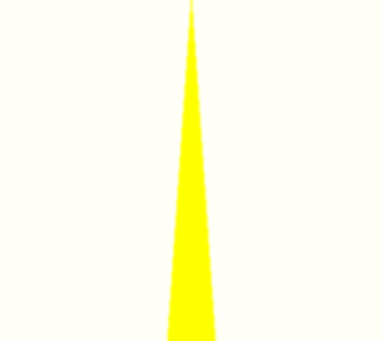
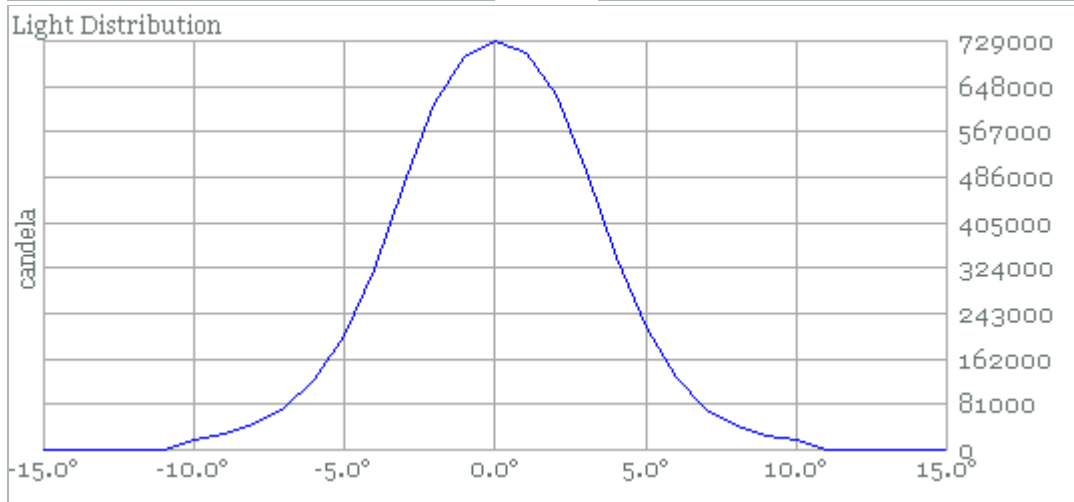
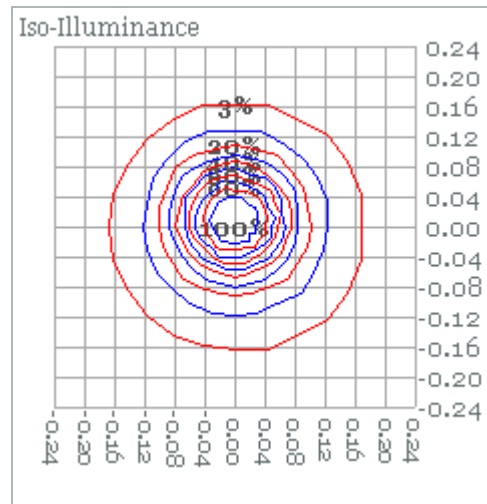
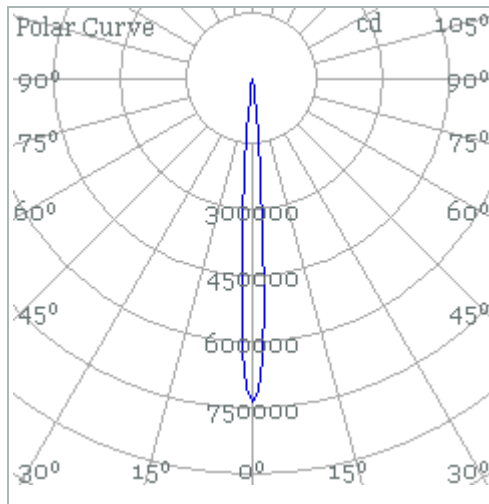


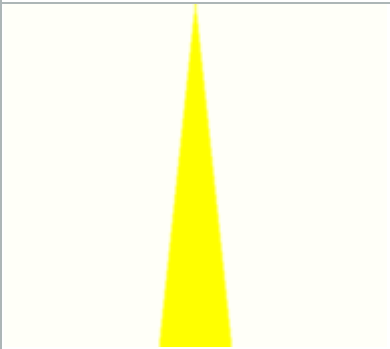
Exterior Wash 320 Photometrics

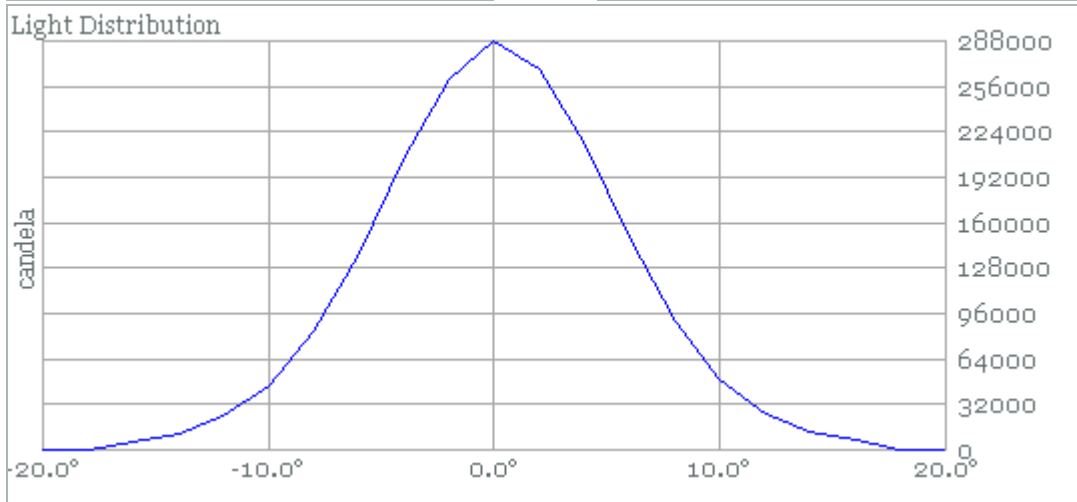
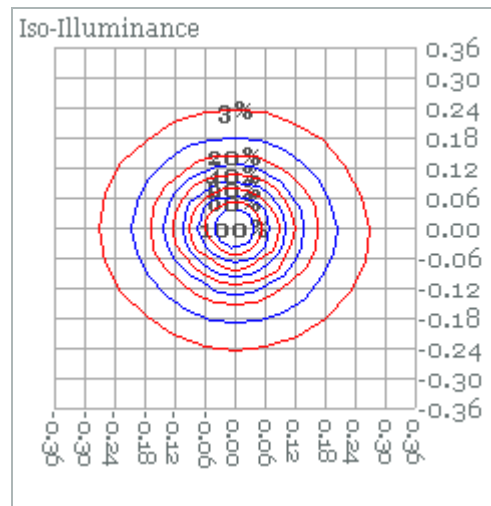
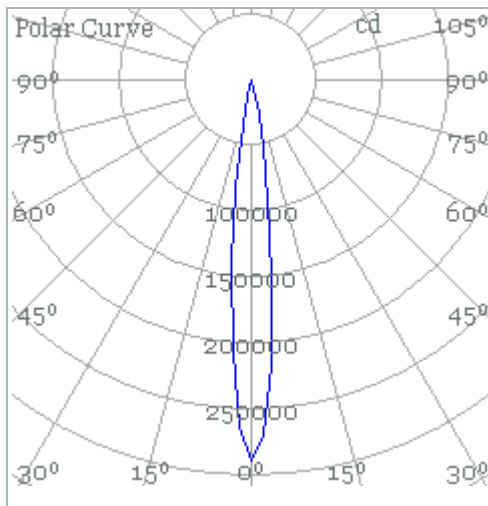
Standard (All LEDs on. Balanced White. No Diffuser.) (7.5°)

m.	Ø 50%	7.5°	E (lux)	Efficacy
5	0.7		29160	62.8 lumens per watt
10	1.3		7290	Half-peak diameter
20	2.6		1823	0.13 X distance(m)
30	3.9		810	Illuminance
50	6.6		292	729000 / distance ² (lux)
				Total Output
				15100 (lumens)

