
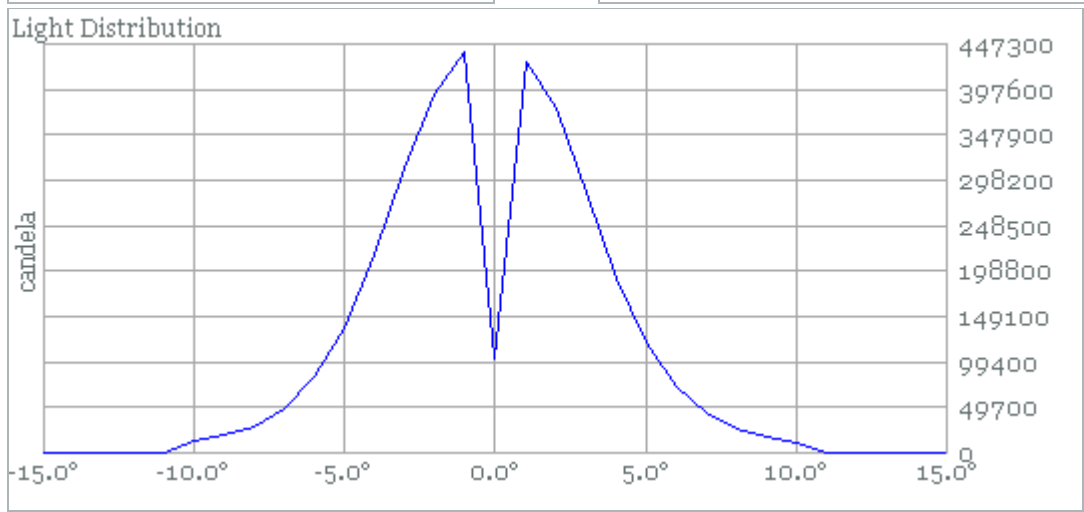
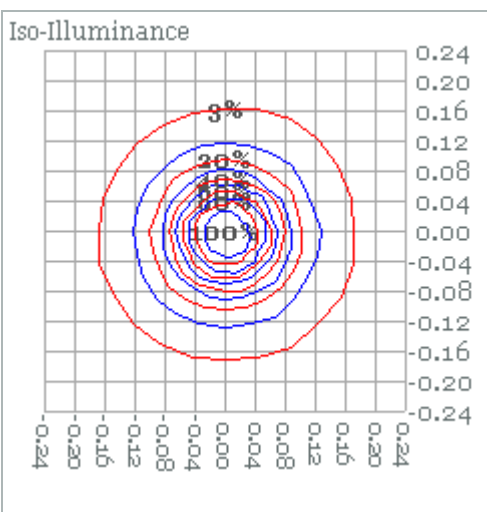
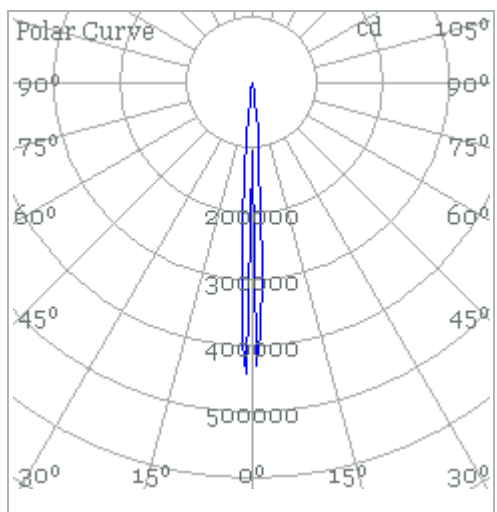



Exterior Wash 220 Photometrics

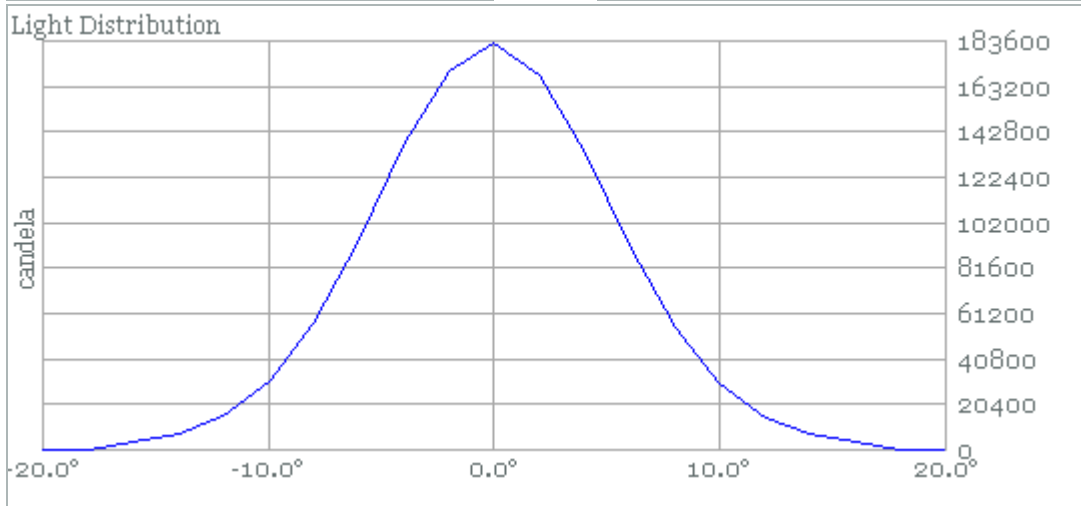
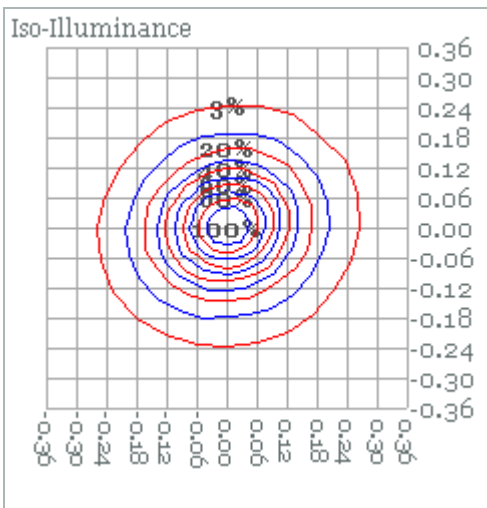
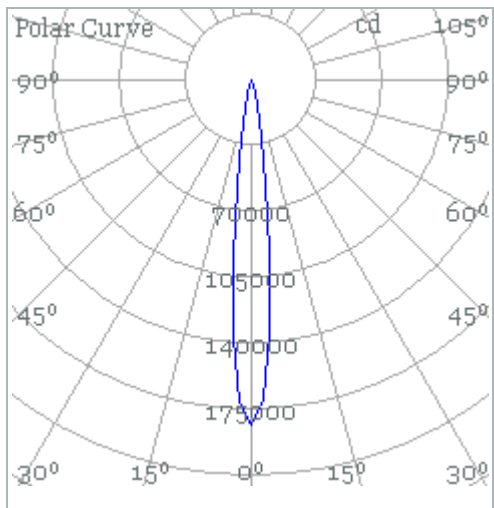
Standard (All LEDs on. Balanced White. No Diffuser.) (7.5°)

m.	Ø 50%	7.5°	E (lux)	Efficacy
5	0.7		17920	58.3 lumens per watt
10	1.3		4480	Half-peak diameter
20	2.6		1120	0.13 X distance(m)
30	3.9		498	Illuminance
50	6.6		179	448000 / distance² (lux)
				Total Output
				9300 (lumens)

