
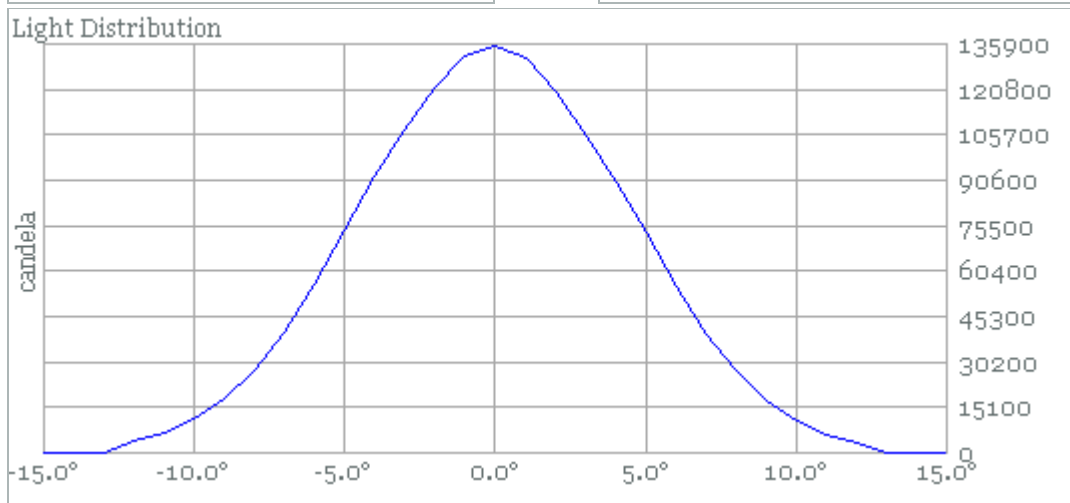
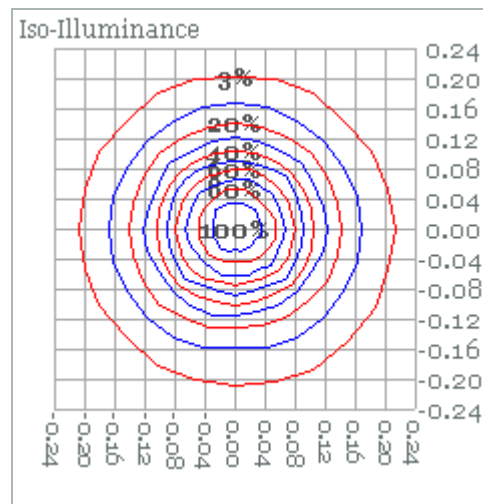
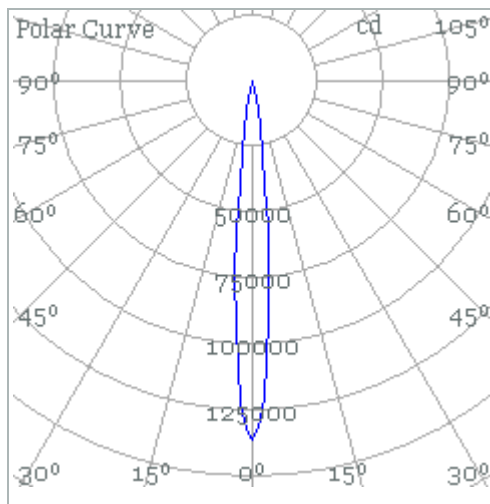



# Exterior Wash 210 Photometrics

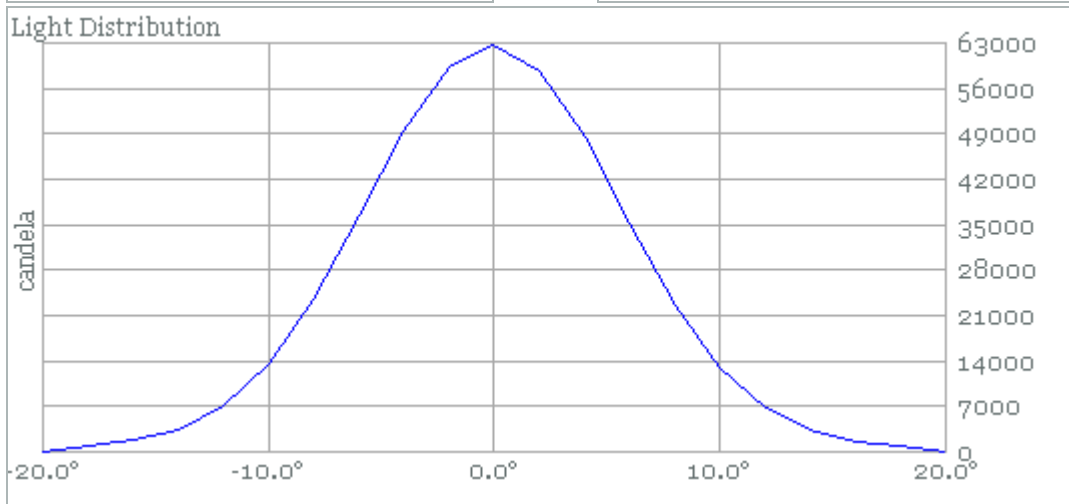
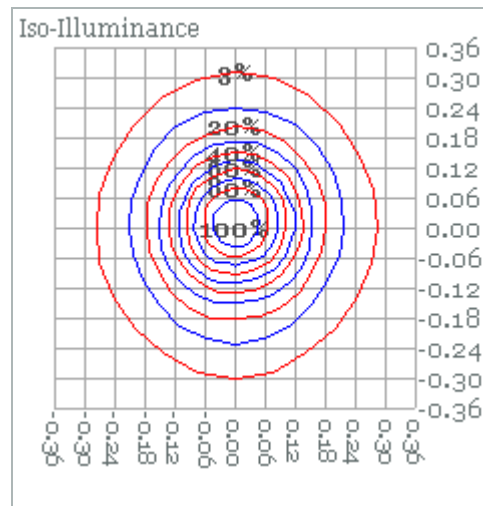
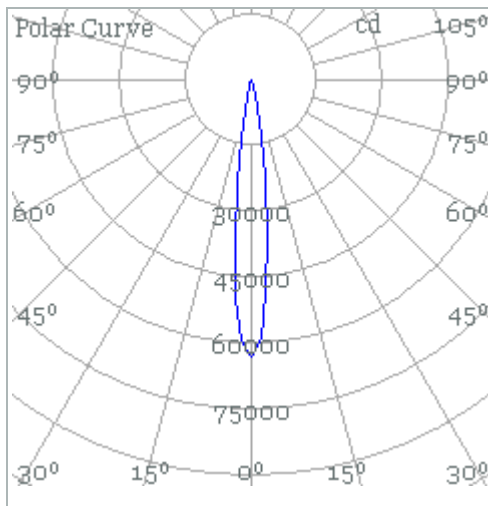
Standard (All LEDs on. Balanced White. No Diffuser.) (10.5°)

m.	Ø 50%	10.5°	E (lux)	Efficacy
				35.8 lumens per watt
5	0.9		5400	Half-peak diameter
10	1.8		1350	0.18 X distance(m)
20	3.7		338	Illuminance
30	5.5		150	135000 / distance <sup>2</sup> (lux)
50	9.2		54	Total Output
				4900 (lumens)

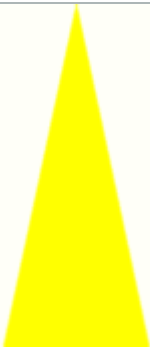


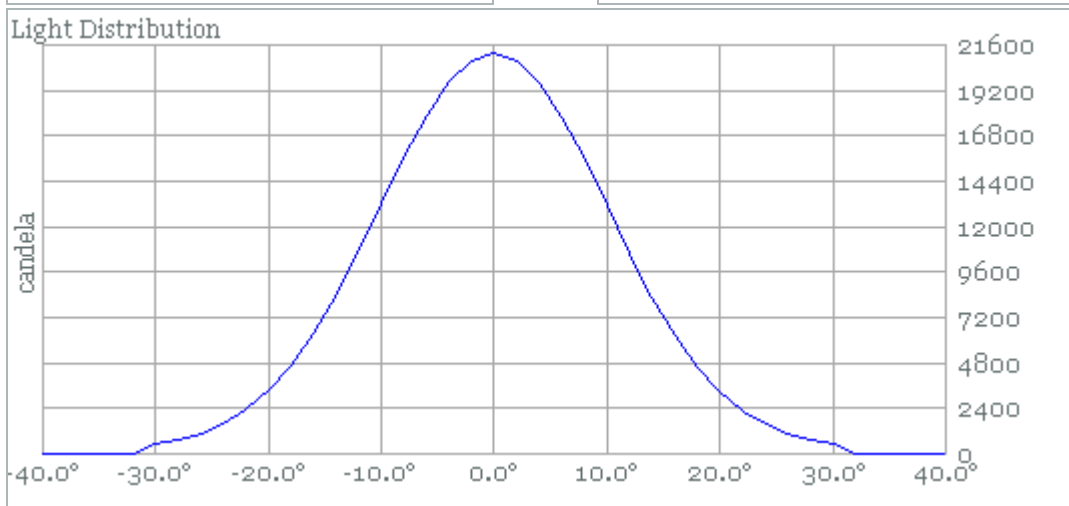
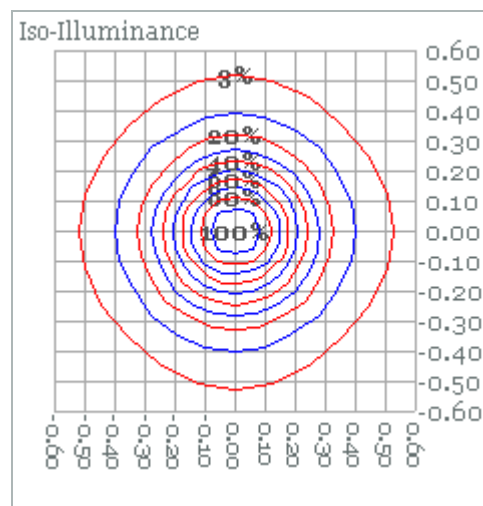
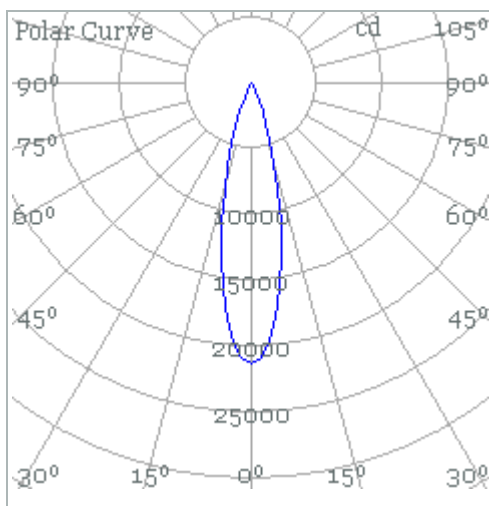
# Narrow (All LEDs on. Balanced White. Narrow Diffuser.) (14°)

m.	Ø 50%	14°	E (lux)	Efficacy
				30.1 lumens per watt
5	1.2		2520	Half-peak diameter
10	2.5		630	0.25 X distance(m)
20	4.9		158	Illuminance
30	7.4		70	63000 / distance <sup>2</sup> (lux)
50	12.3		25	Total Output
				4100 (lumens)




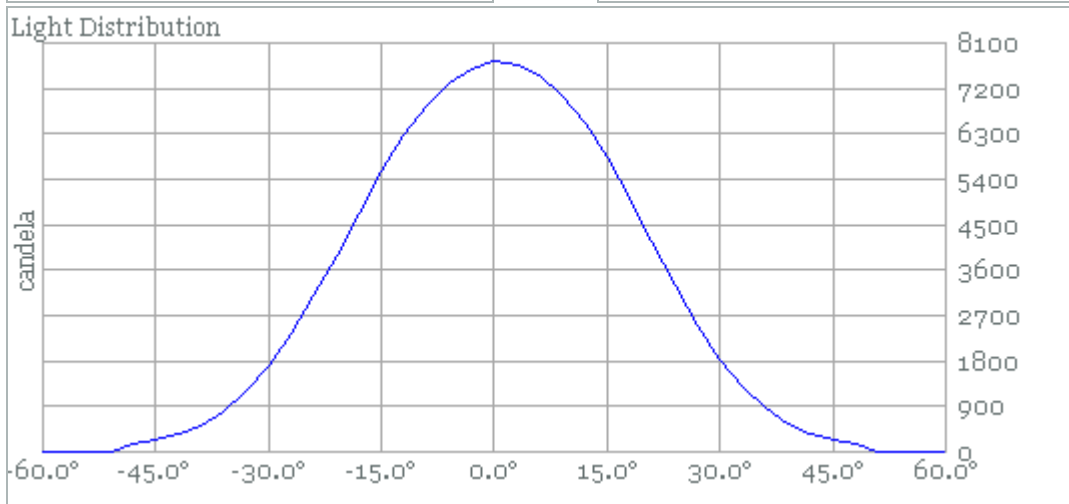
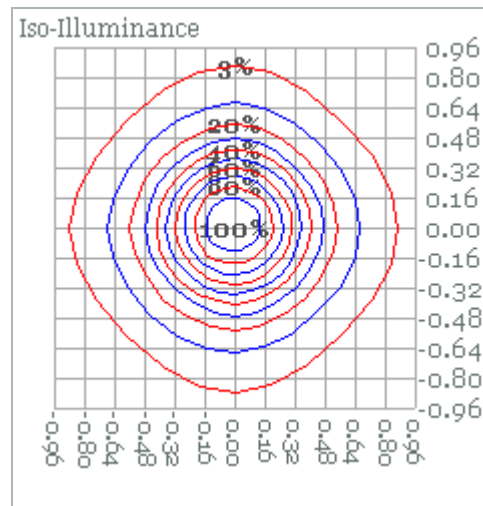
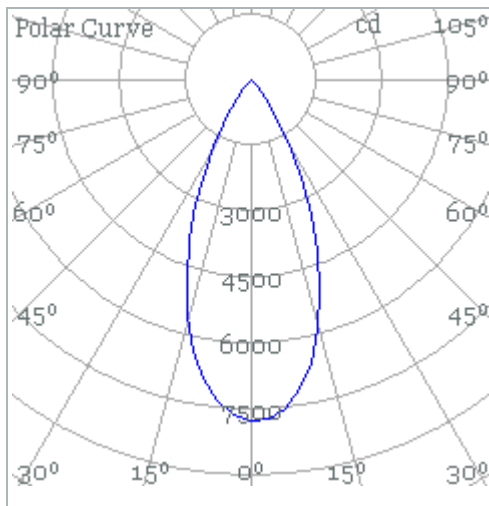
# Medium (All LEDs on. Balanced White. Medium Diffuser.) (24°)

m.	Ø 50%	24°	E (lux)	Efficacy
5	2.1		840	31 lumens per watt
10	4.3		210	Half-peak diameter
20	8.5		53	0.43 X distance(m)
30	12.8		23	Illuminance
50	21.3		8	21000 / distance <sup>2</sup> (lux)
				Total Output
				4300 (lumens)

