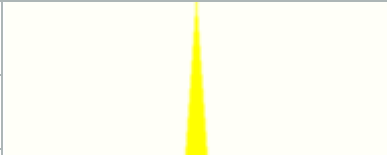
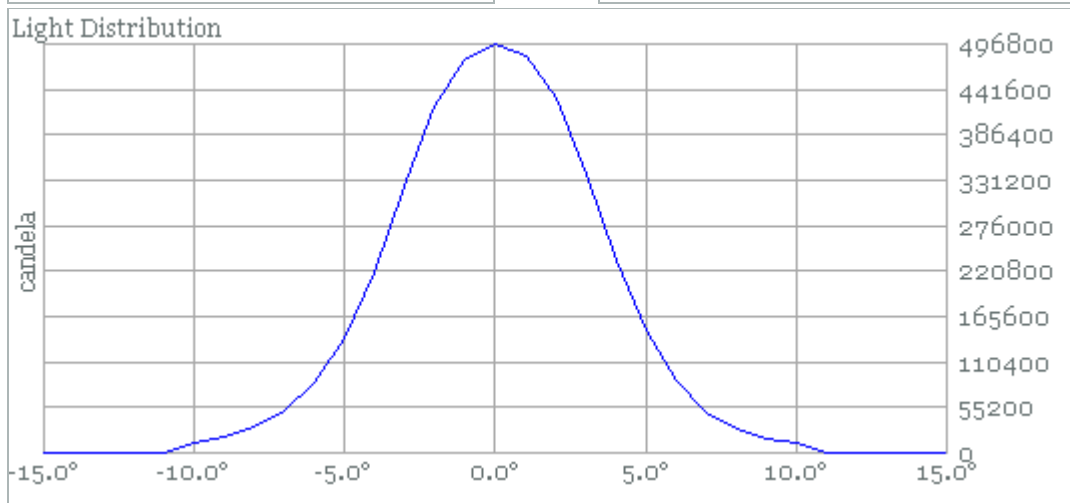
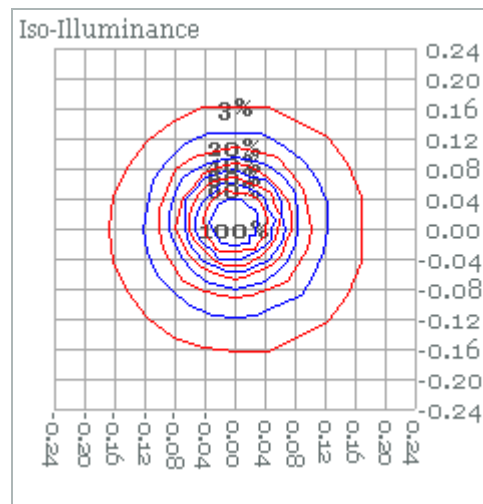
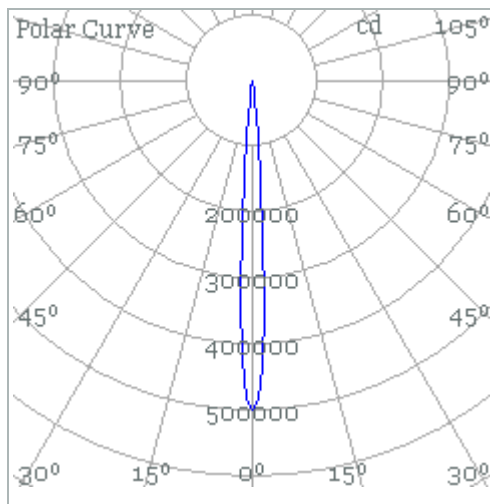



Exterior Wash 300 Photometrics

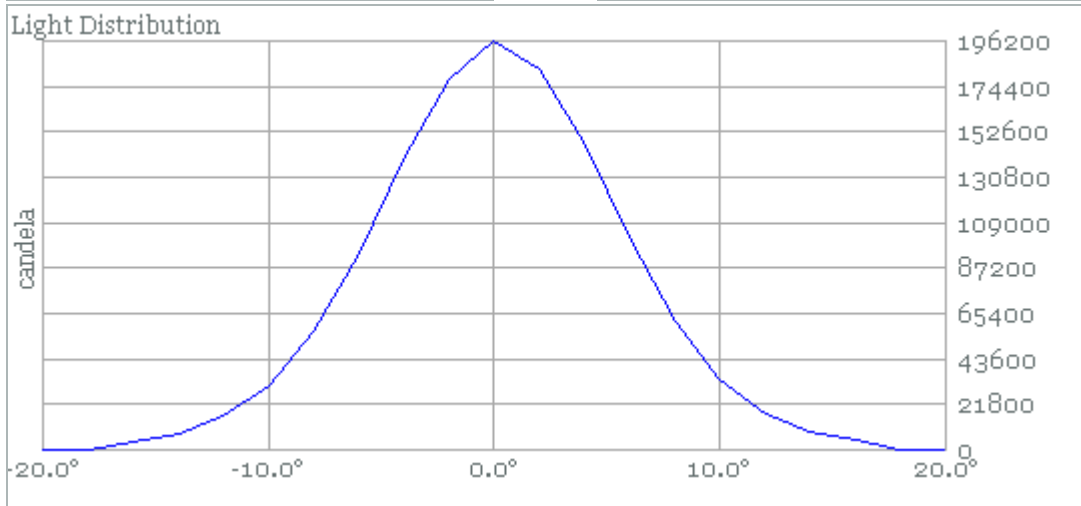
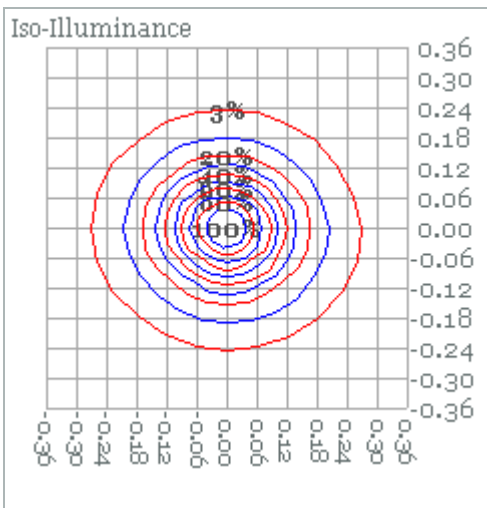
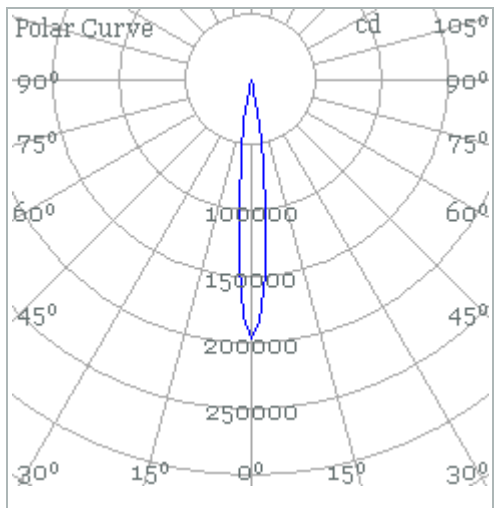
Standard (All LEDs on. No Diffuser) (7.5°)

m.	∅ 50%		E (lux)	Efficacy
5	0.7		19840	41.6 lumens per watt
10	1.3		4960	Half-peak diameter
20	2.6		1240	0.13 X distance(m)
30	3.9		551	Illuminance
50	6.6		198	496000 / distance ² (lux)
				Total Output
				10300 (lumens)

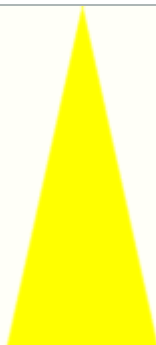


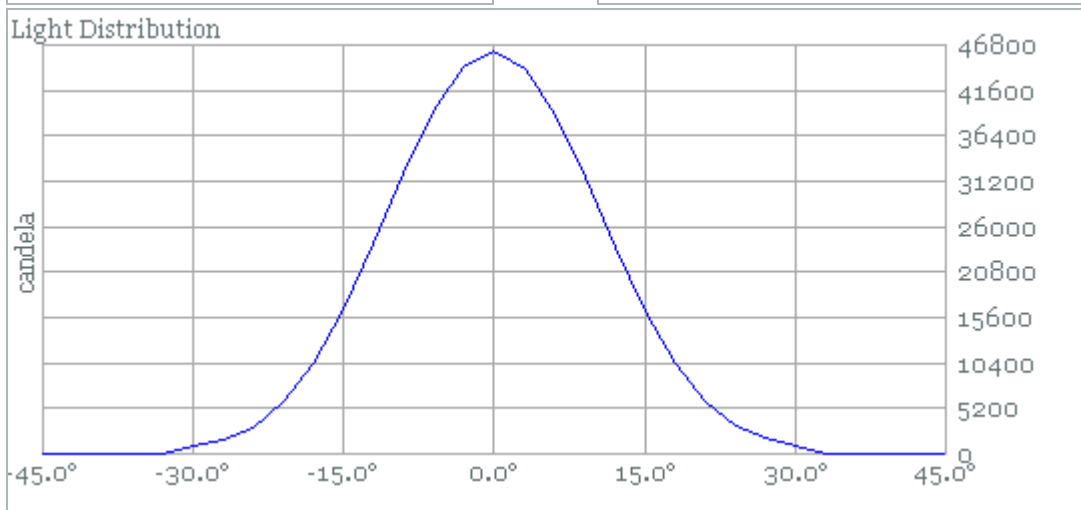
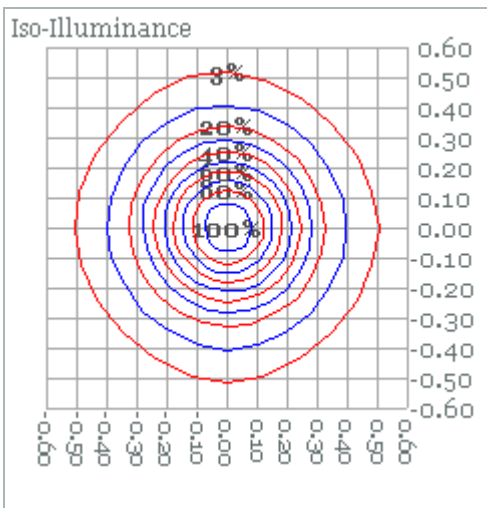
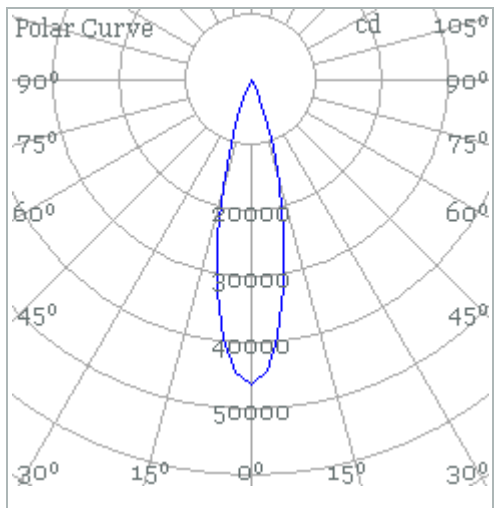
Narrow (All LEDs on. Narrow Diffuser) (11.5°)

m.	Ø 50%	11.5°	E (lux)	Efficacy
5	1.0		7840	37.6 lumens per watt
10	2.0		1960	Half-peak diameter
20	4.0		490	0.20 X distance(m)
30	6.0		218	Illuminance
50	10.1		78	196000 / distance² (lux)
				Total Output
				9300 (lumens)




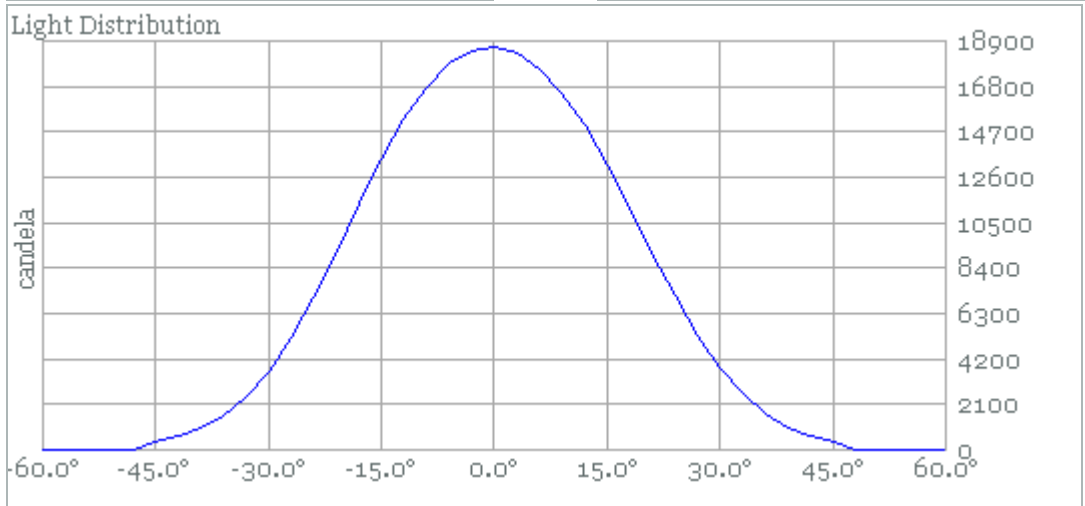
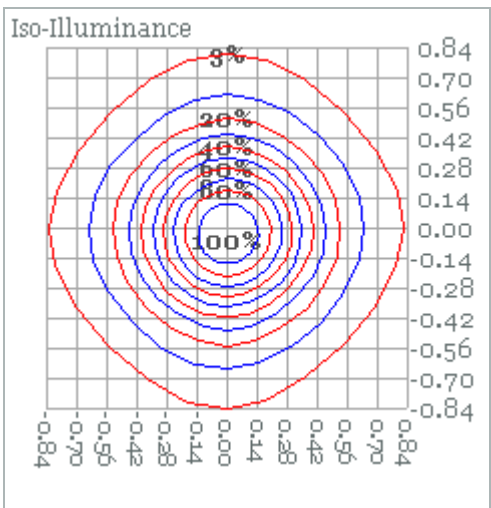
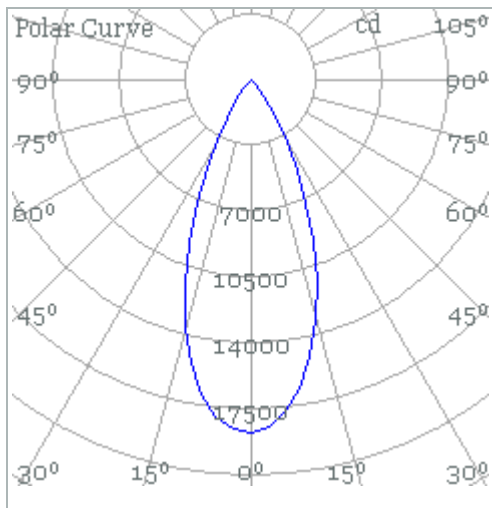
Medium (All LEDs on. Medium Diffuser) (25°)

m.	Ø 50%	25°	E (lux)	Efficacy
5	2.2		1840	38.8 lumens per watt
10	4.4		460	Half-peak diameter
20	8.9		115	0.44 X distance(m)
30	13.3		51	Illuminance
50	22.2		18	46000 / distance ² (lux)
				Total Output
				9500 (lumens)

