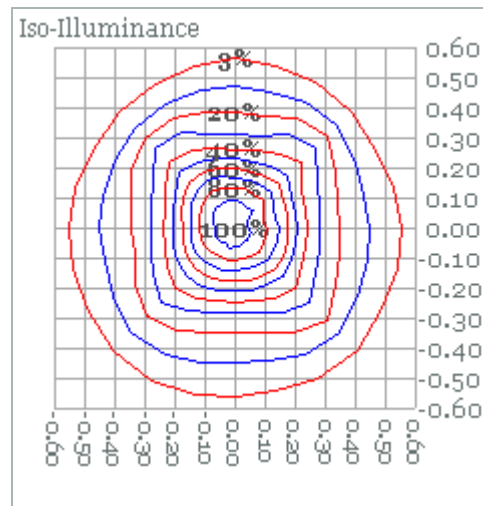
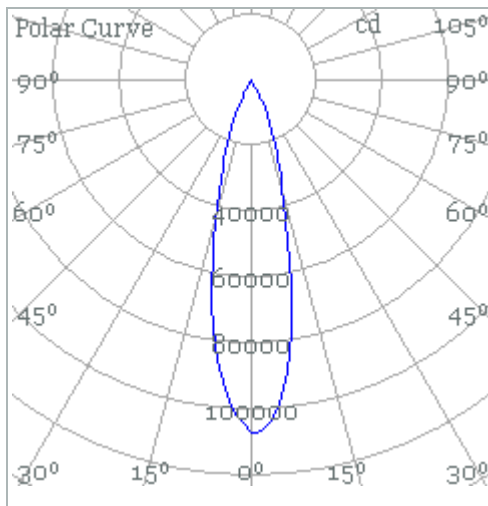
Medium Lens , Zoom at M (11.5°)

m.	Ø 50%	11.5°	E (lux)	Efficiency
5	1.0		16200	22%
10	2.0		4050	Half-peak diameter
20	4.0		1013	0.20 X distance(m)
30	6.0		450	Illuminance
50	10.1		162	405000 / distance ² (lux)
				Total Output
				20100 (lumens)




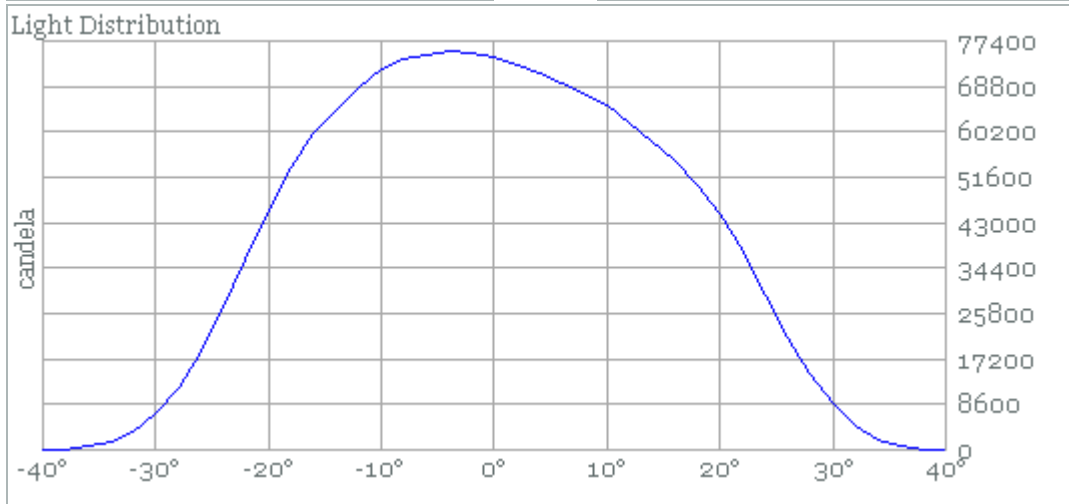
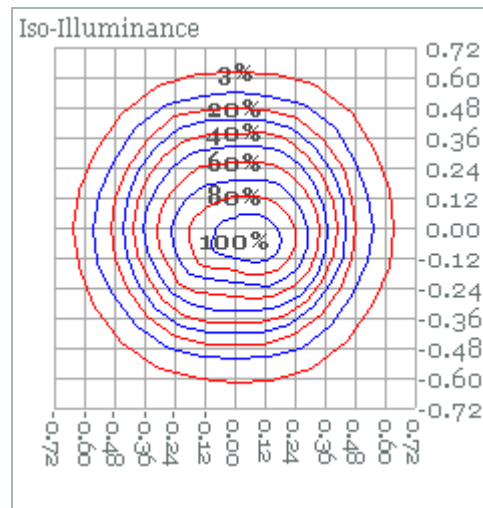
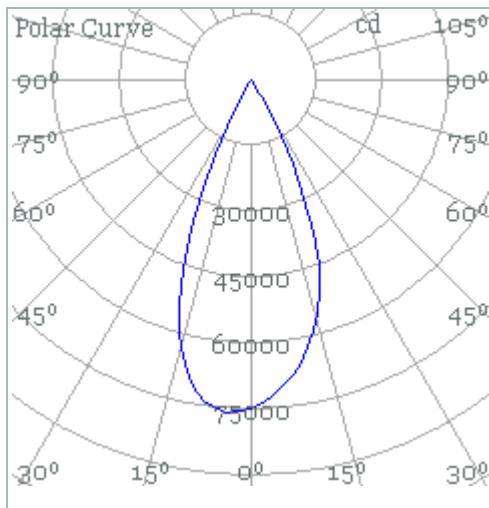
Medium Lens , Zoom at M (26°)