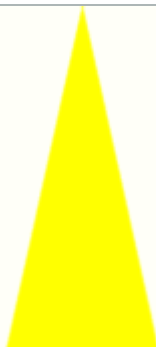


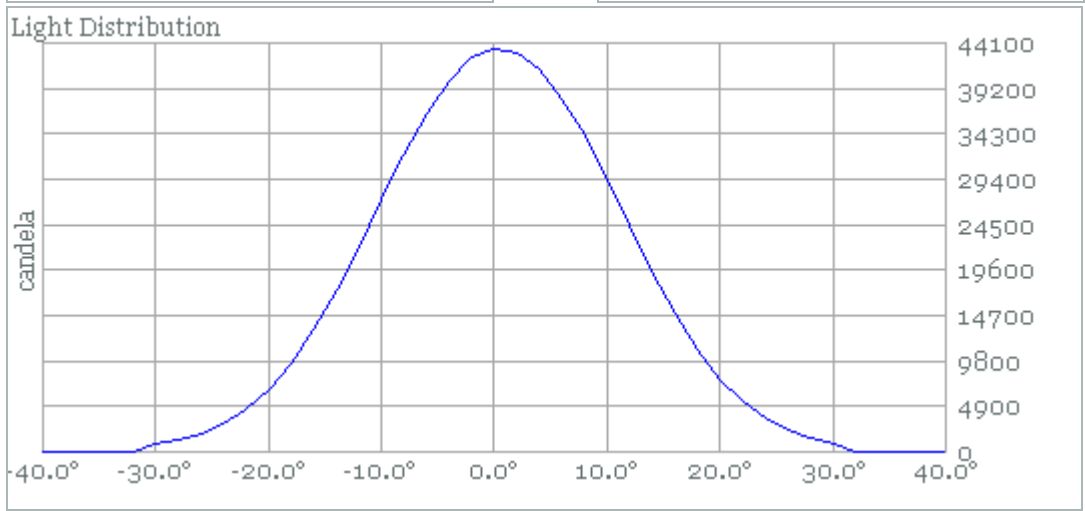
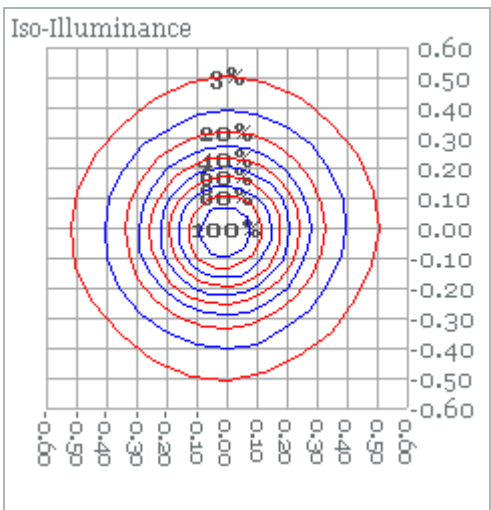
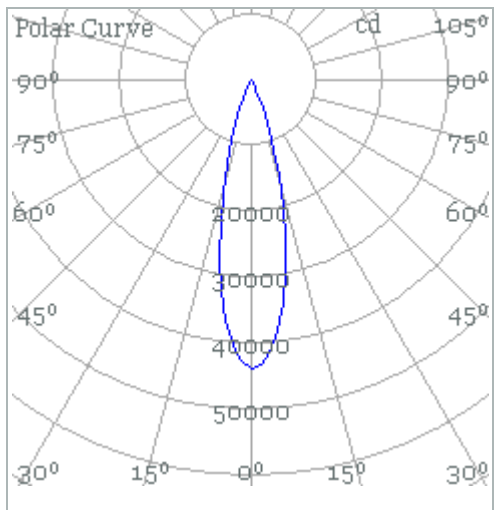
Narrow (All LEDs on. Balanced White. Narrow Diffuser.) (11.5°)

m.	Ø 50%	11.5°	E (lux)	Efficacy
				55.5 lumens per watt
5	1.0		7320	Half-peak diameter
10	2.0		1830	0.20 X distance(m)
20	4.0		458	Illuminance
30	6.0		203	183000 / distance² (lux)
50	10.1		73	Total Output
				8800 (lumens)

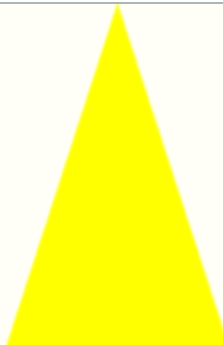


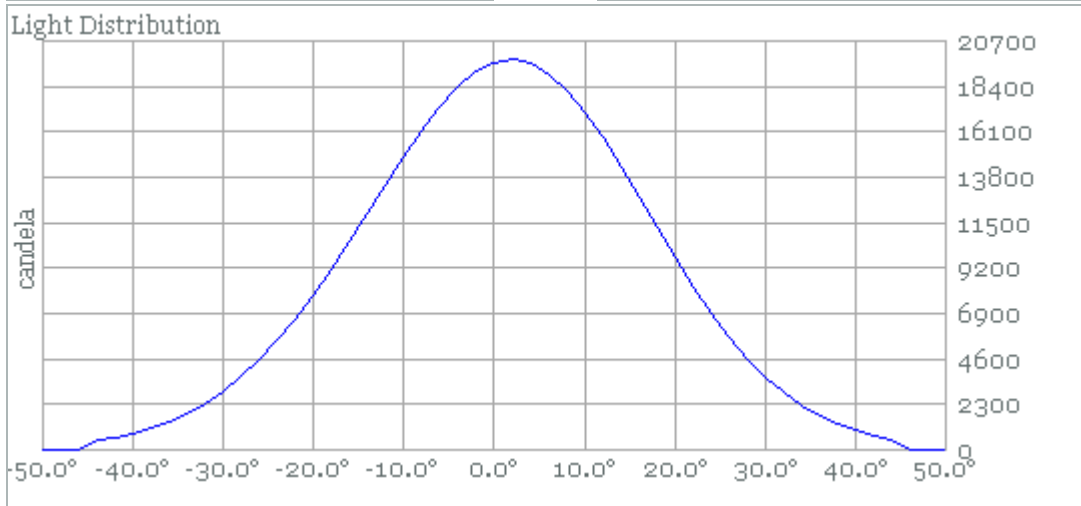
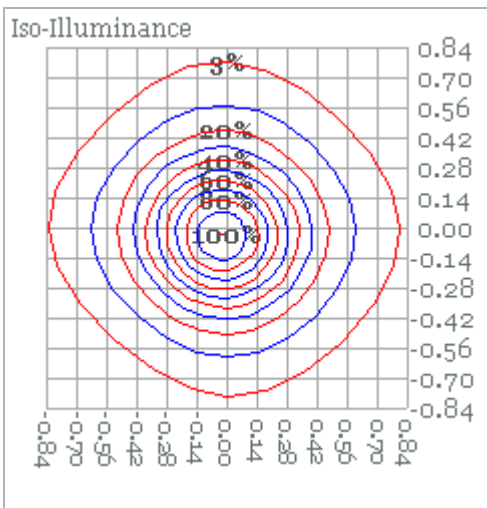
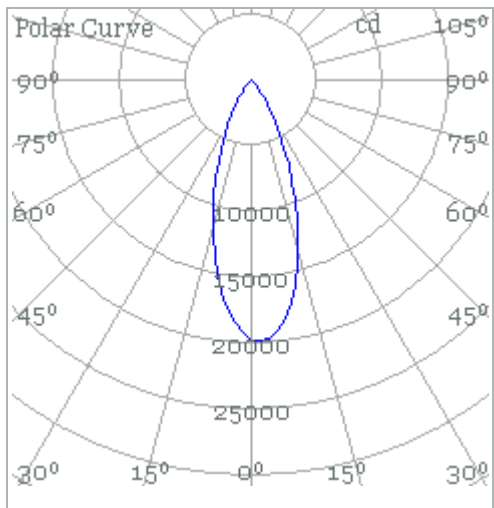
Medium (All LEDs on. Balanced White. Medium Diffuser) (25°)

m.	Ø 50%		E (lux)	Efficacy
5	2.2		1760	56.5 lumens per watt
10	4.4		440	Half-peak diameter
20	8.9		110	0.44 X distance(m)
30	13.3		49	Illuminance
50	22.2		18	44000 / distance ² (lux)
Total Output				
9000 (lumens)				

