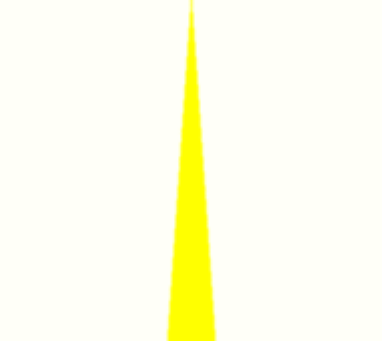
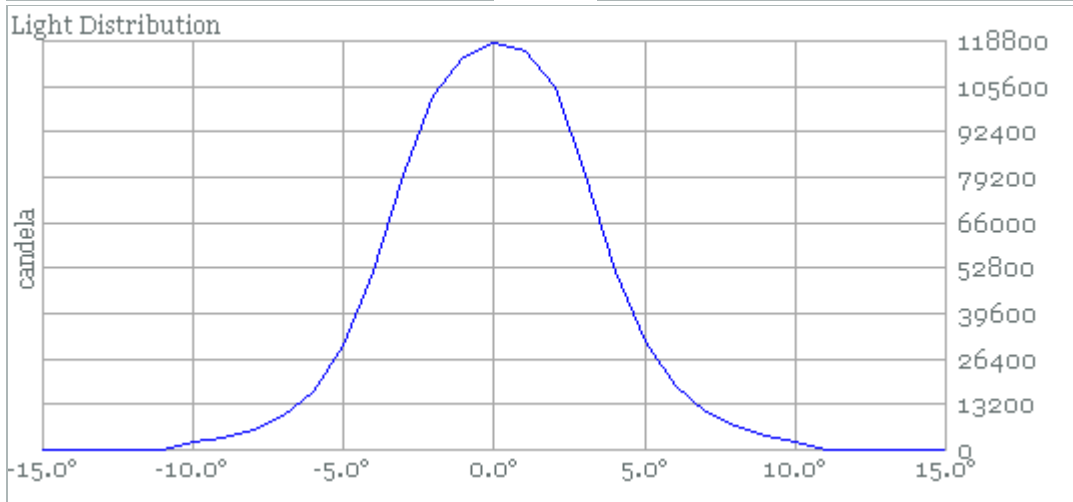
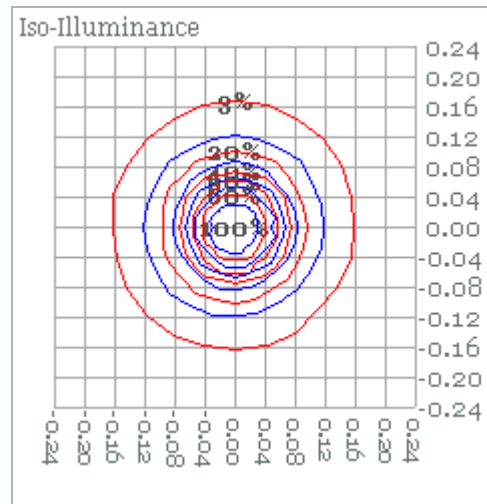
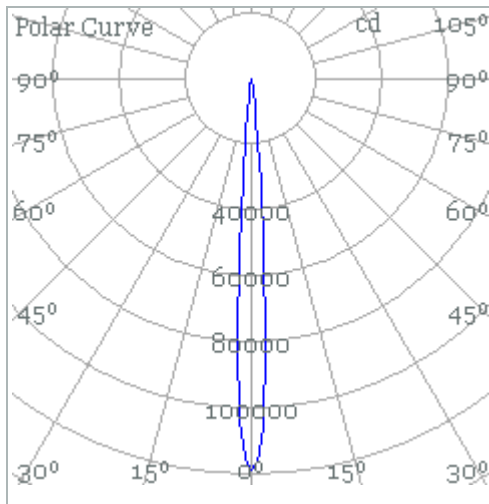



Exterior Wash 120 Photometrics

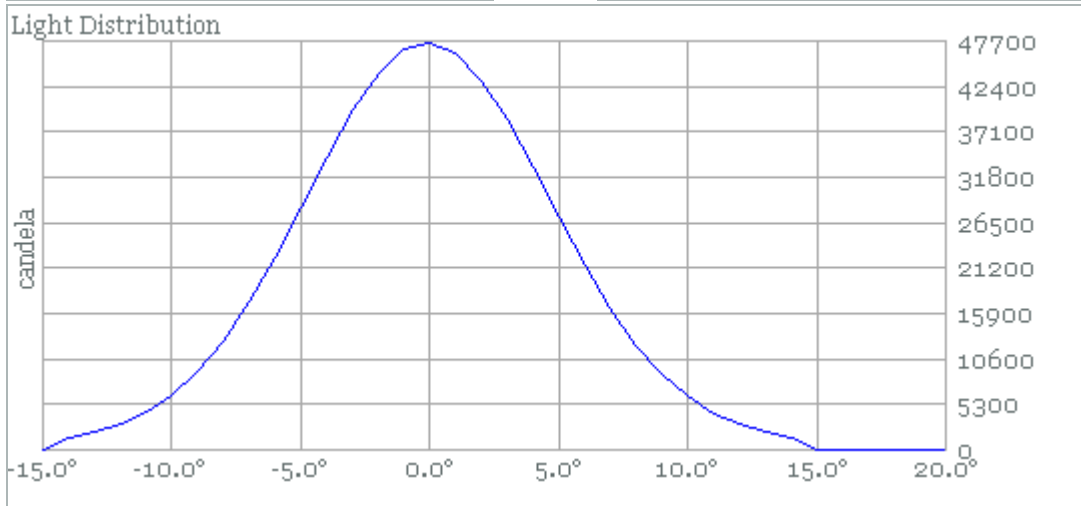
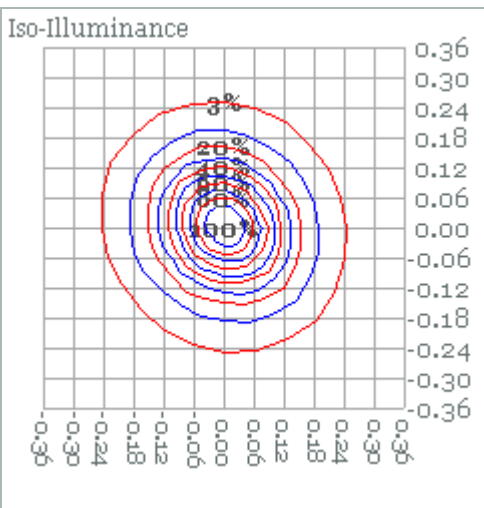
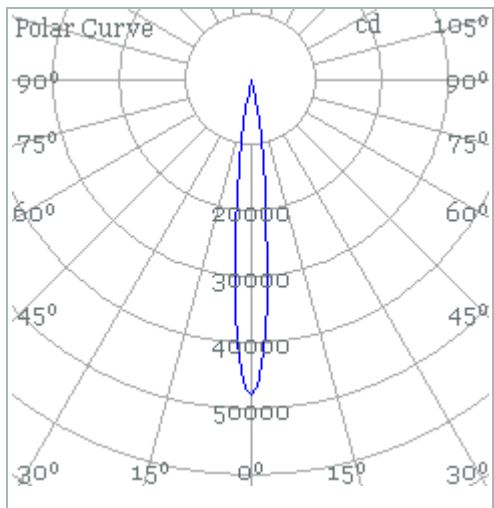
Standard (All LEDs on. No Diffuser.) (7.5°)

m.	Ø 50%	7.5°	E (lux)	Efficacy
5	0.7		4720	53.9 lumens per watt
10	1.3		1180	Half-peak diameter
20	2.6		295	0.13 X distance(m)
30	3.9		131	Illuminance
50	6.6		47	118000 / distance ² (lux)
				Total Output
				2400 (lumens)