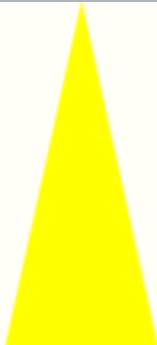


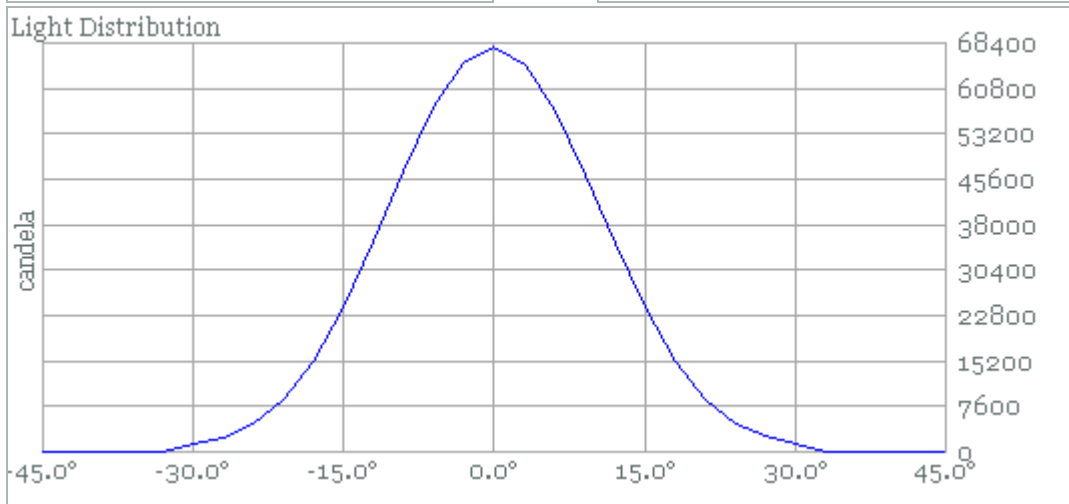
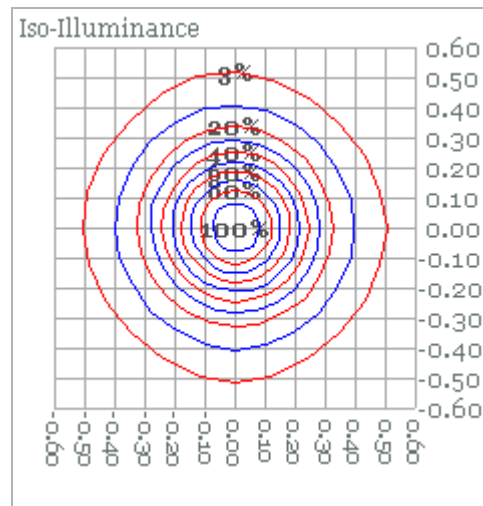
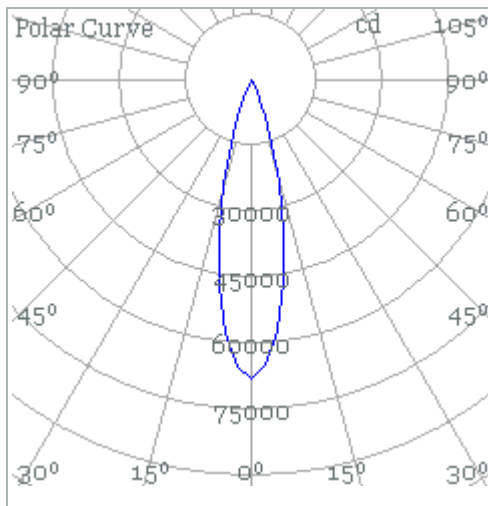
Narrow (All LEDs on. Balanced White. Narrow Diffuser.) (11.5°)

m.	Ø 50%	11.5°	E (lux)	Efficacy
5	1.0		11520	56.7 lumens per watt
10	2.0		2880	Half-peak diameter
20	4.0		720	0.20 X distance(m)
30	6.0		320	Illuminance
50	10.1		115	288000 / distance ² (lux)
				Total Output
				13600 (lumens)




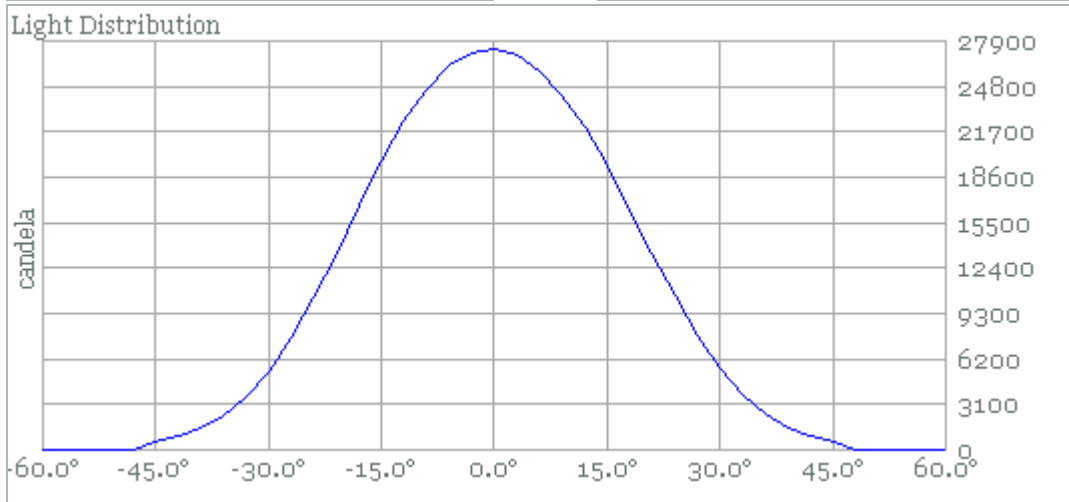
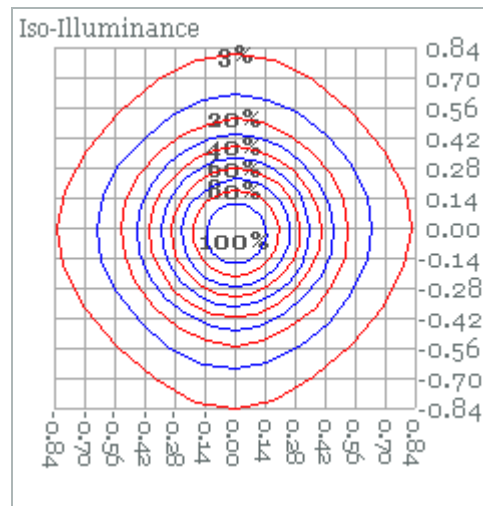
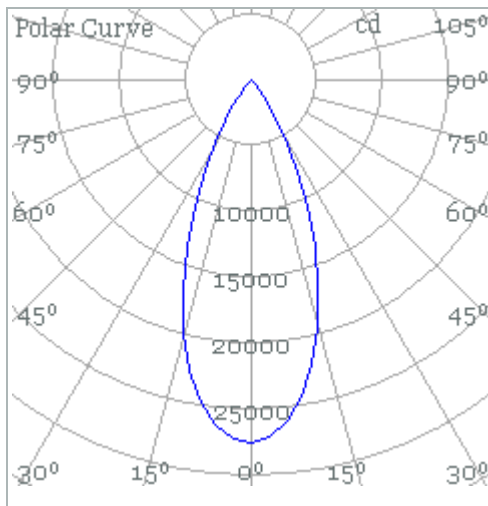
Medium (All LEDs on. Balanced White. Medium Diffuser) (25°)

m.	Ø 50%	25°	E (lux)	Efficacy
				58.2 lumens per watt
5	2.2		2720	Half-peak diameter
10	4.4		680	0.44 X distance(m)
20	8.9		170	Illuminance
30	13.3		76	68000 / distance ² (lux)
50	22.2		27	Total Output
				14000 (lumens)