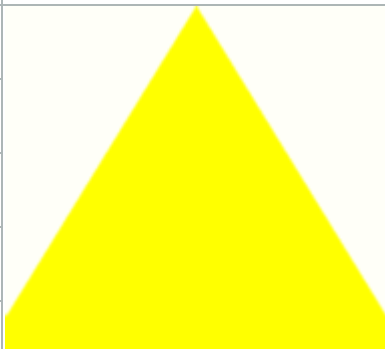


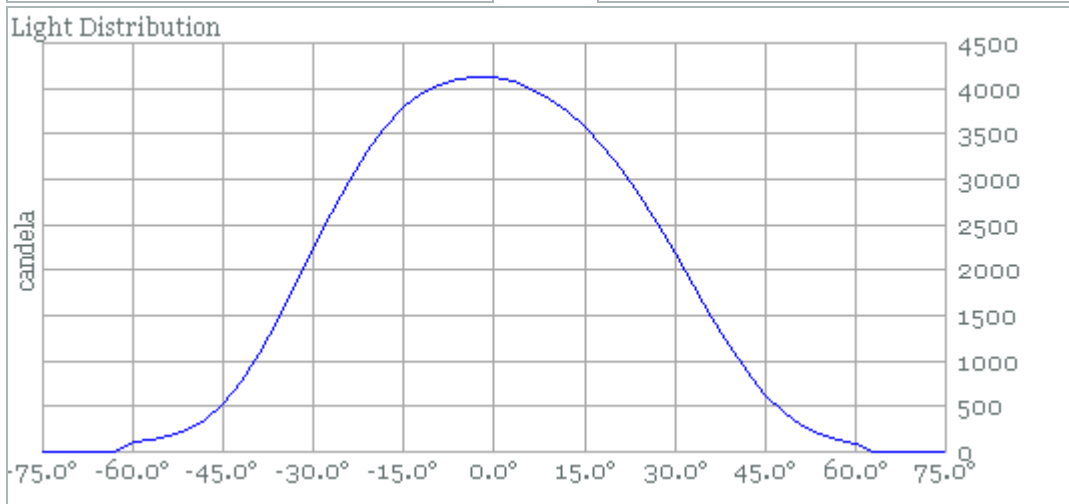
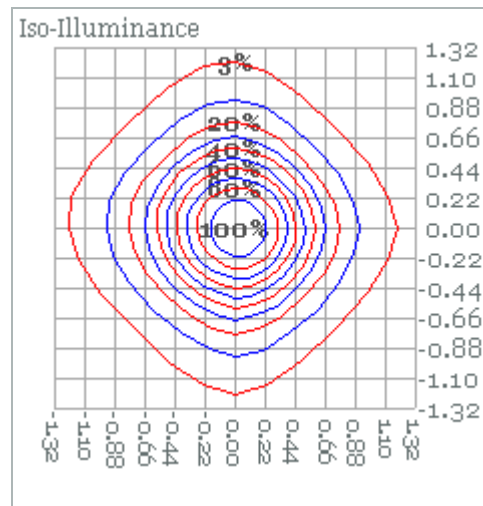
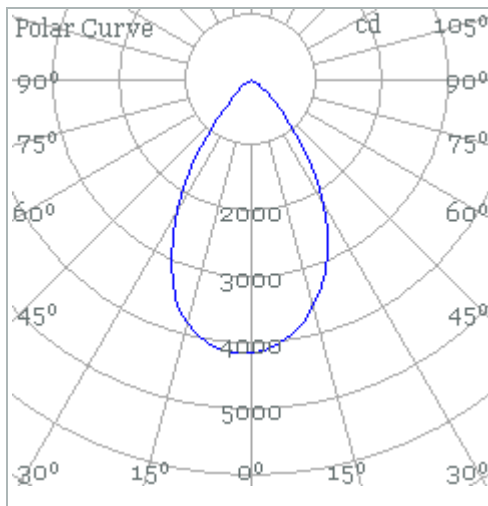
Wide (All LEDs on. Balanced White. Wide Diffuser.) (43°)

m.	Ø 50%	43°	E (lux)	Efficacy
5	3.9		308	32 lumens per watt
10	7.9		77	Half-peak diameter
20	15.8		19	0.79 X distance(m)
30	23.6		9	Illuminance
50	39.4		3	7700 / distance <sup>2</sup> (lux)
				Total Output
				4400 (lumens)

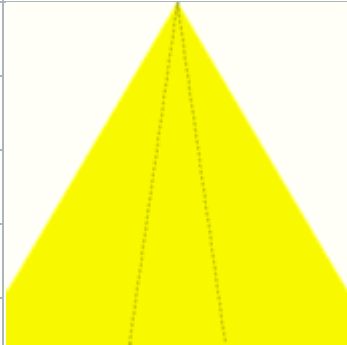


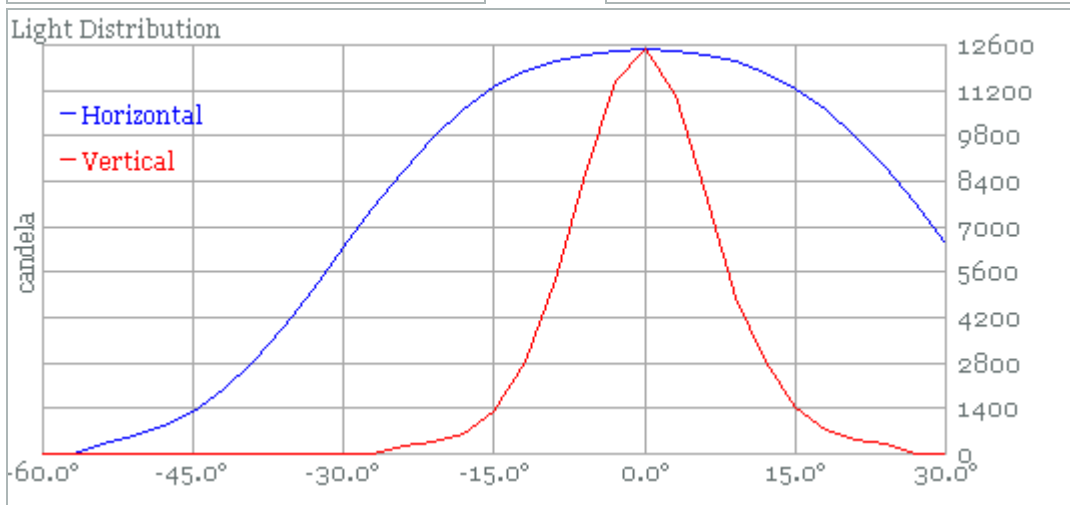
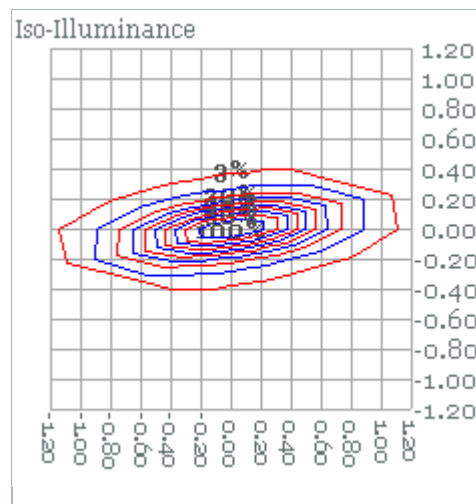
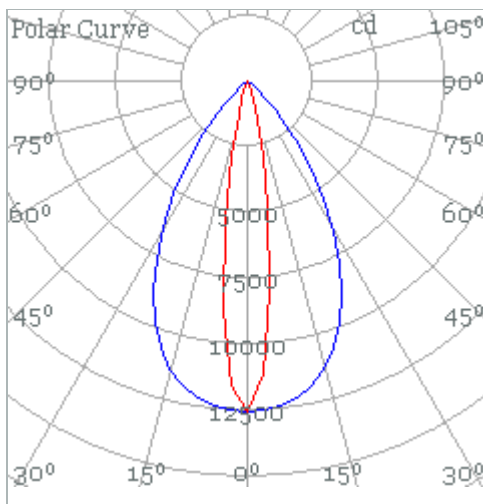
Very Wide (All LEDs on. Balanced White. Very Wide Diffuser.) (63°)

m.	Ø 50%	63°	E (lux)	Efficacy
5	6.1		164	32.2 lumens per watt
10	12.3		41	Half-peak diameter
20	24.5		10	1.23 X distance(m)
30	36.8		5	Illuminance
50	61.3		2	4100 / distance <sup>2</sup> (lux)
				Total Output
				4400 (lumens)




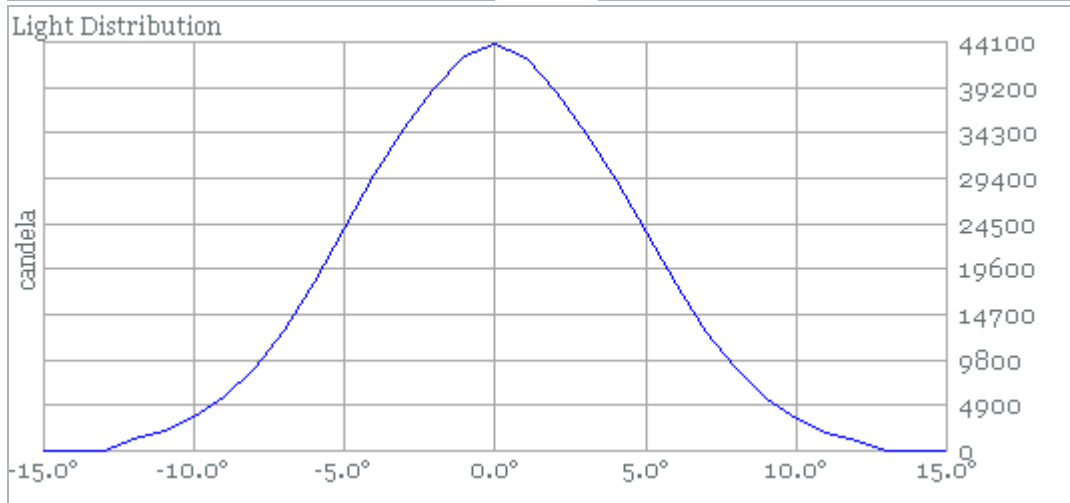
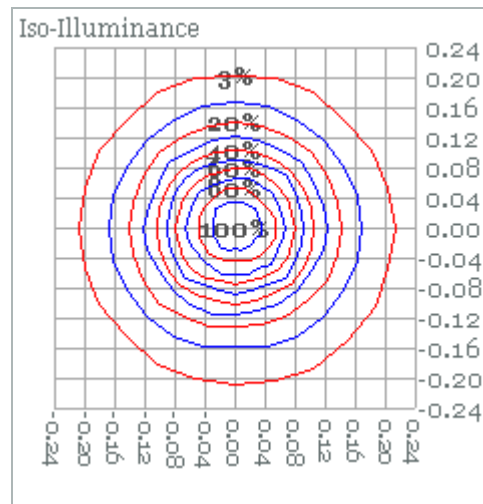
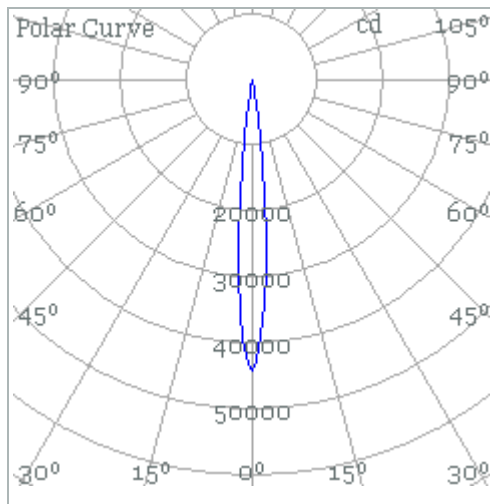
Standard with ellipsoidal beamshaper (All LEDs on. Balanced White. Asymmetric Diffuser.) (61° X 16°)

m.	Ø 50%		61°   16°	E (lux)	Efficacy
	C <sub>0</sub>	C <sub>90</sub>			31.5 lumens per watt
5	5.9	1.4		480	Half-peak diameter C <sub>0</sub>
10	11.8	2.8		120	1.18 X distance(m)
20	23.6	5.6		30	Half-peak diameter C <sub>90</sub>
30	35.3	8.4		13	0.28 X distance(m)
50	58.9	14.1		5	Illuminance
					12000 / distance <sup>2</sup> (lux)
					Total Output
					4300 (lumens)




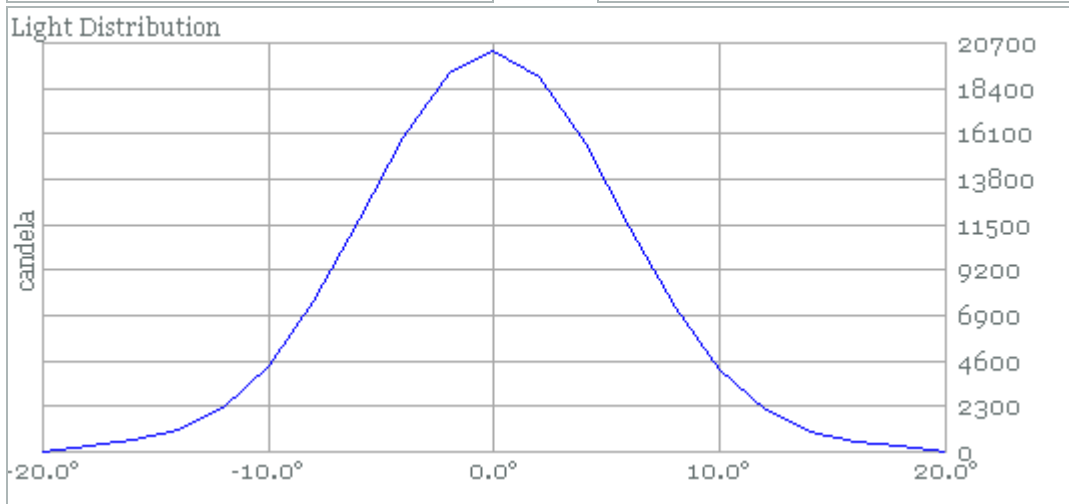
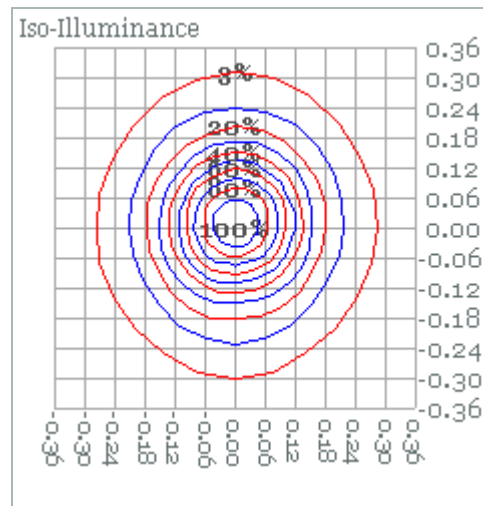
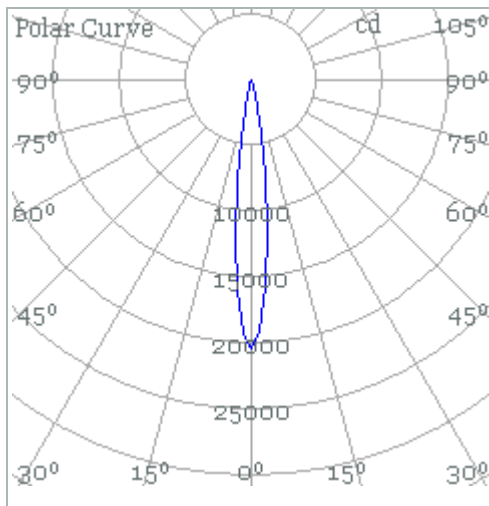
Standard (Only Red LEDs on. No Diffuser.) (10.5°)

m.	Ø 50%	10.5°	E (lux)	Efficacy
				35.3 lumens per watt
5	0.9		1760	Half-peak diameter
10	1.8		440	0.18 X distance(m)
20	3.7		110	Illuminance
30	5.5		49	44000 / distance <sup>2</sup> (lux)
50	9.2		18	Total Output
				1600 (lumens)