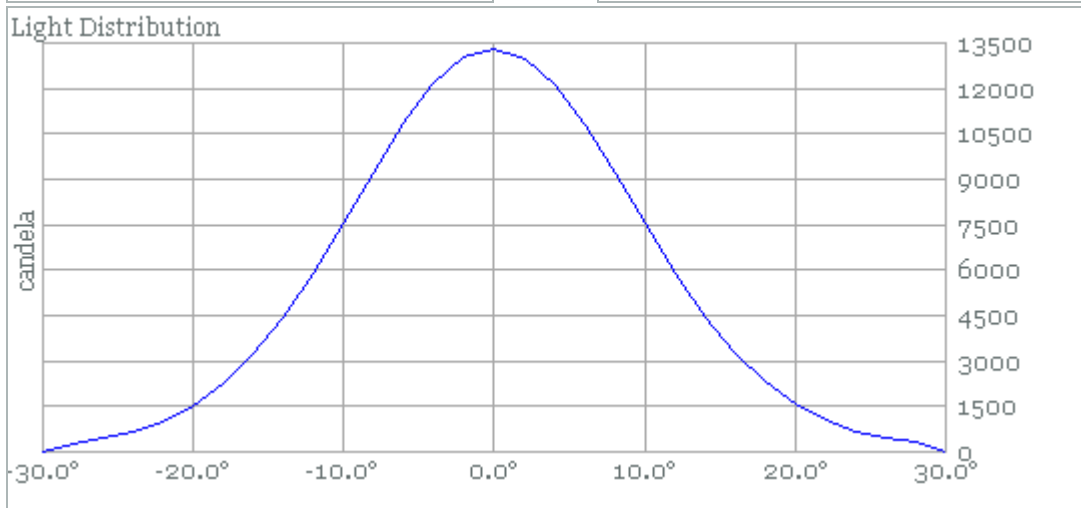
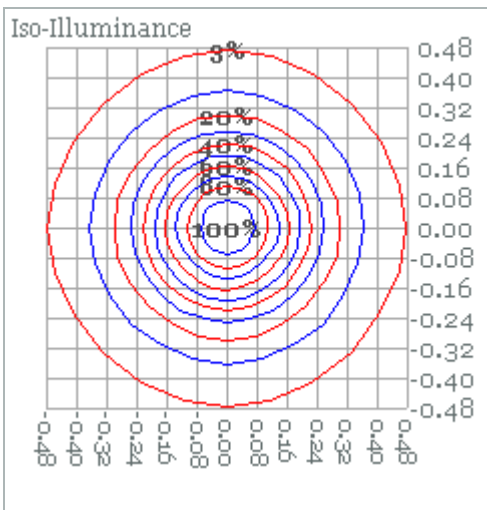
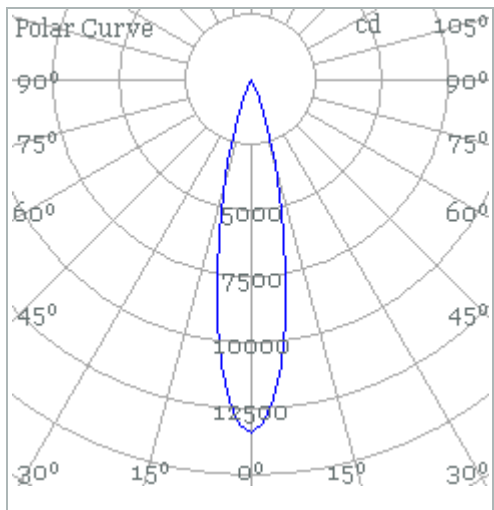
Narrow (All LEDs on. Balanced White. Narrow Diffuser.) (11.5°)

m.	Ø 50%	11.5°	E (lux)	Efficacy
5	1.0		1920	50.9 lumens per watt
10	2.0		480	Half-peak diameter
20	4.0		120	0.20 X distance(m)
30	6.0		53	Illuminance
50	10.1		19	48000 / distance ² (lux)
				Total Output
				2200 (lumens)




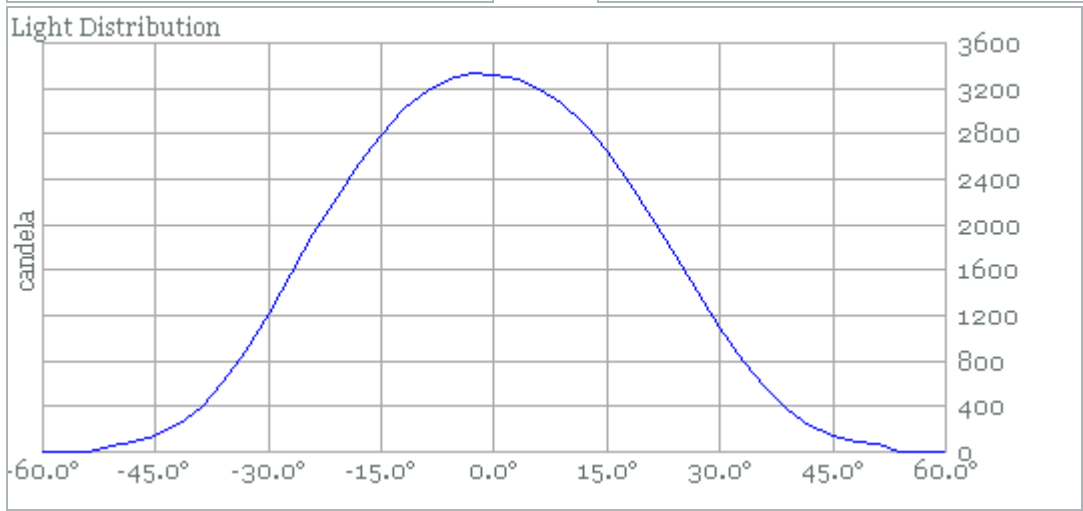
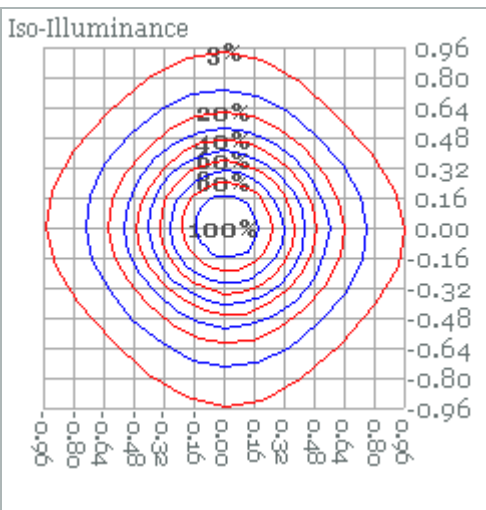
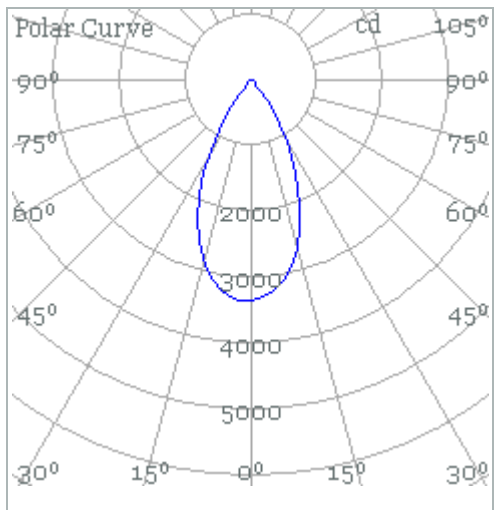
Medium (All LEDs on. Balanced White. Medium Diffuser) (22°)