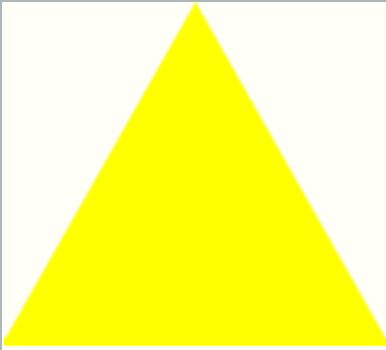


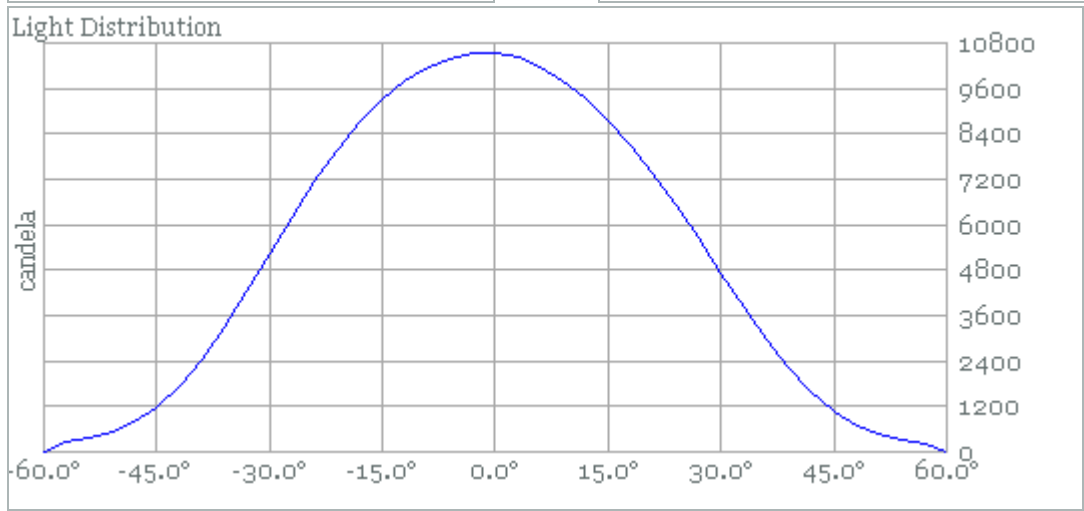
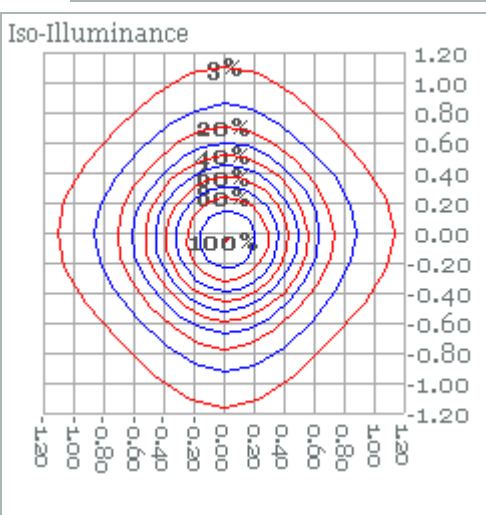
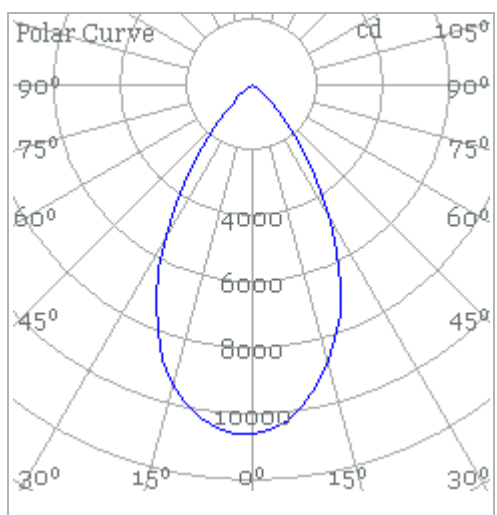
Wide (All LEDs on. Wide Diffuser) (41°)

m.	Ø 50%	41°	E (lux)	Efficacy
5	3.7		760	39.8 lumens per watt
10	7.5		190	Half-peak diameter
20	15.0		48	0.75 X distance(m)
30	22.4		21	Illuminance
50	37.4		8	19000 / distance ² (lux)
				Total Output
				9800 (lumens)

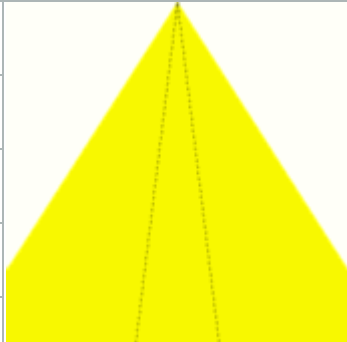


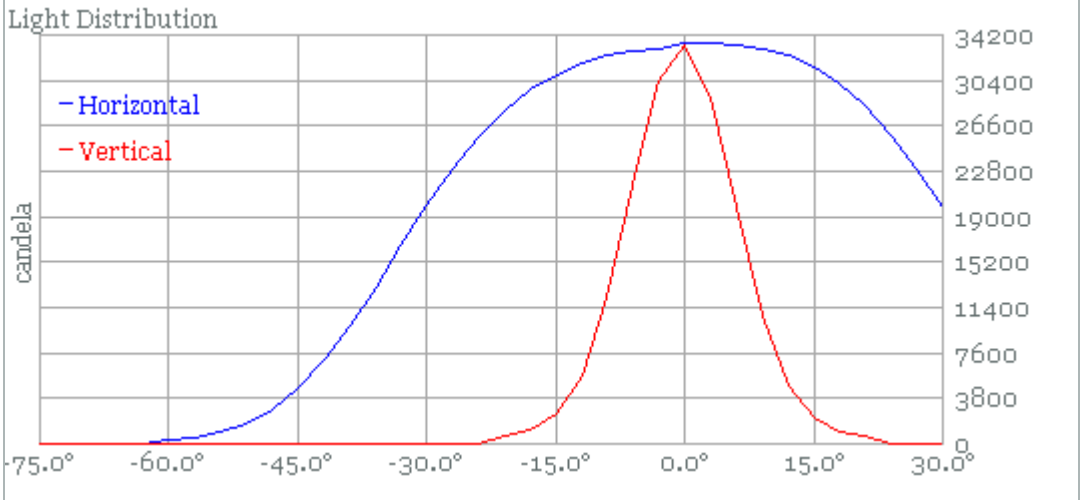
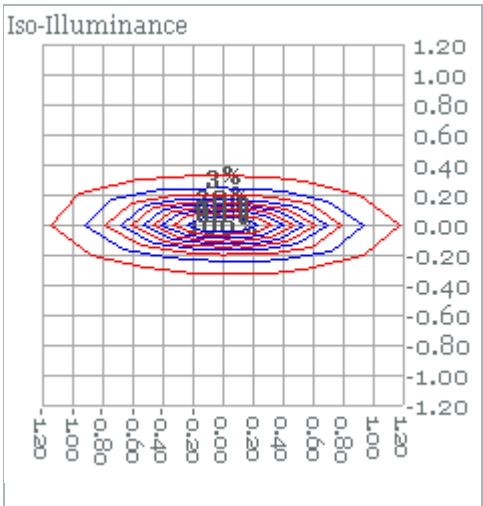
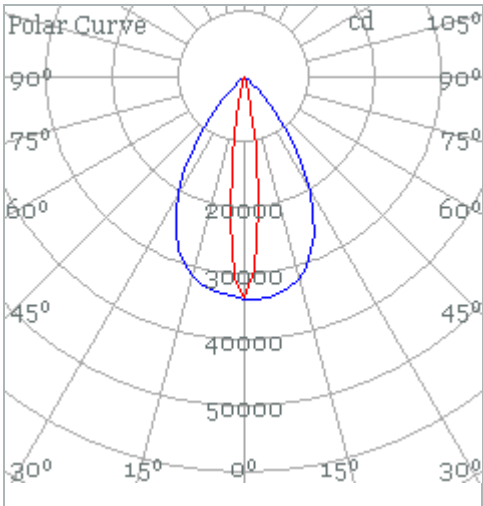
Very Wide (All LEDs on. Very Wide Diffuser) (59°)

m.	Ø 50%	59°	E (lux)	Efficacy
5	5.7		440	41.1 lumens per watt
10	11.3		110	Half-peak diameter
20	22.6		28	1.13 X distance(m)
30	33.9		12	Illuminance
50	56.6		4	11000 / distance ² (lux)
				Total Output
				10100 (lumens)




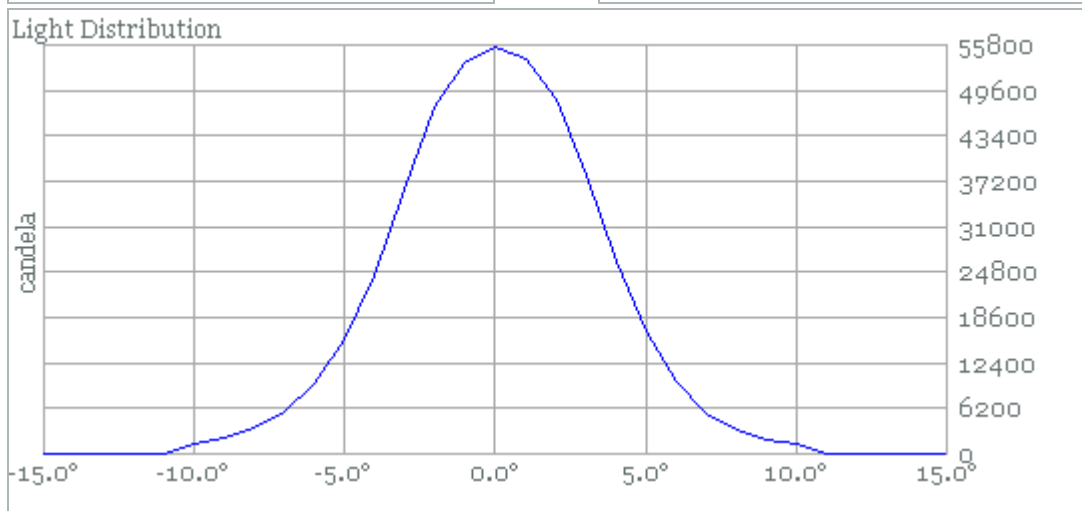
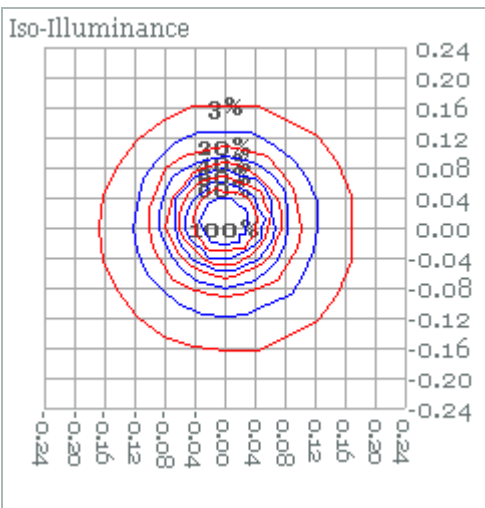
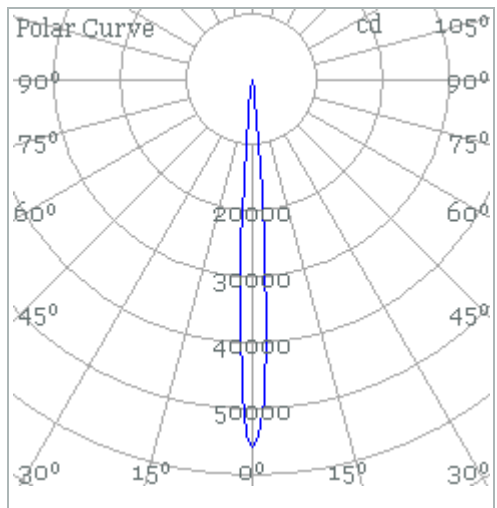
Standard with ellipsoidal beamshaper (All LEDs on. Asymmetric Diffuser) (65° X 14.5°)

m.	Ø 50%		65° 14.5°	E (lux)	Efficacy
	C ₀	C ₉₀			41.8 lumens per watt
5	6.4	1.3		1360	Half-peak diameter C ₀
10	12.7	2.5		340	1.27 X distance(m)
20	25.5	5.1		85	Half-peak diameter C ₉₀
30	38.2	7.6		38	0.25 X distance(m)
50	63.7	12.7		14	Illuminance
					34000 / distance ² (lux)
					Total Output
					10200 (lumens)