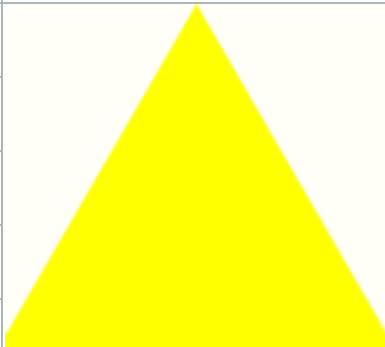


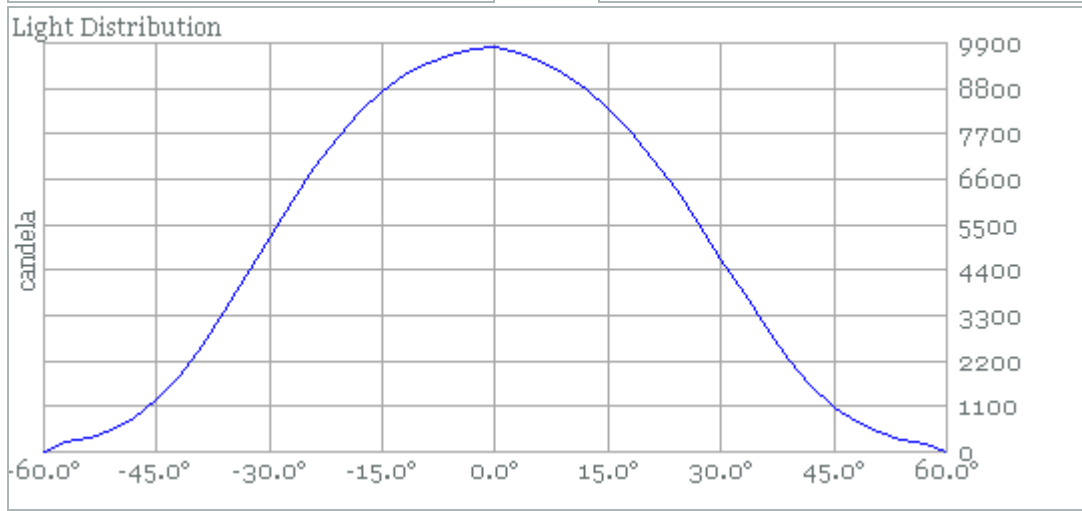
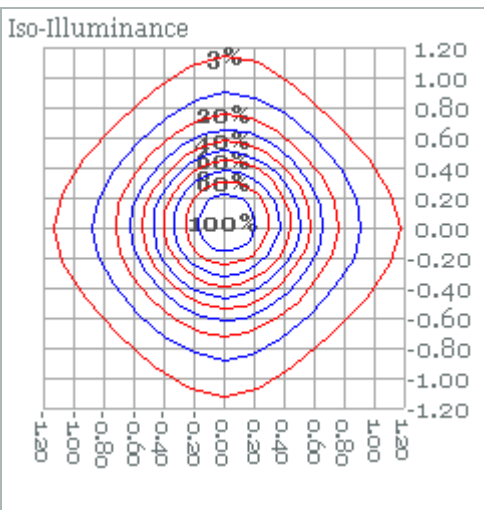
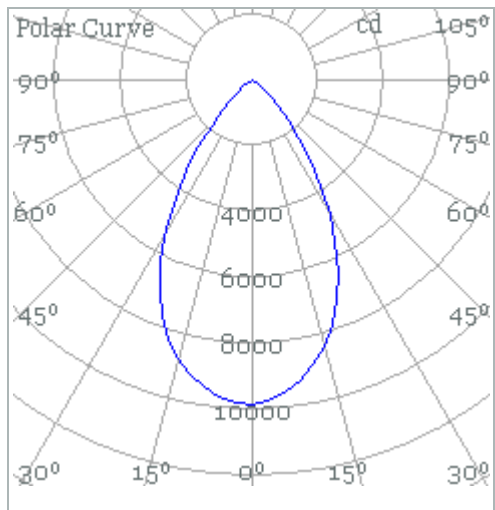
Wide (All LEDs on. Balanced White. Wide Diffuser.) (36°)

m.	Ø 50%	36°	E (lux)	Efficacy
5	3.2		800	55.2 lumens per watt
10	6.5		200	Half-peak diameter
20	13.0		50	0.65 X distance(m)
30	19.5		22	Illuminance
50	32.5		8	20000 / distance ² (lux)
				Total Output
				8800 (lumens)

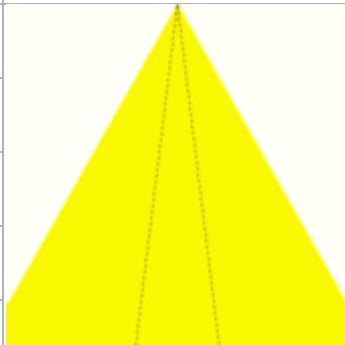


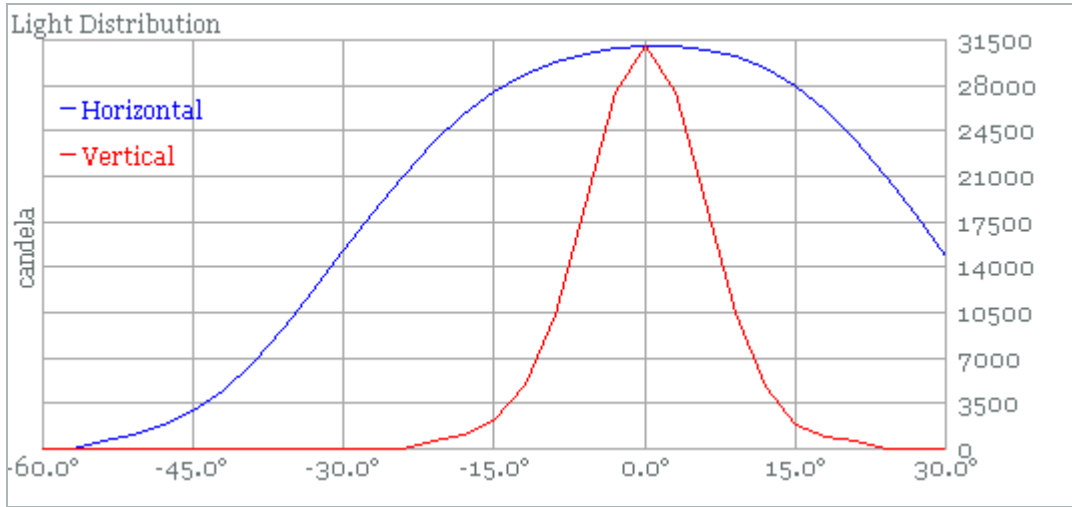
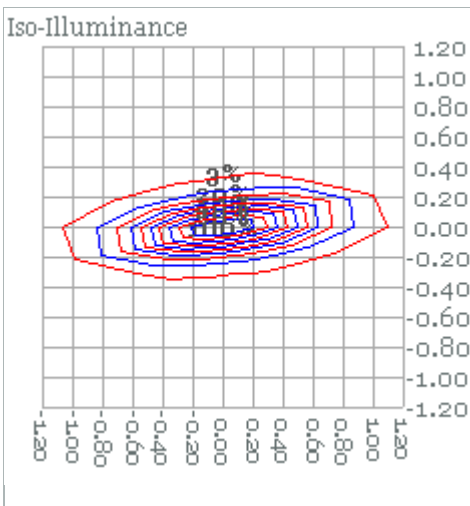
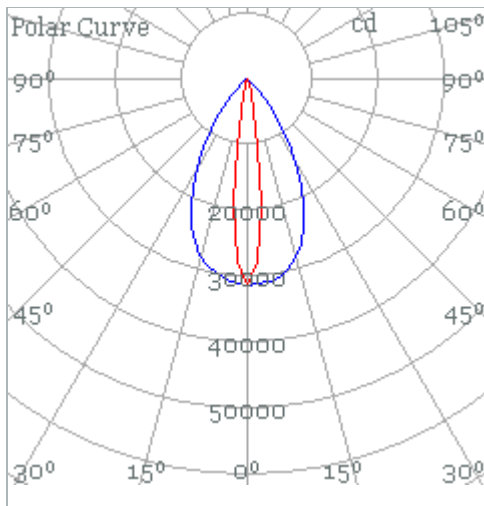
Very Wide (All LEDs on. Balanced White. Very Wide Diffuser.) (60°)

m.	Ø 50%	60°	E (lux)	Efficacy
5	5.8		392	60.3 lumens per watt
10	11.5		98	Half-peak diameter
20	23.1		25	1.15 X distance(m)
30	34.6		11	Illuminance
50	57.7		4	9800 / distance ² (lux)
				Total Output
				9600 (lumens)




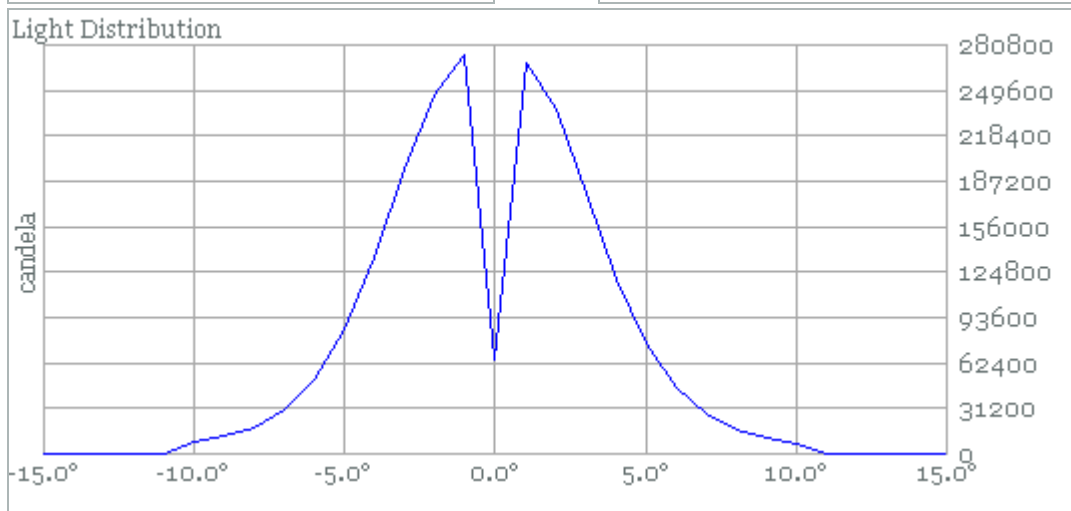
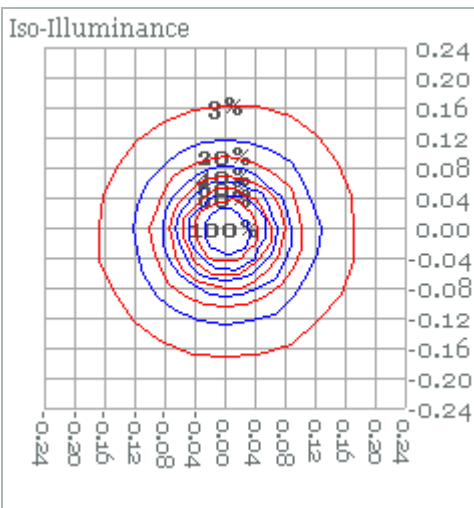
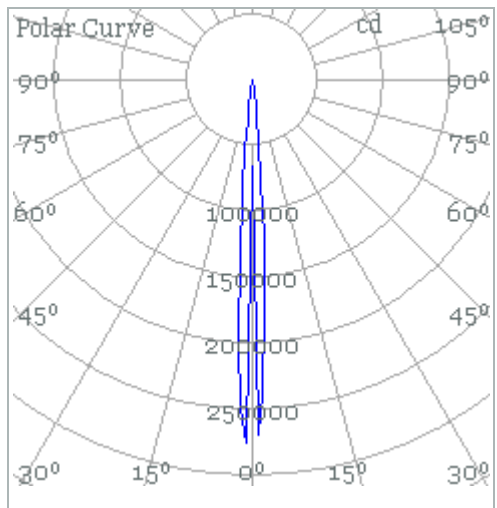
Standard with ellipsoidal beamshaper (All LEDs on. Balanced White. .Asymmetric Diffuser) (59° X 14.5°)