m.	Ø 50%	22°	E (lux)	Efficacy
5	1.9		520	51.8 lumens per watt
10	3.9		130	Half-peak diameter
20	7.8		33	0.39 X distance(m)
30	11.7		14	Illuminance
50	19.4		5	13000 / distance ² (lux)
				Total Output
				2300 (lumens)




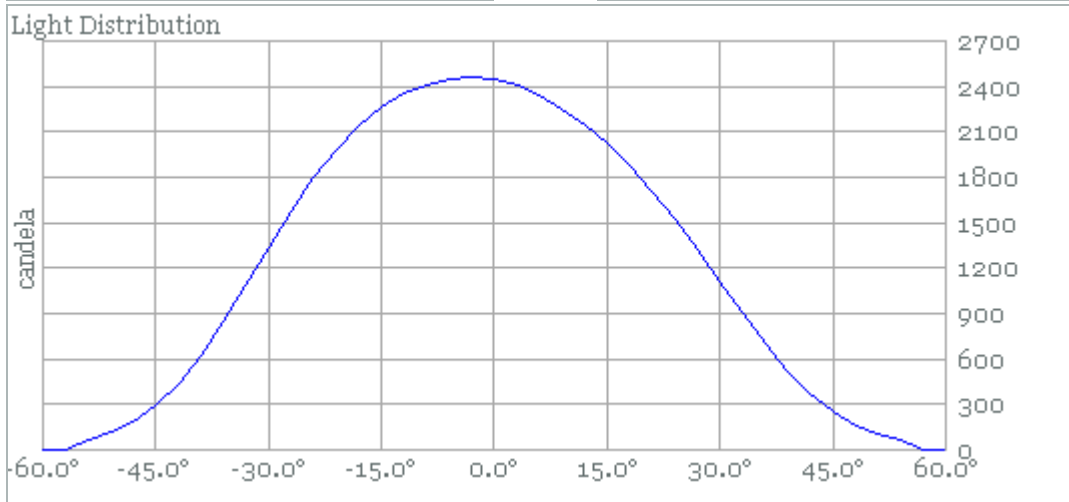
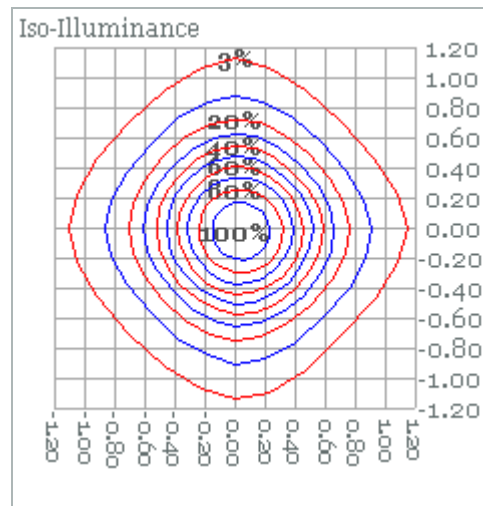
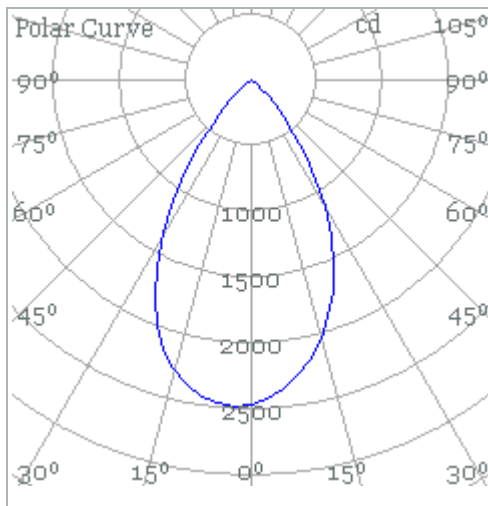
Wide (All LEDs on. Balanced White. Wide Diffuser.) (50°)

m.	Ø 50%	50°	E (lux)	Efficacy
5	4.7		136	53.8 lumens per watt
10	9.3		34	Half-peak diameter
20	18.7		9	0.93 X distance(m)
30	28.0		4	Illuminance
50	46.6		1	3400 / distance ² (lux)
				Total Output
				2400 (lumens)