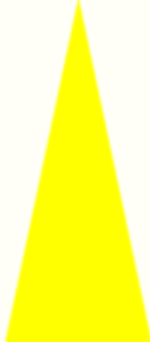
# Narrow (Only Red LEDs on. Narrow Diffuser.) (14°)

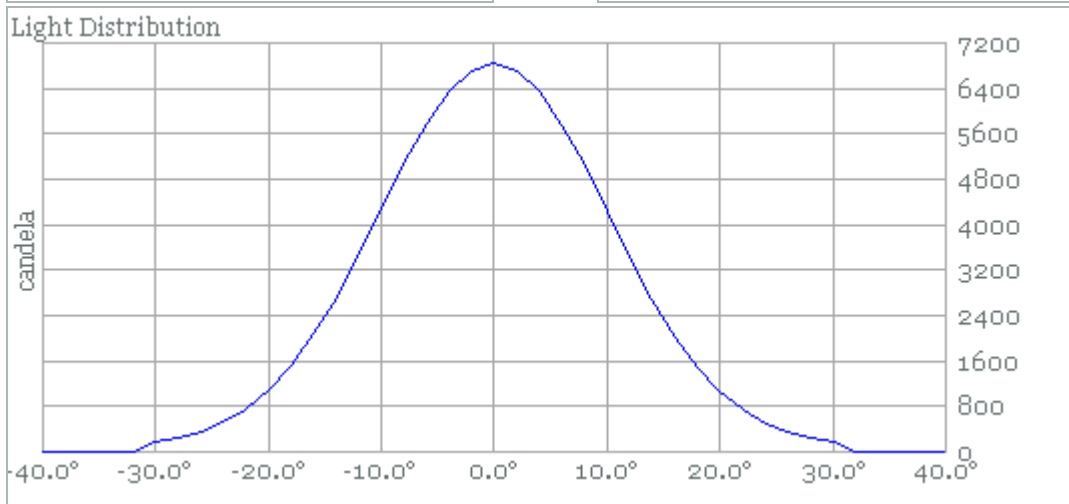
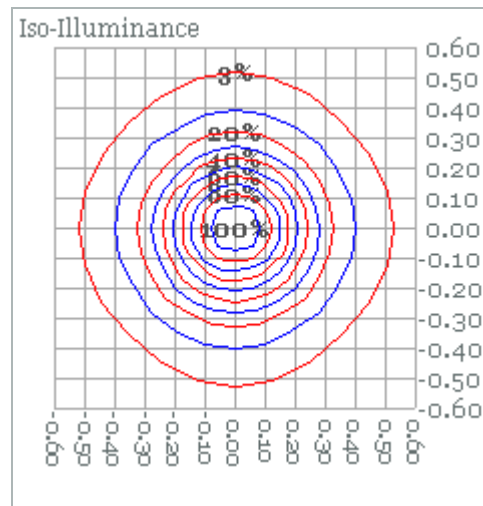
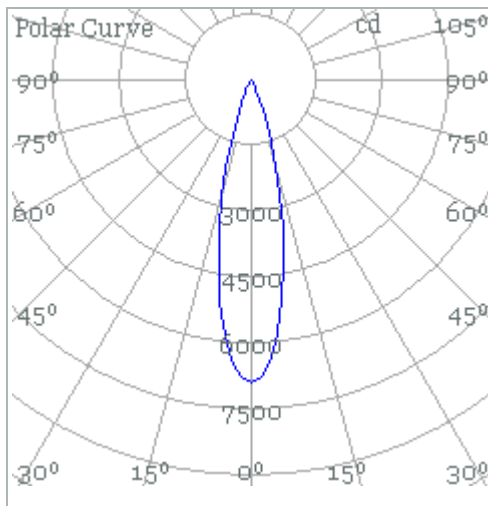
m.	Ø 50%	14°	E (lux)	Efficacy
				29.6 lumens per watt
5	1.2		800	Half-peak diameter
10	2.5		200	0.25 X distance(m)
20	4.9		50	Illuminance
30	7.4		22	20000 / distance <sup>2</sup> (lux)
50	12.3		8	Total Output
				1300 (lumens)






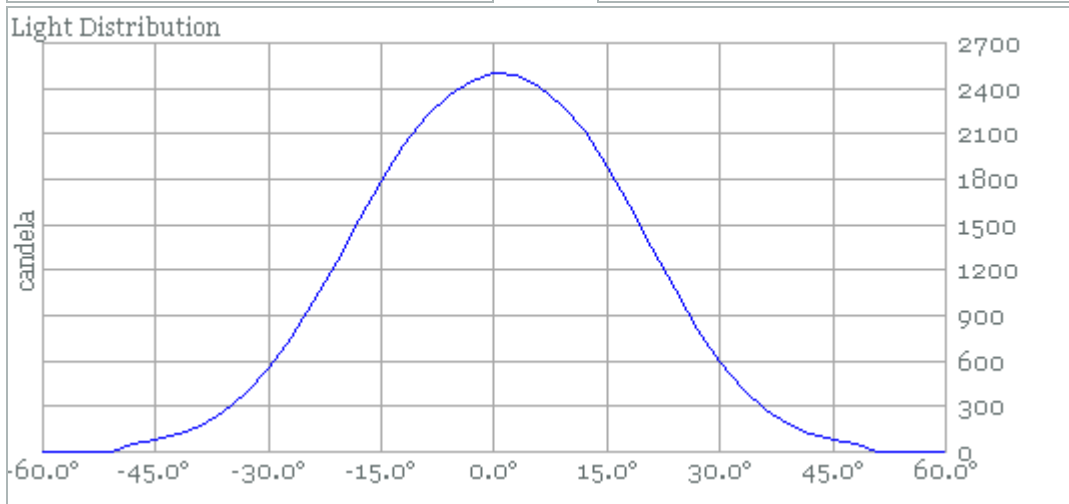
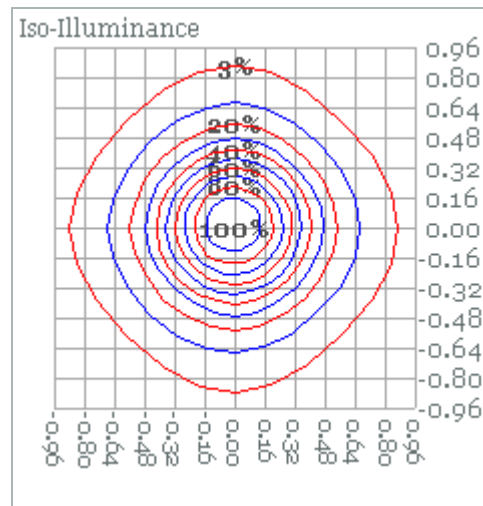
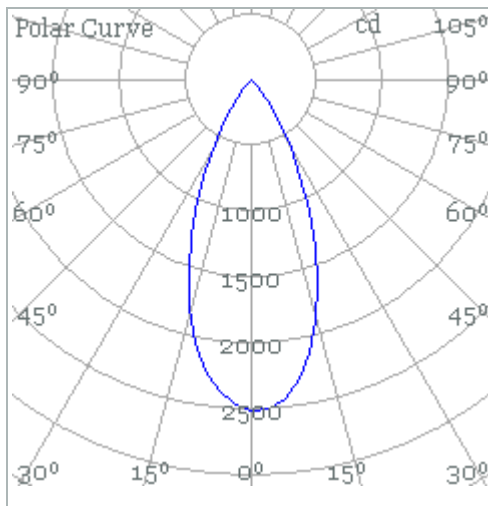
# Medium (Only Red LEDs on. Medium Diffuser.) (24°)

m.	Ø 50%	24°	E (lux)	Efficacy
				30.6 lumens per watt
5	2.1		276	Half-peak diameter
10	4.3		69	0.43 X distance(m)
20	8.5		17	Illuminance
30	12.8		8	6900 / distance <sup>2</sup> (lux)
50	21.3		3	Total Output
				1400 (lumens)

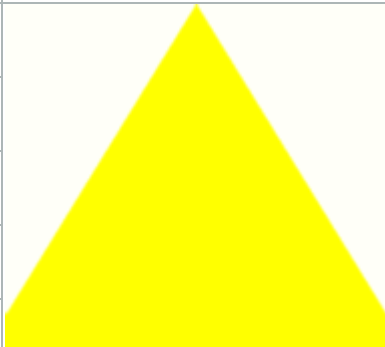


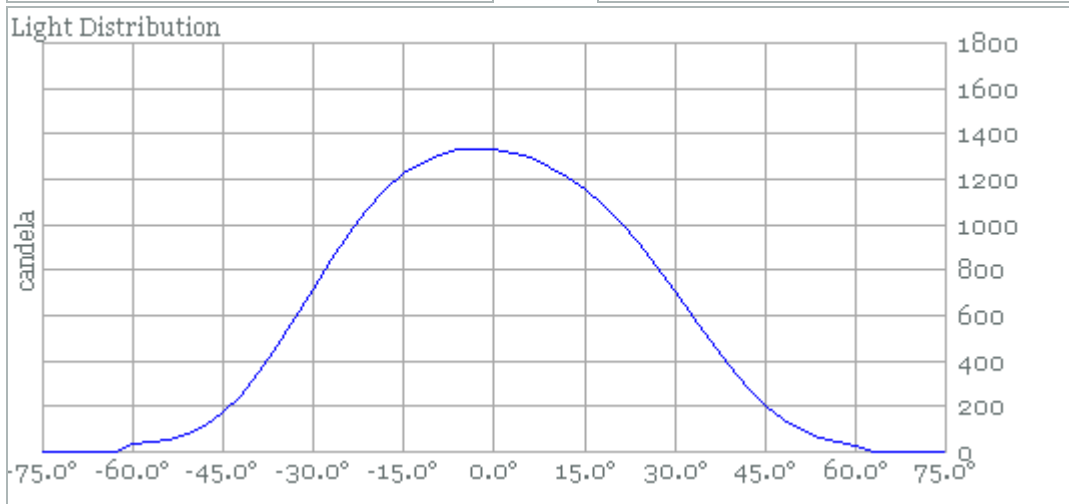
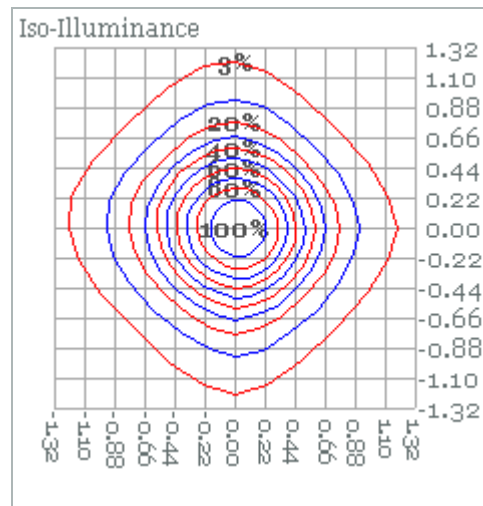
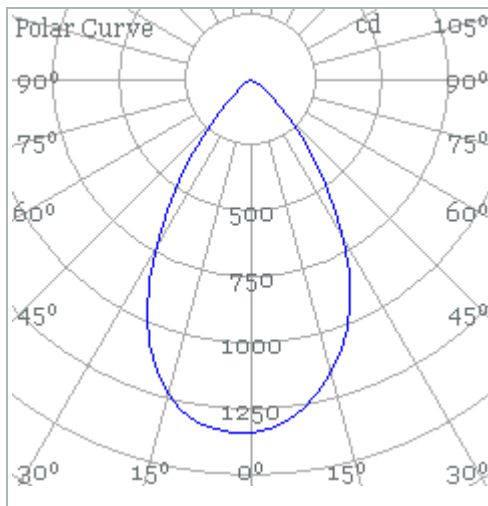
# Wide (Only Red LEDs on. Wide Diffuser.) (43°)

m.	Ø 50%	43°	E (lux)	Efficacy
5	3.9		100	31.5 lumens per watt
10	7.9		25	Half-peak diameter
20	15.8		6	0.79 X distance(m)
30	23.6		3	Illuminance
50	39.4		1	2500 / distance <sup>2</sup> (lux)
				Total Output
				1400 (lumens)