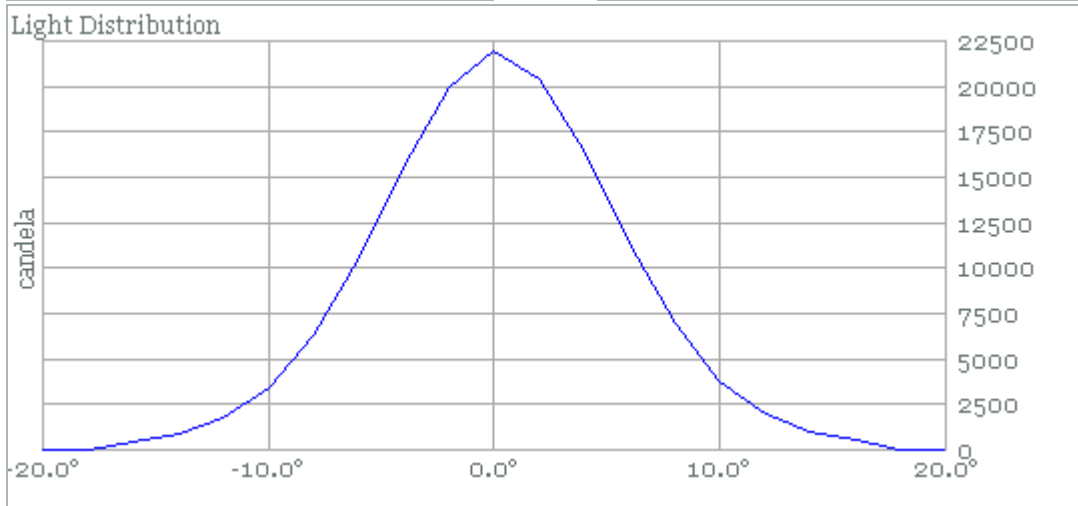
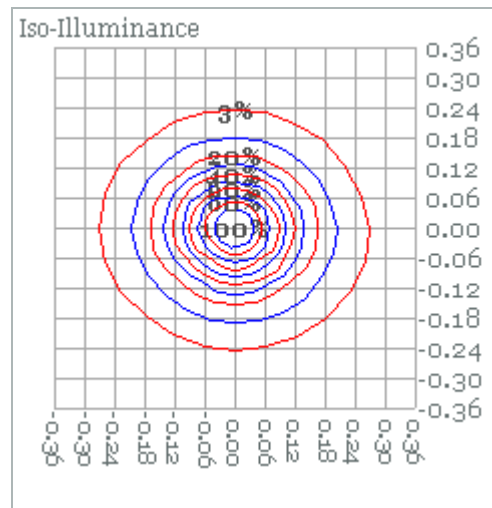
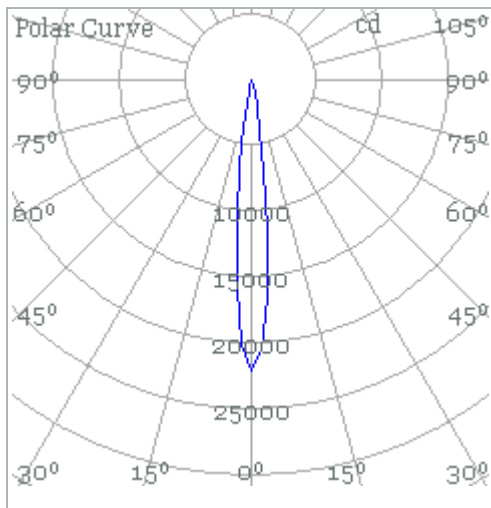
Standard (Only Red LEDs on. No Diffuser) (7.5°)

m.	Ø 50%	7.5°	E (lux)	Efficacy
5	0.7		2240	22.4 lumens per watt
10	1.3		560	Half-peak diameter
20	2.6		140	0.13 X distance(m)
30	3.9		62	Illuminance
50	6.6		22	56000 / distance ² (lux)
				Total Output
				1100 (lumens)

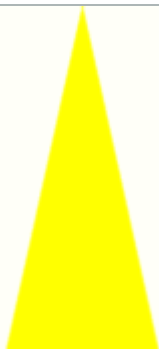


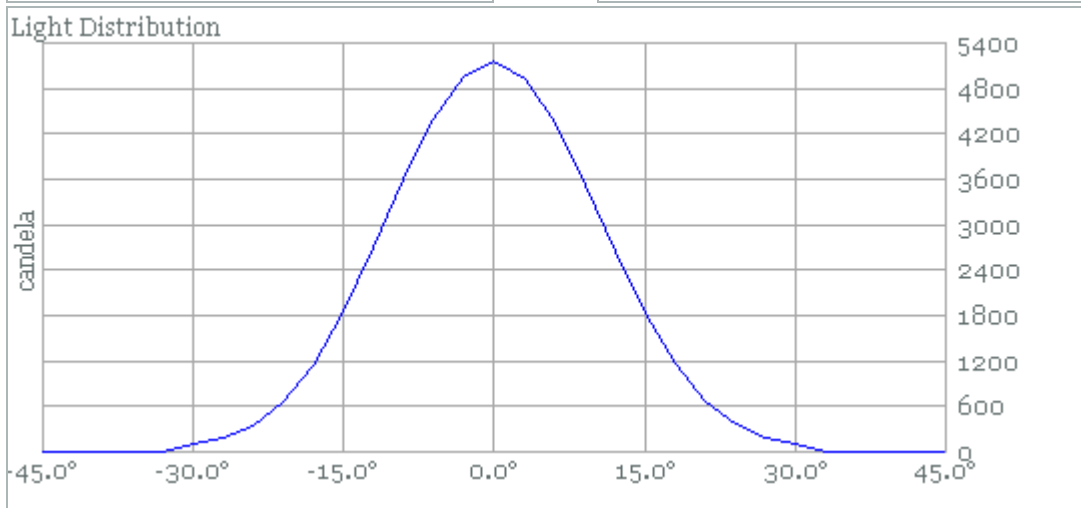
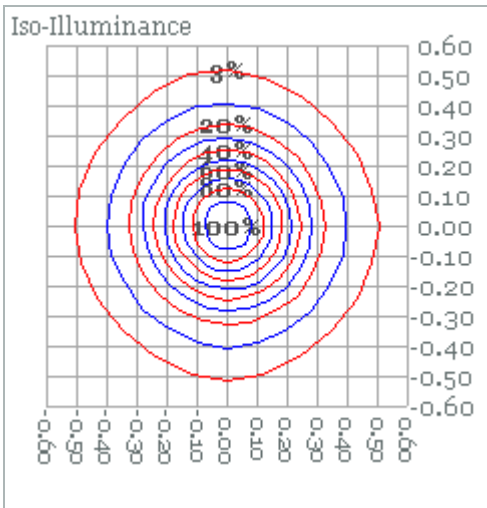
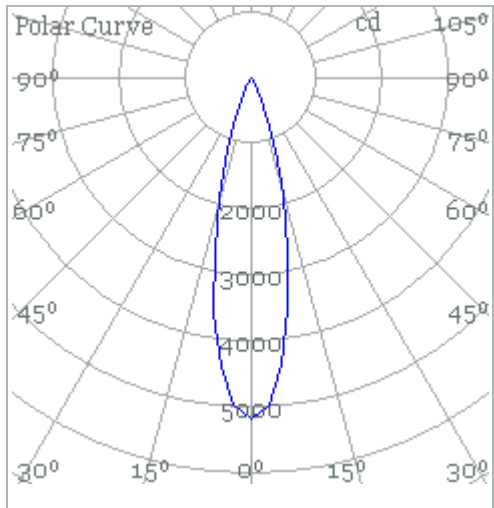
Narrow (Only Red LEDs on. Narrow Diffuser) (11.5°)

m.	Ø 50%	11.5°	E (lux)	Efficacy
5	1.0		880	20.2 lumens per watt
10	2.0		220	Half-peak diameter
20	4.0		55	0.20 X distance(m)
30	6.0		24	Illuminance
50	10.1		9	22000 / distance ² (lux)
				Total Output
				1000 (lumens)




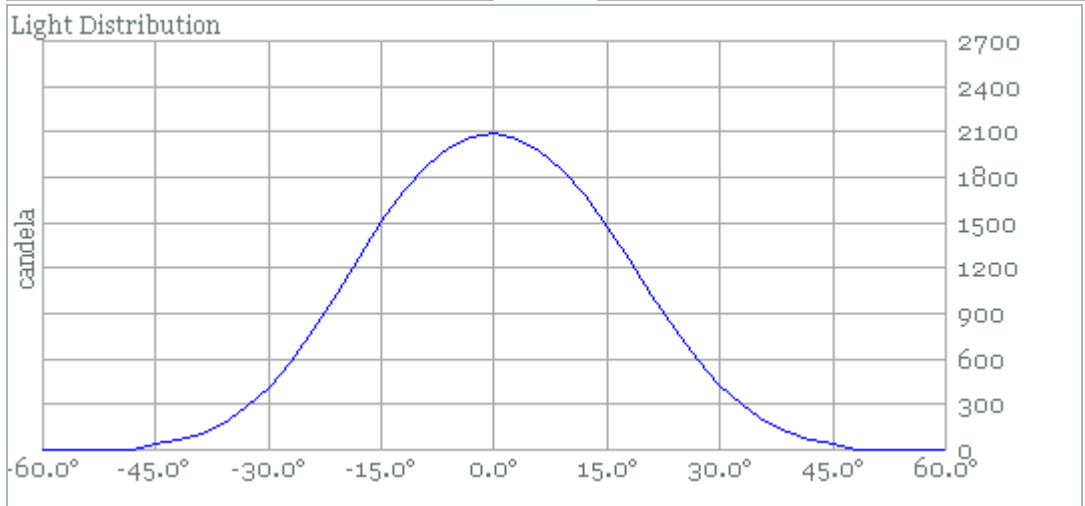
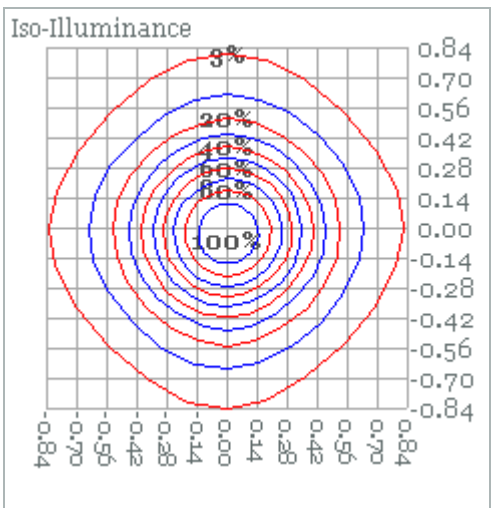
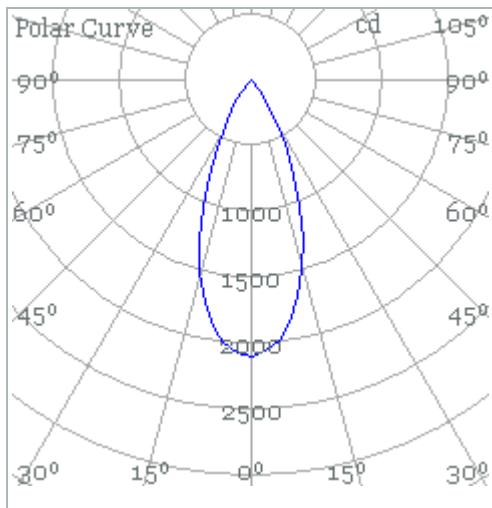
Medium (Only Red LEDs on. Medium Diffuser) (25°)

m.	Ø 50%	25°	E (lux)	Efficacy
5	2.2		208	20.8 lumens per watt
10	4.4		52	Half-peak diameter
20	8.9		13	0.44 X distance(m)
30	13.3		6	Illuminance
50	22.2		2	5200 / distance ² (lux)
				Total Output
				1100 (lumens)

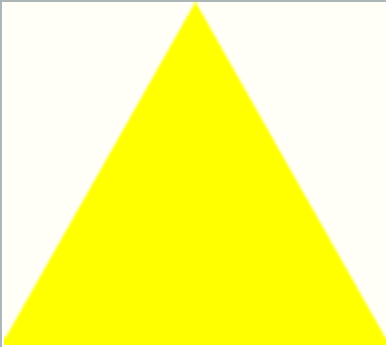


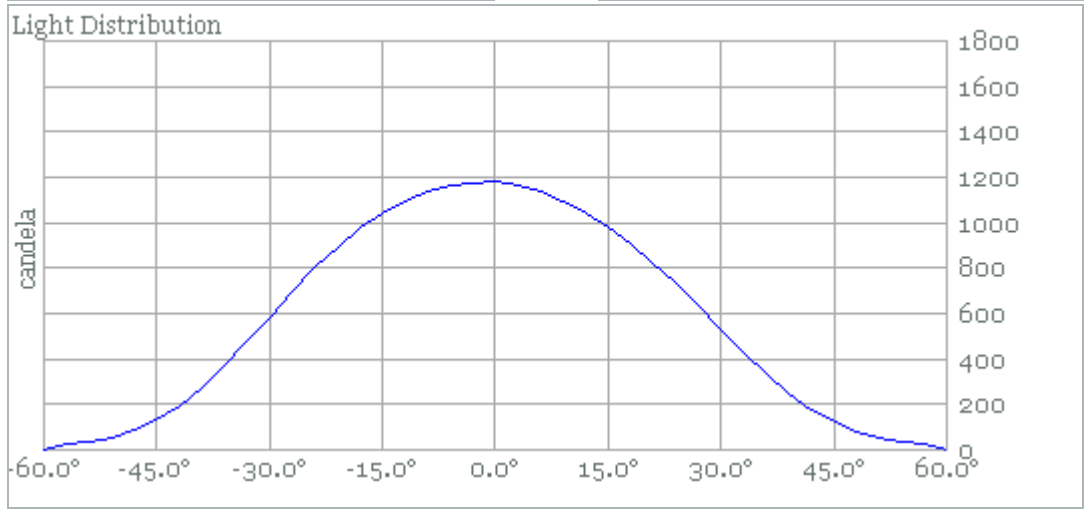
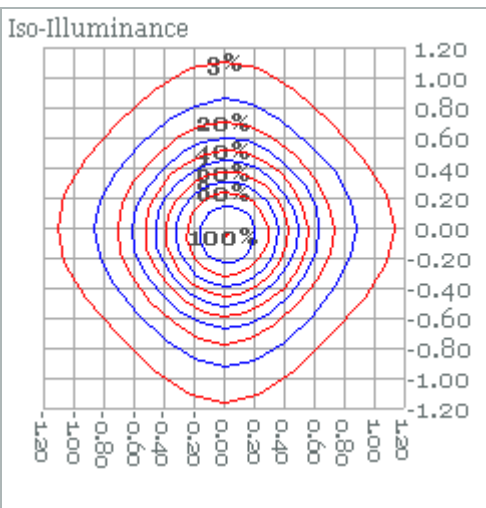
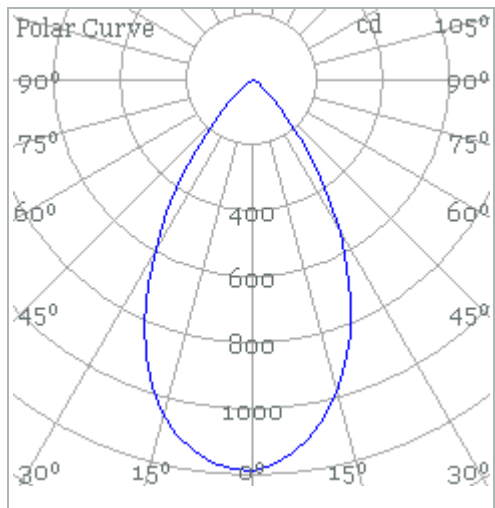
Wide (Only Red LEDs on. Wide Diffuser) (41°)

m.	Ø 50%	41°	E (lux)	Efficacy
5	3.7		84	21.3 lumens per watt
10	7.5		21	Half-peak diameter
20	15.0		5	0.75 X distance(m)
30	22.4		2	Illuminance
50	37.4		1	2100 / distance ² (lux)
				Total Output
				1100 (lumens)