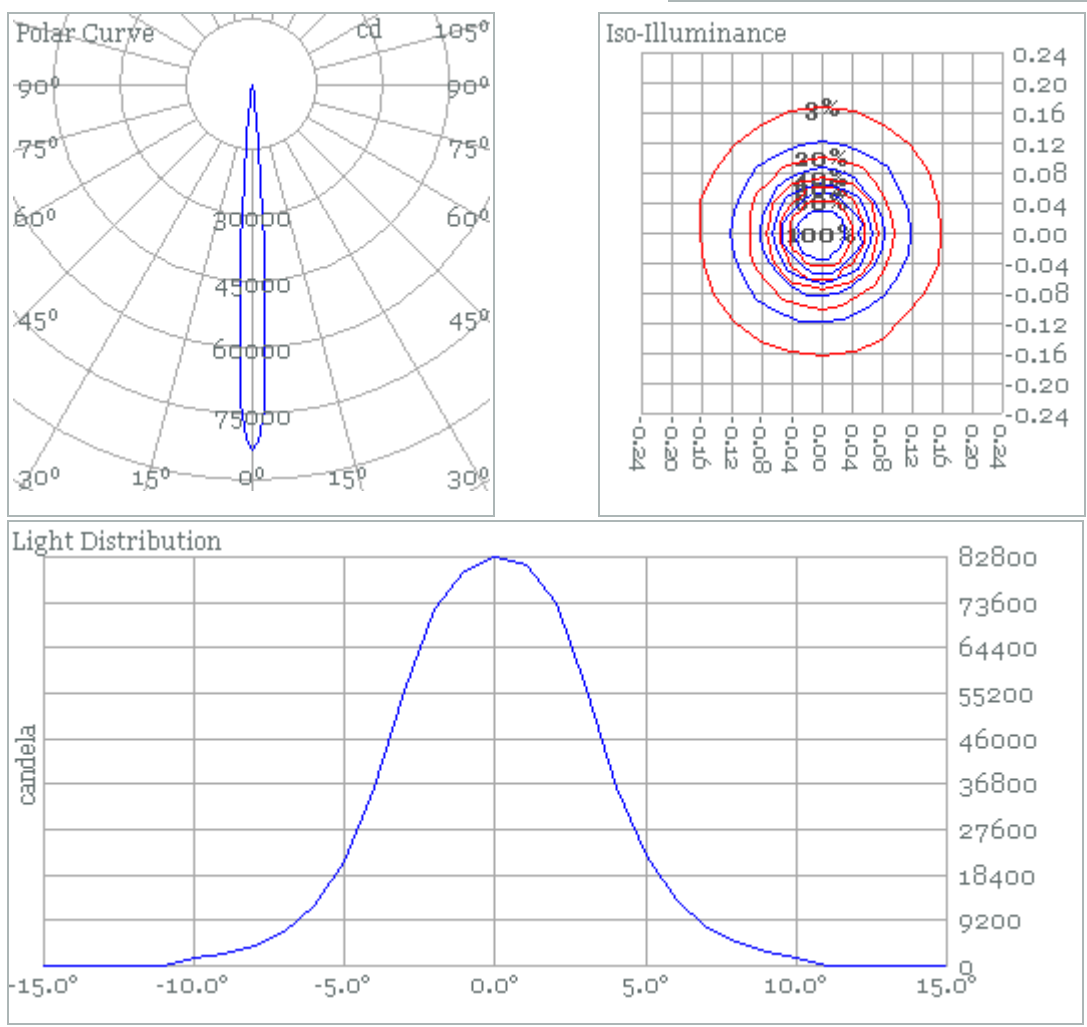
Very Wide (All LEDs on. Balanced White. Very Wide Diffuser.) (60°)

m.	Ø 50%	60°	E (lux)	Efficacy
5	5.8		100	54.2 lumens per watt
10	11.5		25	Half-peak diameter
20	23.1		6	1.15 X distance(m)
30	34.6		3	Illuminance
50	57.7		1	2500 / distance ² (lux)
				Total Output
				2400 (lumens)




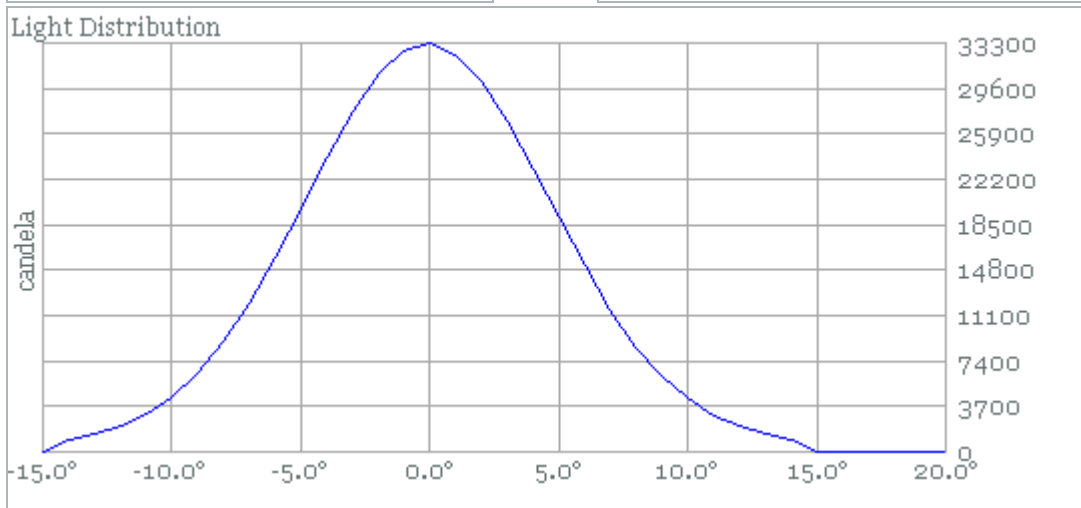
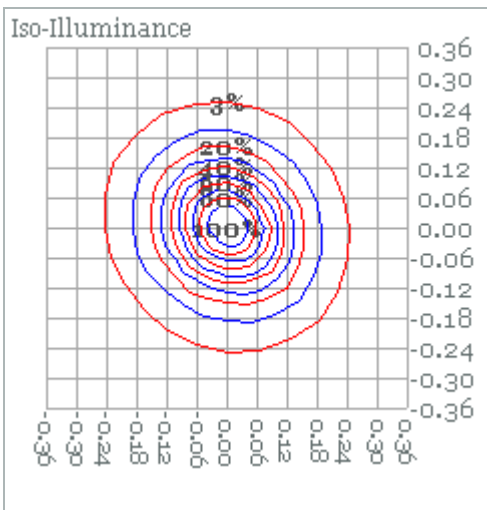
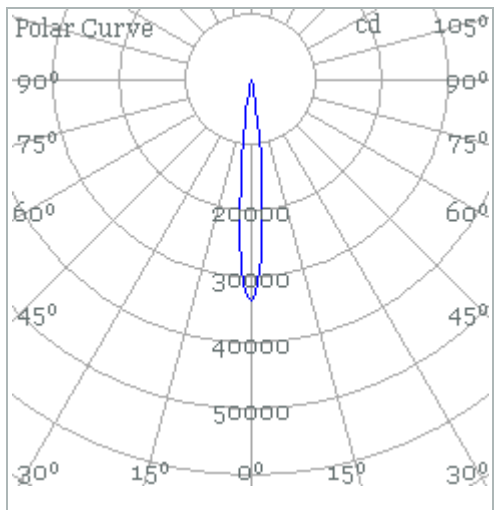
Standard (Only Cold White LEDs on. No Diffuser.) (7.5°)

m.	Ø 50%	7.5°	E (lux)	Efficacy
5	0.7		3320	57.3 lumens per watt
10	1.3		830	Half-peak diameter
20	2.6		208	0.13 X distance(m)
30	3.9		92	Illuminance
50	6.6		33	83000 / distance ² (lux)
				Total Output
				1700 (lumens)