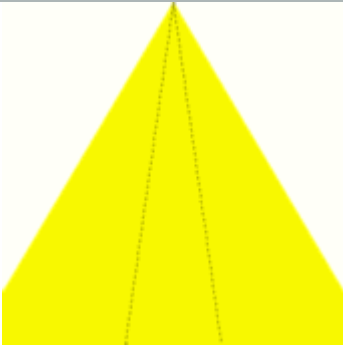


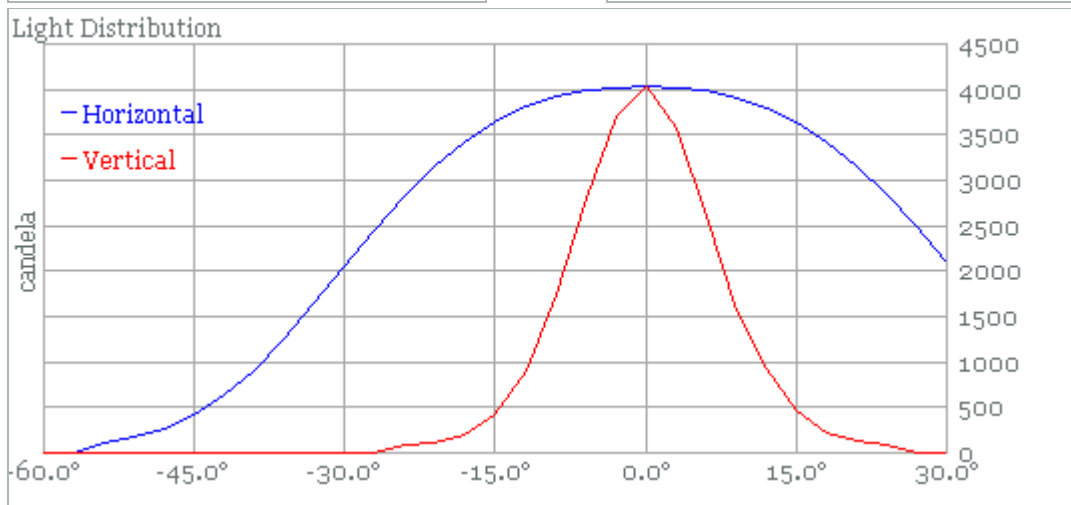
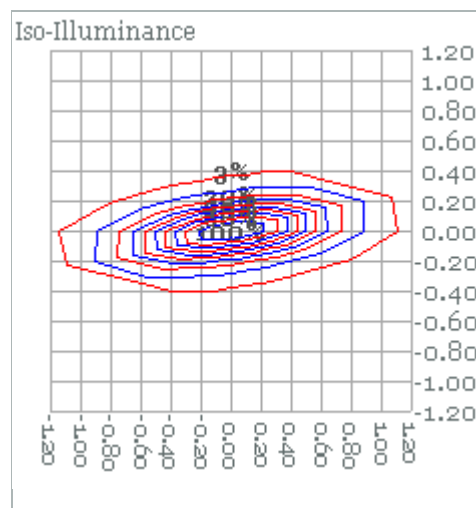
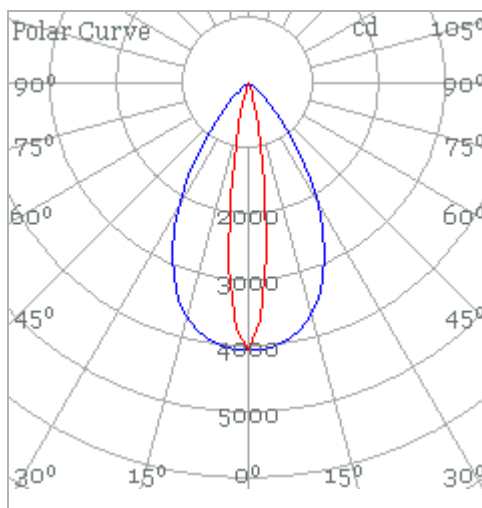
# Very Wide (Only Red LEDs on. Very Wide Diffuser.) (63°)

m.	Ø 50%		E (lux)	Efficacy
5	6.1		52	31.7 lumens per watt
10	12.3		13	Half-peak diameter
20	24.5		3	1.23 X distance(m)
30	36.8		1	Illuminance
50	61.3		1	1300 / distance <sup>2</sup> (lux)
				Total Output
				1400 (lumens)




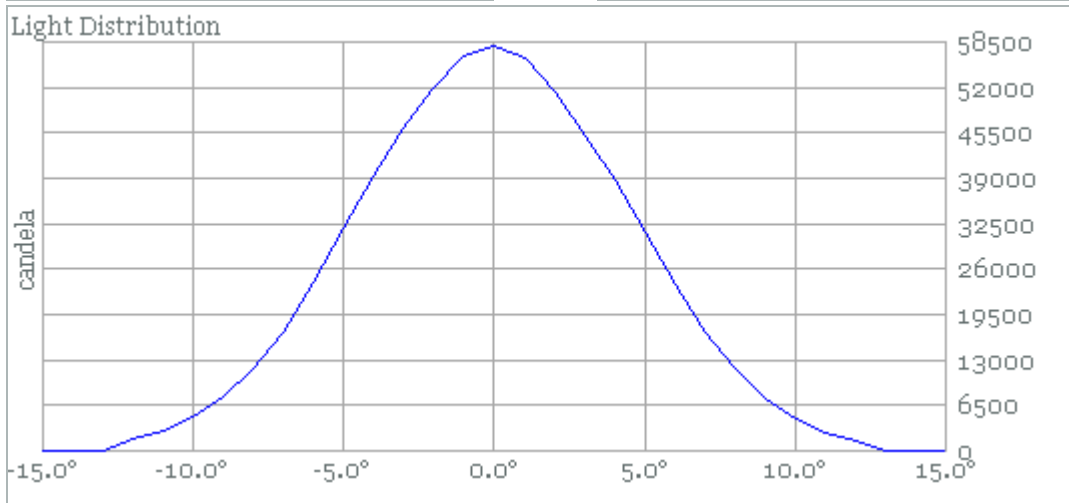
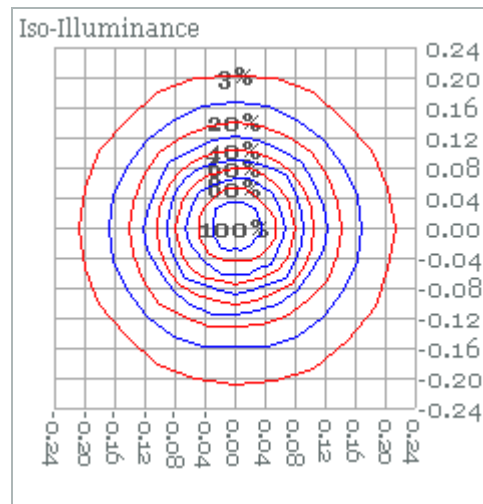
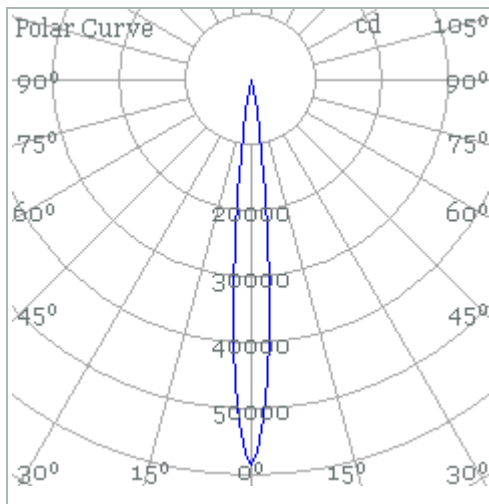
Standard with ellipsoidal beamshaper (Only Red LEDs on. Asymmetric Diffuser.) (61° X 16°)

m.	Ø 50%		61°   16°	E (lux)	Efficacy
	C <sub>0</sub>	C <sub>90</sub>			31 lumens per watt
5	5.9	1.4		160	Half-peak diameter C <sub>0</sub>
10	11.8	2.8		40	1.18 X distance(m)
20	23.6	5.6		10	Half-peak diameter C <sub>90</sub>
30	35.3	8.4		4	0.28 X distance(m)
50	58.9	14.1		2	Illuminance
					4000 / distance <sup>2</sup> (lux)
					Total Output
					1400 (lumens)




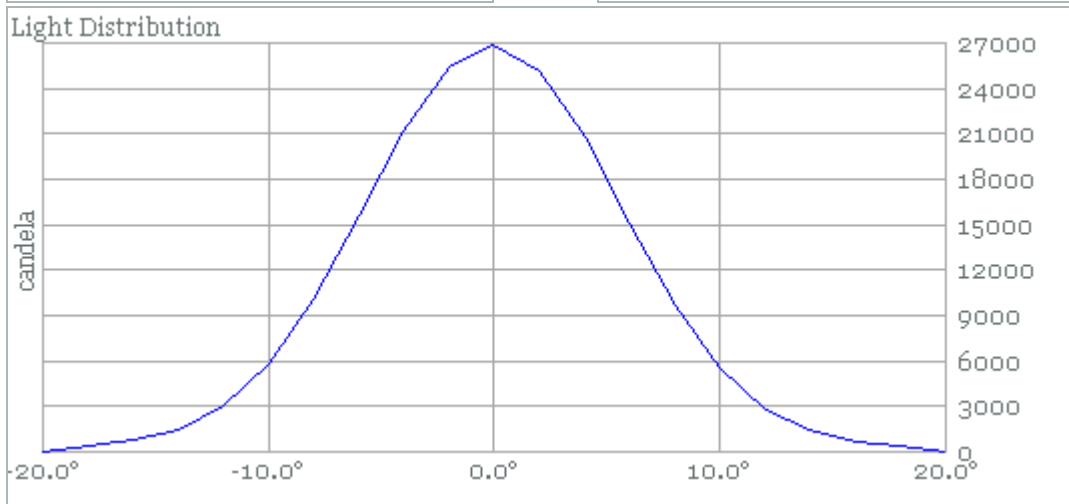
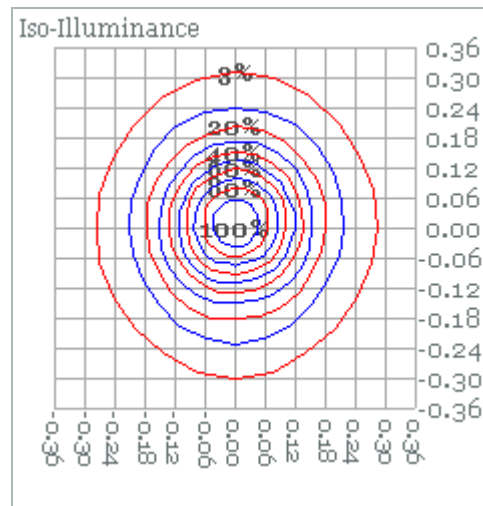
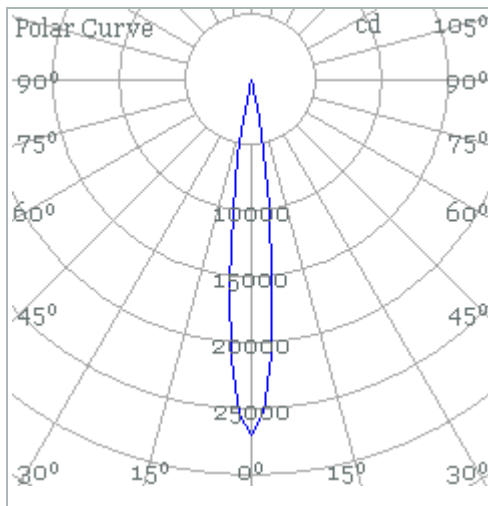
Standard (Only Green LEDs on. No Diffuser.) (10.5°)

m.	Ø 50%	10.5°	E (lux)	Efficacy
				37.5 lumens per watt
5	0.9		2320	Half-peak diameter
10	1.8		580	0.18 X distance(m)
20	3.7		145	Illuminance
30	5.5		64	58000 / distance <sup>2</sup> (lux)
50	9.2		23	Total Output
				2100 (lumens)

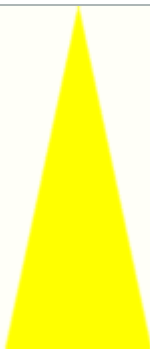


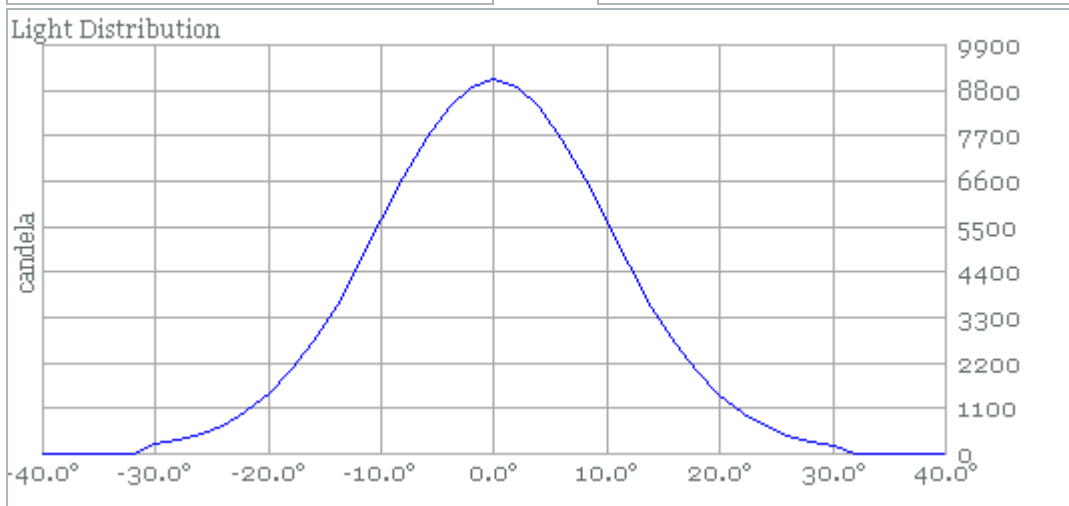
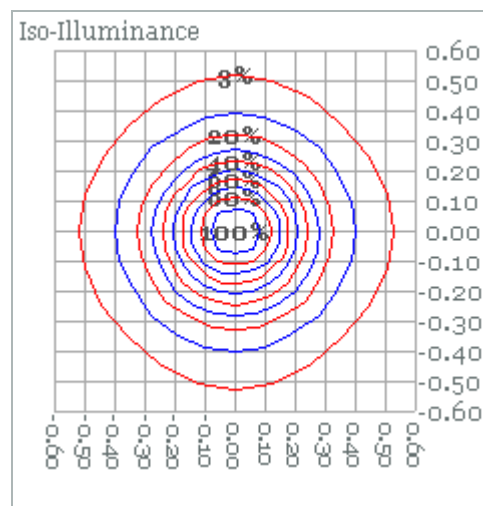
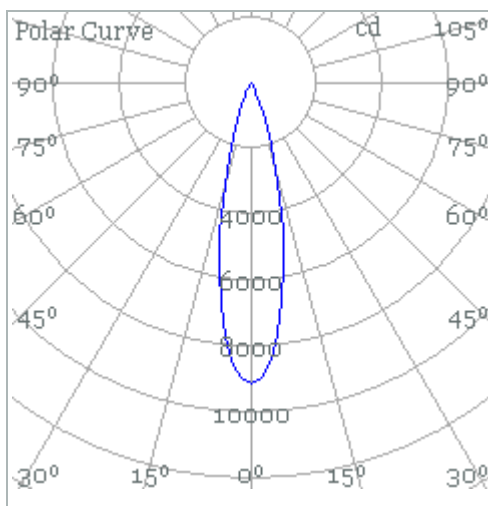
# Narrow (Only Green LEDs on. Narrow Diffuser.) (14°)

m.	Ø 50%	14°	E (lux)	Efficacy
				31.5 lumens per watt
5	1.2		1080	Half-peak diameter
10	2.5		270	0.25 X distance(m)
20	4.9		68	Illuminance
30	7.4		30	27000 / distance <sup>2</sup> (lux)
50	12.3		11	Total Output
				1800 (lumens)