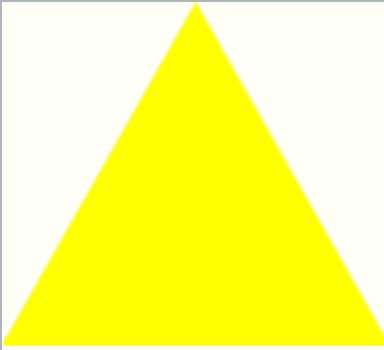


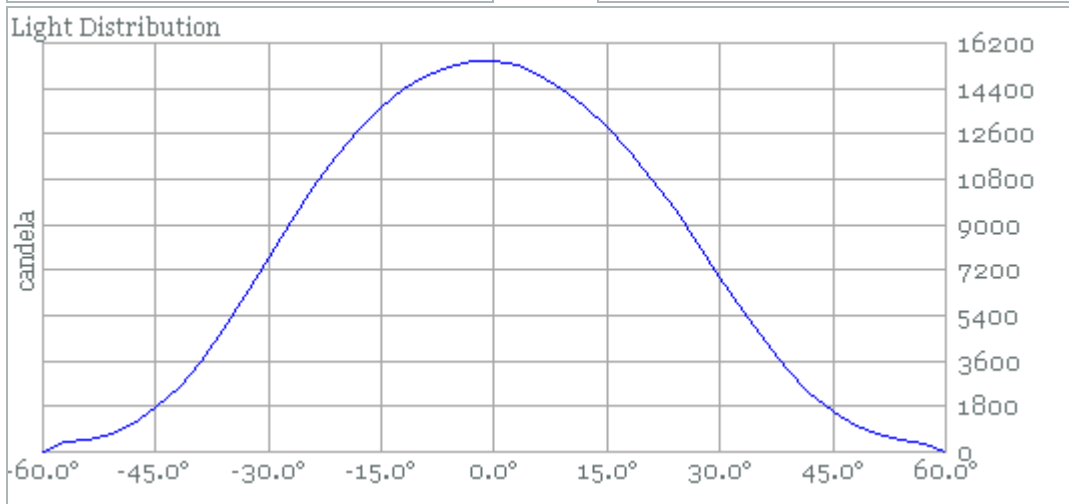
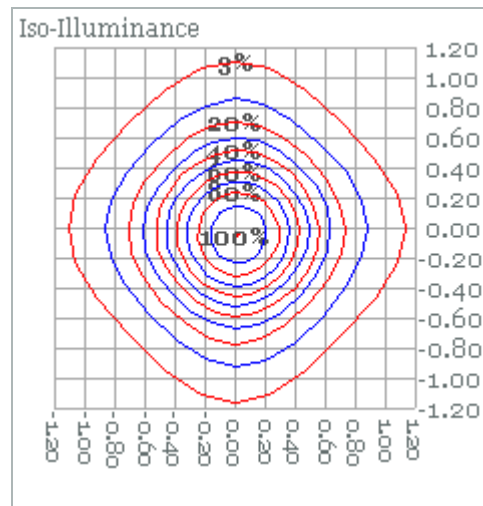
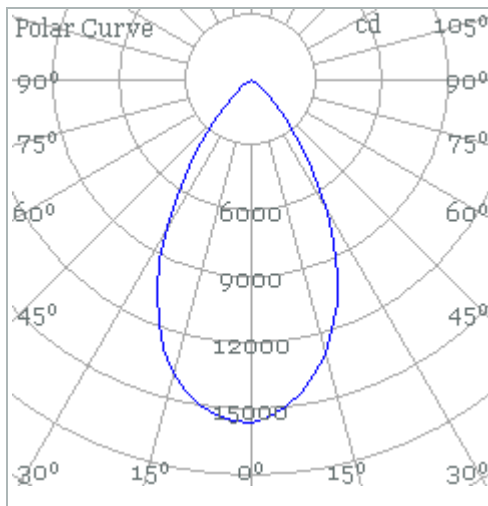
Wide (All LEDs on. Balanced White. Wide Diffuser.) (41°)

m.	Ø 50%	41°	E (lux)	Efficacy
				59.7 lumens per watt
5	3.7		1080	Half-peak diameter
10	7.5		270	0.75 X distance(m)
20	15.0		68	Illuminance
30	22.4		30	27000 / distance ² (lux)
50	37.4		11	Total Output
				14300 (lumens)



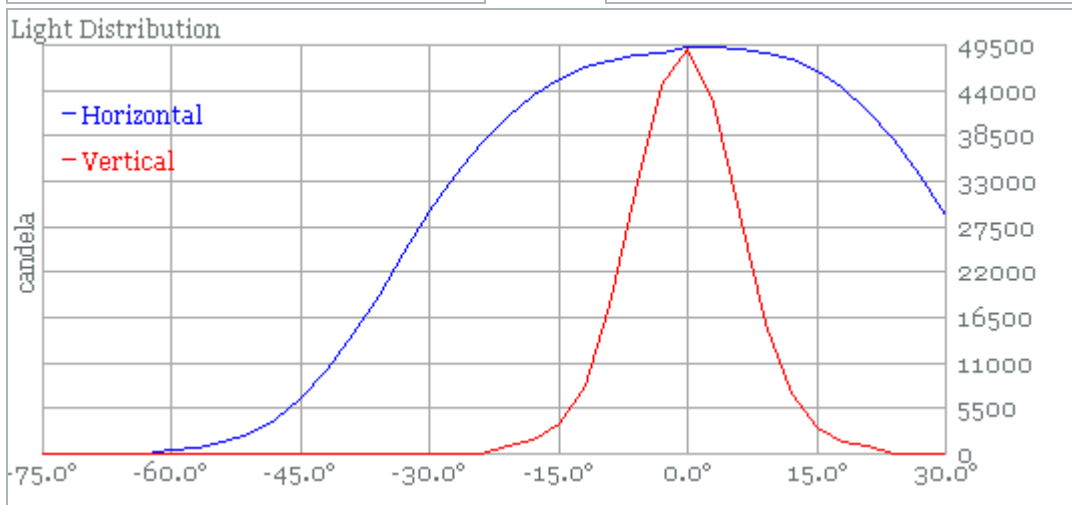
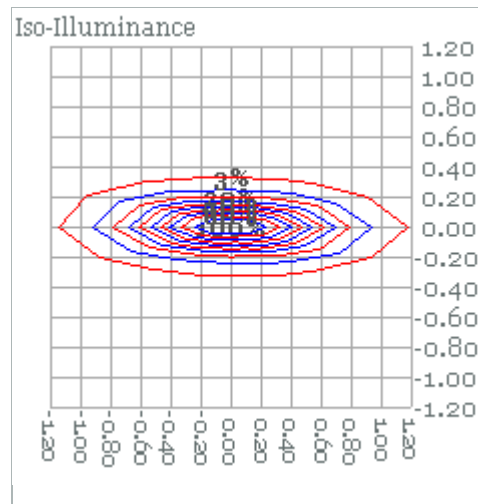
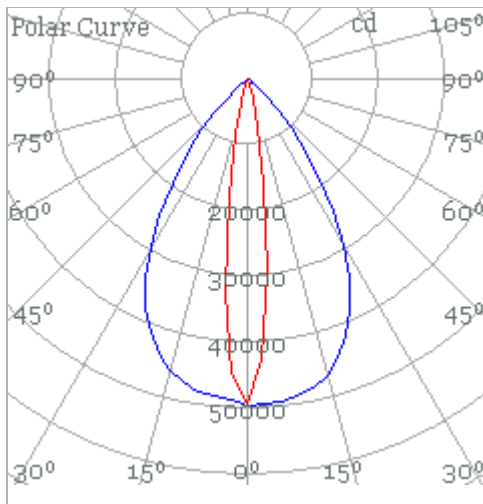
Very Wide (All LEDs on. Balanced White. Very Wide Diffuser.) (59°)

m.	Ø 50%	59°	E (lux)	Efficacy
5	5.7		640	61.6 lumens per watt
10	11.3		160	Half-peak diameter
20	22.6		40	1.13 X distance(m)
30	33.9		18	Illuminance
50	56.6		6	16000 / distance ² (lux)
				Total Output
				14800 (lumens)




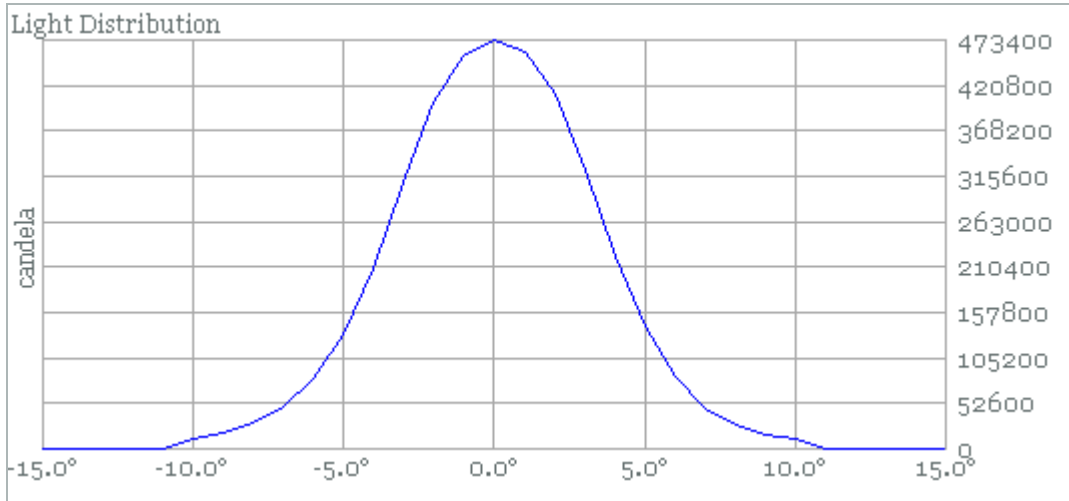
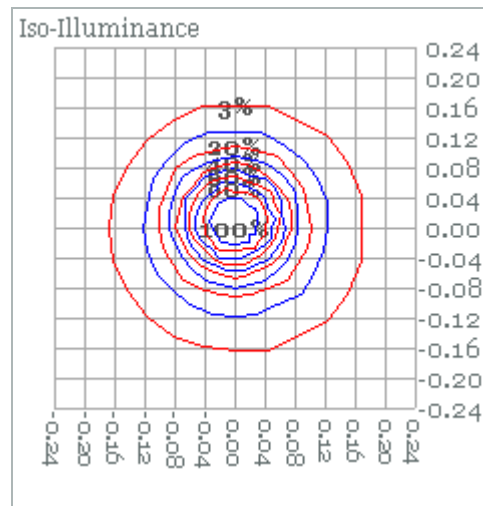
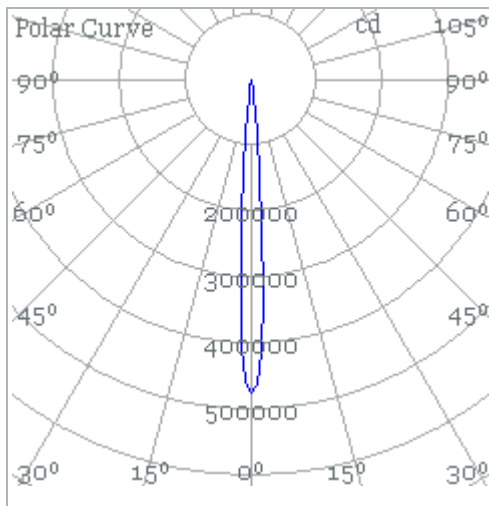
Standard with ellipsoidal beamshaper (All LEDs on. Balanced White. .Asymmetric Diffuser) (65° X 14.5°)