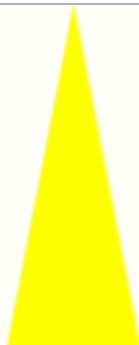


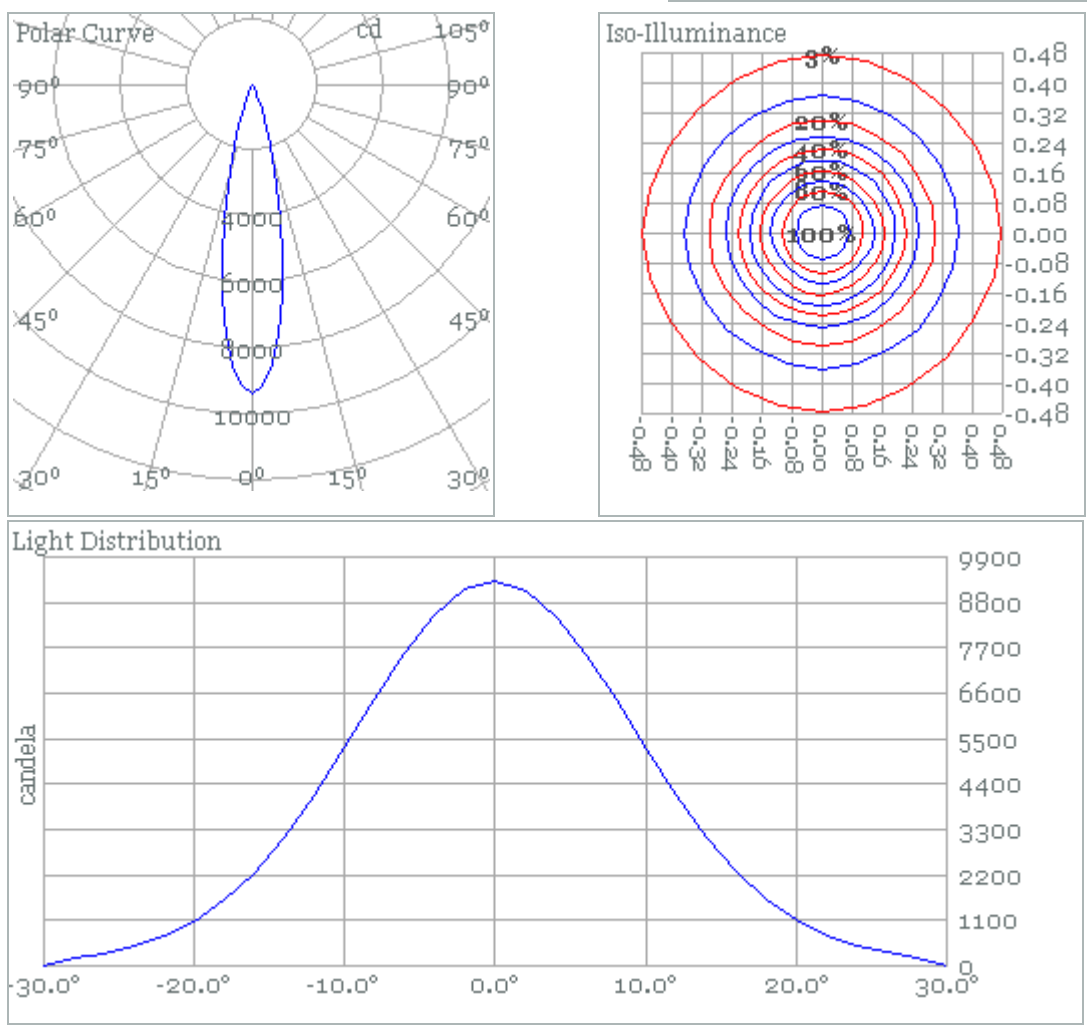
Narrow (Only Cold White LEDs on. Narrow Diffuser) (11.5°)

m.	Ø 50%	11.5°	E (lux)	Efficacy
5	1.0		1320	54.1 lumens per watt
10	2.0		330	Half-peak diameter
20	4.0		83	0.20 X distance(m)
30	6.0		37	Illuminance
50	10.1		13	33000 / distance ² (lux)
				Total Output
				1600 (lumens)




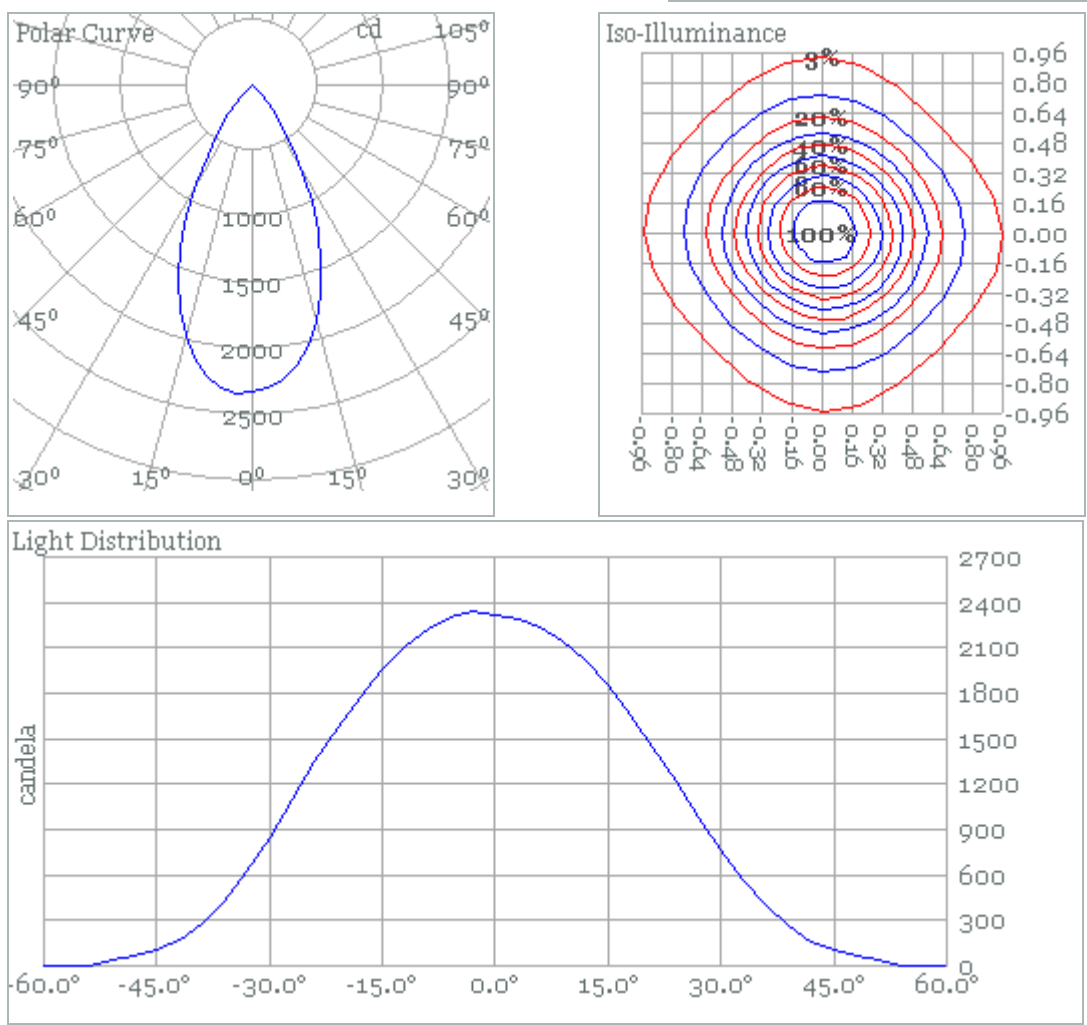
Medium (Only Cold White LEDs on. Medium Diffuser) (22°)