m.	Ø 50%	26°	E (lux)	Efficiency
5	2.3		4480	31%
10	4.6		1120	Half-peak diameter
20	9.2		280	0.46 X distance(m)
30	13.9		124	Illuminance
50	23.1		45	112000 / distance ² (lux)
				Total Output
				28800 (lumens)




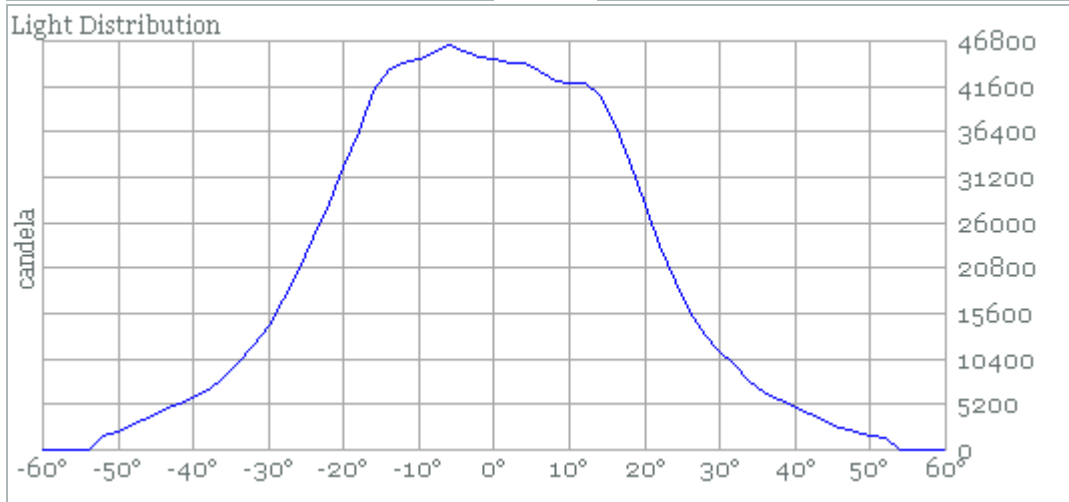
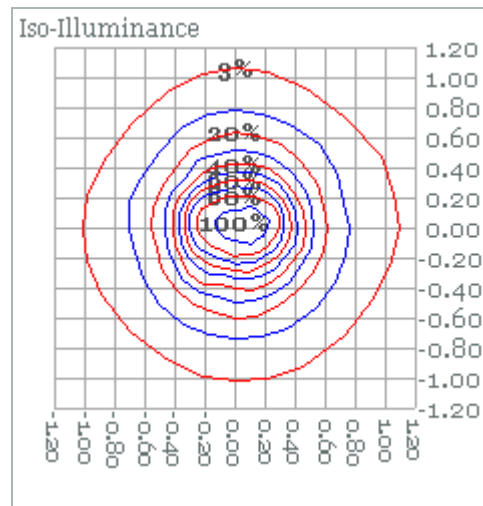
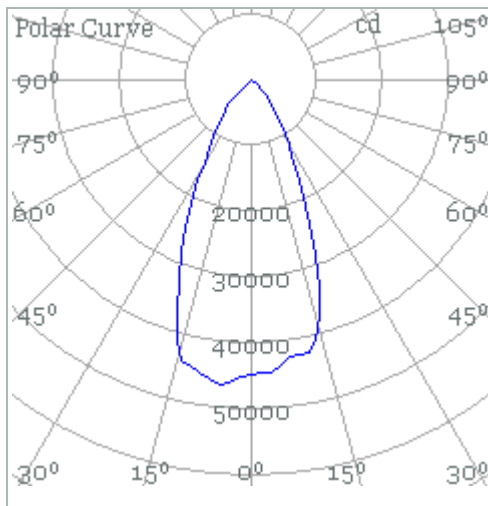
Wide Lens (42°)