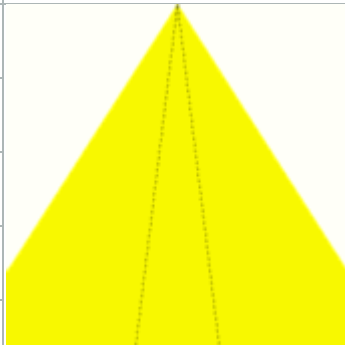


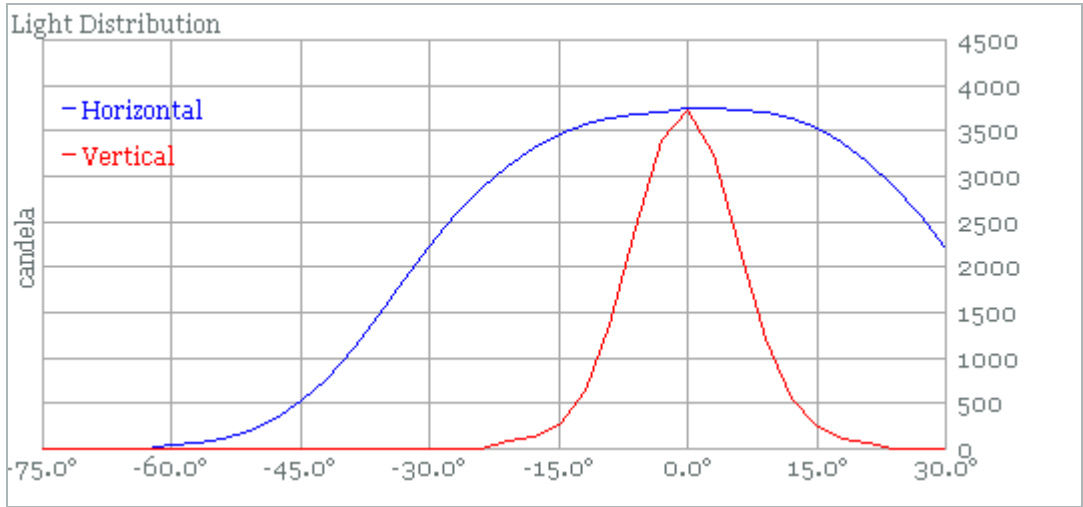
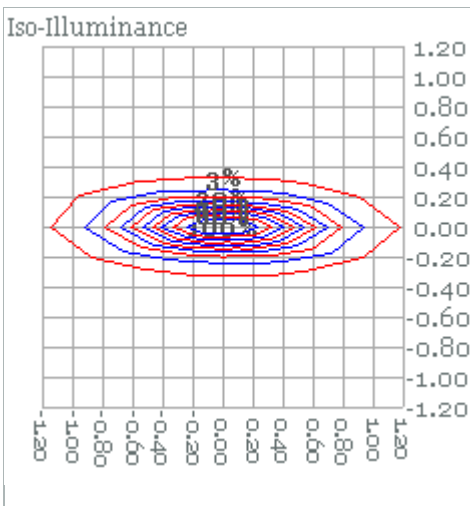
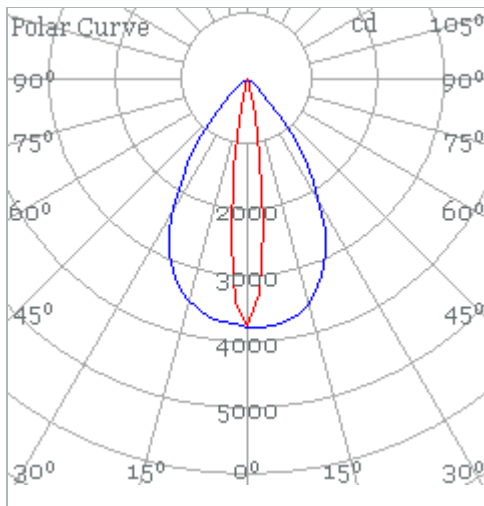
Very Wide (Only Red LEDs on. Very Wide Diffuser) (59°)

m.	Ø 50%	59°	E (lux)	Efficacy
5	5.7		48	22 lumens per watt
10	11.3		12	Half-peak diameter
20	22.6		3	1.13 X distance(m)
30	33.9		1	Illuminance
50	56.6		0	1200 / distance ² (lux)
				Total Output
				1100 (lumens)




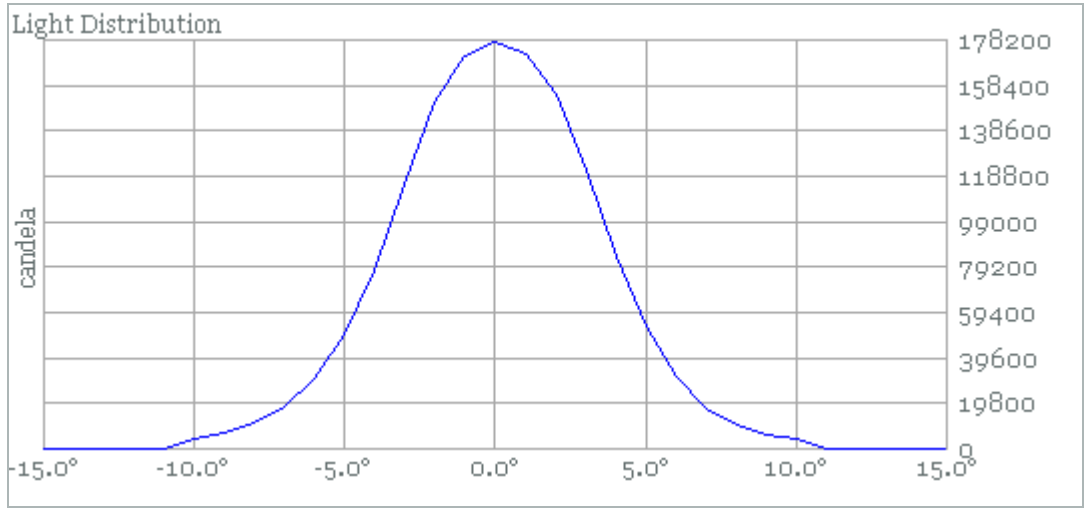
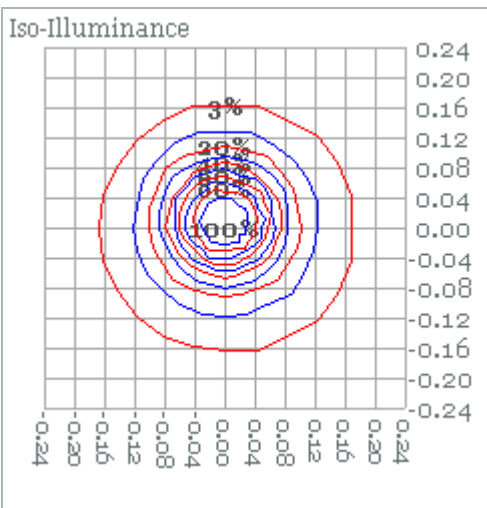
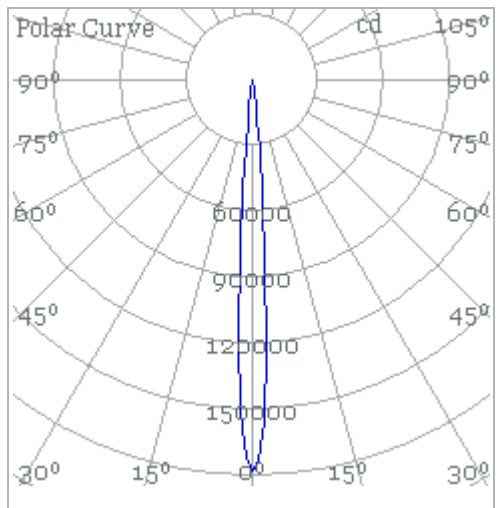
Standard with ellipsoidal beamshaper (Only Red LEDs on. Asymmetric Diffuser) (65° X 14.5°)

m.	Ø 50%		65° 14.5°	E (lux)	Efficacy
	C ₀	C ₉₀			22.4 lumens per watt
5	6.4	1.3		152	Half-peak diameter C ₀
10	12.7	2.5		38	1.27 X distance(m)
20	25.5	5.1		10	Half-peak diameter C ₉₀
30	38.2	7.6		4	0.25 X distance(m)
50	63.7	12.7		2	Illuminance
				3800 / distance ² (lux)	
					Total Output
					1100 (lumens)




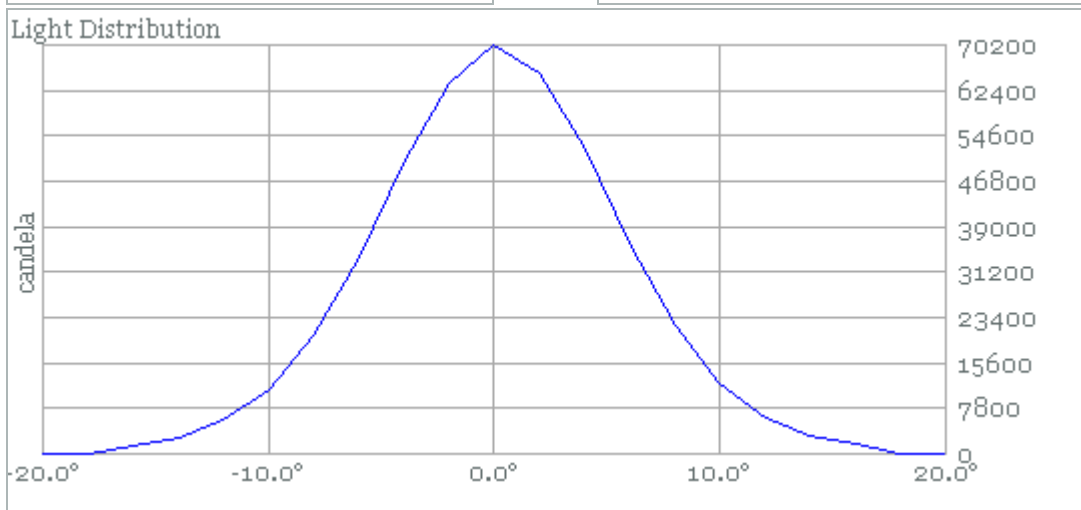
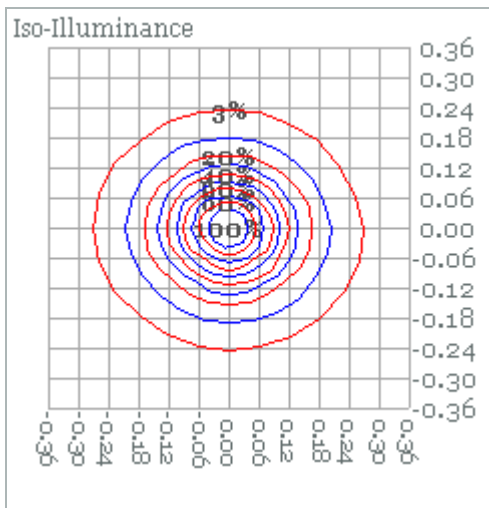
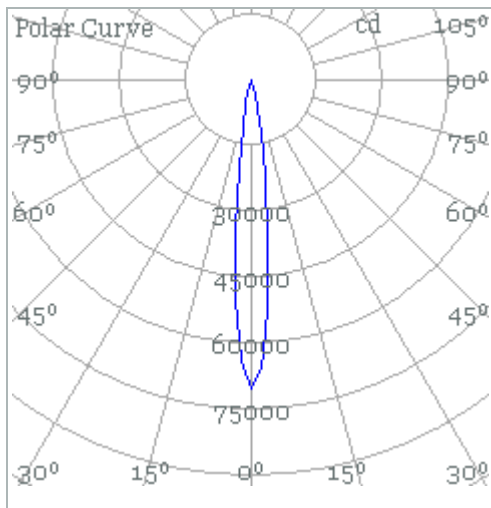
Standard (Only Green LEDs on. No Diffuser) (7.5°)

m.	Ø 50%	7.5°	E (lux)	Efficacy
5	0.7		7120	47.4 lumens per watt
10	1.3		1780	Half-peak diameter
20	2.6		445	0.13 X distance(m)
30	3.9		198	Illuminance
50	6.6		71	178000 / distance² (lux)
				Total Output
				3700 (lumens)

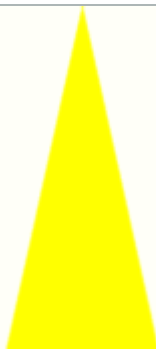


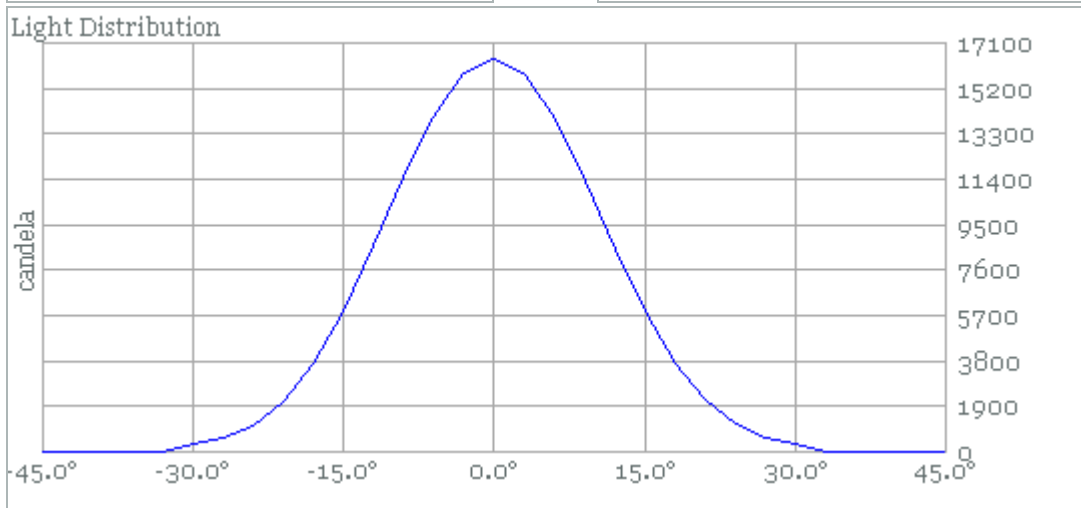
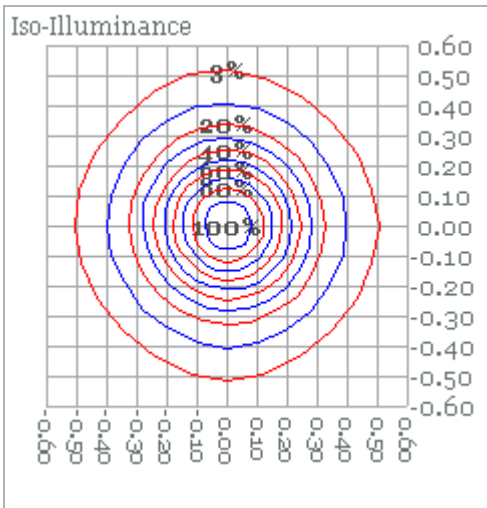
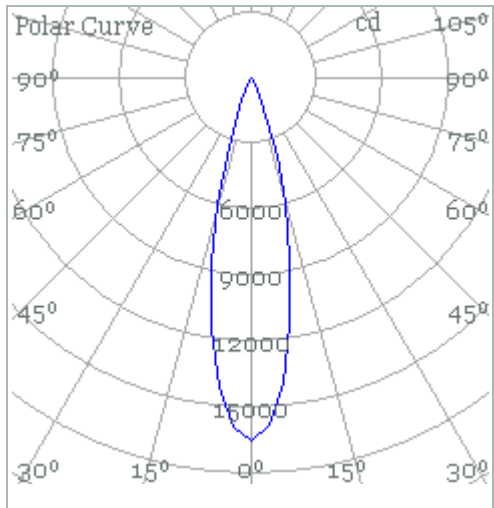
Narrow (Only Green LEDs on. Narrow Diffuser) (11.5°)

m.	Ø 50%	11.5°	E (lux)	Efficacy
				42.7 lumens per watt
5	1.0		2800	Half-peak diameter
10	2.0		700	0.20 X distance(m)
20	4.0		175	Illuminance
30	6.0		78	70000 / distance ² (lux)
50	10.1		28	Total Output
				3300 (lumens)