m.	Ø 50%	22°	E (lux)	Efficacy
5	1.9		372	55 lumens per watt
10	3.9		93	Half-peak diameter
20	7.8		23	0.39 X distance(m)
30	11.7		10	Illuminance
50	19.4		4	9300 / distance ² (lux)
				Total Output
				1600 (lumens)

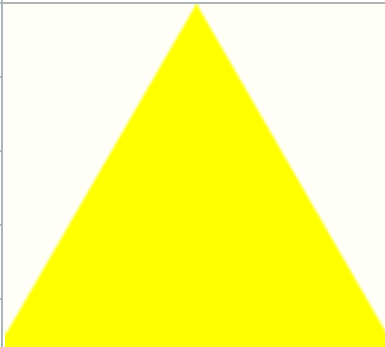


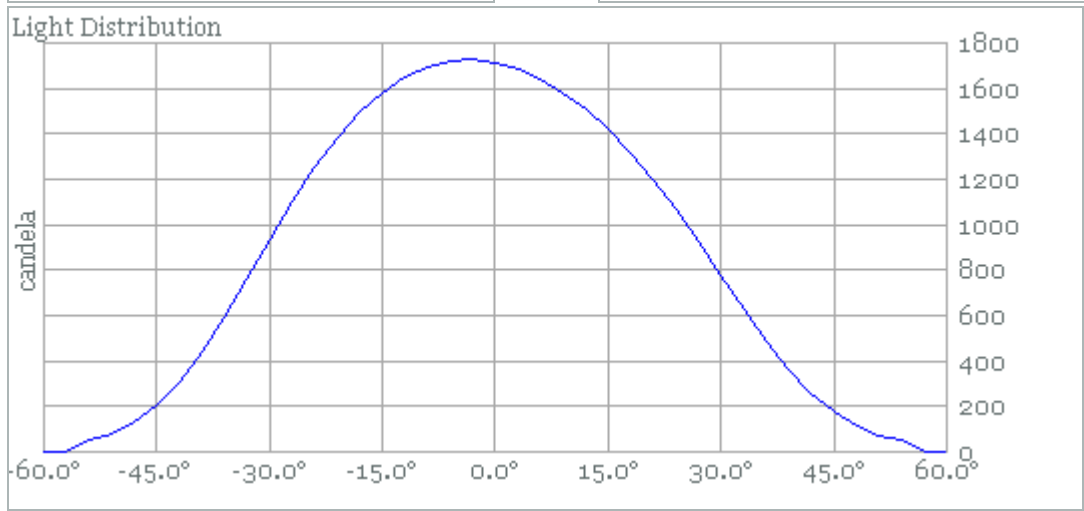
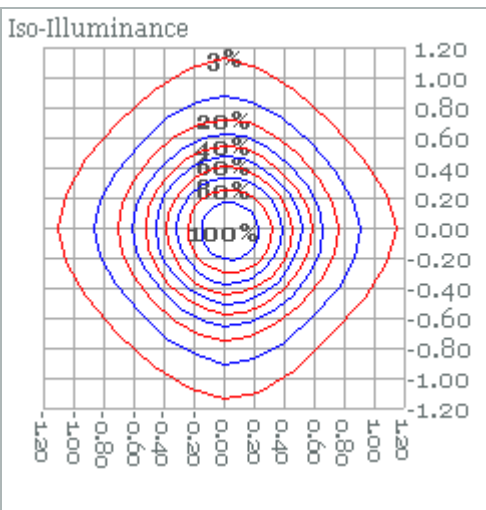
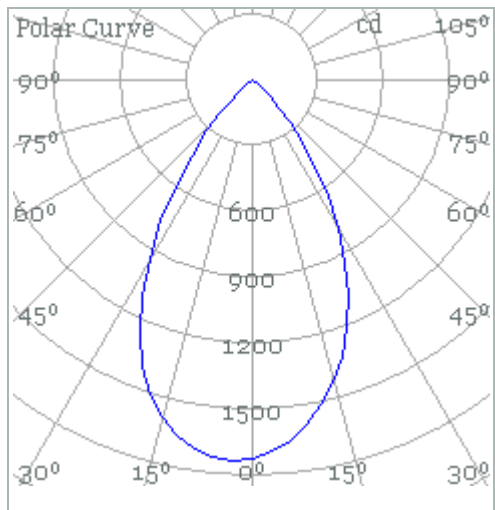
Wide (Only Cold White LEDs on. Wide Diffuser) (50°)

m.	Ø 50%	50°	E (lux)	Efficacy
5	4.7		96	57.2 lumens per watt
10	9.3		24	Half-peak diameter
20	18.7		6	0.93 X distance(m)
30	28.0		3	Illuminance
50	46.6		1	2400 / distance ² (lux)
				Total Output
				1700 (lumens)