m.	Ø 50%		65° 14.5°	E (lux)	Efficacy
	C ₀	C ₉₀			62.7 lumens per watt
5	6.4	1.3		1960	Half-peak diameter C ₀
10	12.7	2.5		490	1.27 X distance(m)
20	25.5	5.1		123	Half-peak diameter C ₉₀
30	38.2	7.6		54	0.25 X distance(m)
50	63.7	12.7		20	Illuminance
					49000 / distance ² (lux)
					Total Output
					15000 (lumens)

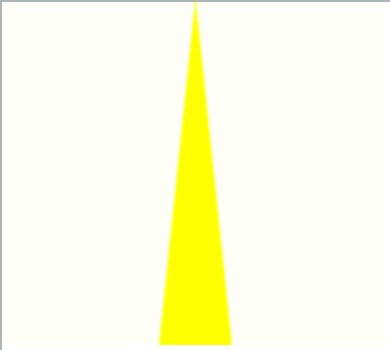


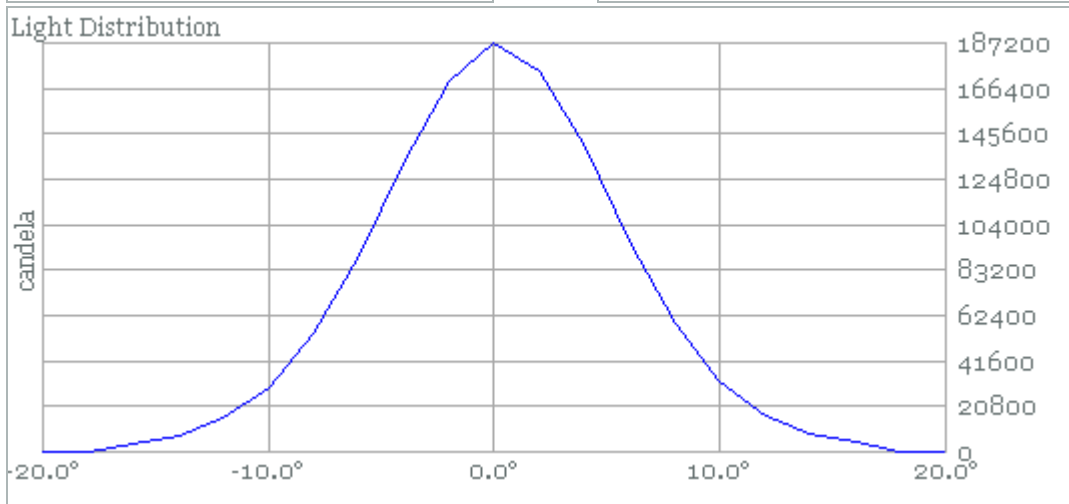
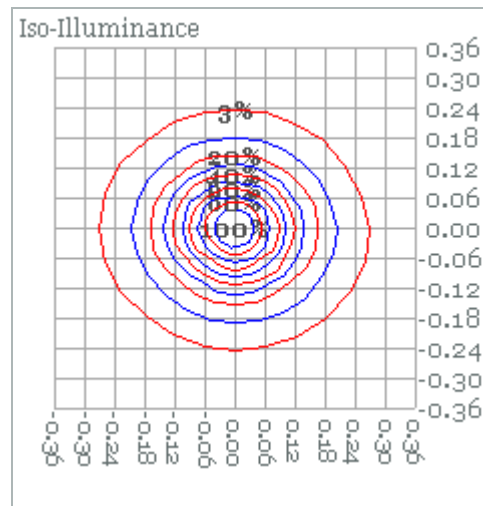
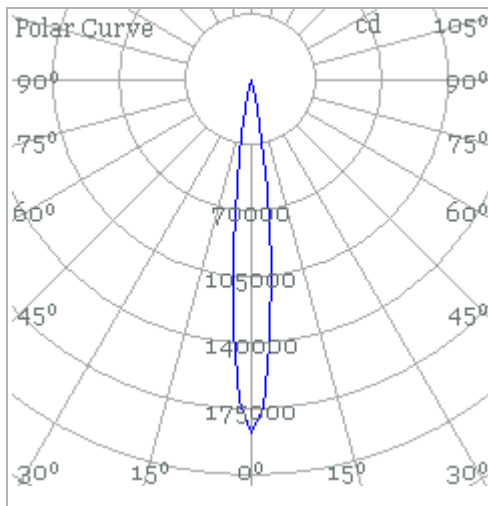
Standard (Only Cold White LEDs on. No Diffuser.) (7.5°)

m.	Ø 50%	7.5°	E (lux)	Efficacy
				69.9 lumens per watt
5	0.7		18920	Half-peak diameter
10	1.3		4730	0.13 X distance(m)
20	2.6		1183	Illuminance
30	3.9		526	473000 / distance ² (lux)
50	6.6		189	Total Output
				9800 (lumens)

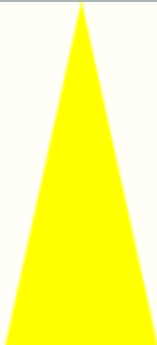


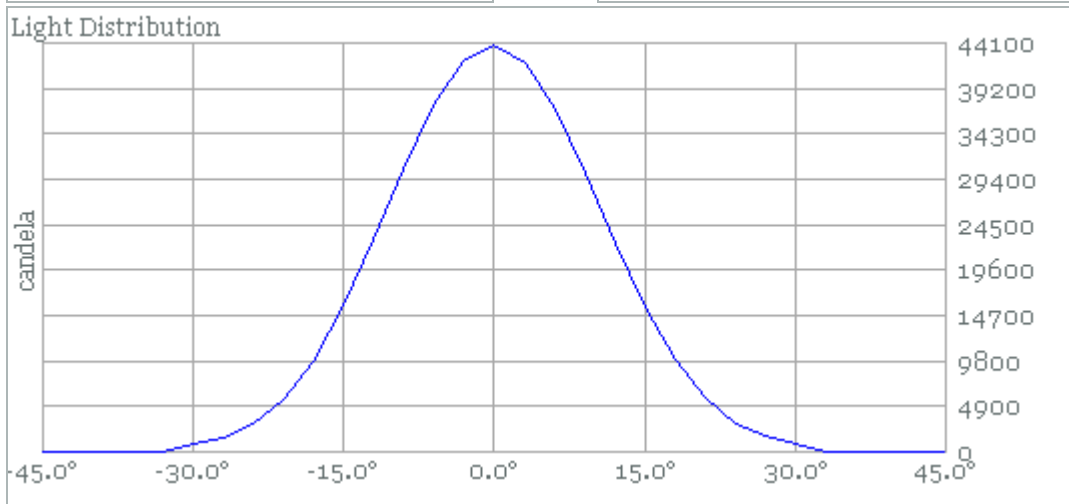
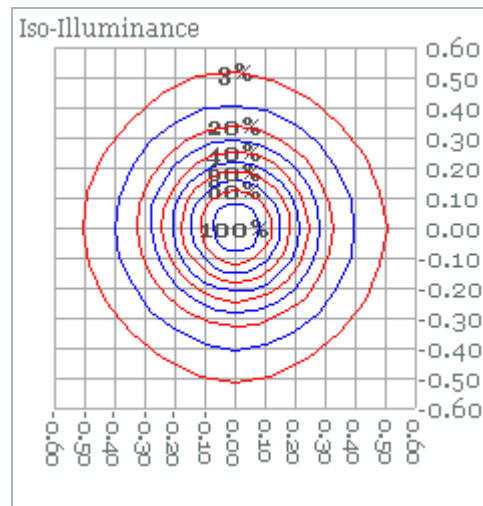
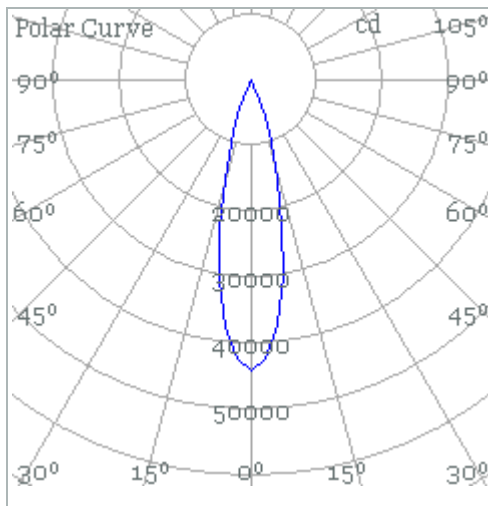
Narrow (Only Cold White LEDs on. Narrow Diffuser) (11.5°)