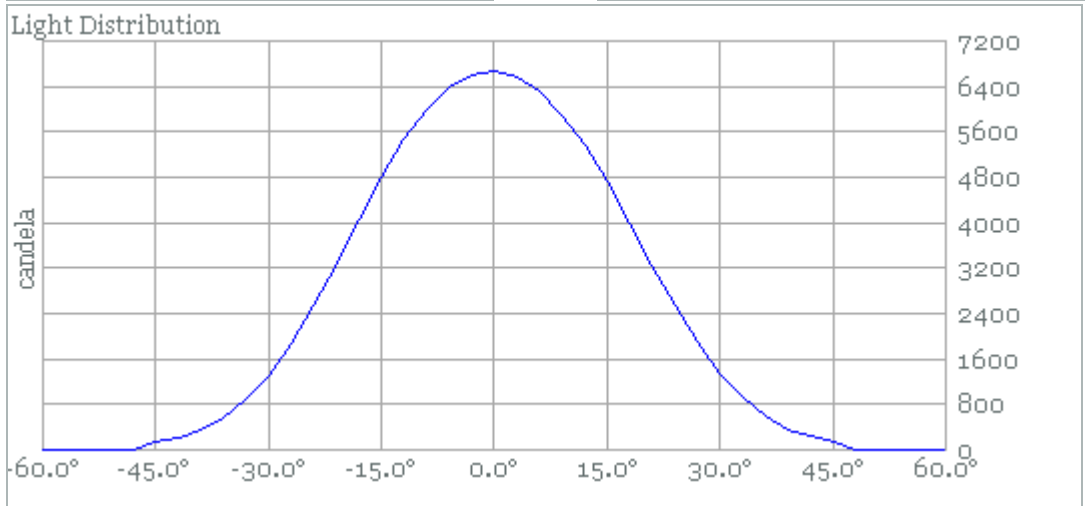
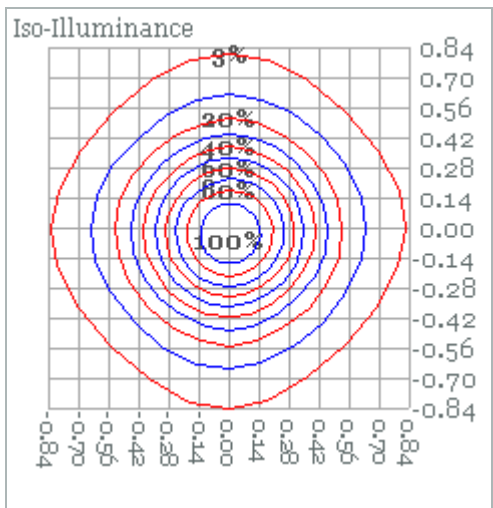
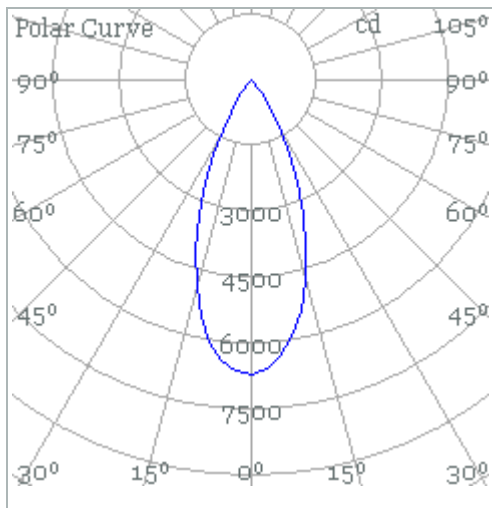
Medium (Only Green LEDs on. Medium Diffuser) (25°)

m.	Ø 50%	25°	E (lux)	Efficacy
5	2.2		640	43.9 lumens per watt
10	4.4		160	Half-peak diameter
20	8.9		40	0.44 X distance(m)
30	13.3		18	Illuminance
50	22.2		6	16000 / distance ² (lux)
				Total Output
				3400 (lumens)

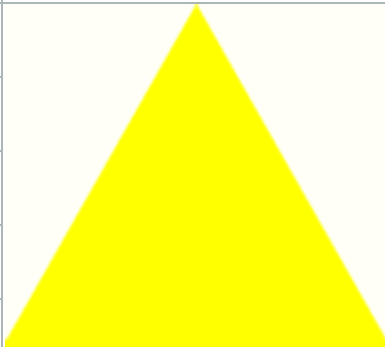


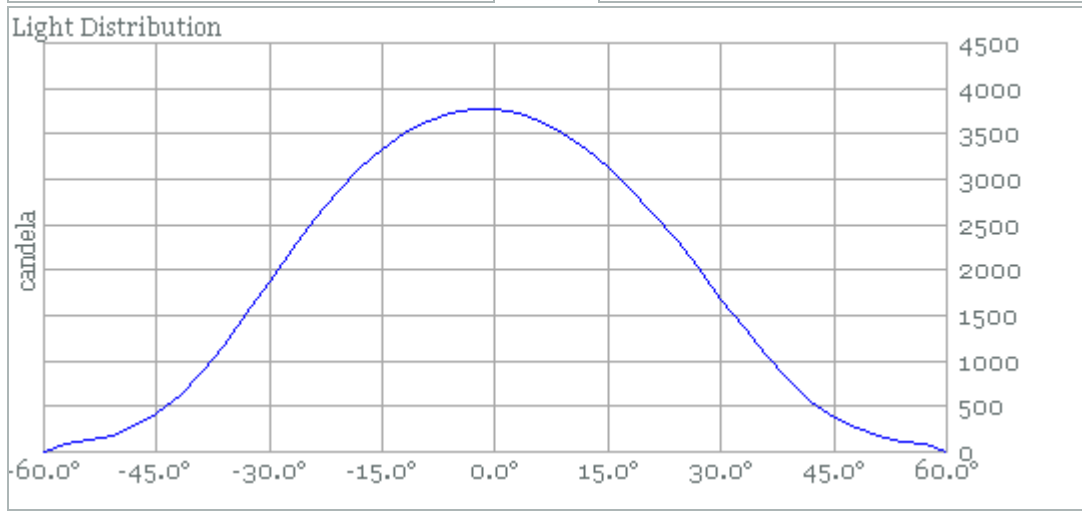
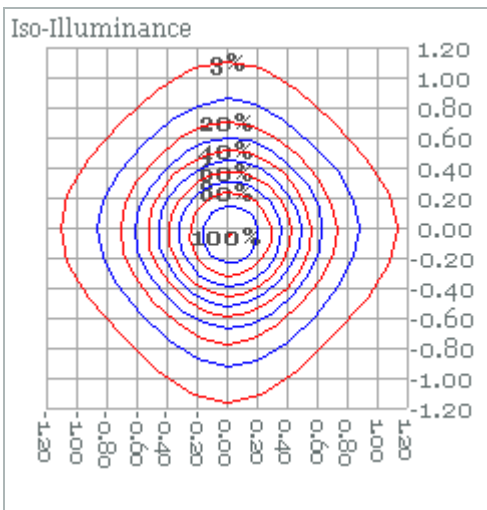
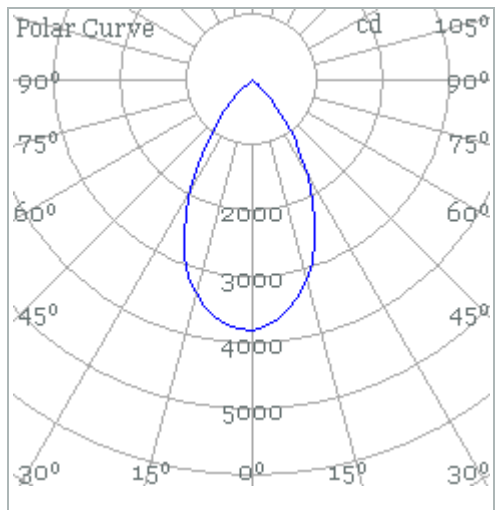
Wide (Only Green LEDs on. Wide Diffuser) (41°)

m.	Ø 50%		E (lux)	Efficacy
5	3.7		268	45 lumens per watt
10	7.5		67	Half-peak diameter
20	15.0		17	0.75 X distance(m)
30	22.4		7	Illuminance
50	37.4		3	6700 / distance ² (lux)
				Total Output
				3500 (lumens)

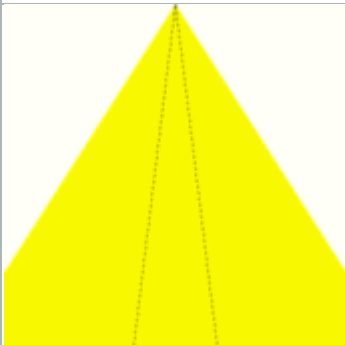


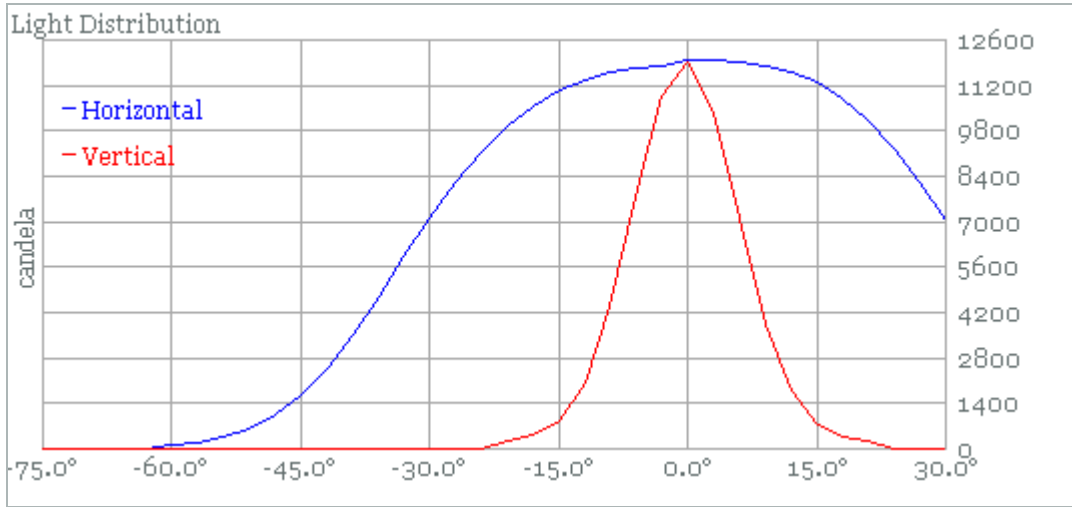
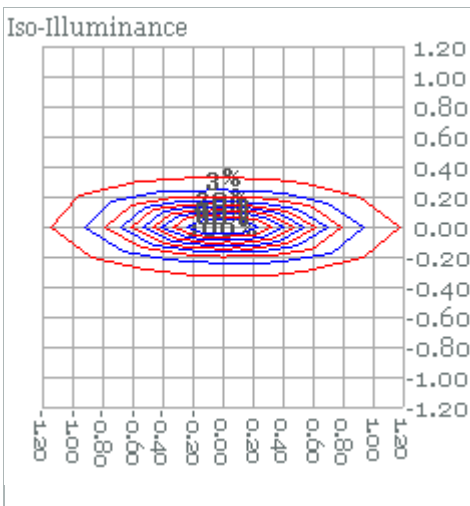
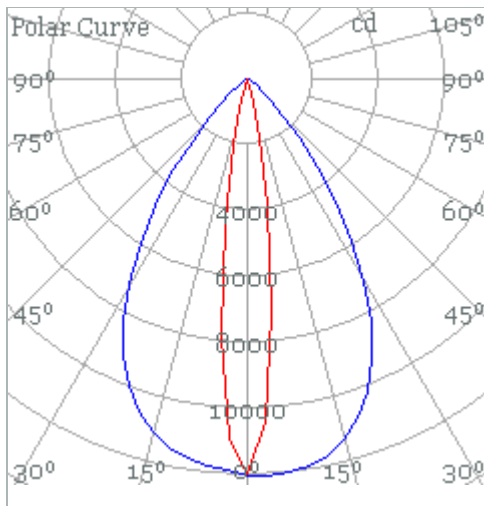
Very Wide (Only Green LEDs on. Very Wide Diffuser) (59°)

m.	Ø 50%	59°	E (lux)	Efficacy
5	5.7		152	46.4 lumens per watt
10	11.3		38	Half-peak diameter
20	22.6		10	1.13 X distance(m)
30	33.9		4	Illuminance
50	56.6		2	3800 / distance ² (lux)
				Total Output
				3600 (lumens)