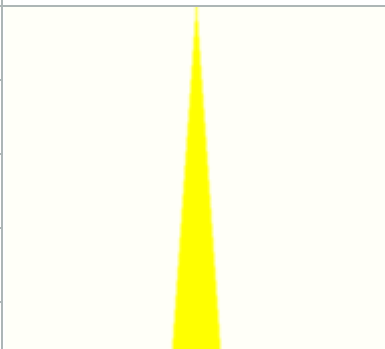


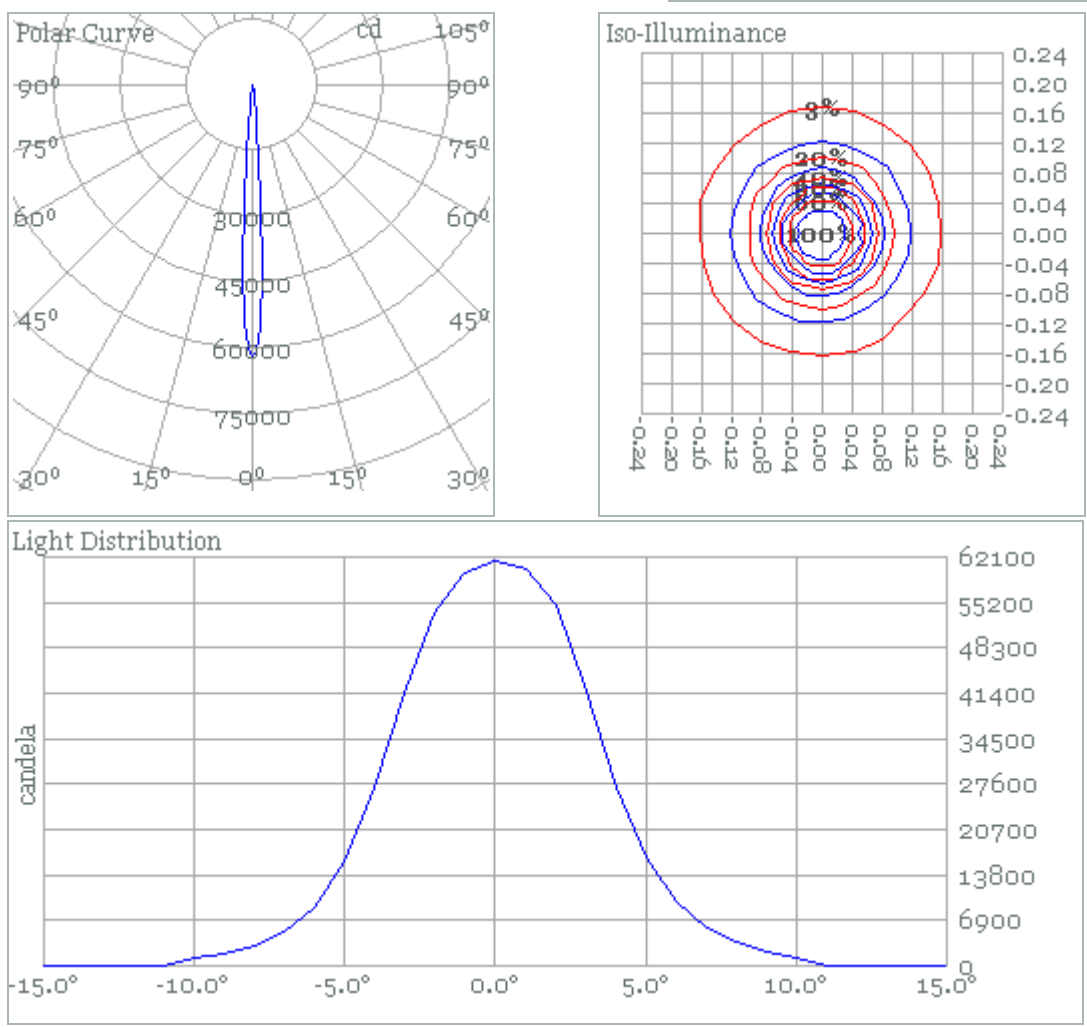
Very Wide (Only Cold White LEDs on. Very Wide Diffuser) (60°)

m.	Ø 50%	60°	E (lux)	Efficacy
5	5.8		68	57.6 lumens per watt
10	11.5		17	Half-peak diameter
20	23.1		4	1.15 X distance(m)
30	34.6		2	Illuminance
50	57.7		1	1700 / distance ² (lux)
				Total Output
				1700 (lumens)




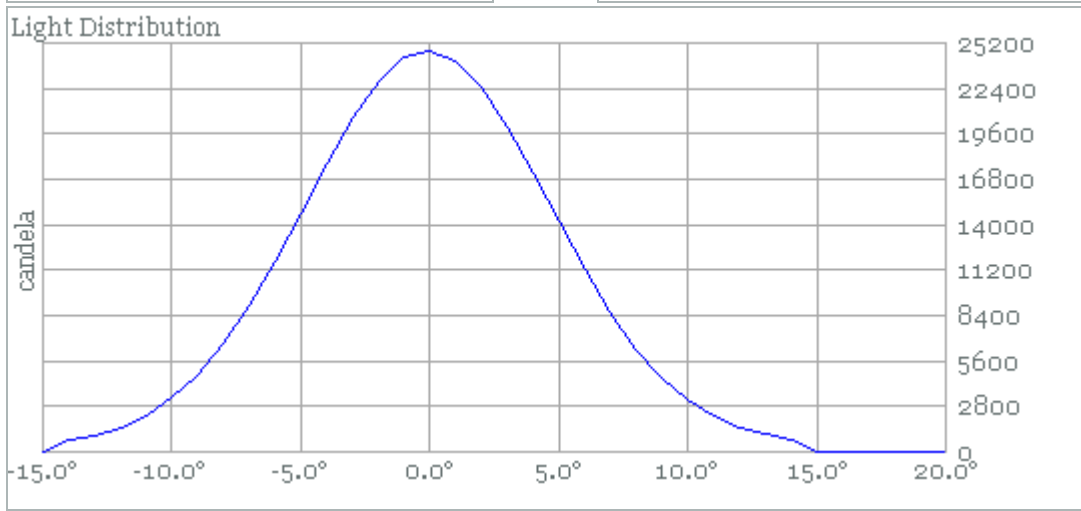
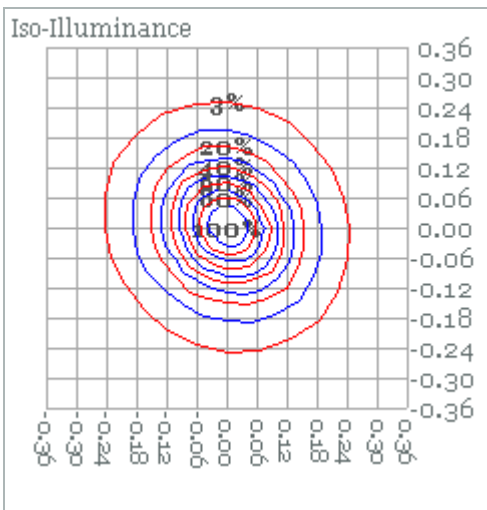
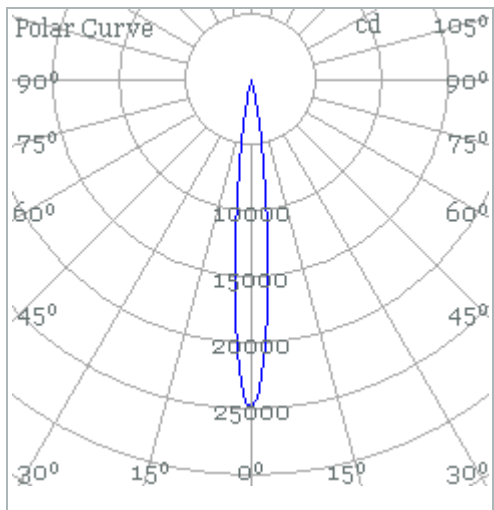
Standard (Only Warm White LEDs on. No Diffuser.) (7.5°)

m.	Ø 50%	7.5°	E (lux)	Efficacy
5	0.7		2480	42.6 lumens per watt
10	1.3		620	Half-peak diameter
20	2.6		155	0.13 X distance(m)
30	3.9		69	Illuminance
50	6.6		25	62000 / distance ² (lux)
				Total Output
				1200 (lumens)