m.	Ø 50%	11.5°	E (lux)	Efficacy
5	1.0		7480	63 lumens per watt
10	2.0		1870	Half-peak diameter
20	4.0		468	0.20 X distance(m)
30	6.0		208	Illuminance
50	10.1		75	187000 / distance ² (lux)
				Total Output
				8800 (lumens)




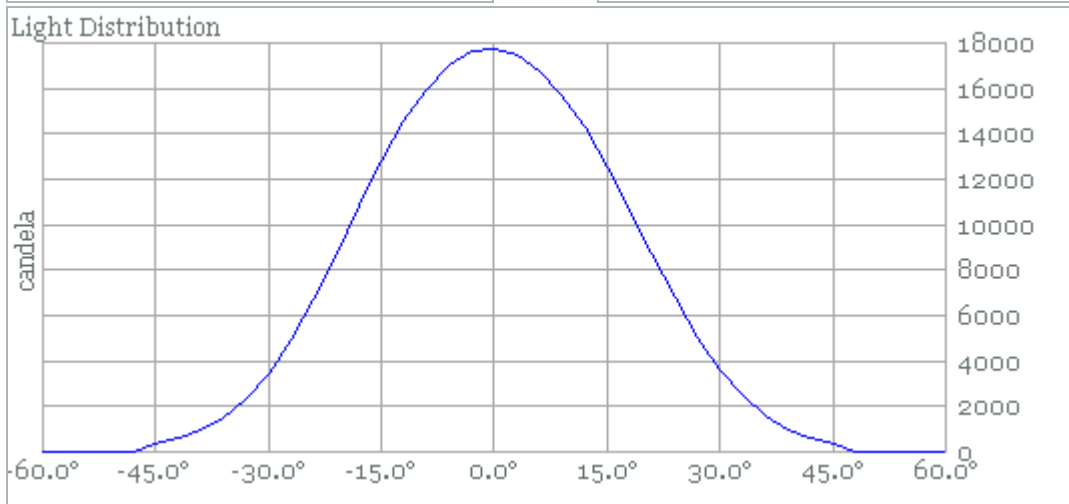
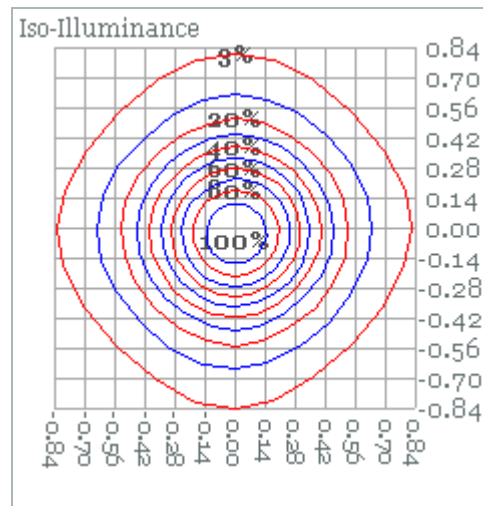
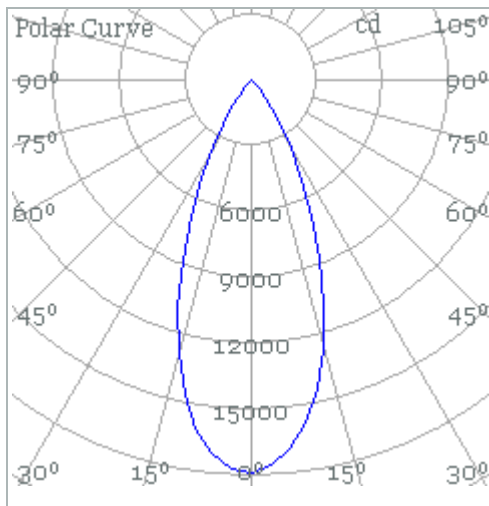
Medium (Only Cold White LEDs on. Medium Diffuser) (25°)

m.	Ø 50%	25°	E (lux)	Efficacy
				64.8 lumens per watt
5	2.2		1760	Half-peak diameter
10	4.4		440	0.44 X distance(m)
20	8.9		110	Illuminance
30	13.3		49	44000 / distance ² (lux)
50	22.2		18	Total Output
				9100 (lumens)

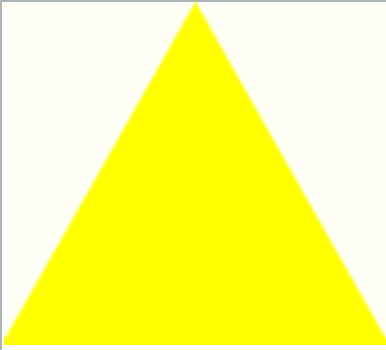


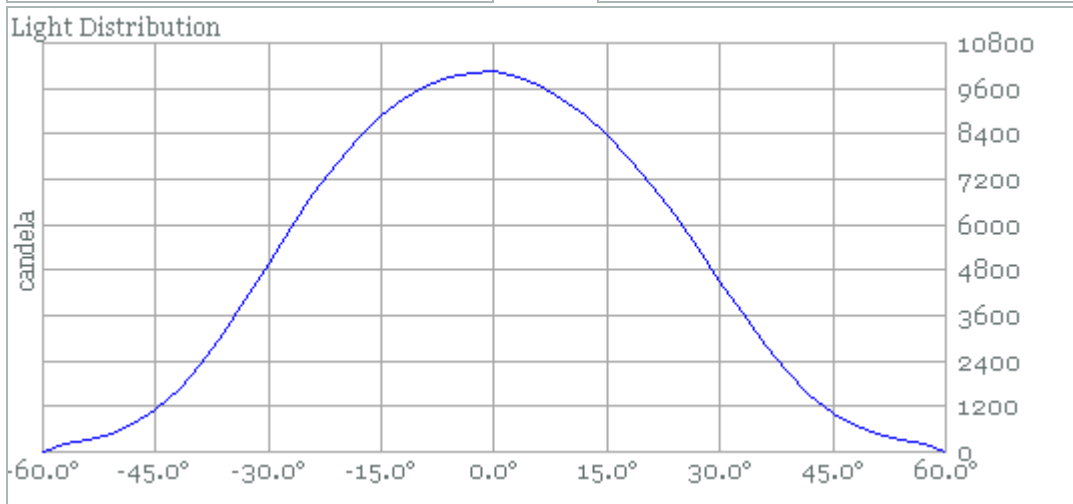
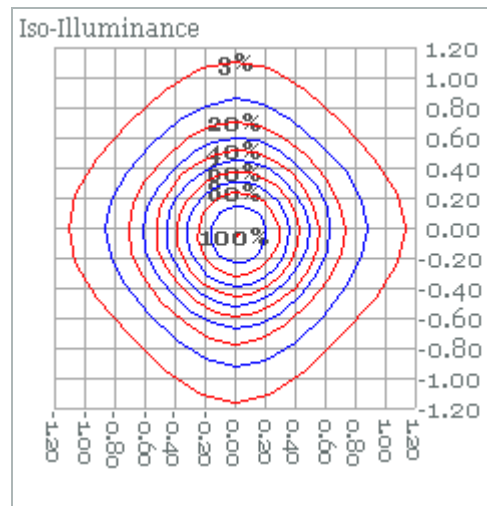
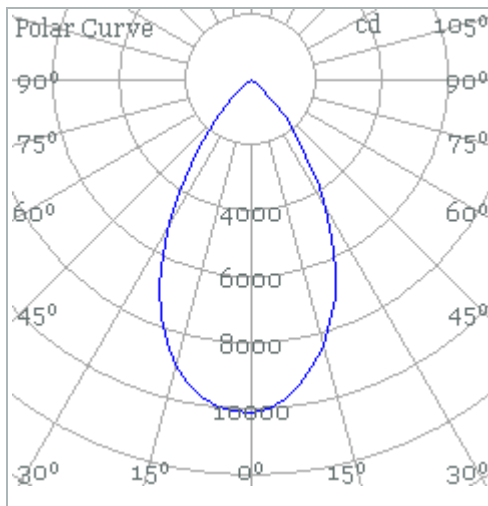
Wide (Only Cold White LEDs on. Wide Diffuser) (41°)

m.	Ø 50%	41°	E (lux)	Efficacy
5	3.7		720	66.4 lumens per watt
10	7.5		180	Half-peak diameter
20	15.0		45	0.75 X distance(m)
30	22.4		20	Illuminance
50	37.4		7	18000 / distance ² (lux)
				Total Output
				9300 (lumens)