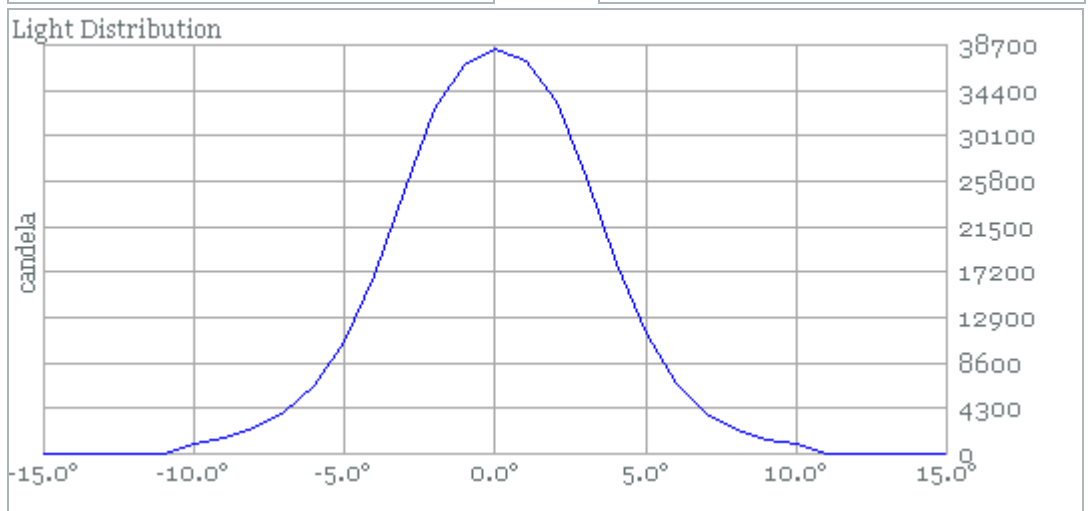
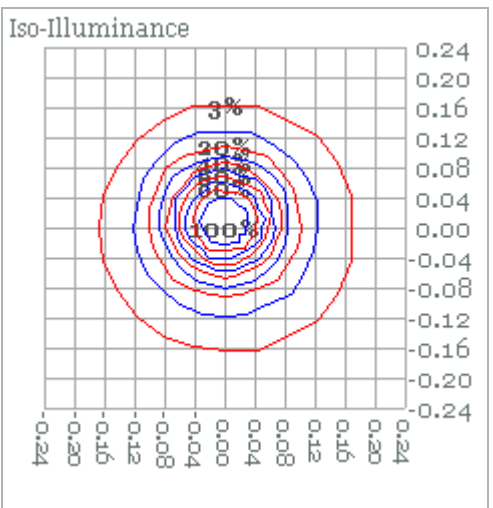
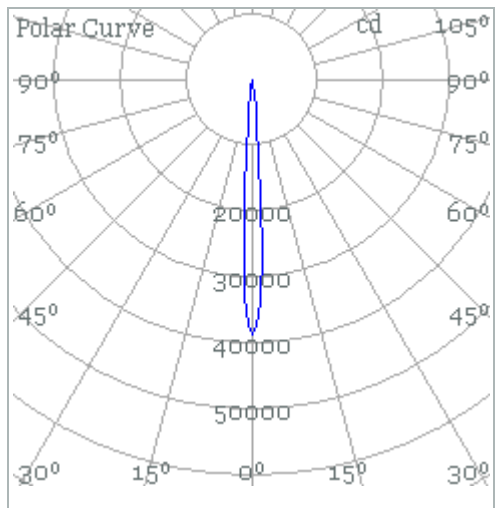
Standard with ellipsoidal beamshaper (Only Green LEDs on. Asymmetric Diffuser) (65° X 14.5°)

m.	Ø 50%		65° 14.5°	E (lux)	Efficacy
	C ₀	C ₉₀			47.3 lumens per watt
5	6.4	1.3		480	Half-peak diameter C ₀
10	12.7	2.5		120	1.27 X distance(m)
20	25.5	5.1		30	Half-peak diameter C ₉₀
30	38.2	7.6		13	0.25 X distance(m)
50	63.7	12.7		5	Illuminance
				12000 / distance ² (lux)	
					Total Output
					3700 (lumens)




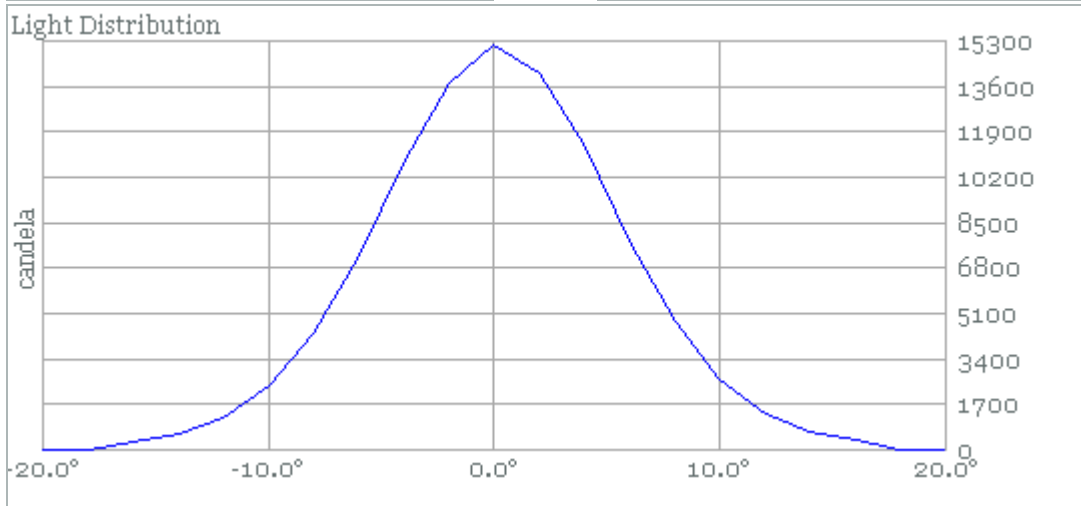
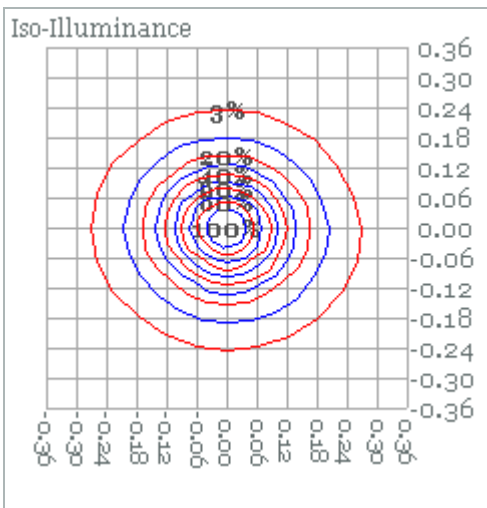
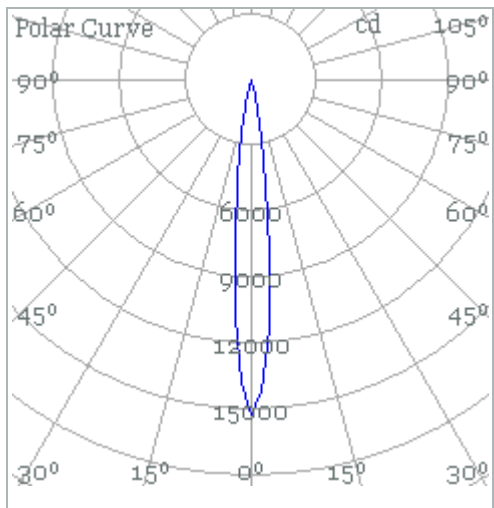
Standard (Only Blue LEDs on. No Diffuser) (7.5°)

m.	∅ 50%	7.5°	E (lux)	Efficacy
5	0.7		1520	10.9 lumens per watt
10	1.3		380	Half-peak diameter
20	2.6		95	0.13 X distance(m)
30	3.9		42	Illuminance
50	6.6		15	38000 / distance ² (lux)
				Total Output
				790 (lumens)

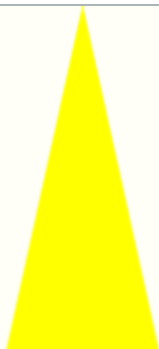


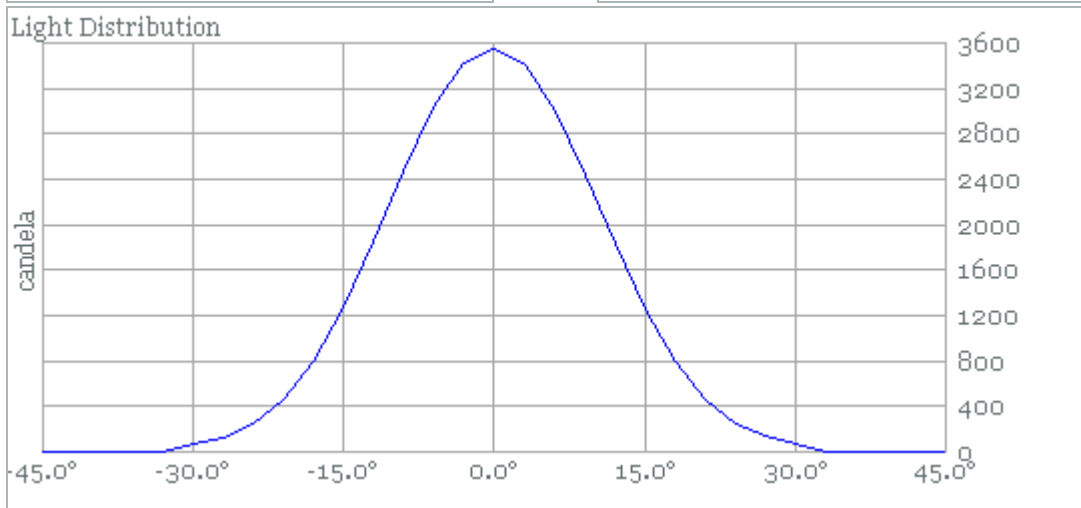
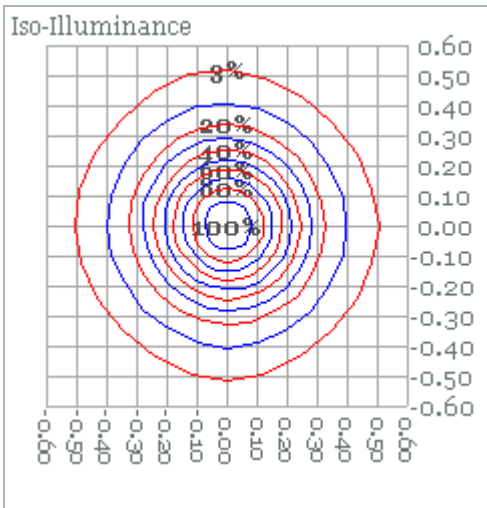
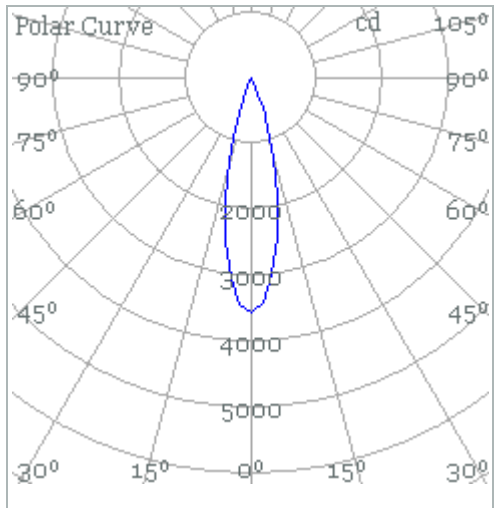
Narrow (Only Blue LEDs on. Narrow Diffuser) (11.5°)

m.	Ø 50%	11.5°	E (lux)	Efficacy
5	1.0		600	9.9 lumens per watt
10	2.0		150	Half-peak diameter
20	4.0		38	0.20 X distance(m)
30	6.0		17	Illuminance
50	10.1		6	15000 / distance ² (lux)
				Total Output
				710 (lumens)




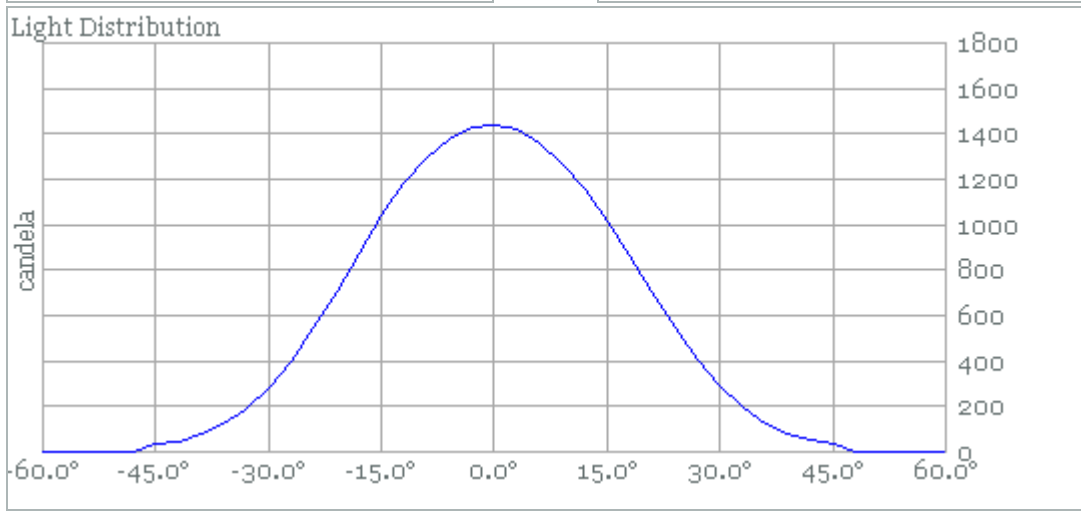
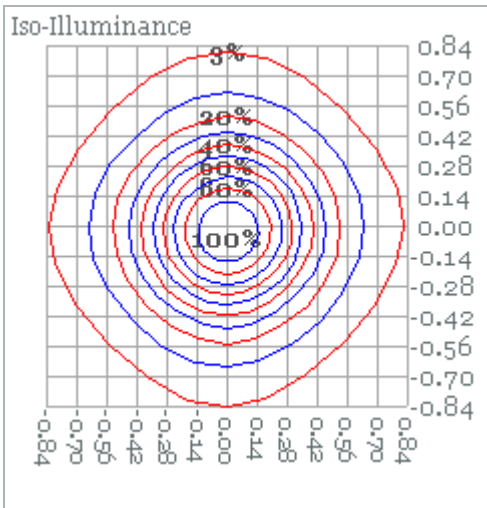
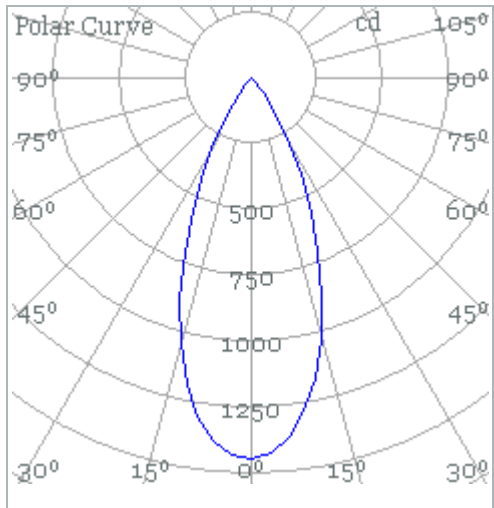
Medium (Only Blue LEDs on. Medium Diffuser) (25°)

m.	Ø 50%	25°	E (lux)	Efficacy
5	2.2		144	10.2 lumens per watt
10	4.4		36	Half-peak diameter
20	8.9		9	0.44 X distance(m)
30	13.3		4	Illuminance
50	22.2		1	3600 / distance ² (lux)
				Total Output
				730 (lumens)