m.	Ø 50%		59° 14.5°	E (lux)	Efficacy
	C ₀	C ₉₀			57.4 lumens per watt
5	5.7	1.3		1240	Half-peak diameter C ₀
10	11.3	2.5		310	1.13 X distance(m)
20	22.6	5.1		78	Half-peak diameter C ₉₀
30	33.9	7.6		34	0.25 X distance(m)
50	56.6	12.7		12	Illuminance
					31000 / distance ² (lux)
					Total Output
					9100 (lumens)




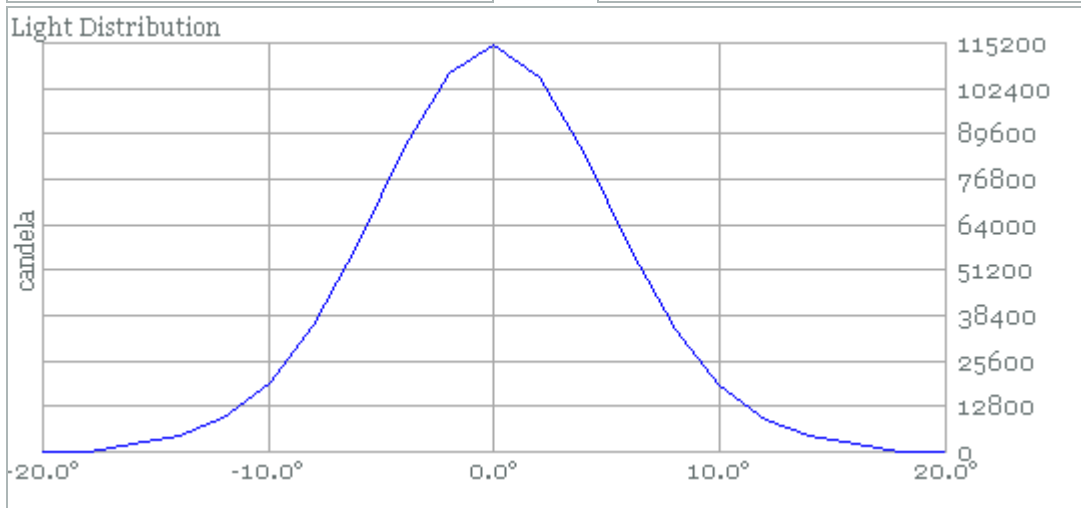
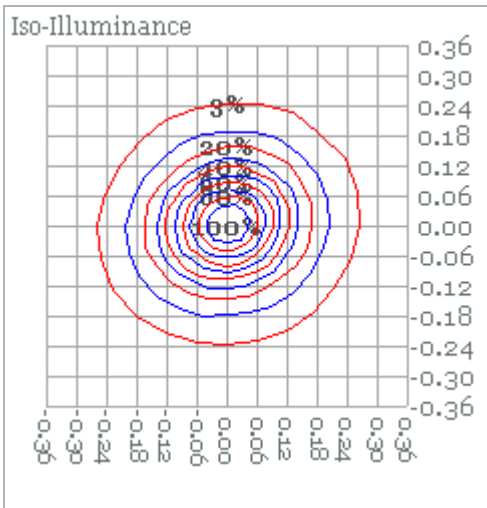
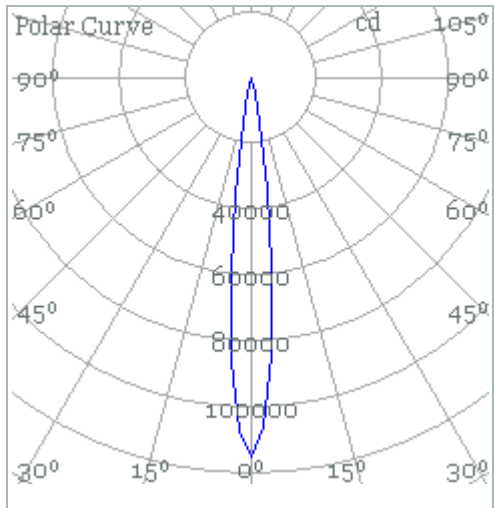
Standard (Only Cold White LEDs on. No Diffuser.) (7.5°)

m.	Ø 50%	7.5°	E (lux)	Efficacy
5	0.7		11240	63.8 lumens per watt
10	1.3		2810	Half-peak diameter
20	2.6		703	0.13 X distance(m)
30	3.9		312	Illuminance
50	6.6		112	281000 / distance² (lux)
				Total Output
				5800 (lumens)

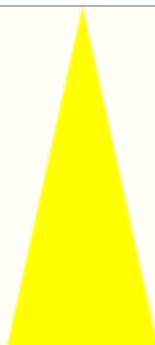


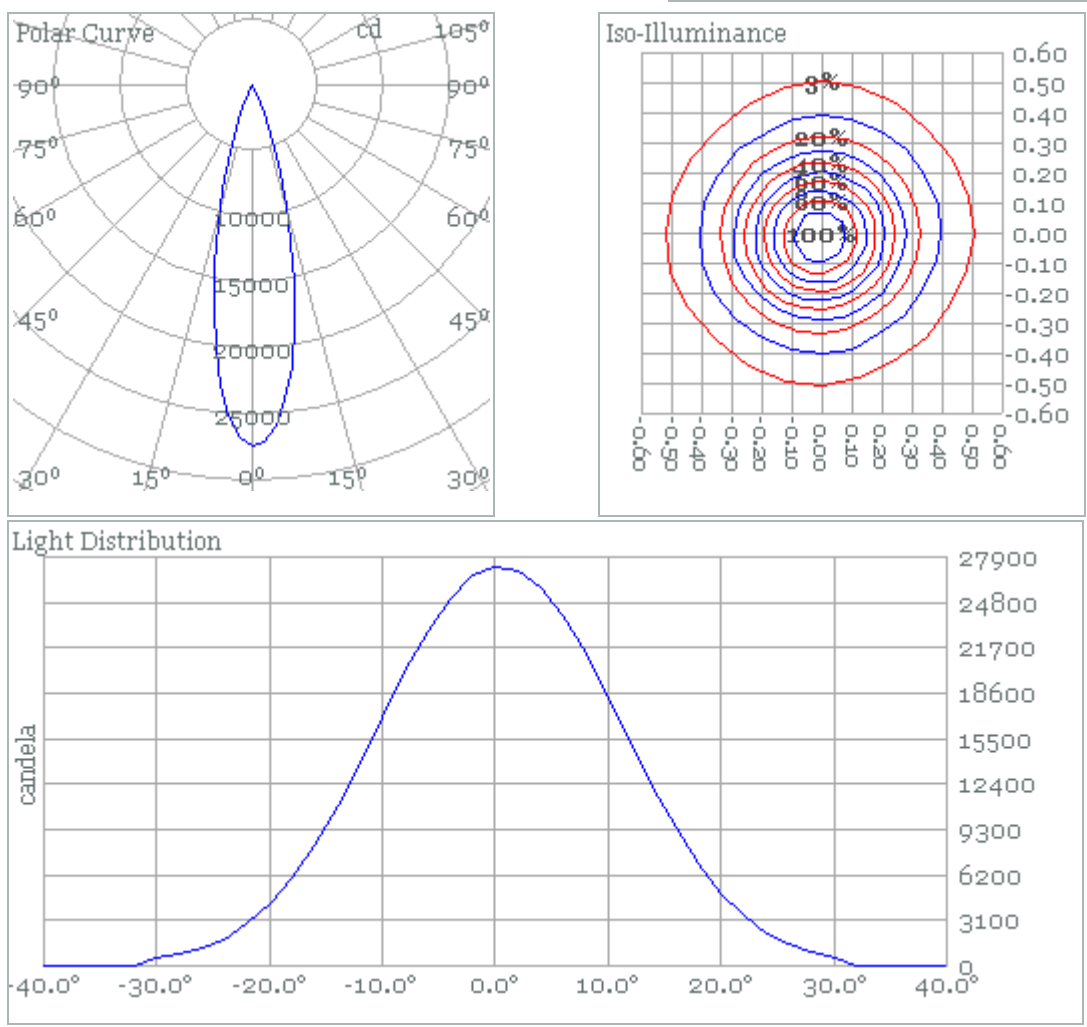
Narrow (Only Cold White LEDs on. Narrow Diffuser) (11.5°)

m.	Ø 50%	11.5°	E (lux)	Efficacy
				60.7 lumens per watt
5	1.0		4600	Half-peak diameter
10	2.0		1150	0.20 X distance(m)
20	4.0		288	Illuminance
30	6.0		128	115000 / distance² (lux)
50	10.1		46	Total Output
				5500 (lumens)