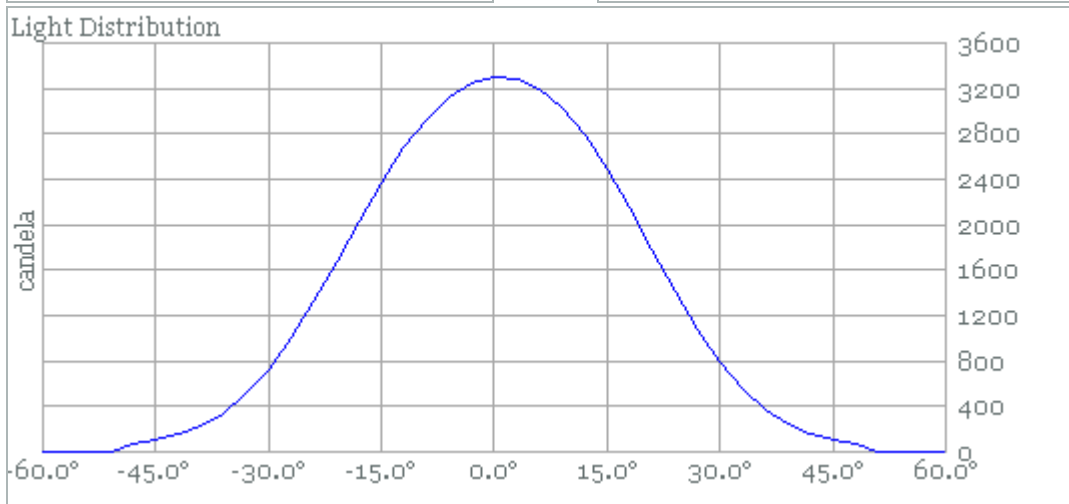
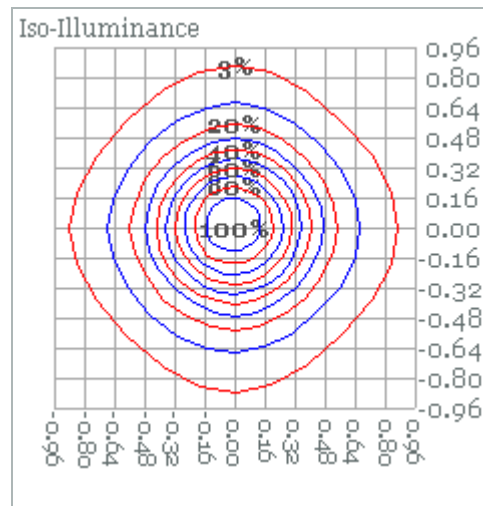
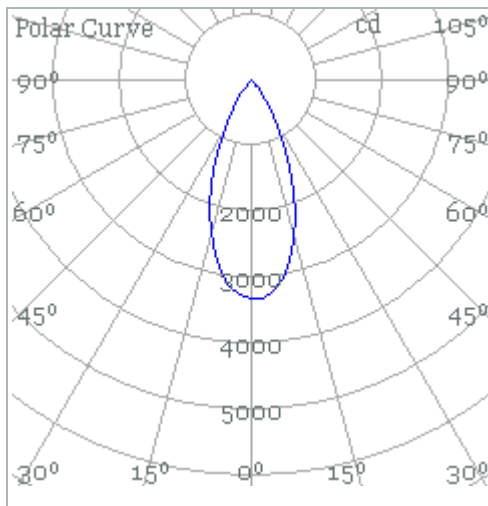
# Medium (Only Green LEDs on. Medium Diffuser.) (24°)

m.	Ø 50%	24°	E (lux)	Efficacy
5	2.1		364	32.5 lumens per watt
10	4.3		91	Half-peak diameter
20	8.5		23	0.43 X distance(m)
30	12.8		10	Illuminance
50	21.3		4	9100 / distance <sup>2</sup> (lux)
				Total Output
				1800 (lumens)



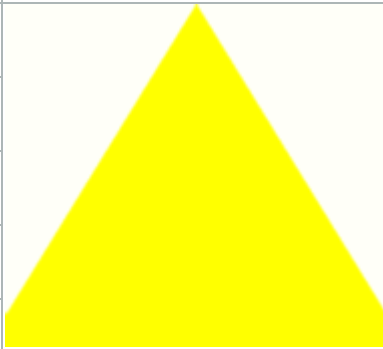
# Wide (Only Green LEDs on. Wide Diffuser.) (43°)

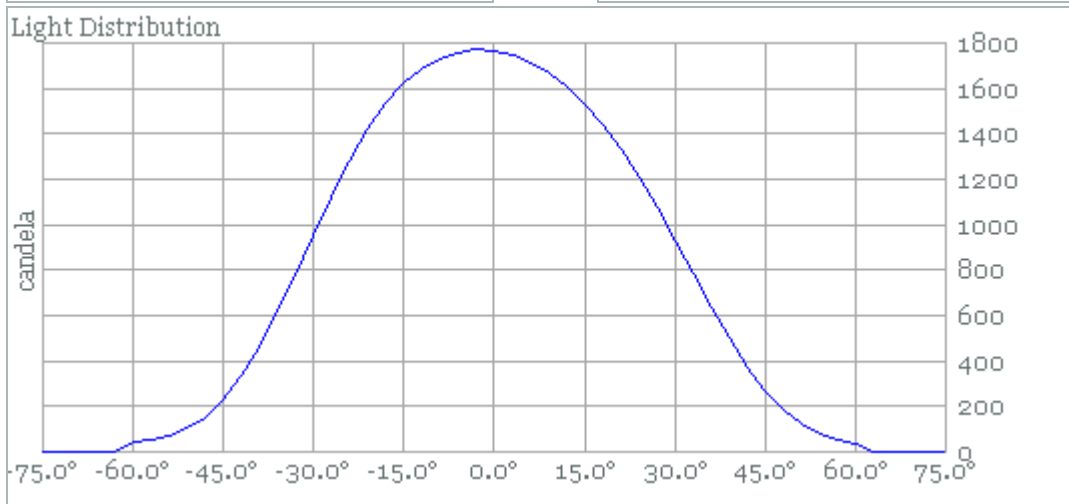
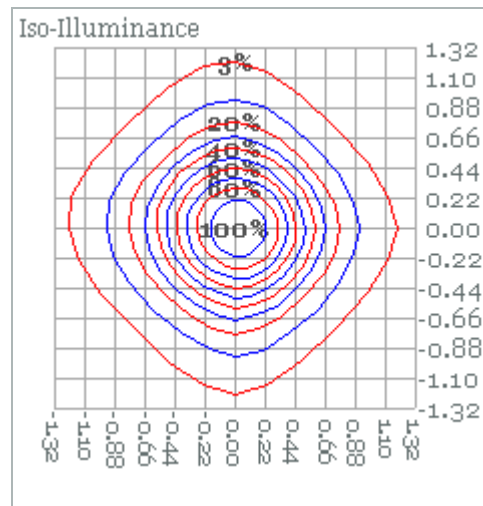
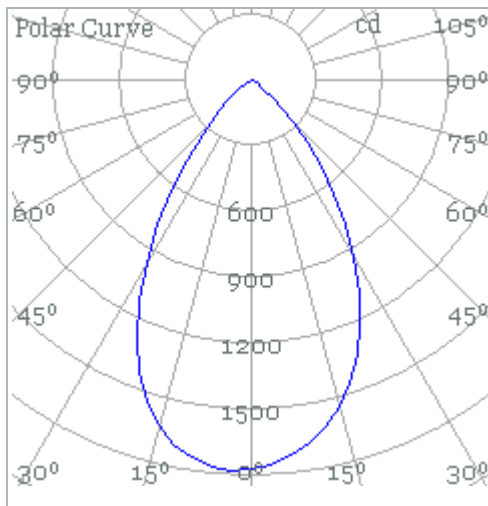
m.	Ø 50%	43°	E (lux)	Efficacy
5	3.9		132	33.5 lumens per watt
10	7.9		33	Half-peak diameter
20	15.8		8	0.79 X distance(m)
30	23.6		4	Illuminance
50	39.4		1	3300 / distance <sup>2</sup> (lux)
				Total Output
				1900 (lumens)



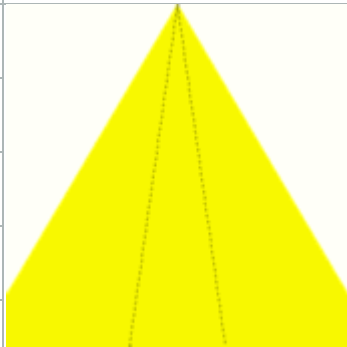


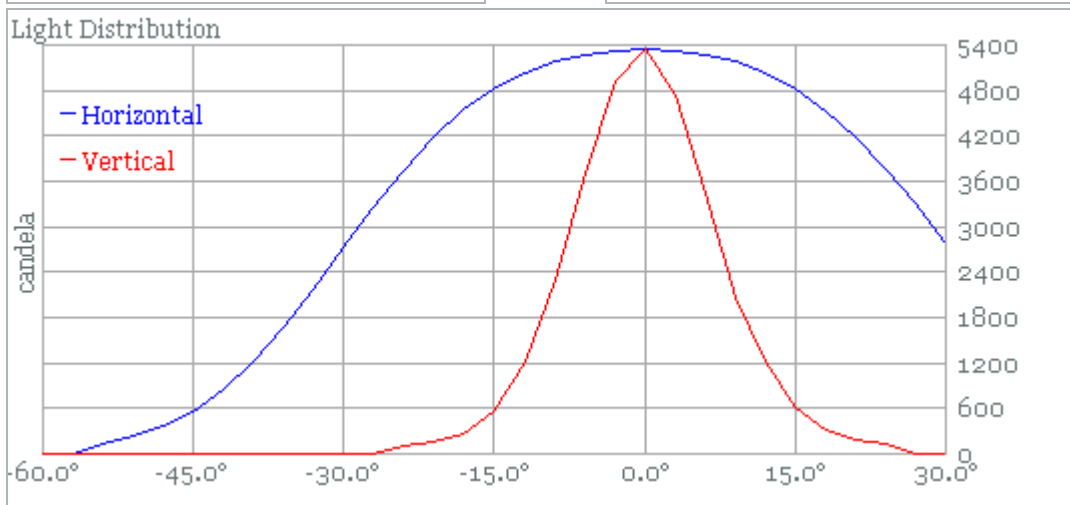
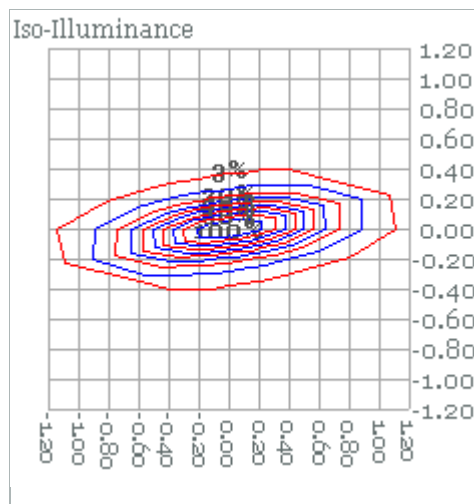
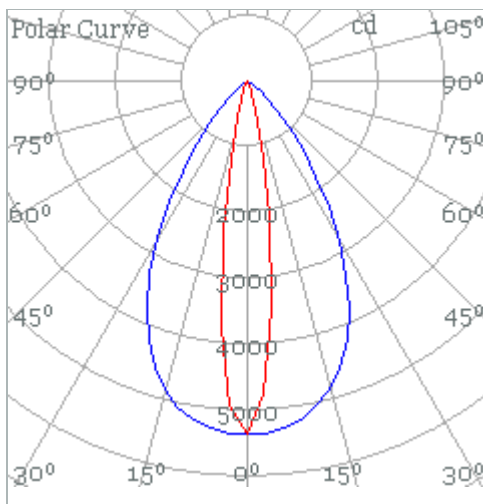
# Very Wide (Only Green LEDs on. Very Wide Diffuser.) (63°)

m.	Ø 50%	63°	E (lux)	Efficacy
				33.7 lumens per watt
5	6.1		72	Half-peak diameter
10	12.3		18	1.23 X distance(m)
20	24.5		5	Illuminance
30	36.8		2	1800 / distance <sup>2</sup> (lux)
50	61.3		1	Total Output
				1900 (lumens)