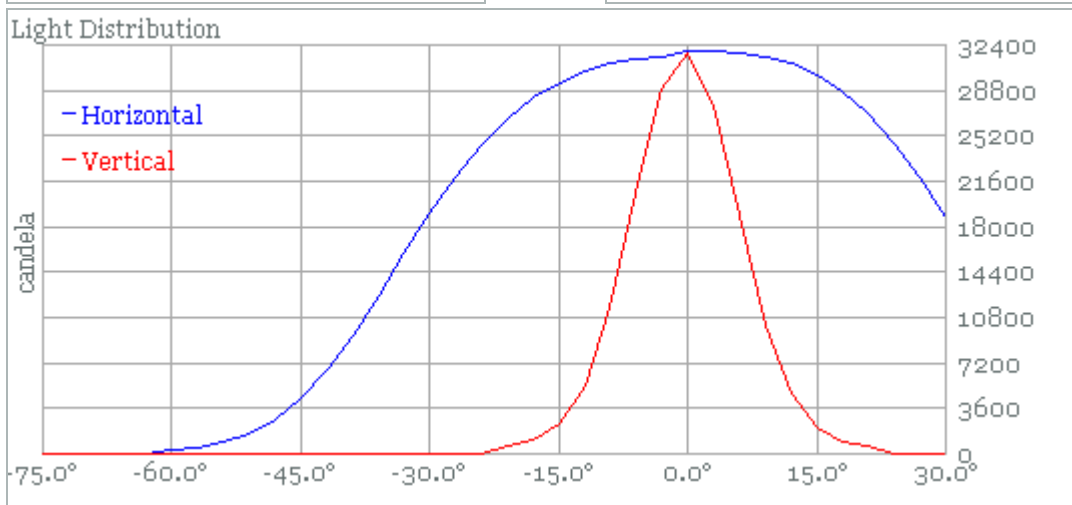
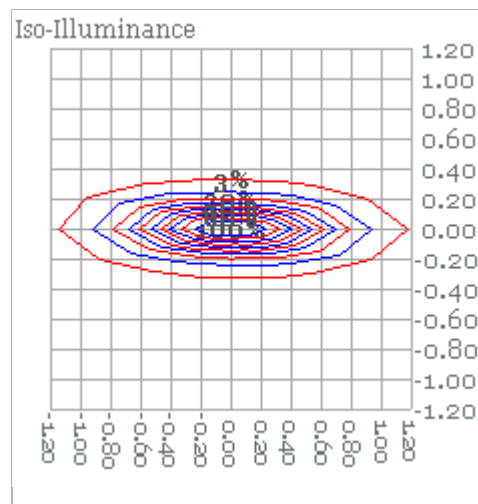
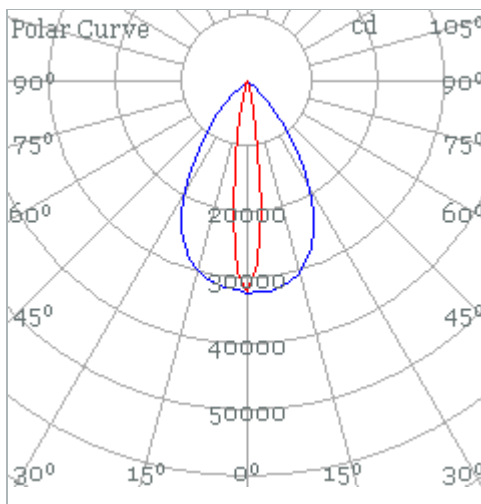
Very Wide (Only Cold White LEDs on. Very Wide Diffuser) (59°)

m.	Ø 50%	59°	E (lux)	Efficacy
5	5.7		400	68.5 lumens per watt
10	11.3		100	Half-peak diameter
20	22.6		25	1.13 X distance(m)
30	33.9		11	Illuminance
50	56.6		4	10000 / distance ² (lux)
				Total Output
				9600 (lumens)

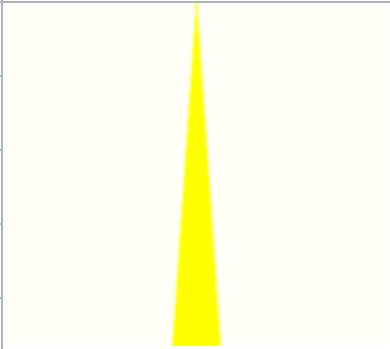


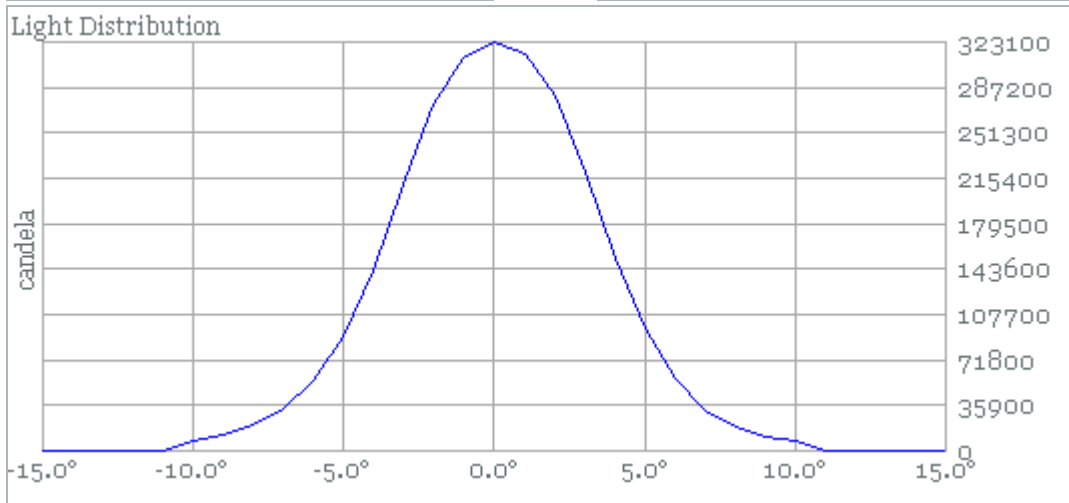
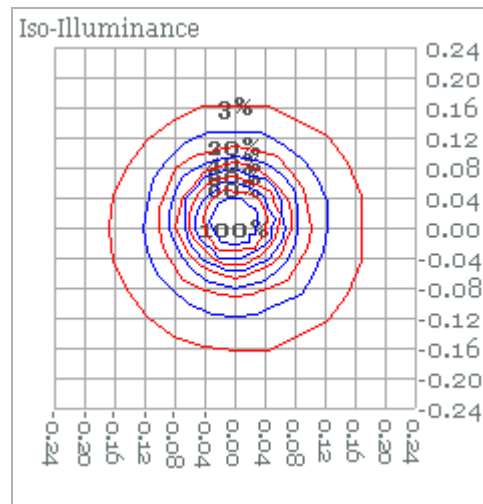
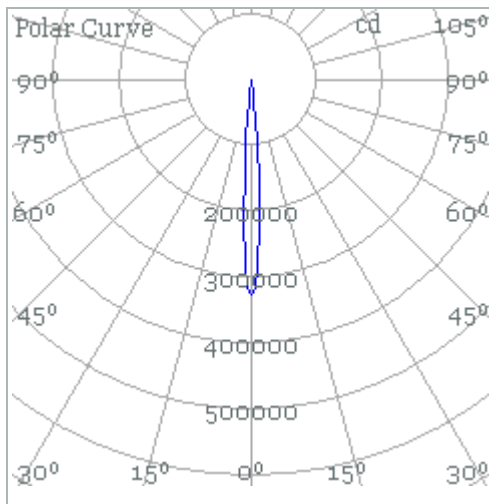
Standard with ellipsoidal beamshaper (Only Cold White LEDs on. Asymmetric Diffuser) (65° X 14.5°)

m.	Ø 50%		65° 14.5°	E (lux)	Efficacy
	C ₀	C ₉₀			69.7 lumens per watt
5	6.4	1.3		1280	Half-peak diameter C ₀
10	12.7	2.5		320	1.27 X distance(m)
20	25.5	5.1		80	Half-peak diameter C ₉₀
30	38.2	7.6		36	0.25 X distance(m)
50	63.7	12.7		13	Illuminance
					32000 / distance ² (lux)
					Total Output
					9800 (lumens)