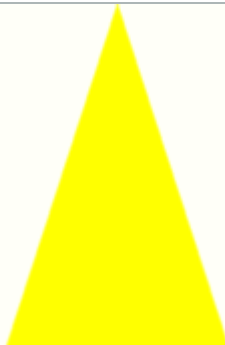


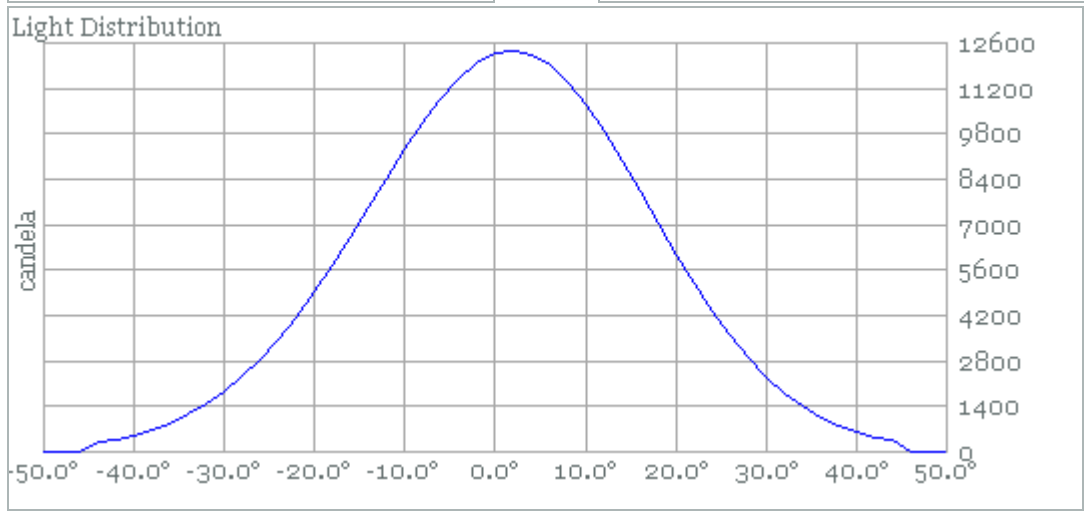
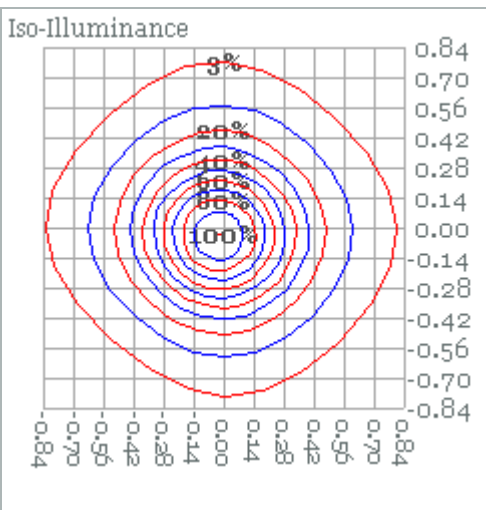
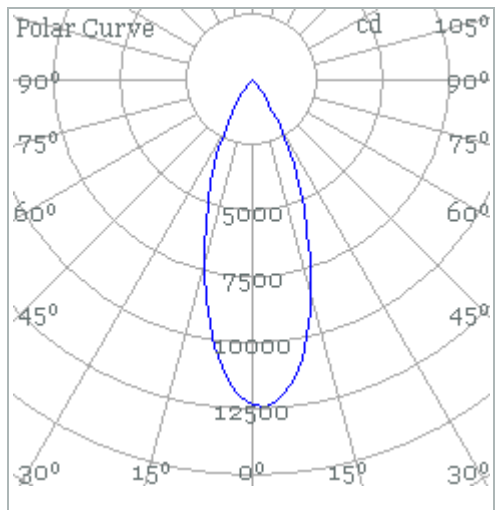
Medium (Only Cold White LEDs on. Medium Diffuser) (25°)

m.	Ø 50%	25°	E (lux)	Efficacy
5	2.2		1080	61.9 lumens per watt
10	4.4		270	Half-peak diameter
20	8.9		68	0.44 X distance(m)
30	13.3		30	Illuminance
50	22.2		11	27000 / distance ² (lux)
				Total Output
				5600 (lumens)

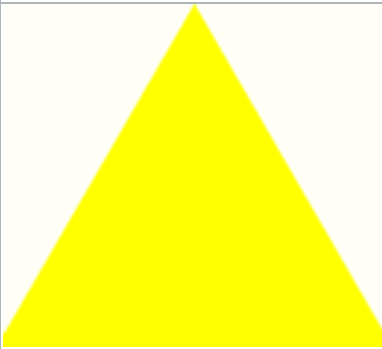


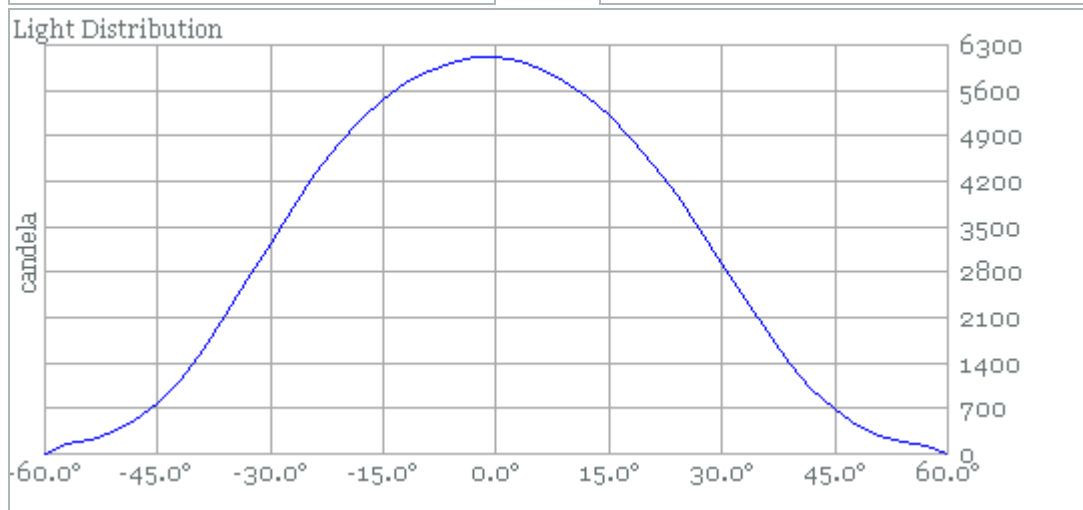
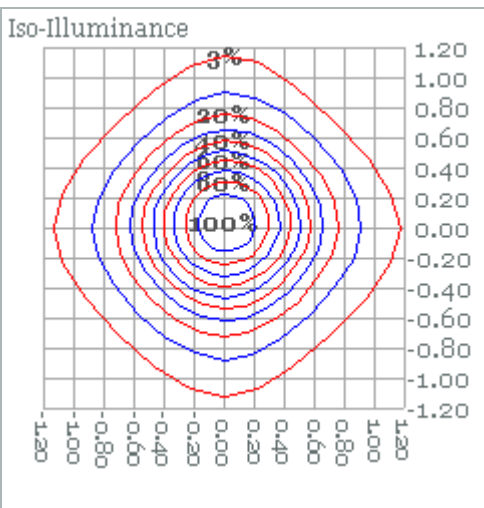
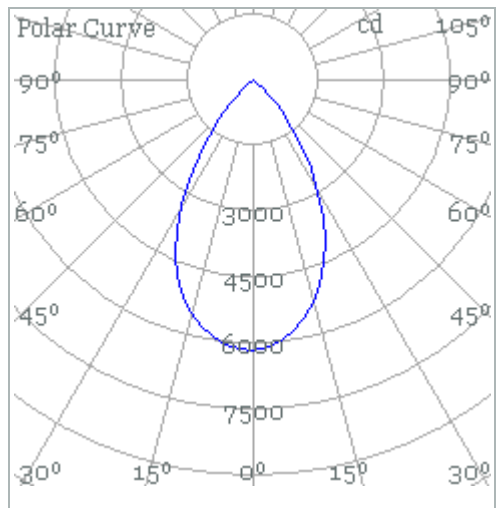
Wide (Only Cold White LEDs on. Wide Diffuser) (36°)

m.	Ø 50%	36°	E (lux)	Efficacy
5	3.2		480	60.4 lumens per watt
10	6.5		120	Half-peak diameter
20	13.0		30	0.65 X distance(m)
30	19.5		13	Illuminance
50	32.5		5	12000 / distance ² (lux)
				Total Output
				5500 (lumens)