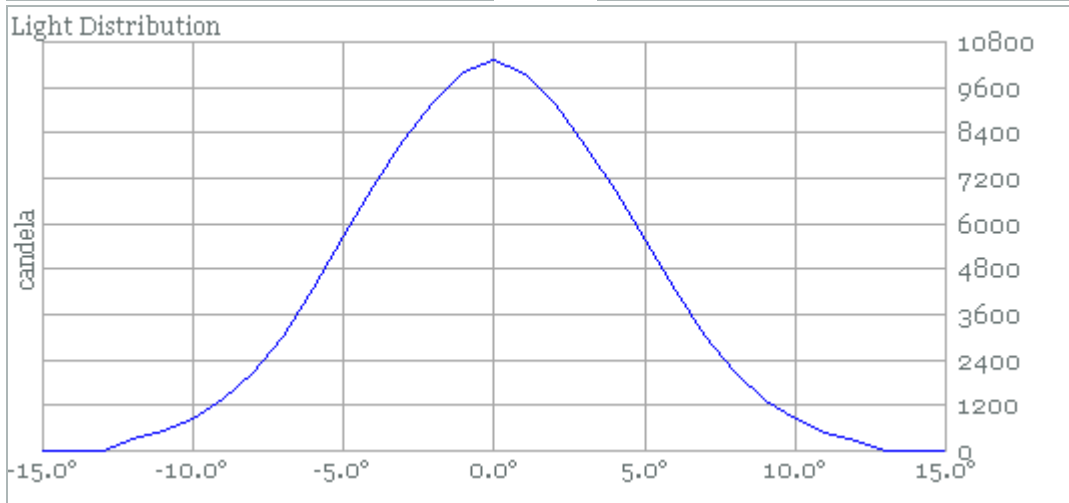
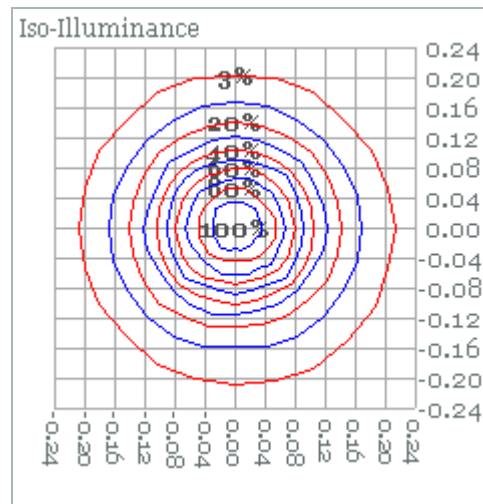
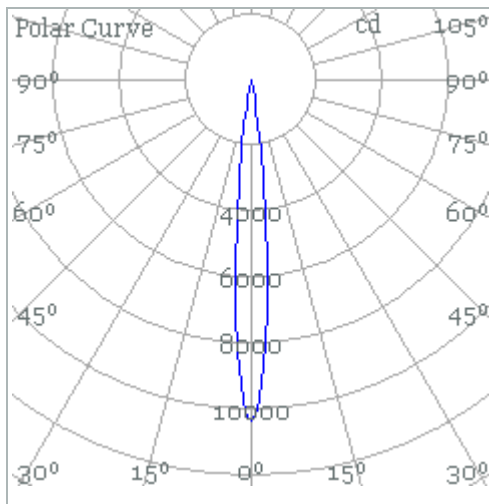
Standard with ellipsoidal beamshaper (Only Green LEDs on. Asymmetric Diffuser.) (61° X 16°)

m.	Ø 50%		61°   16°	E (lux)	Efficacy
	C <sub>0</sub>	C <sub>90</sub>			33 lumens per watt
5	5.9	1.4		216	Half-peak diameter C <sub>0</sub>
10	11.8	2.8		54	1.18 X distance(m)
20	23.6	5.6		14	Half-peak diameter C <sub>90</sub>
30	35.3	8.4		6	0.28 X distance(m)
50	58.9	14.1		2	Illuminance
					5400 / distance <sup>2</sup> (lux)
					Total Output
					1800 (lumens)




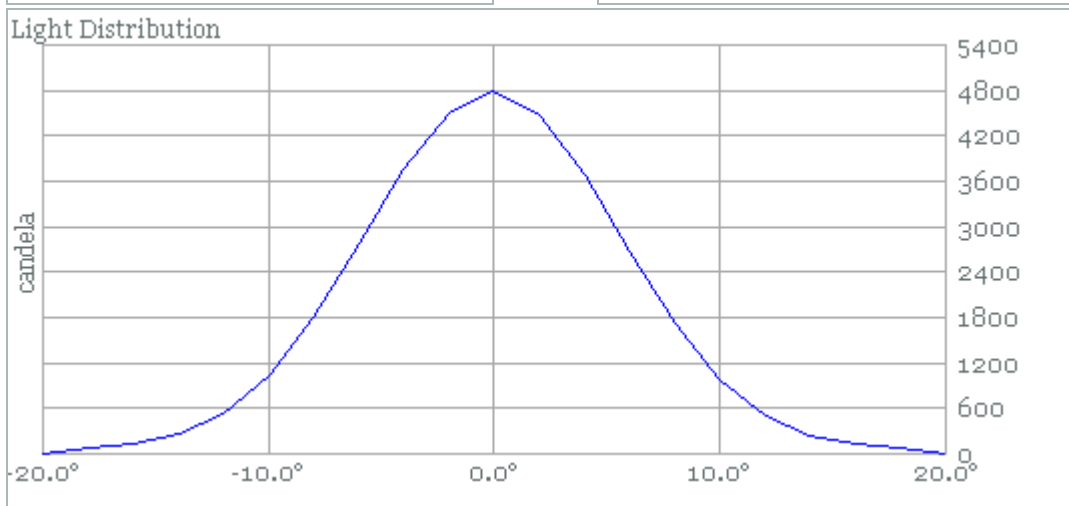
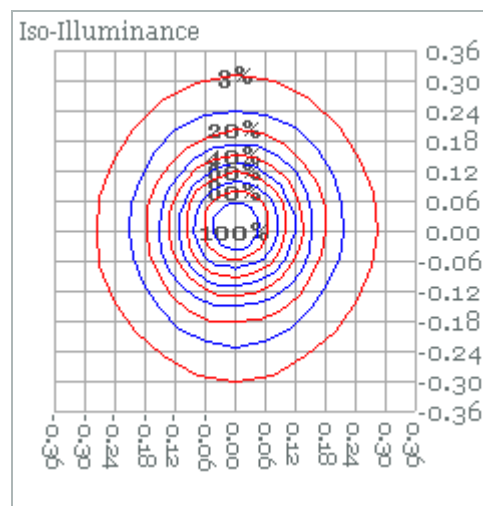
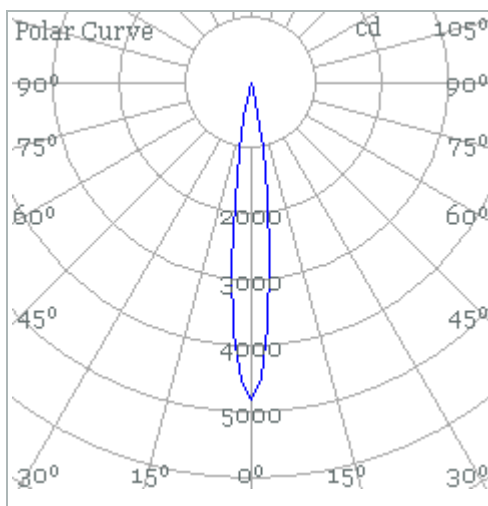
Standard (Only Blue LEDs on. No Diffuser.) (10.5°)

m.	Ø 50%	10.5°	E (lux)	Efficacy
5	0.9		400	7.5 lumens per watt
10	1.8		100	Half-peak diameter
20	3.7		25	0.18 X distance(m)
30	5.5		11	Illuminance
50	9.2		4	10000 / distance <sup>2</sup> (lux)
				Total Output
				370 (lumens)

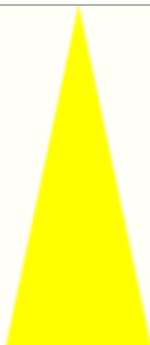


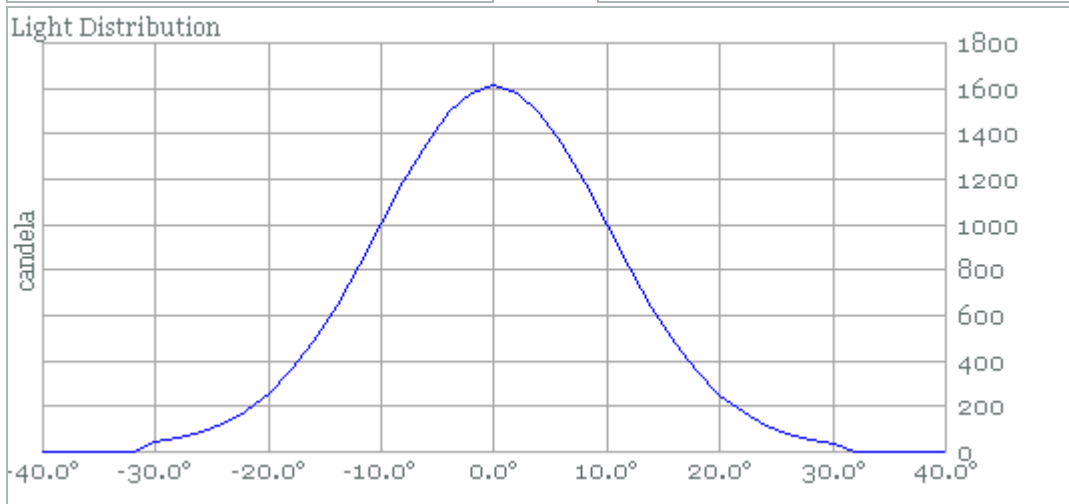
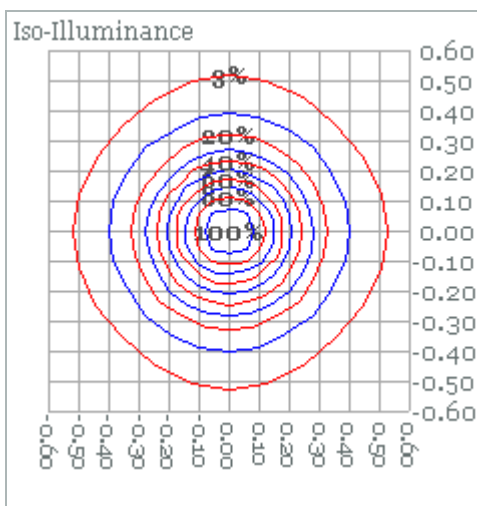
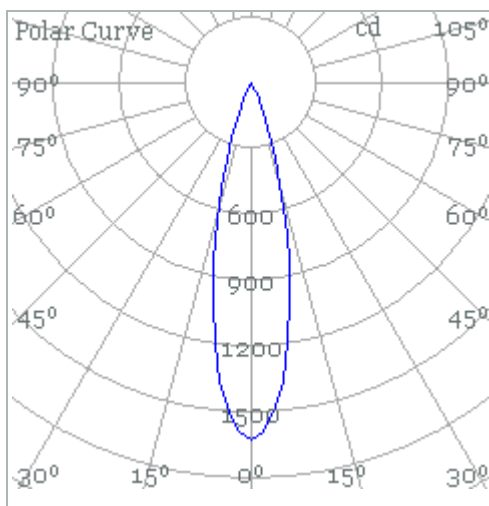
# Narrow (Only Blue LEDs on. Narrow Diffuser.) (14°)

m.	Ø 50%	14°	E (lux)	Efficacy
5	1.2		192	6.3 lumens per watt
10	2.5		48	Half-peak diameter
20	4.9		12	0.25 X distance(m)
30	7.4		5	Illuminance
50	12.3		2	4800 / distance <sup>2</sup> (lux)
				Total Output
				310 (lumens)




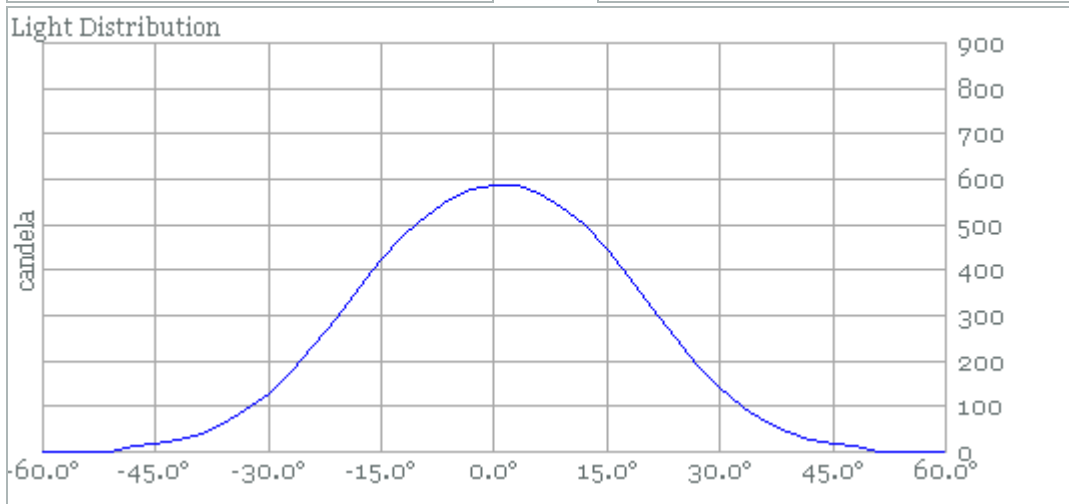
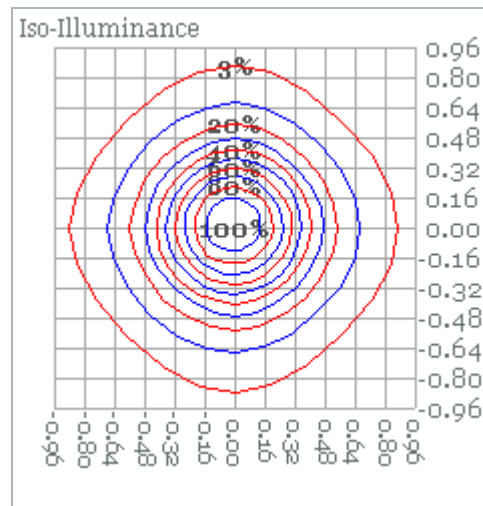
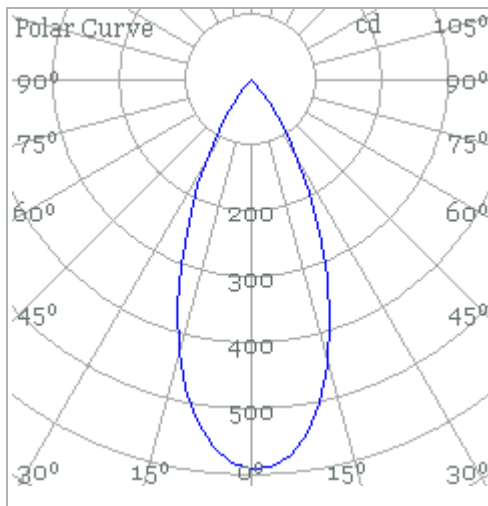
# Medium (Only Blue LEDs on. Medium Diffuser.) (24°)

m.	Ø 50%	24°	E (lux)	Efficacy
5	2.1		64	6.5 lumens per watt
10	4.3		16	Half-peak diameter
20	8.5		4	0.43 X distance(m)
30	12.8		2	Illuminance
50	21.3		1	1600 / distance <sup>2</sup> (lux)
				Total Output
				320 (lumens)