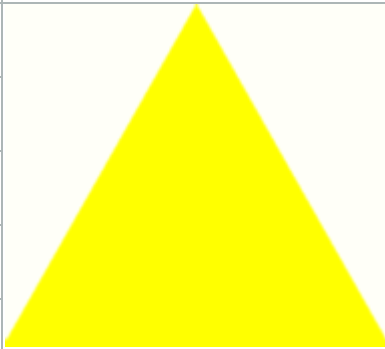


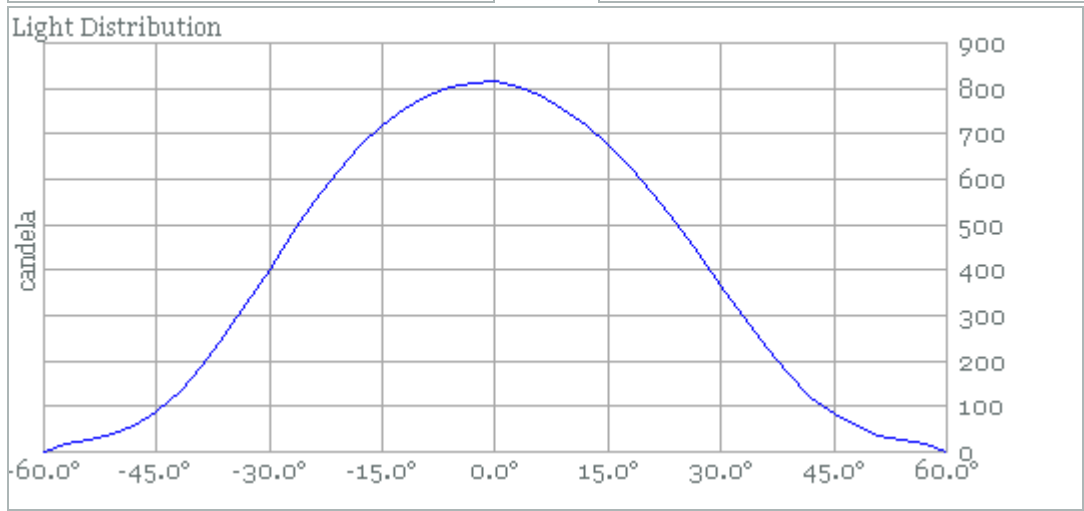
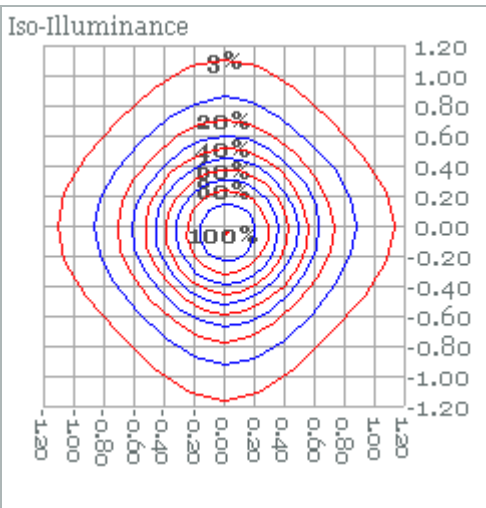
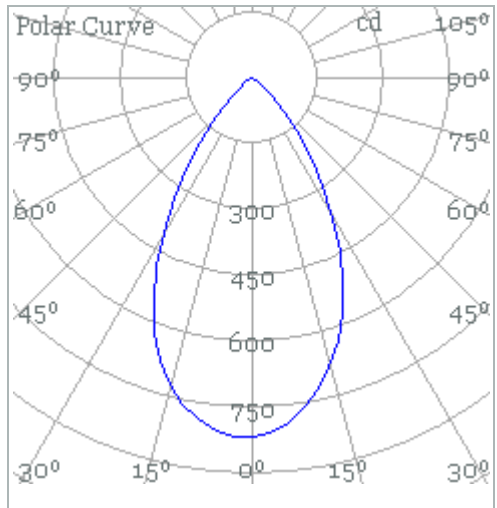
Wide (Only Blue LEDs on. Wide Diffuser) (41°)

m.	Ø 50%	41°	E (lux)	Efficacy
5	3.7		56	10.4 lumens per watt
10	7.5		14	Half-peak diameter
20	15.0		4	0.75 X distance(m)
30	22.4		2	Illuminance
50	37.4		1	1400 / distance ² (lux)
				Total Output
				750 (lumens)



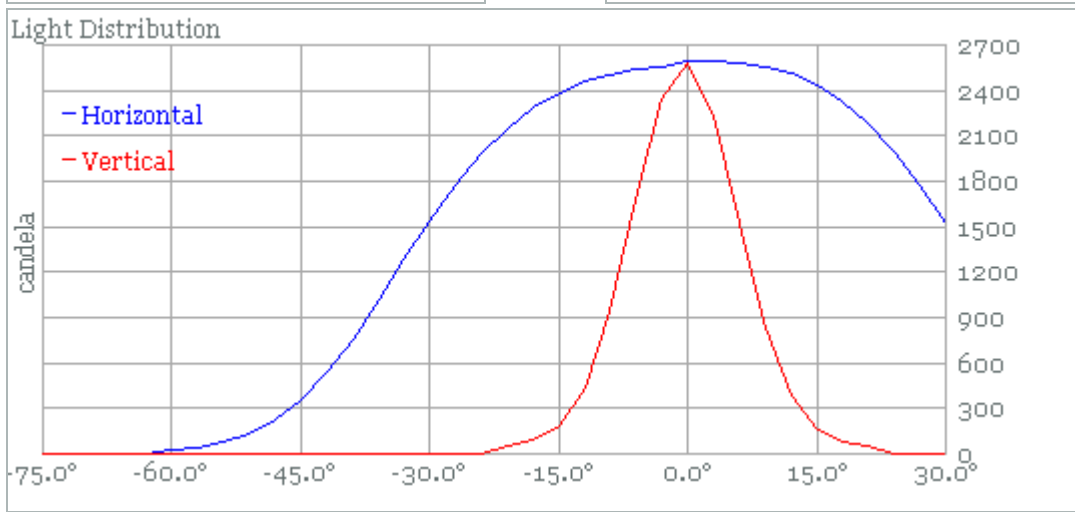
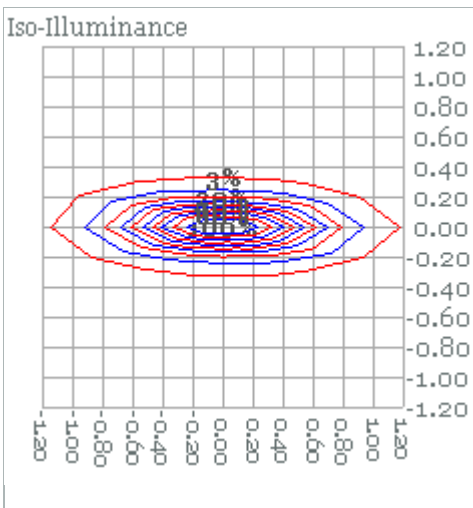
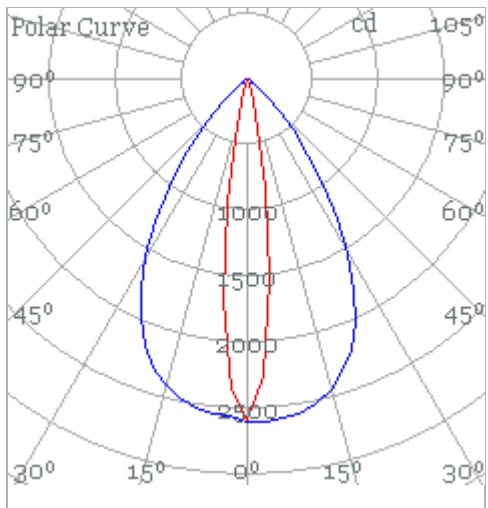
Very Wide (Only Blue LEDs on. Very Wide Diffuser) (59°)

m.	Ø 50%	59°	E (lux)	Efficacy
5	5.7		33	10.7 lumens per watt
10	11.3		8	Half-peak diameter
20	22.6		2	1.13 X distance(m)
30	33.9		1	Illuminance
50	56.6		0	820 / distance ² (lux)
				Total Output
				780 (lumens)




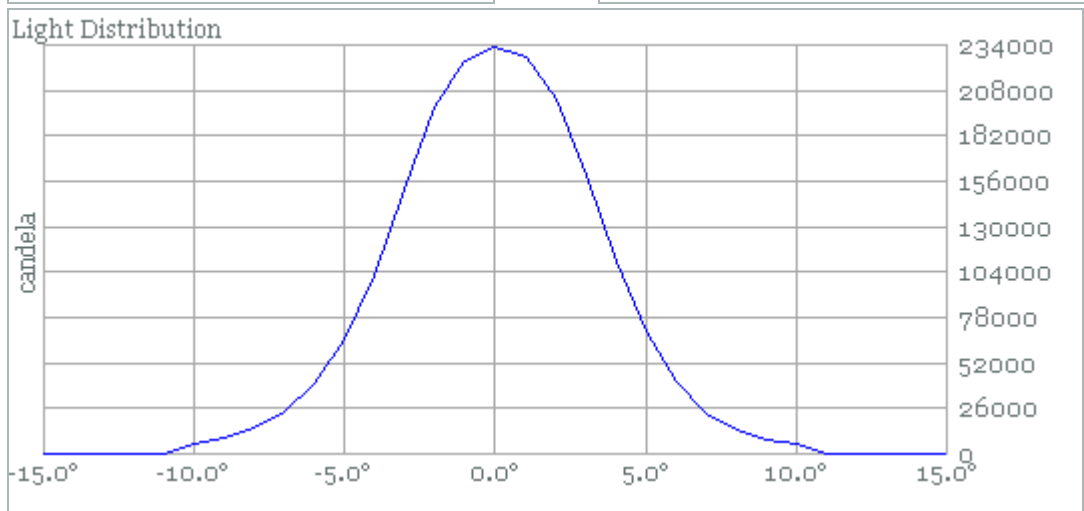
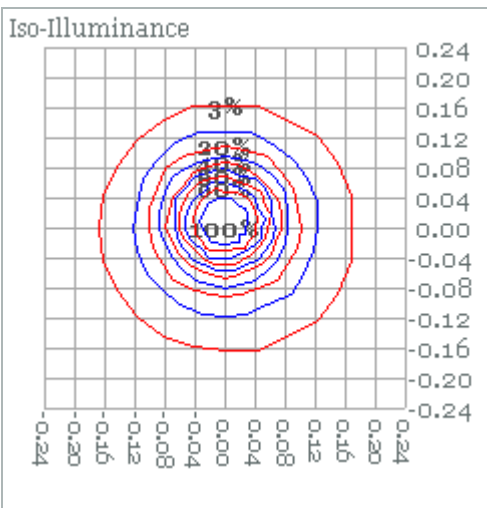
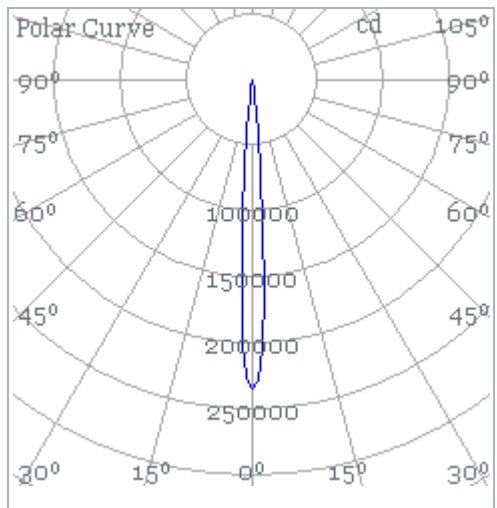
Standard with ellipsoidal beamshaper (Only Blue LEDs on. Asymmetric Diffuser) (65° X 14.5°)

m.	Ø 50%		65° 14.5°	E (lux)	Efficacy
	C ₀	C ₉₀			10.9 lumens per watt
5	6.4	1.3		104	Half-peak diameter C ₀
10	12.7	2.5		26	1.27 X distance(m)
20	25.5	5.1		7	Half-peak diameter C ₉₀
30	38.2	7.6		3	0.25 X distance(m)
50	63.7	12.7		1	Illuminance
					2600 / distance ² (lux)
					Total Output
					790 (lumens)




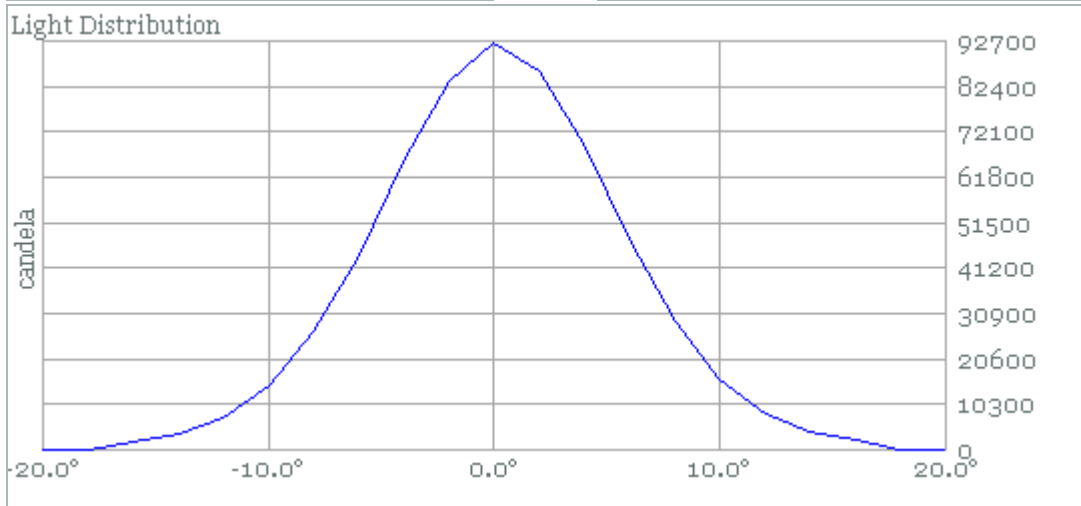
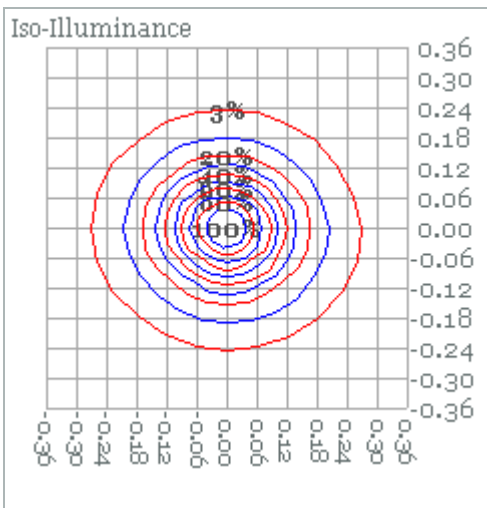
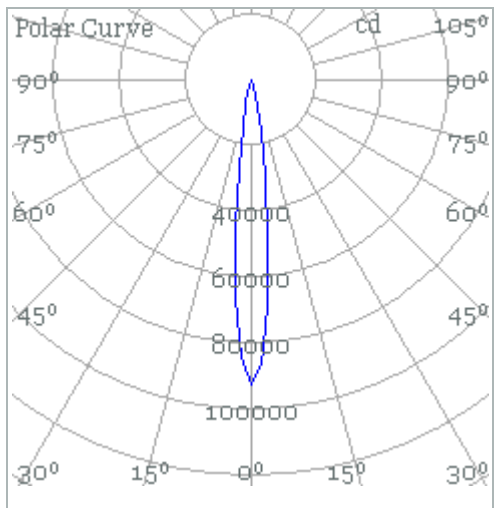
Standard (Only White LEDs on. No Diffuser) (7.5°)

m.	Ø 50%	7.5°	E (lux)	Efficacy
5	0.7		9320	64.8 lumens per watt
10	1.3		2330	Half-peak diameter
20	2.6		583	0.13 X distance(m)
30	3.9		259	Illuminance
50	6.6		93	233000 / distance² (lux)
				Total Output
				4800 (lumens)