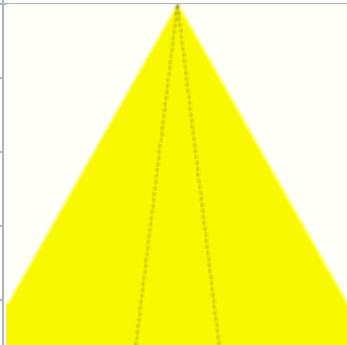


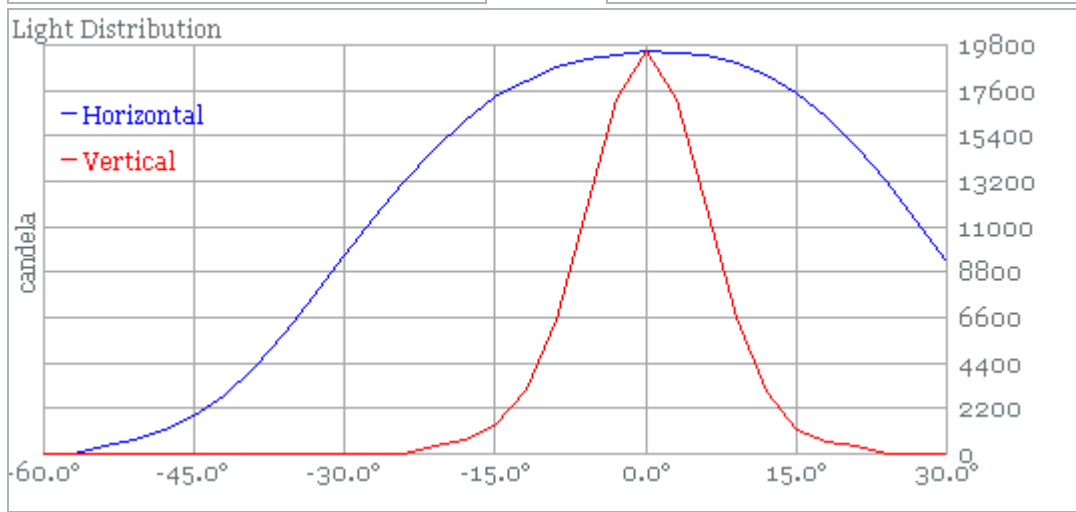
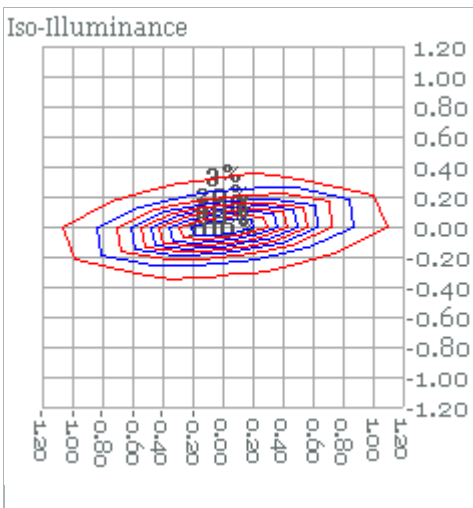
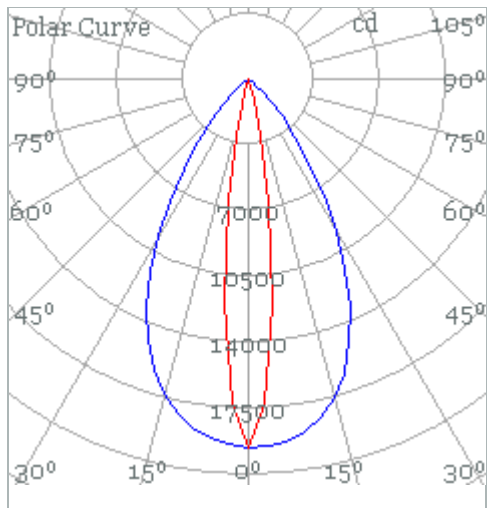
Very Wide (Only Cold White LEDs on. Very Wide Diffuser) (60°)

m.	Ø 50%	60°	E (lux)	Efficacy
5	5.8		248	66 lumens per watt
10	11.5		62	Half-peak diameter
20	23.1		16	1.15 X distance(m)
30	34.6		7	Illuminance
50	57.7		2	6200 / distance ² (lux)
				Total Output
				6000 (lumens)




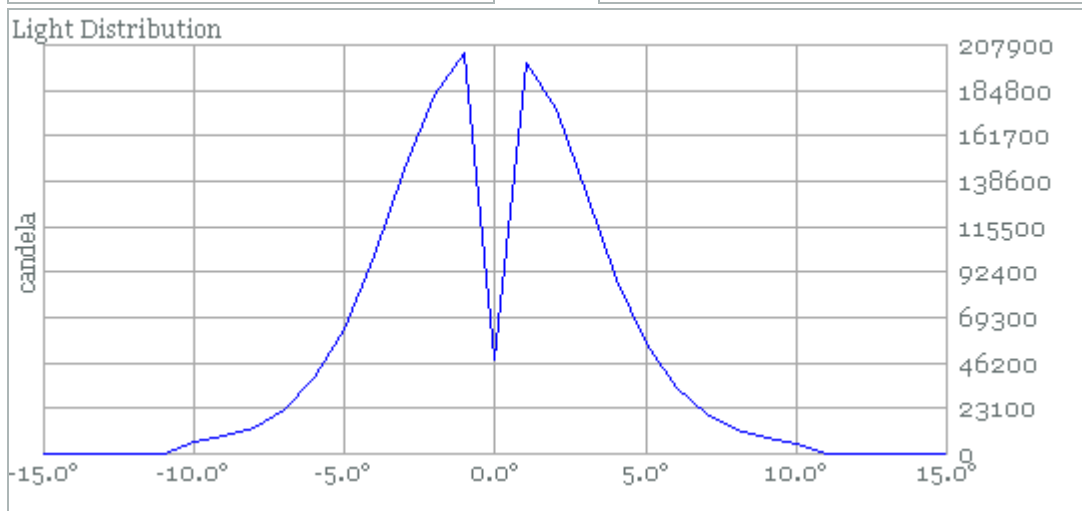
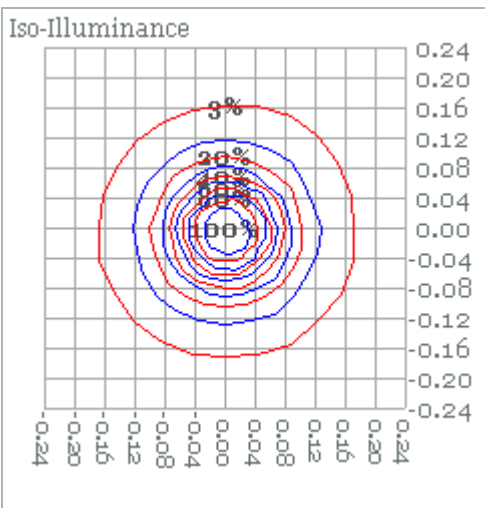
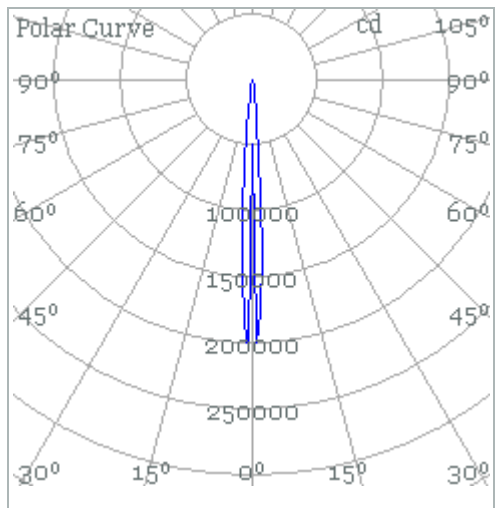
Standard with ellipsoidal beamshaper (Only Cold White LEDs on. Asymmetric Diffuser) (59° X 14.5°)

m.	Ø 50%		59° 14.5°	E (lux)	Efficacy
	C ₀	C ₉₀			62.8 lumens per watt
5	5.7	1.3		760	Half-peak diameter C ₀
10	11.3	2.5		190	1.13 X distance(m)
20	22.6	5.1		48	Half-peak diameter C ₉₀
30	33.9	7.6		21	0.25 X distance(m)
50	56.6	12.7		8	Illuminance
					19000 / distance ² (lux)
					Total Output
					5700 (lumens)