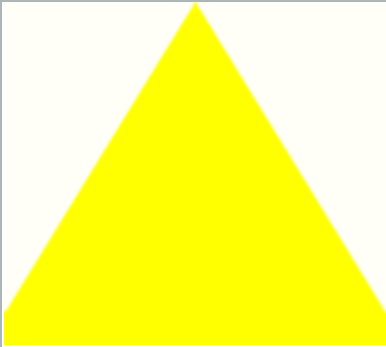


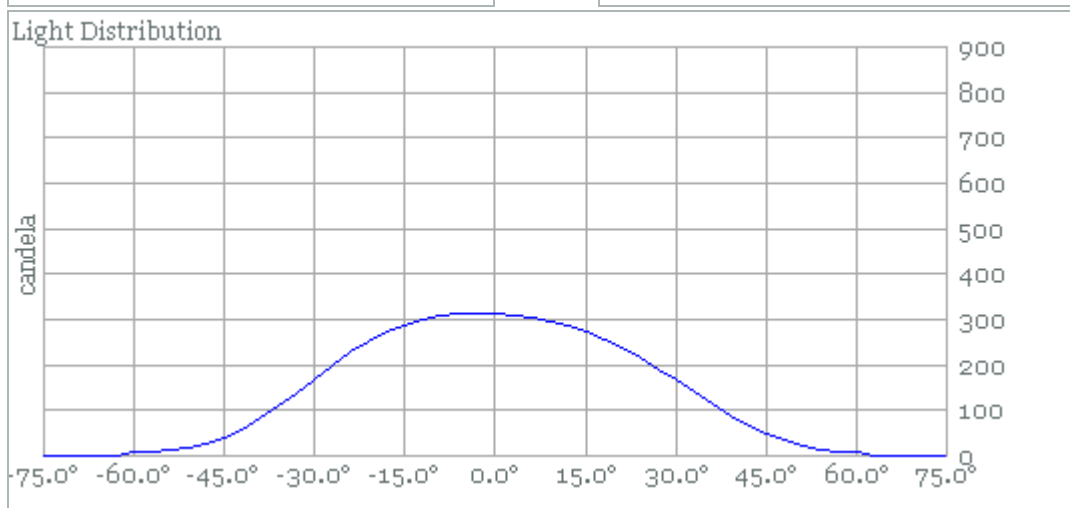
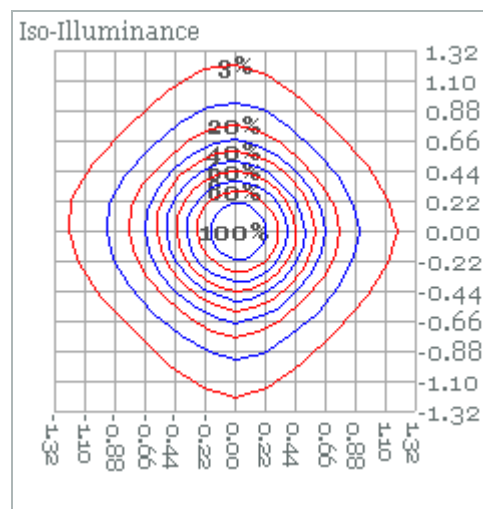
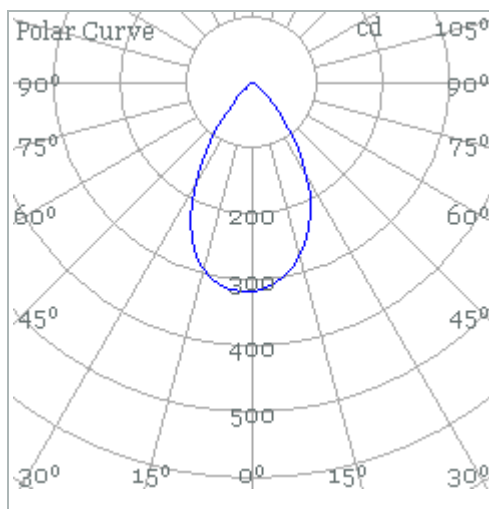
# Wide (Only Blue LEDs on. Wide Diffuser.) (43°)

m.	Ø 50%	43°	E (lux)	Efficacy
5	3.9		24	6.7 lumens per watt
10	7.9		6	Half-peak diameter
20	15.8		1	0.79 X distance(m)
30	23.6		1	Illuminance
50	39.4		0	590 / distance <sup>2</sup> (lux)
				Total Output
				330 (lumens)

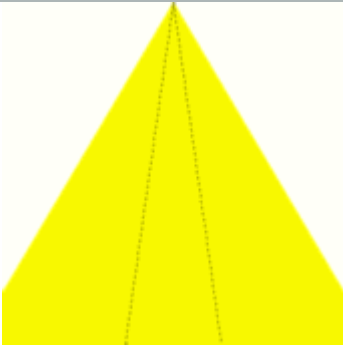


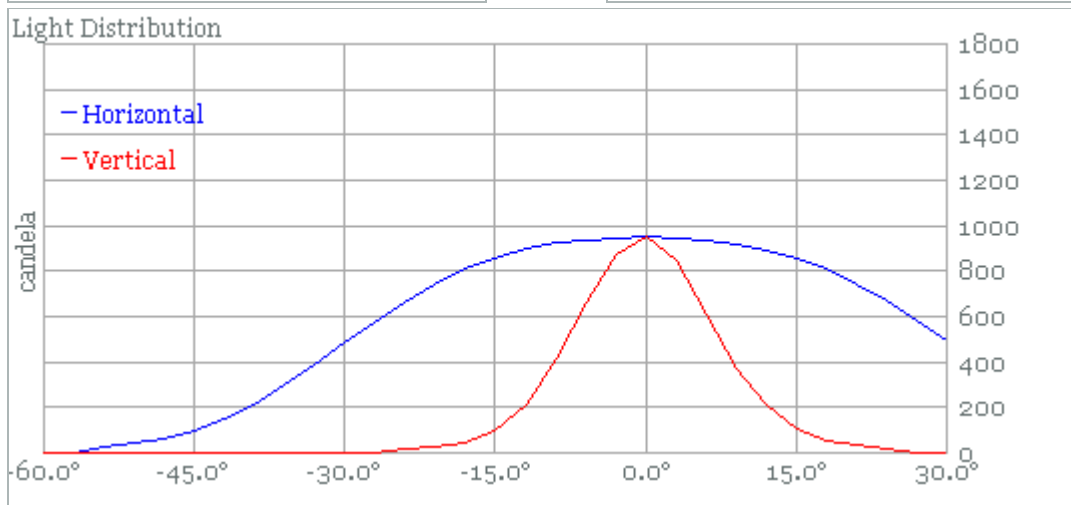
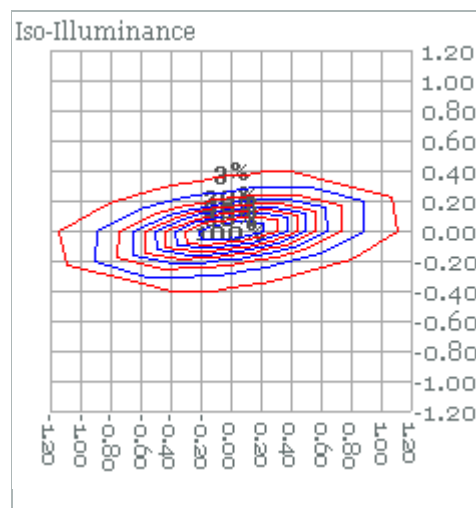
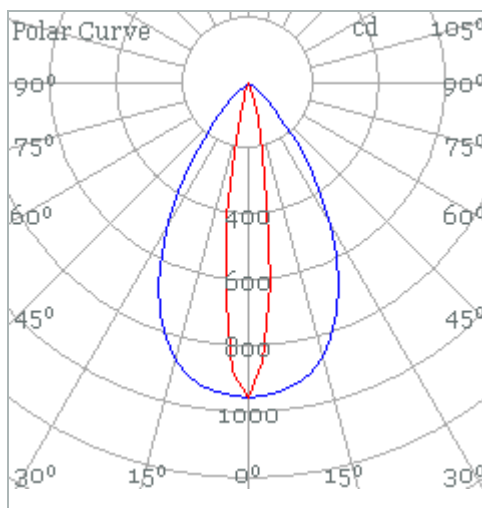
Very Wide (Only Blue LEDs on. Very Wide Diffuser.) (63°)

m.	Ø 50%	63°	E (lux)	Efficacy
5	6.1		12	6.7 lumens per watt
10	12.3		3	Half-peak diameter
20	24.5		1	1.23 X distance(m)
30	36.8		0	Illuminance
50	61.3		0	310 / distance <sup>2</sup> (lux)
			0	Total Output
				340 (lumens)




Standard with ellipsoidal beamshaper (Only Blue LEDs on. Asymmetric Diffuser.) (61° X 16°)

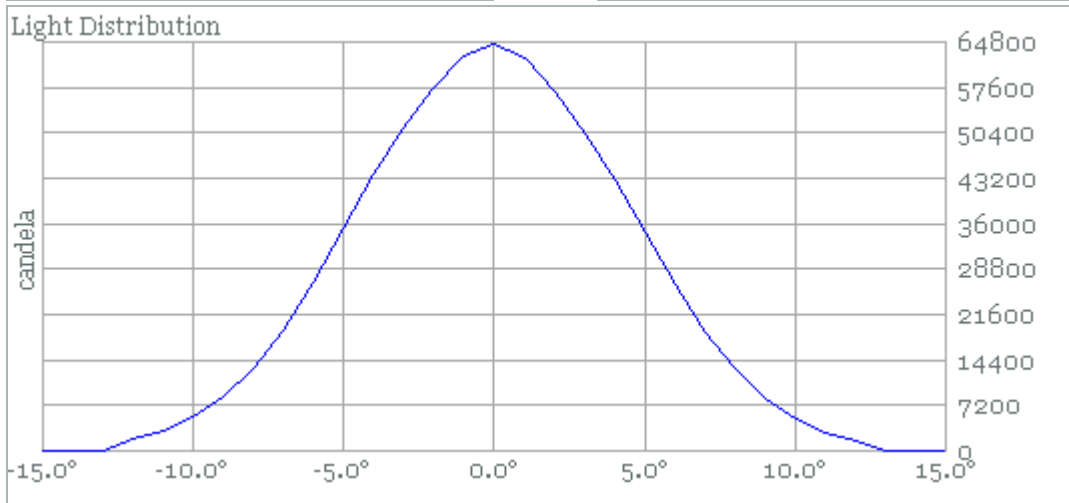
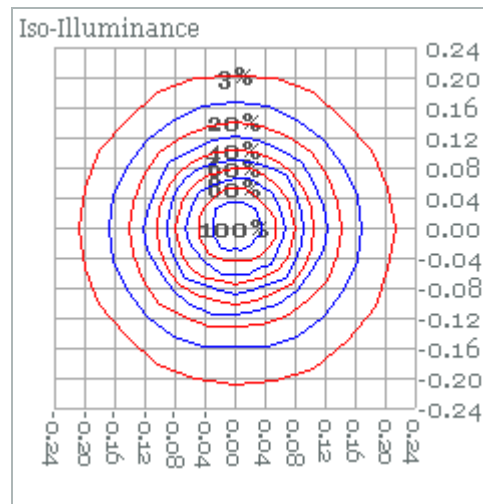
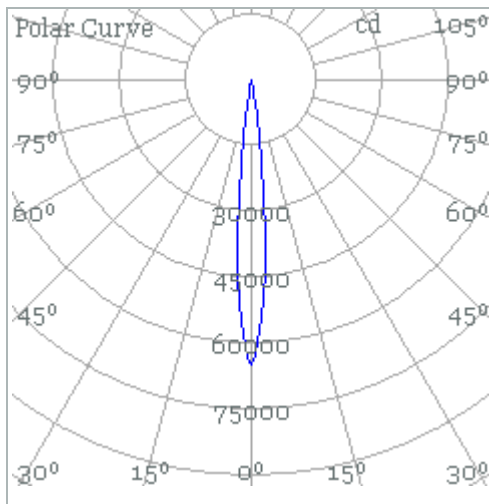
m.	Ø 50%		61°   16°	E (lux)	Efficacy
	C <sub>0</sub>	C <sub>90</sub>			6.6 lumens per watt
5	5.9	1.4		38	Half-peak diameter C <sub>0</sub>
10	11.8	2.8		10	1.18 X distance(m)
20	23.6	5.6		2	Half-peak diameter C <sub>90</sub>
30	35.3	8.4		1	0.28 X distance(m)
50	58.9	14.1		0	Illuminance
					950 / distance <sup>2</sup> (lux)
					Total Output
					330 (lumens)






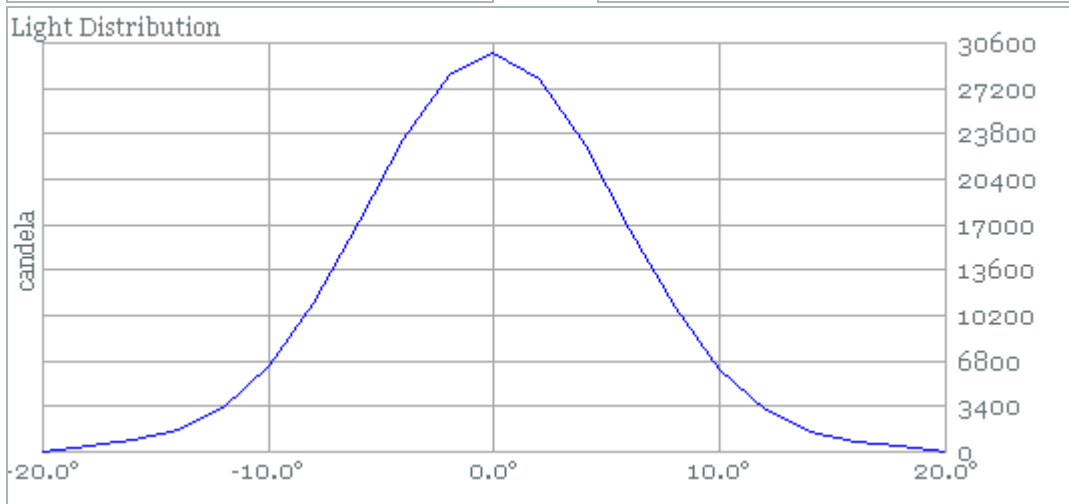
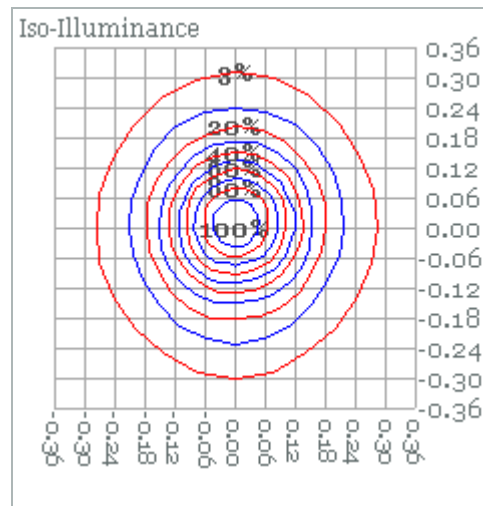
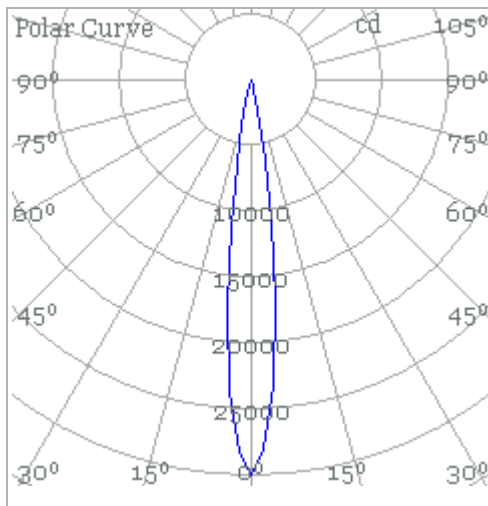
Standard (Only White LEDs on. No Diffuser.) (10.5°)

m.	Ø 50%	10.5°	E (lux)	Efficacy
				46.6 lumens per watt
5	0.9		2560	Half-peak diameter
10	1.8		640	0.18 X distance(m)
20	3.7		160	Illuminance
30	5.5		71	64000 / distance <sup>2</sup> (lux)
50	9.2		26	Total Output
				2300 (lumens)