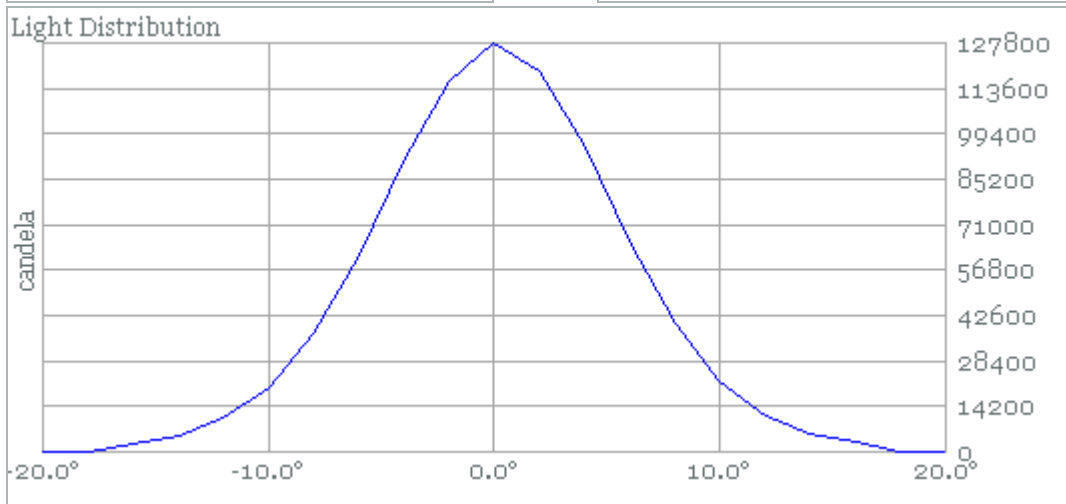
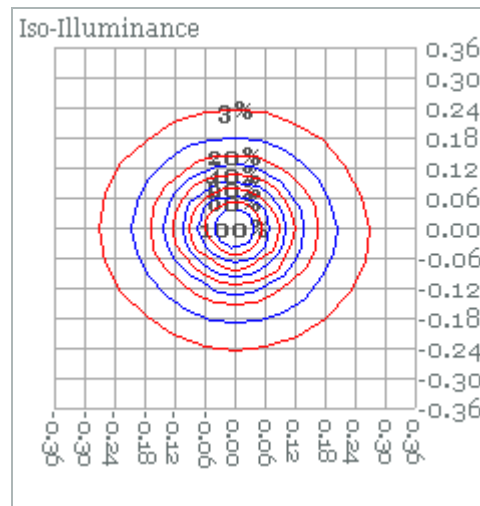
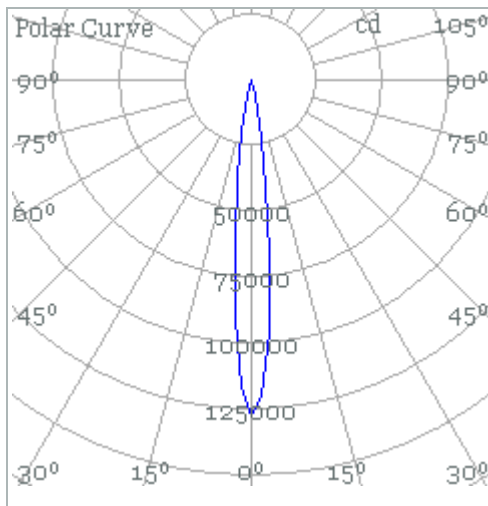
Standard (Only Warm White LEDs on. No Diffuser.) (7.5°)

m.	Ø 50%	7.5°	E (lux)	Efficacy
				50.6 lumens per watt
5	0.7		12920	Half-peak diameter
10	1.3		3230	0.13 X distance(m)
20	2.6		808	Illuminance
30	3.9		359	323000 / distance ² (lux)
50	6.6		129	Total Output
				6700 (lumens)

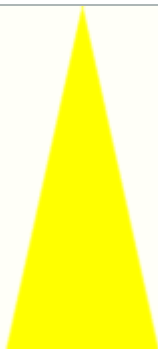


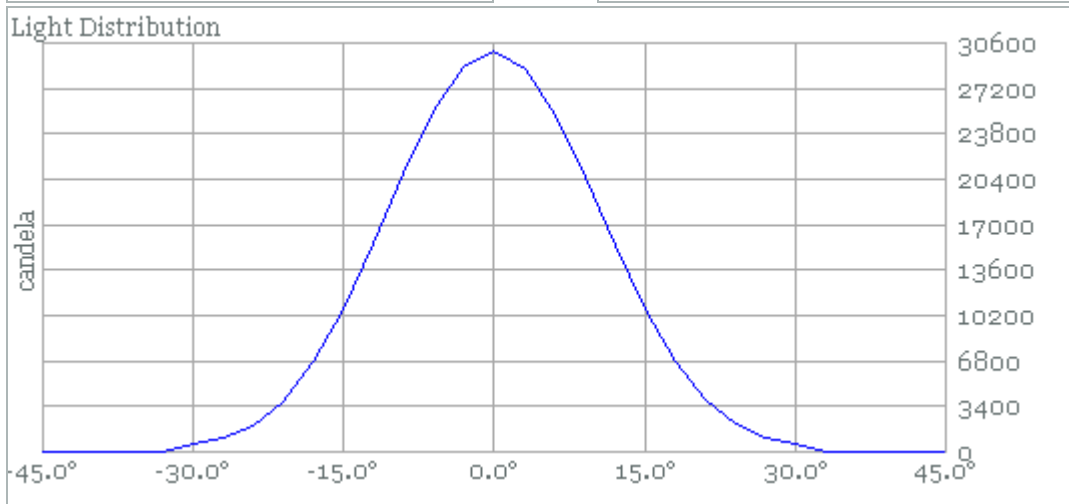
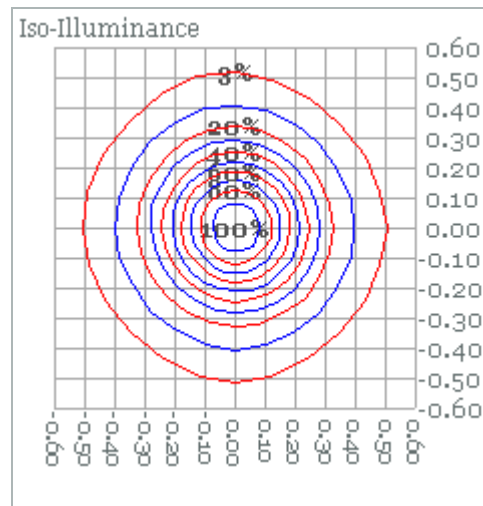
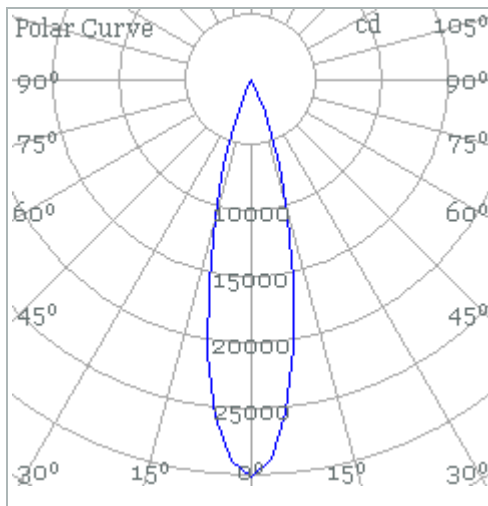
Narrow (Only Warm White LEDs on. Narrow Diffuser) (11.5°)

m.	Ø 50%	11.5°	E (lux)	Efficacy
				45.7 lumens per watt
5	1.0		5120	Half-peak diameter
10	2.0		1280	0.20 X distance(m)
20	4.0		320	Illuminance
30	6.0		142	128000 / distance ² (lux)
50	10.1		51	Total Output
				6000 (lumens)