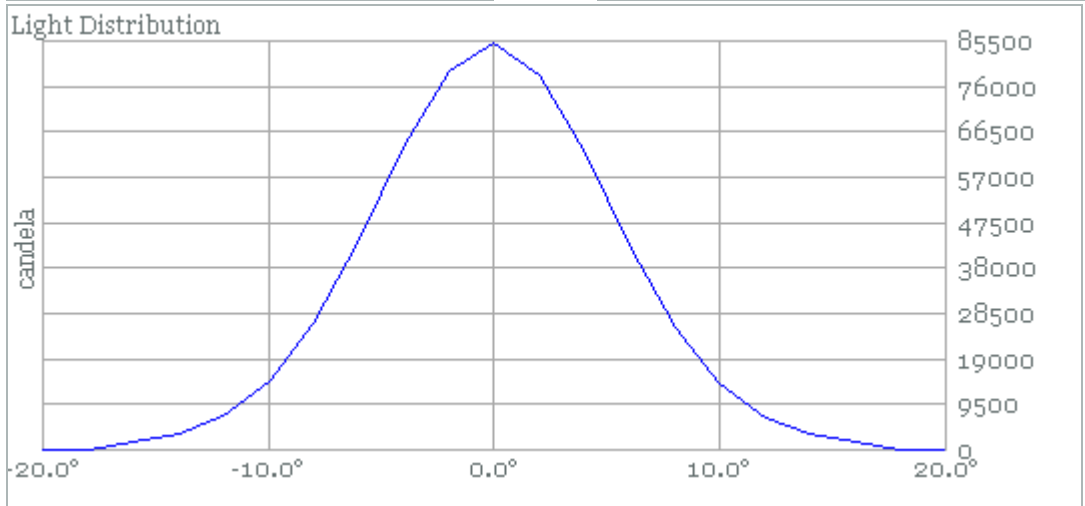
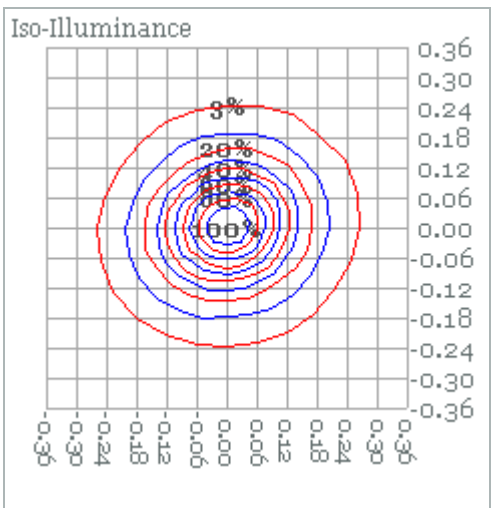
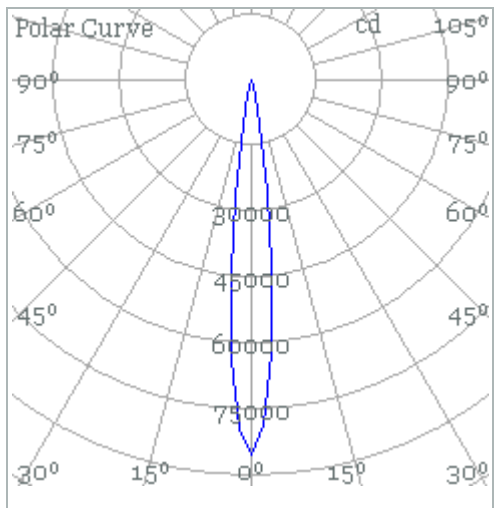
Standard (Only Warm White LEDs on. No Diffuser.) (7.5°)

m.	Ø 50%	7.5°	E (lux)	Efficacy
5	0.7		8320	47.8 lumens per watt
10	1.3		2080	Half-peak diameter
20	2.6		520	0.13 X distance(m)
30	3.9		231	Illuminance
50	6.6		83	208000 / distance² (lux)
				Total Output
				4300 (lumens)

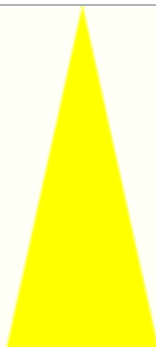


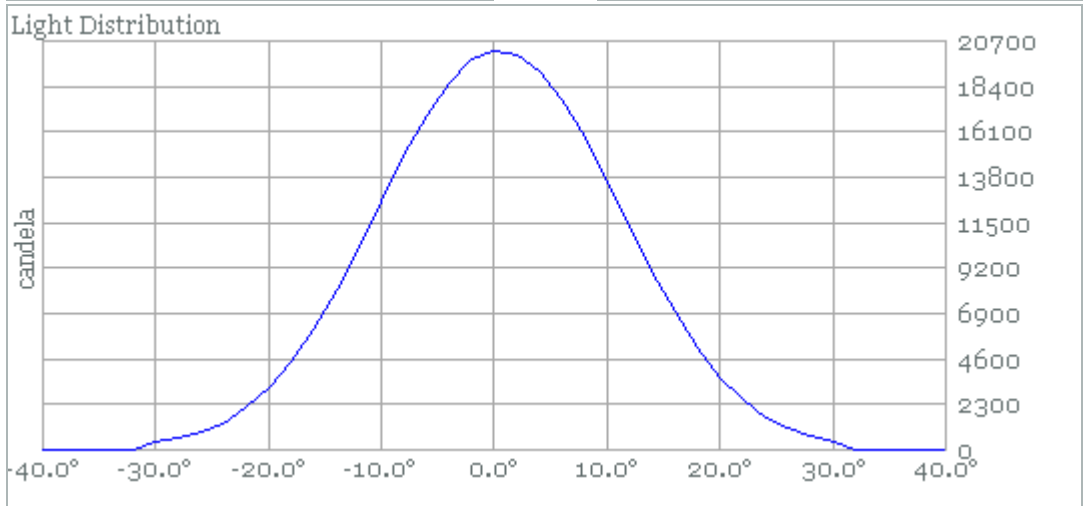
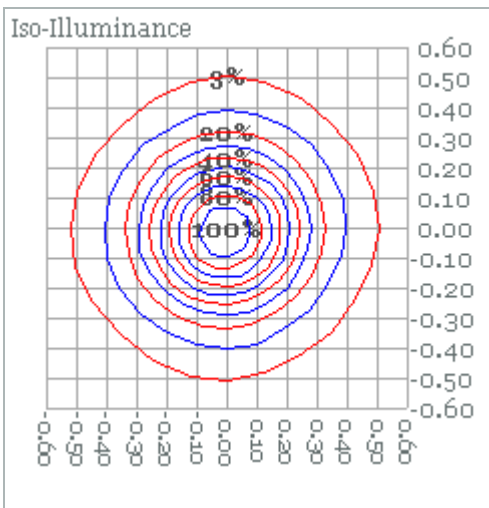
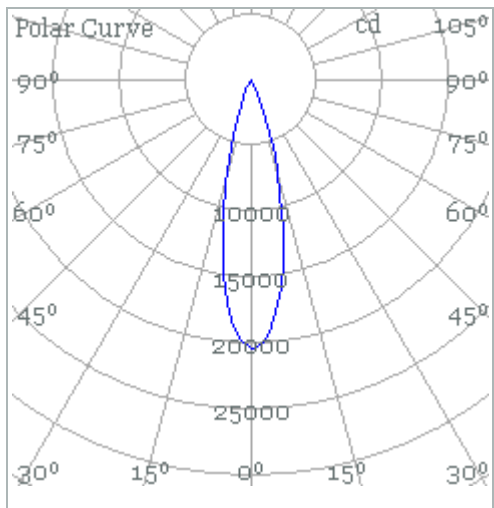
Narrow (Only Warm White LEDs on. Narrow Diffuser) (11.5°)

m.	Ø 50%	11.5°	E (lux)	Efficacy
5	1.0		3400	45.6 lumens per watt
10	2.0		850	Half-peak diameter
20	4.0		213	0.20 X distance(m)
30	6.0		94	Illuminance
50	10.1		34	85000 / distance ² (lux)
				Total Output
				4100 (lumens)