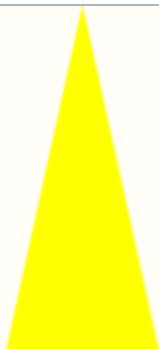


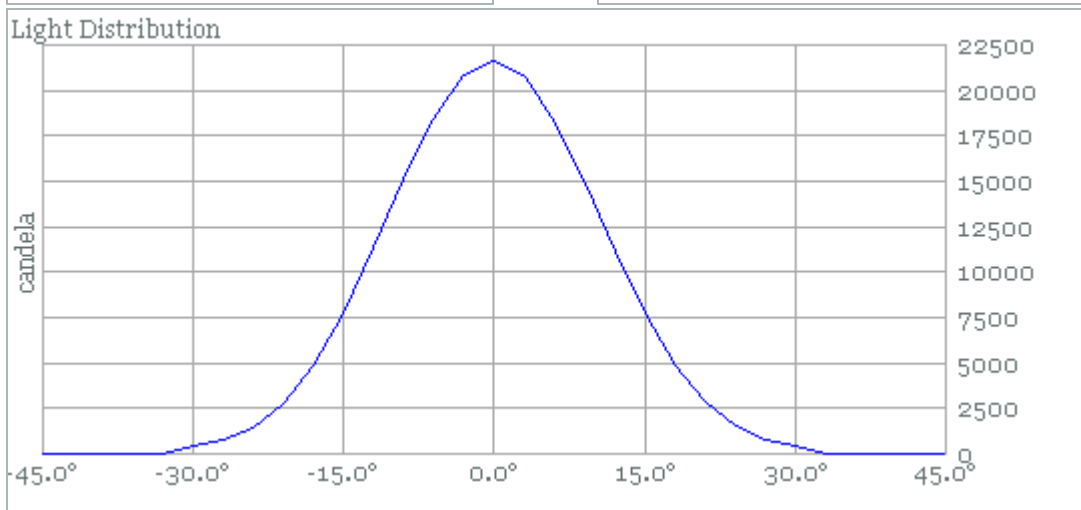
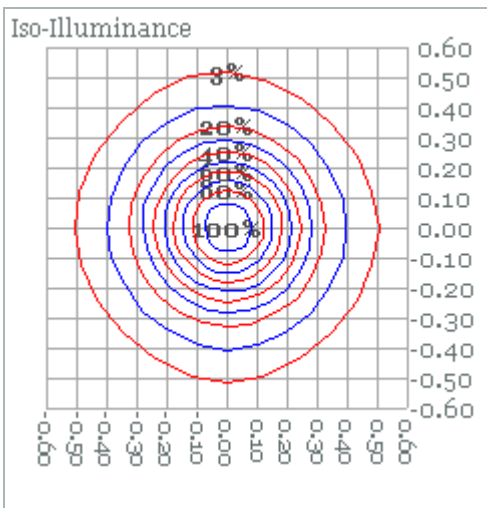
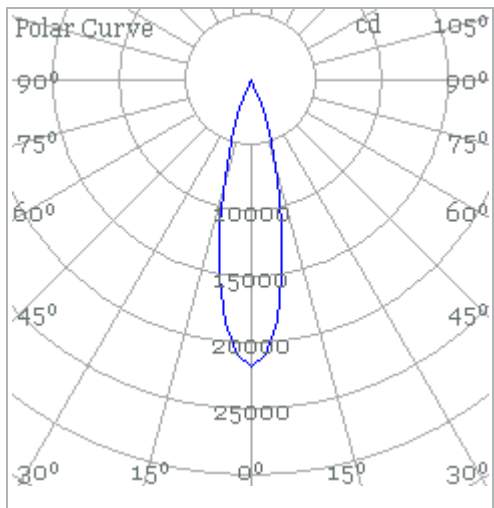
Narrow (Only White LEDs on. Narrow Diffuser) (11.5°)

m.	Ø 50%	11.5°	E (lux)	Efficacy
5	1.0		3680	58.4 lumens per watt
10	2.0		920	Half-peak diameter
20	4.0		230	0.20 X distance(m)
30	6.0		102	Illuminance
50	10.1		37	92000 / distance ² (lux)
				4400 (lumens)




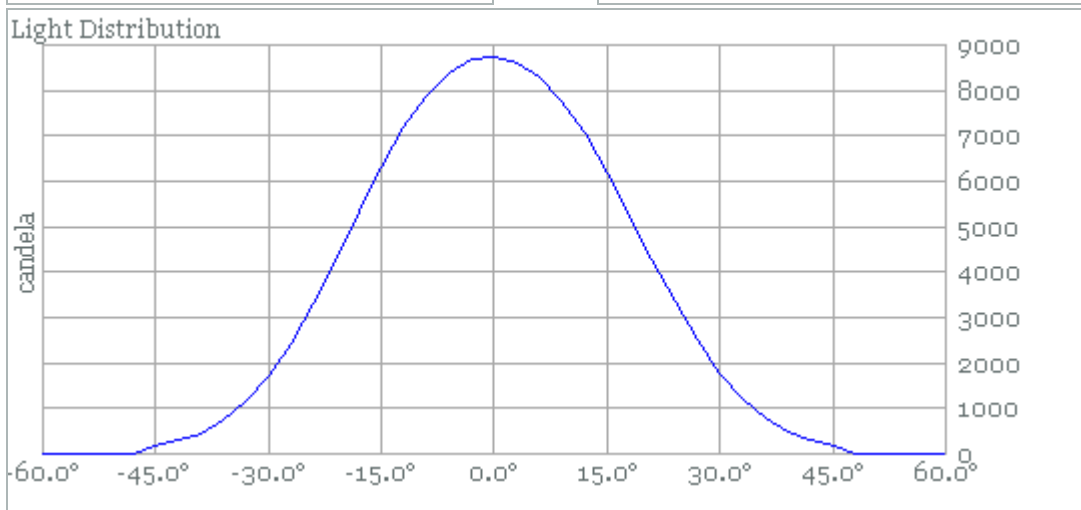
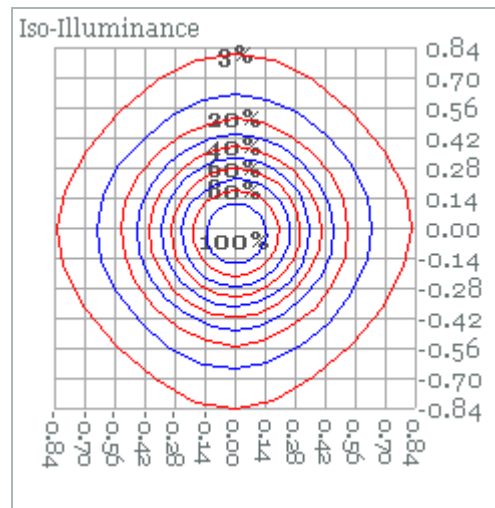
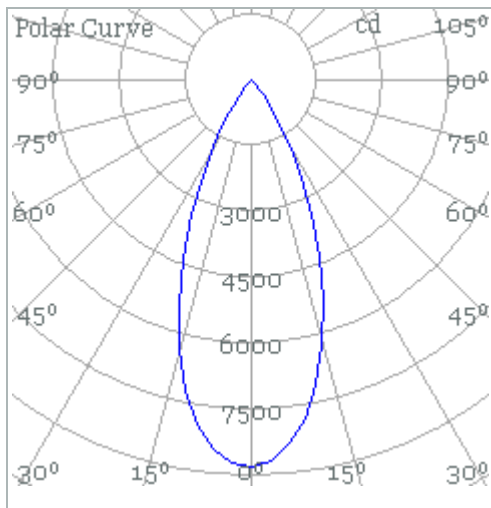
Medium (Only White LEDs on. Medium Diffuser) (25°)

m.	Ø 50%	25°	E (lux)	Efficacy
5	2.2		880	60 lumens per watt
10	4.4		220	Half-peak diameter
20	8.9		55	0.44 X distance(m)
30	13.3		24	Illuminance
50	22.2		9	22000 / distance ² (lux)
				Total Output
				4500 (lumens)

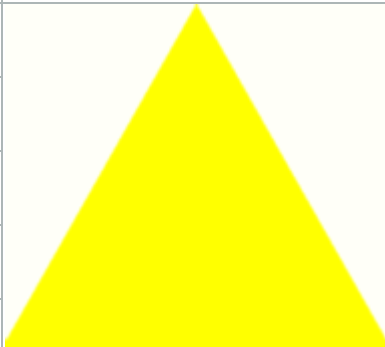


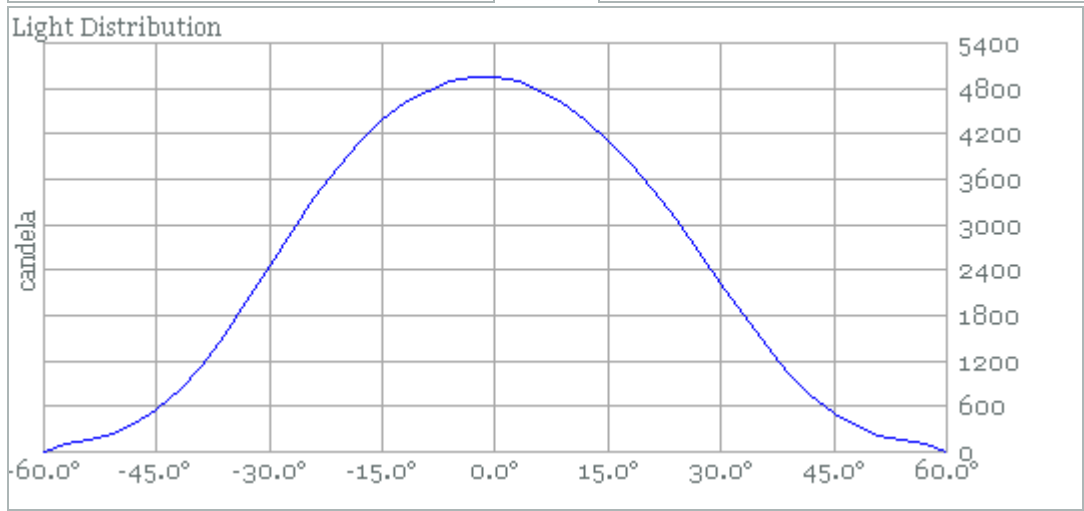
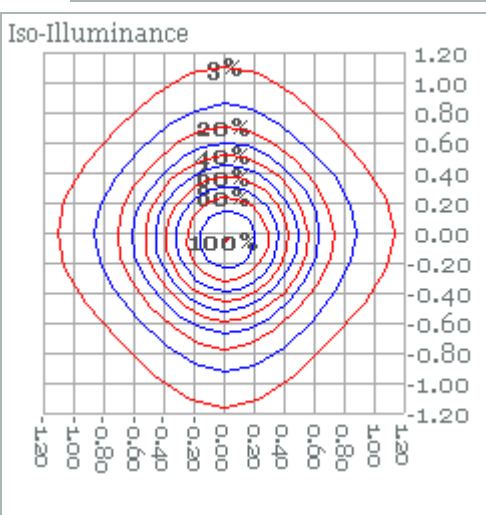
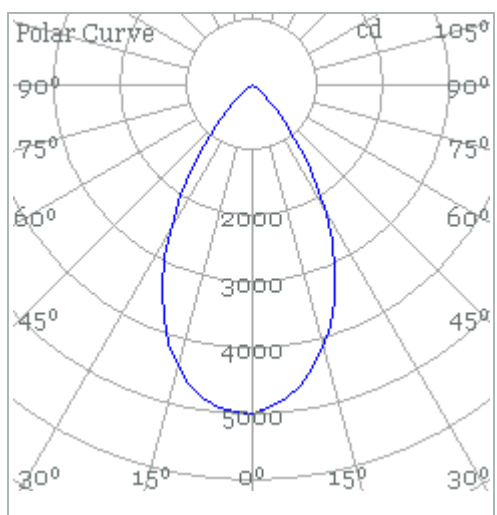
Wide (Only White LEDs on. Wide Diffuser) (41°)

m.	Ø 50%	41°	E (lux)	Efficacy
5	3.7		352	61.5 lumens per watt
10	7.5		88	Half-peak diameter
20	15.0		22	0.75 X distance(m)
30	22.4		10	Illuminance
50	37.4		4	8800 / distance ² (lux)
				Total Output
				4600 (lumens)

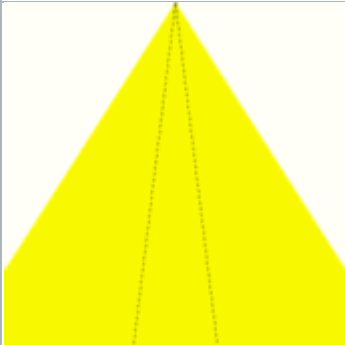


Very Wide (Only White LEDs on. Very Wide Diffuser) (59°)

m.	Ø 50%	59°	E (lux)	Efficacy
5	5.7		200	63.5 lumens per watt
10	11.3		50	Half-peak diameter
20	22.6		13	1.13 X distance(m)
30	33.9		6	Illuminance
50	56.6		2	5000 / distance ² (lux)
				Total Output
				4700 (lumens)



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

m.	Ø 50%		65° 14.5°	E (lux)	Efficacy
	C ₀	C ₉₀			64.6 lumens per watt
5	6.4	1.3		640	Half-peak diameter C ₀
10	12.7	2.5		160	1.27 X distance(m)
20	25.5	5.1		40	Half-peak diameter C ₉₀
30	38.2	7.6		18	0.25 X distance(m)
50	63.7	12.7		6	Illuminance
					16000 / distance ² (lux)
					Total Output
					4800 (lumens)