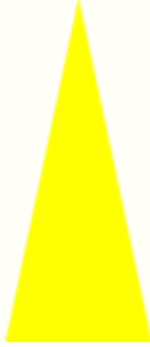


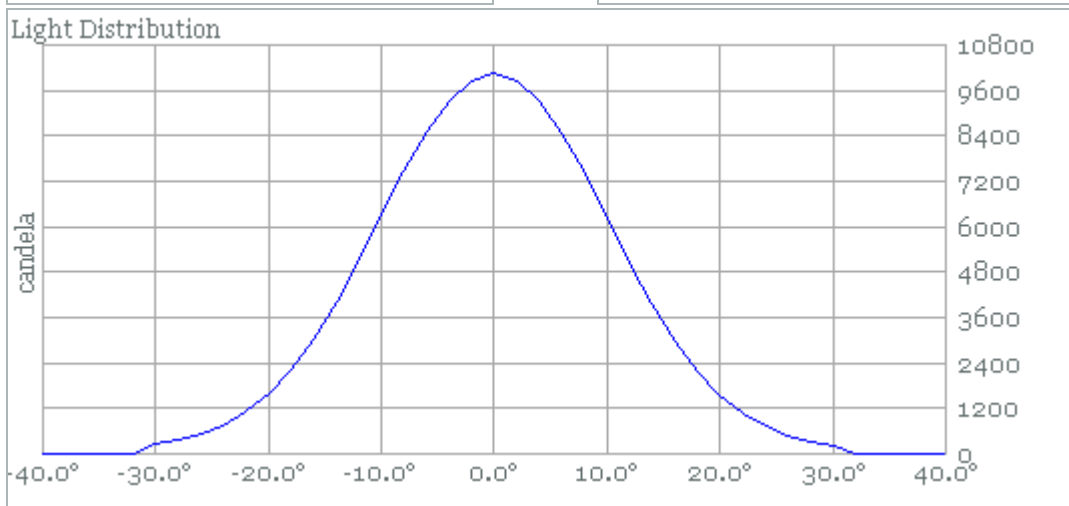
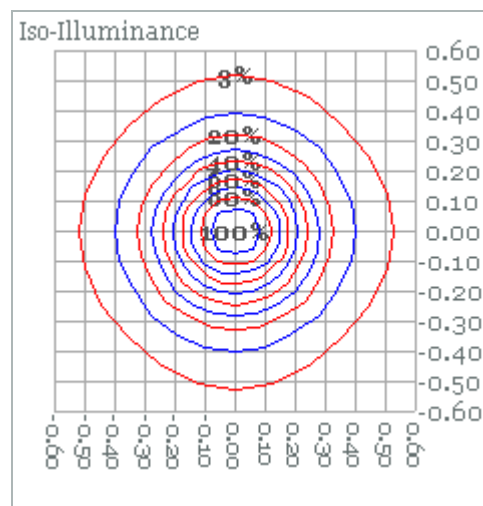
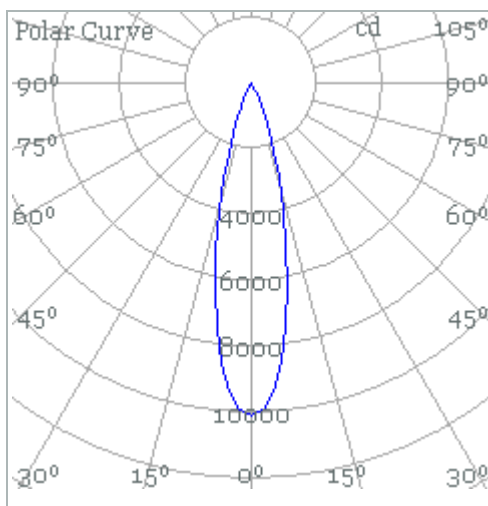
# Narrow (Only White LEDs on. Narrow Diffuser.) (14°)

m.	Ø 50%	14°	E (lux)	Efficacy
				39.2 lumens per watt
5	1.2		1200	Half-peak diameter
10	2.5		300	0.25 X distance(m)
20	4.9		75	Illuminance
30	7.4		33	30000 / distance <sup>2</sup> (lux)
50	12.3		12	Total Output
				2000 (lumens)




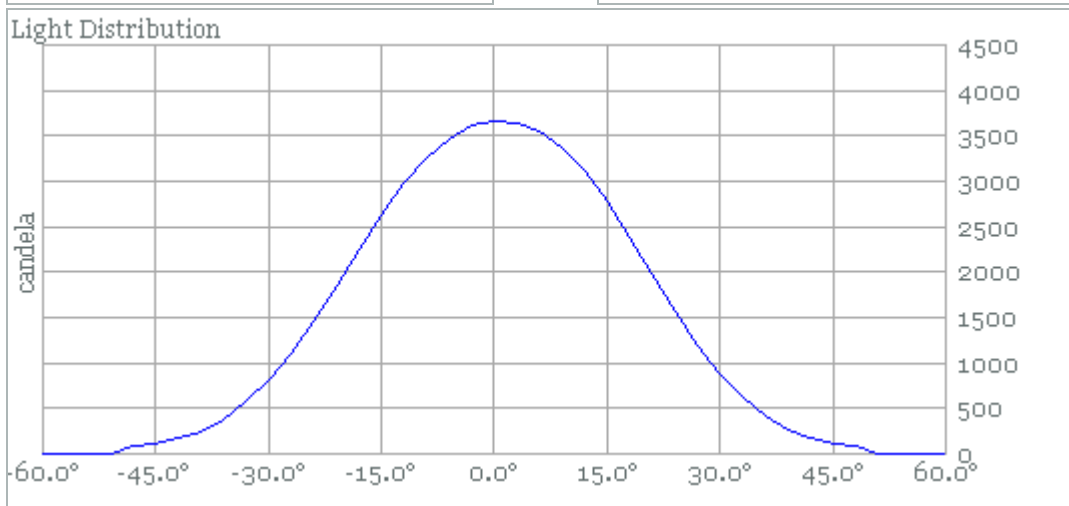
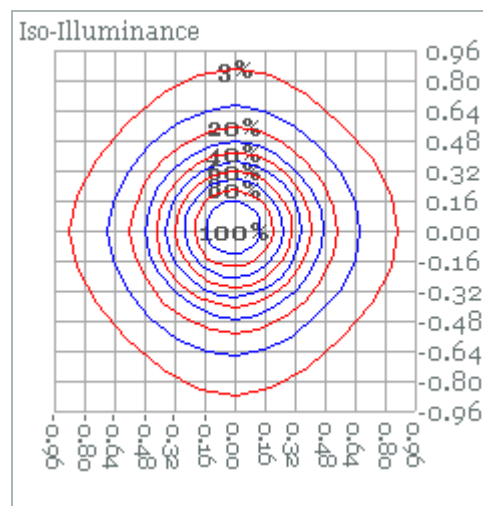
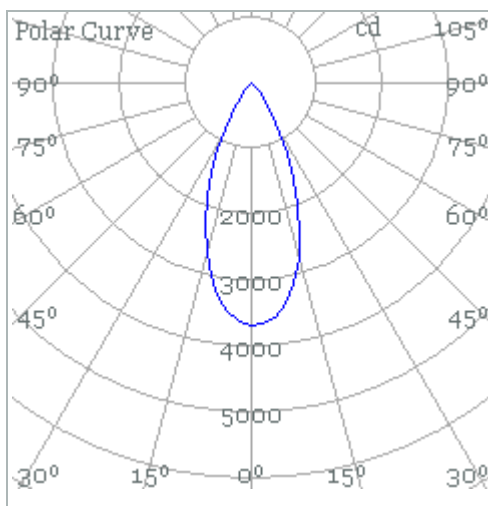
# Medium (Only White LEDs on. Medium Diffuser.) (24°)

m.	Ø 50%	24°	E (lux)	Efficacy
5	2.1		400	40.4 lumens per watt
10	4.3		100	Half-peak diameter
20	8.5		25	0.43 X distance(m)
30	12.8		11	Illuminance
50	21.3		4	10000 / distance <sup>2</sup> (lux)
				Total Output
				2000 (lumens)

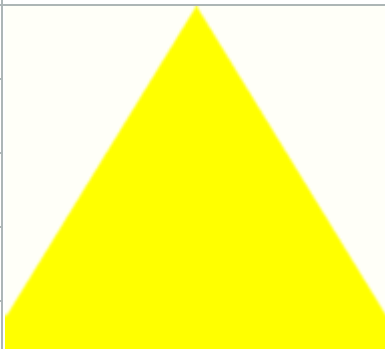


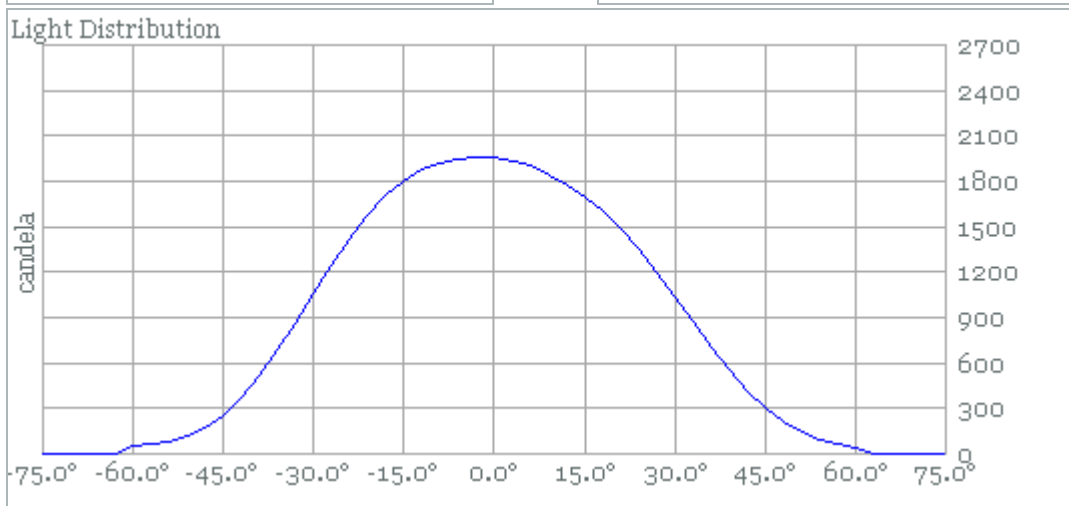
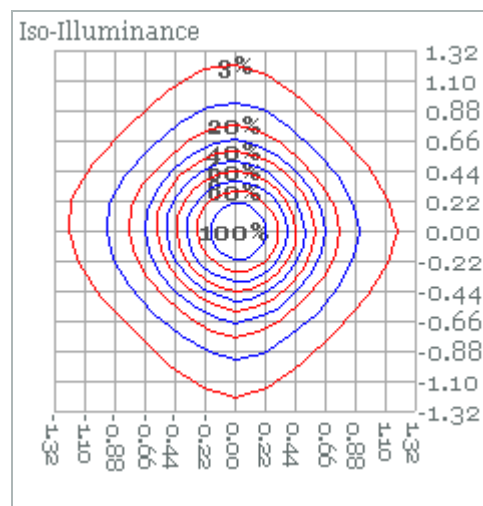
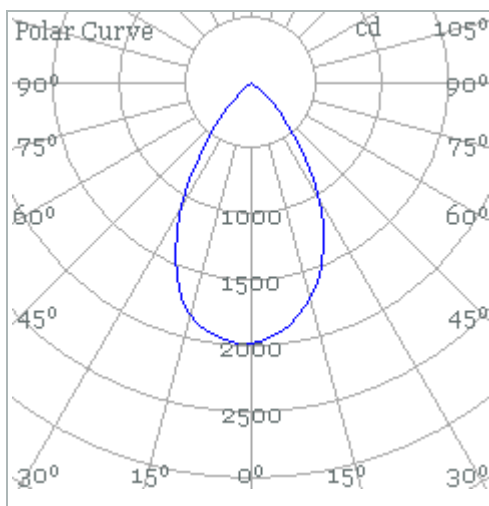
# Wide (Only White LEDs on. Wide Diffuser.) (43°)

m.	Ø 50%	43°	E (lux)	Efficacy
5	3.9		148	41.7 lumens per watt
10	7.9		37	Half-peak diameter
20	15.8		9	0.79 X distance(m)
30	23.6		4	Illuminance
50	39.4		1	3700 / distance <sup>2</sup> (lux)
				Total Output
				2100 (lumens)

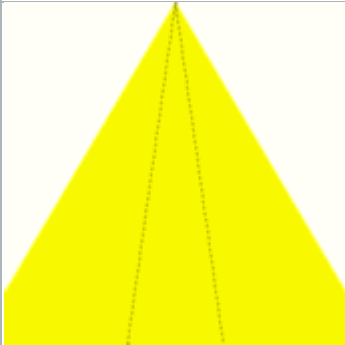


# Very Wide (Only White LEDs on. Very Wide Diffuser.) (63°)

m.	Ø 50%	63°	E (lux)	Efficacy
5	6.1		80	41.9 lumens per watt
10	12.3		20	Half-peak diameter
20	24.5		5	1.23 X distance(m)
30	36.8		2	Illuminance
50	61.3		1	2000 / distance <sup>2</sup> (lux)
				Total Output
				2100 (lumens)



Standard with ellipsoidal beamshaper (Only White LEDs on. Asymmetric Diffuser.) (61° X 16°)

m.	Ø 50%		61°   16°	E (lux)	Efficacy
	C <sub>0</sub>	C <sub>90</sub>			41 lumens per watt
5	5.9	1.4		236	Half-peak diameter C <sub>0</sub>
10	11.8	2.8		59	1.18 X distance(m)
20	23.6	5.6		15	Half-peak diameter C <sub>90</sub>
30	35.3	8.4		7	0.28 X distance(m)
50	58.9	14.1		2	Illuminance
					5900 / distance <sup>2</sup> (lux)
					Total Output
					2100 (lumens)