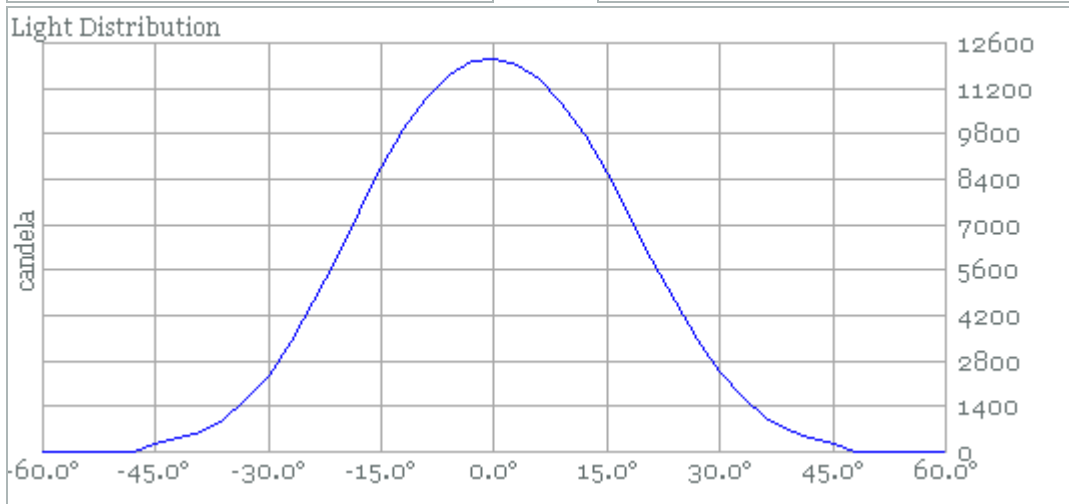
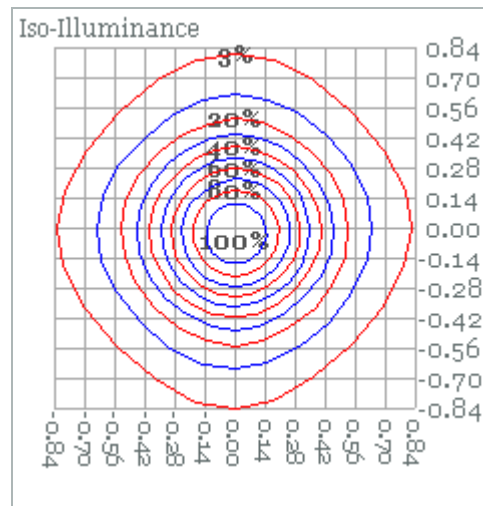
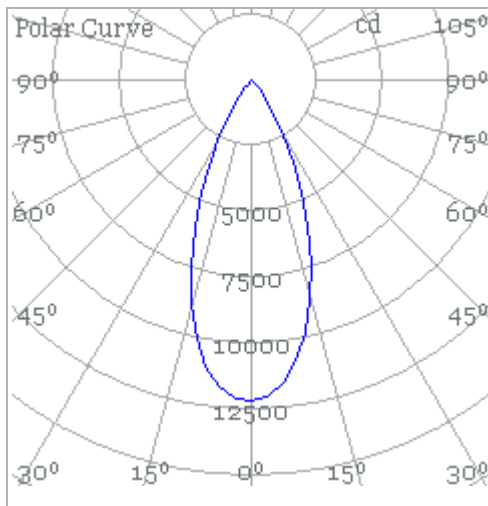
Medium (Only Warm White LEDs on. Medium Diffuser) (25°)

m.	Ø 50%	25°	E (lux)	Efficacy
5	2.2		1200	46.9 lumens per watt
10	4.4		300	Half-peak diameter
20	8.9		75	0.44 X distance(m)
30	13.3		33	Illuminance
50	22.2		12	30000 / distance ² (lux)
				Total Output
				6200 (lumens)

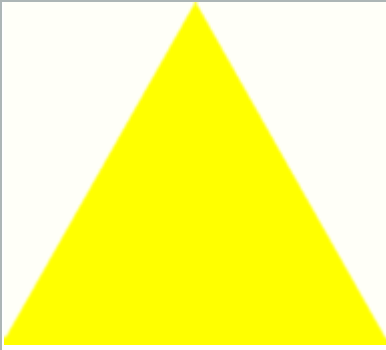


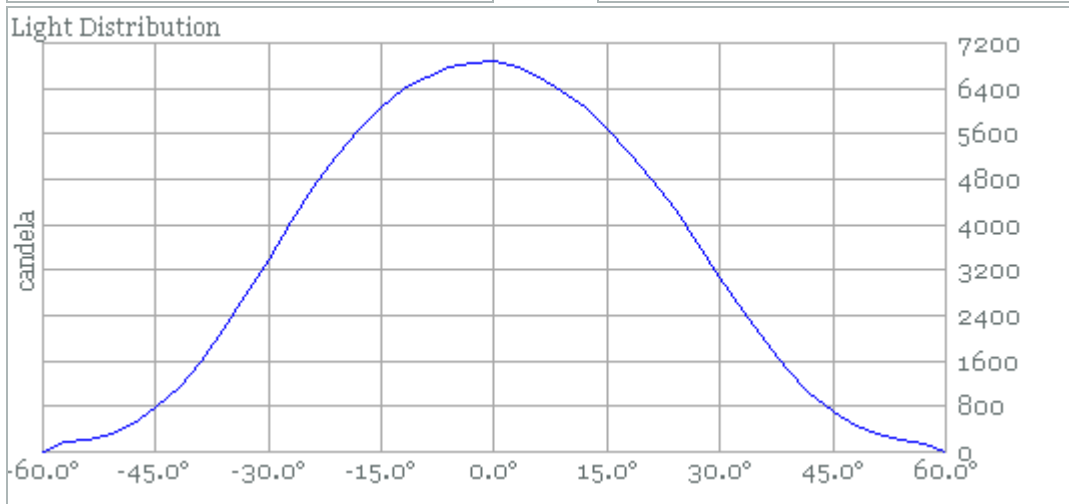
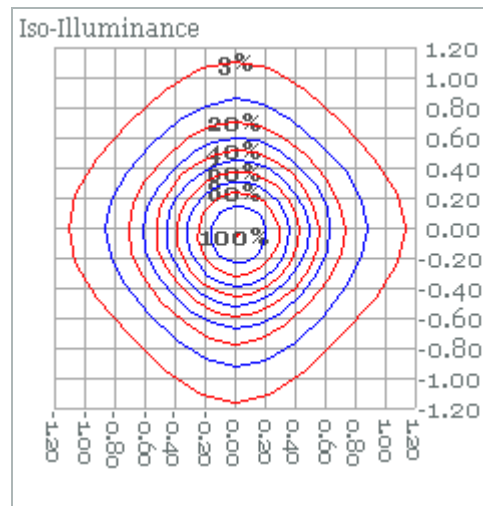
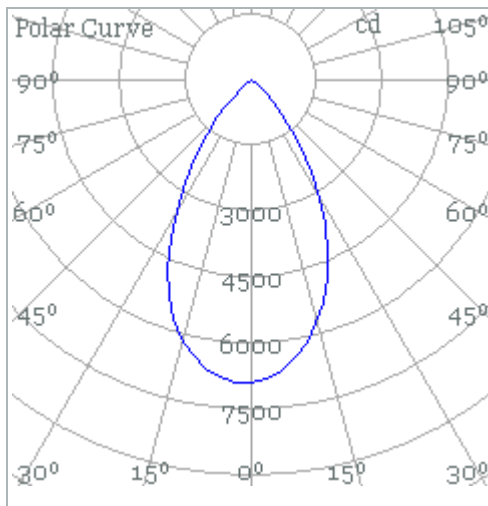
Wide (Only Warm White LEDs on. Wide Diffuser) (41°)

m.	Ø 50%	41°	E (lux)	Efficacy
				48.1 lumens per watt
5	3.7		480	Half-peak diameter
10	7.5		120	0.75 X distance(m)
20	15.0		30	Illuminance
30	22.4		13	12000 / distance ² (lux)
50	37.4		5	Total Output
				6300 (lumens)



Very Wide (Only Warm White LEDs on. Very Wide Diffuser) (59°)

m.	Ø 50%	59°	E (lux)	Efficacy
5	5.7		276	49.6 lumens per watt
10	11.3		69	Half-peak diameter
20	22.6		17	1.13 X distance(m)
30	33.9		8	Illuminance
50	56.6		3	6900 / distance ² (lux)
				Total Output
				6600 (lumens)



Standard with ellipsoidal beamshaper (Only Warm White LEDs on. Asymmetric Diffuser) (65° X 14.5°)

m.	Ø 50%		65° 14.5°	E (lux)	Efficacy
	C ₀	C ₉₀			50.5 lumens per watt
5	6.4	1.3		880	Half-peak diameter C ₀
10	12.7	2.5		220	1.27 X distance(m)
20	25.5	5.1		55	Half-peak diameter C ₉₀
30	38.2	7.6		24	0.25 X distance(m)
50	63.7	12.7		9	Illuminance
					22000 / distance ² (lux)
					Total Output
					6700 (lumens)