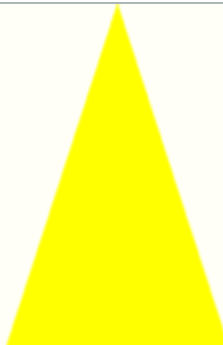


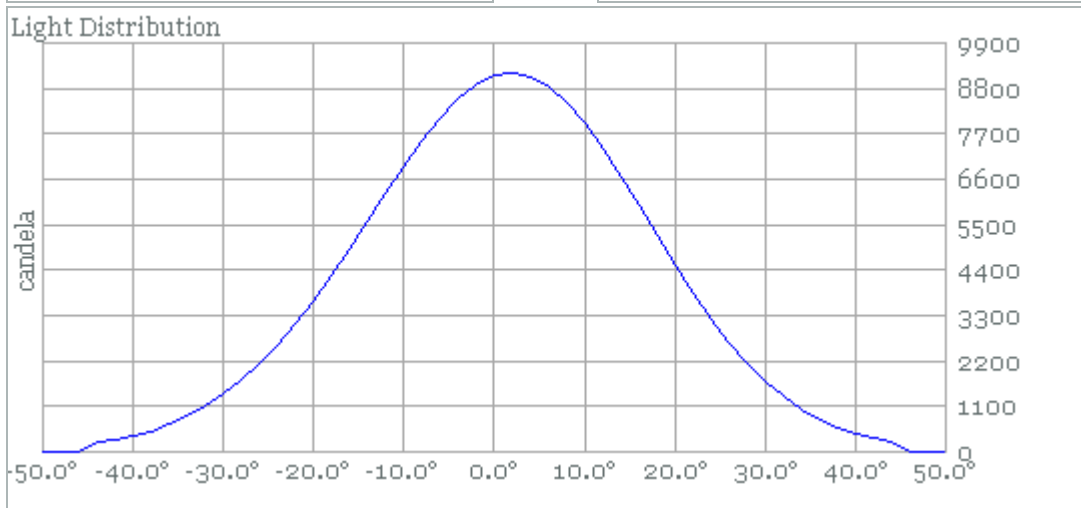
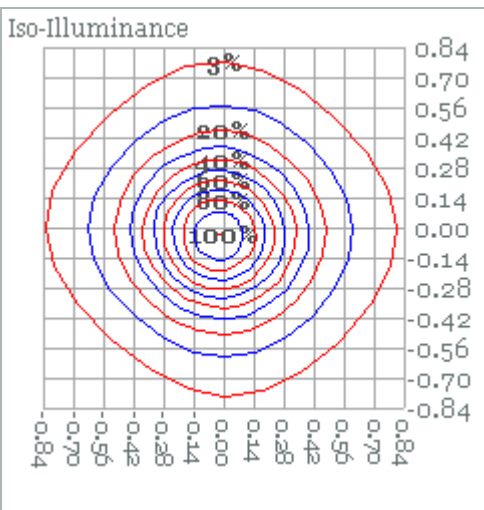
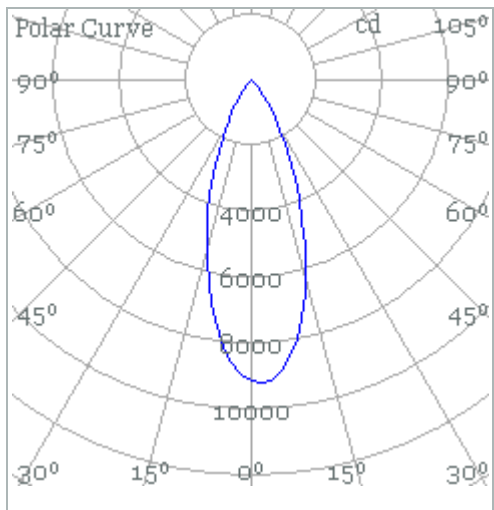
Medium (Only Warm White LEDs on. Medium Diffuser) (25°)

m.	Ø 50%	25°	E (lux)	Efficacy
5	2.2		800	46.4 lumens per watt
10	4.4		200	Half-peak diameter
20	8.9		50	0.44 X distance(m)
30	13.3		22	Illuminance
50	22.2		8	20000 / distance ² (lux)
				Total Output
				4200 (lumens)

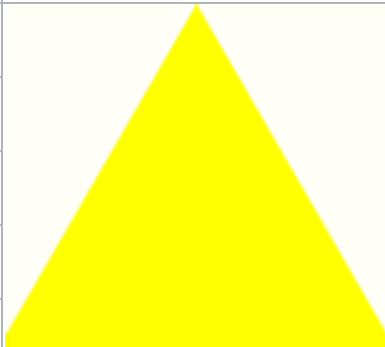


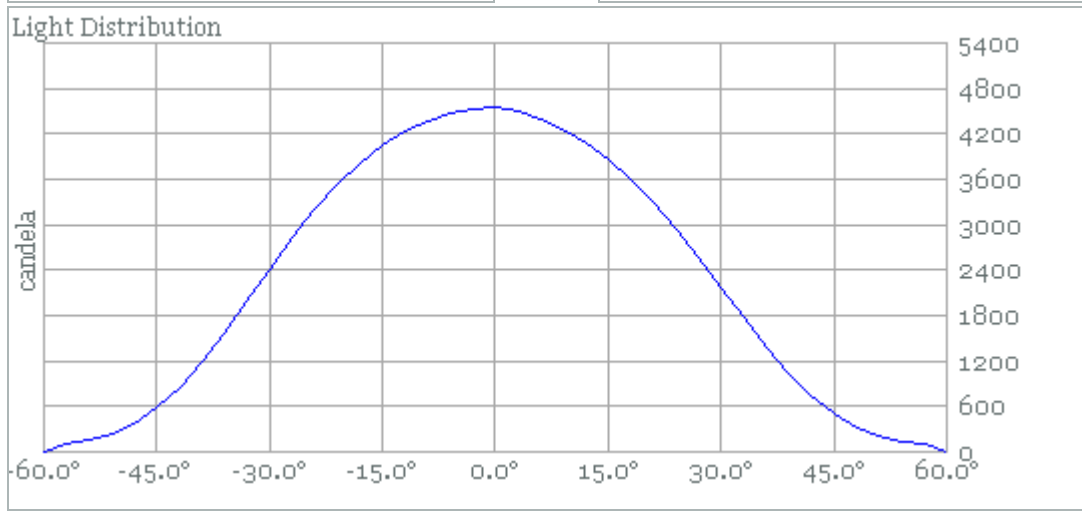
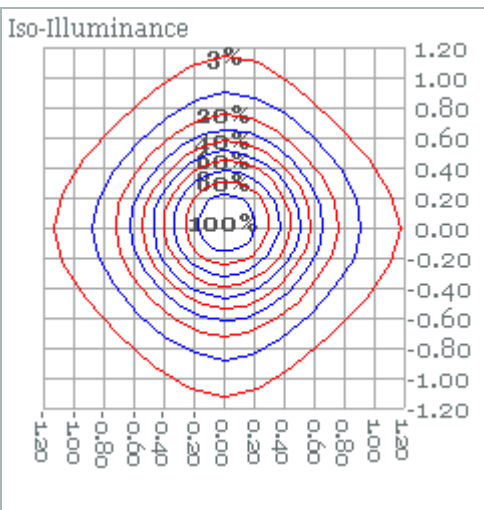
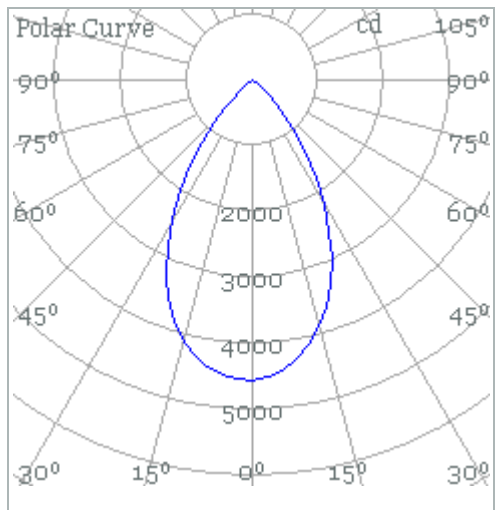
Wide (Only Warm White LEDs on. Wide Diffuser) (36°)

m.	Ø 50%	36°	E (lux)	Efficacy
5	3.2		372	45.3 lumens per watt
10	6.5		93	Half-peak diameter
20	13.0		23	0.65 X distance(m)
30	19.5		10	Illuminance
50	32.5		4	9300 / distance ² (lux)
				Total Output
				4100 (lumens)

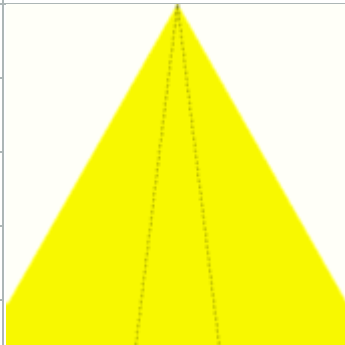


Very Wide (Only Warm White LEDs on. Very Wide Diffuser) (60°)

m.	Ø 50%	60°	E (lux)	Efficacy
5	5.8		184	49.5 lumens per watt
10	11.5		46	Half-peak diameter
20	23.1		12	1.15 X distance(m)
30	34.6		5	Illuminance
50	57.7		2	4600 / distance ² (lux)
				Total Output
				4500 (lumens)



Standard with ellipsoidal beamshaper (Only Warm White LEDs on. Asymmetric Diffuser) (59° X 14.5°)

m.	Ø 50%		59° 14.5°	E (lux)	Efficacy
	C ₀	C ₉₀			47.1 lumens per watt
5	5.7	1.3		560	Half-peak diameter C ₀
10	11.3	2.5		140	1.13 X distance(m)
20	22.6	5.1		35	Half-peak diameter C ₉₀
30	33.9	7.6		16	0.25 X distance(m)
50	56.6	12.7		6	Illuminance
					14000 / distance ² (lux)
					Total Output
					4200 (lumens)