m.	Ø 50%	42°	E (lux)	Efficiency
5	3.8		3120	38%
10	7.7		780	Half-peak diameter
20	15.4		195	0.77 X distance(m)
30	23.0		87	Illuminance
50	38.4		31	78000 / distance ² (lux)
				Total Output
				34500 (lumens)

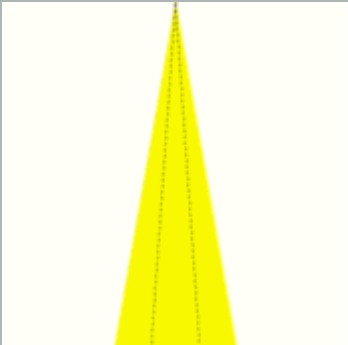


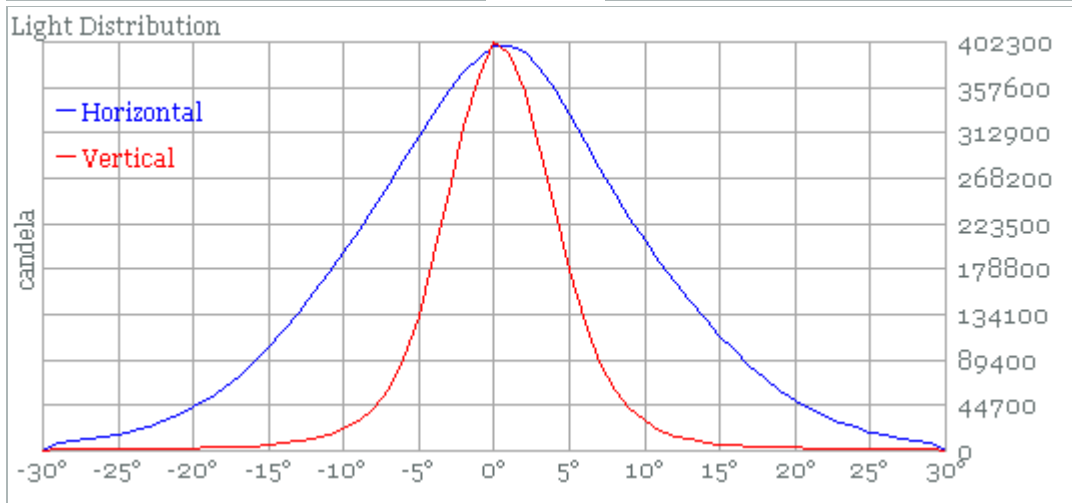
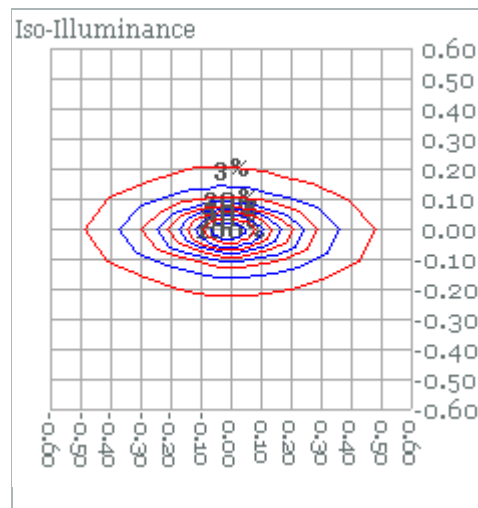
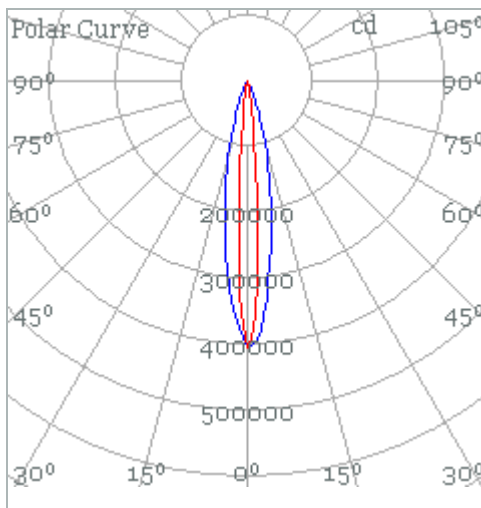
Very Wide Lens (46°)

m.	Ø 50%	46°	E (lux)	Efficiency
				37%
5	4.2		1880	Half-peak diameter
10	8.5		470	0.85 X distance(m)
20	17.0		118	Illuminance
30	25.5		52	47000 / distance ² (lux)
50	42.4		19	Total Output
				33700 (lumens)

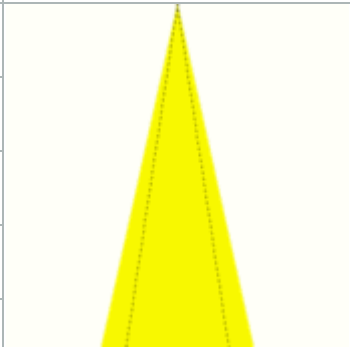


Narrow with ellipsoidal beamshaper Lens , Zoom at M (20° X 8.5°)

m.	Ø 50%		20° 8.5°	E (lux)	Efficiency
	C ₀	C ₉₀			29%
5	1.8	0.7		16080	Half-peak diameter C ₀
10	3.5	1.5		4020	0.35 X distance(m)
20	7.1	3.0		1005	Half-peak diameter C ₉₀
30	10.6	4.5		447	0.15 X distance(m)
50	17.6	7.4		161	Illuminance
				402000 / distance ² (lux)	
				Total Output	
				26400 (lumens)	



Narrow with ellipsoidal beamshaper Lens , Zoom at M (25° X 17°)

m.	Ø 50%		25° 17°	E (lux)	Efficiency
	C ₀	C ₉₀			26%
5	2.2	1.5		6280	Half-peak diameter C ₀
10	4.4	3.0		1570	0.44 X distance(m)
20	8.9	6.0		393	Half-peak diameter C ₉₀
30	13.3	9.0		174	0.30 X distance(m)
50	22.2	14.9		63	Illuminance
					157000 / distance ² (lux)
					Total Output
					24400 (lumens)