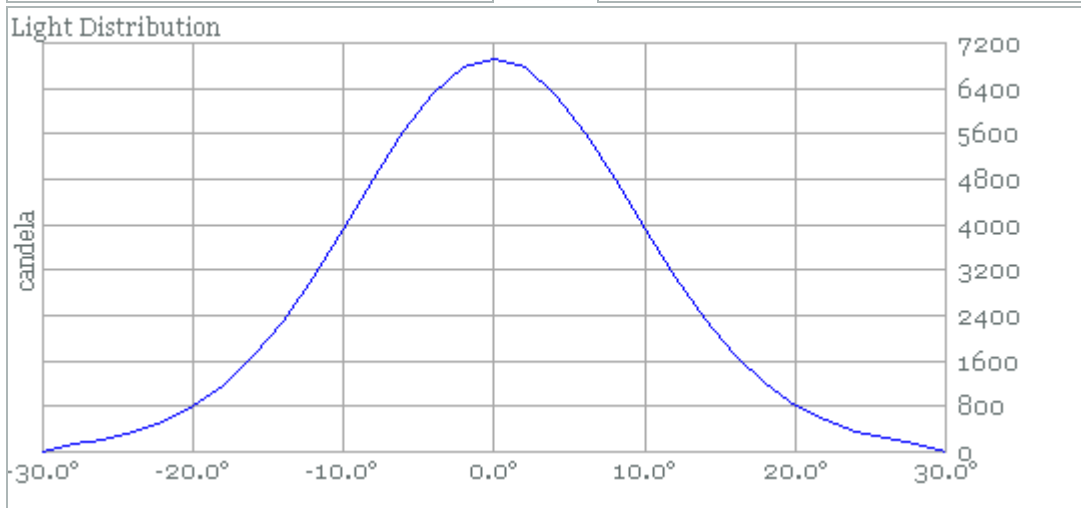
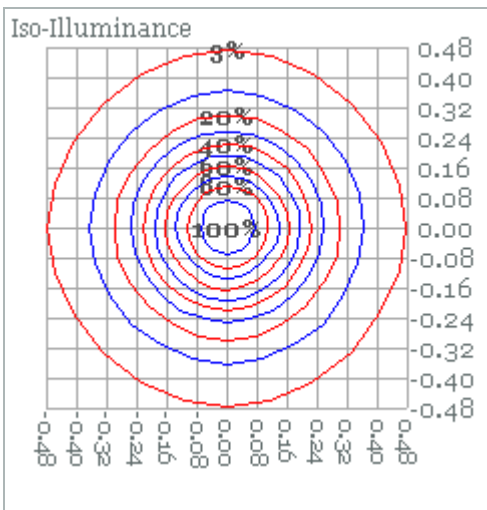
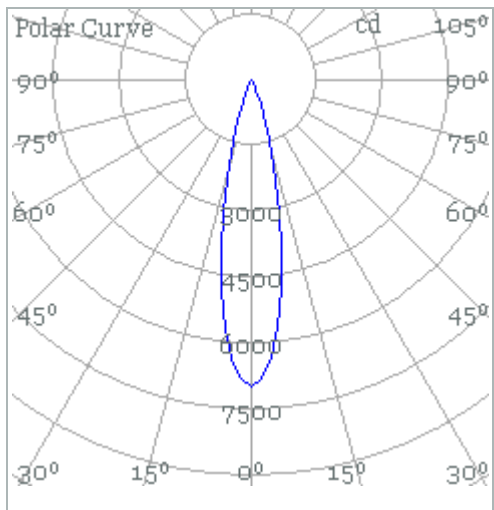
Narrow (Only Warm White LEDs on. Narrow Diffuser) (11.5°)

m.	Ø 50%	11.5°	E (lux)	Efficacy
5	1.0		1000	40.3 lumens per watt
10	2.0		250	Half-peak diameter
20	4.0		63	0.20 X distance(m)
30	6.0		28	Illuminance
50	10.1		10	25000 / distance ² (lux)
				Total Output
				1200 (lumens)




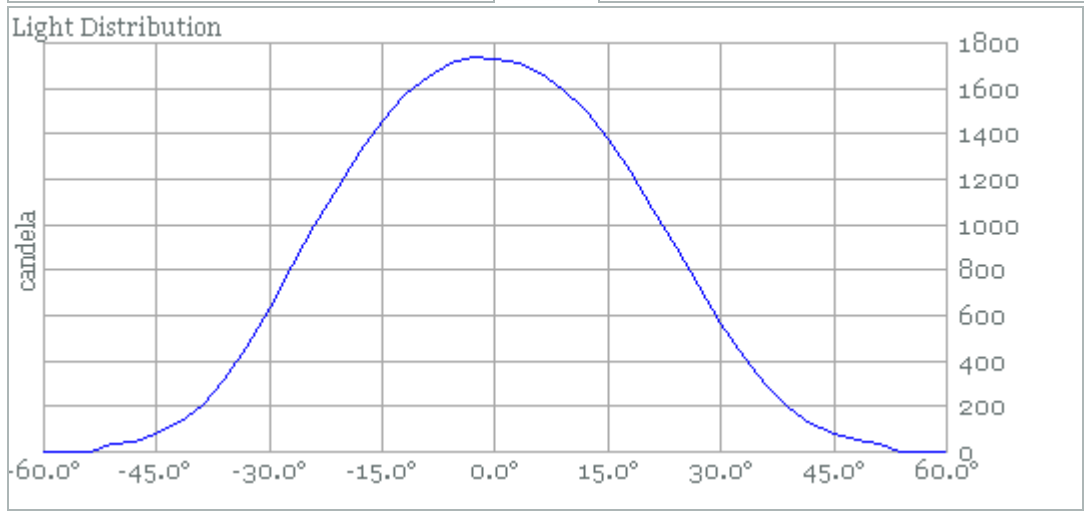
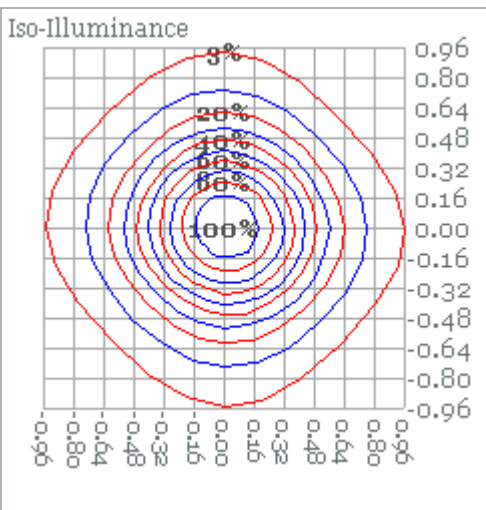
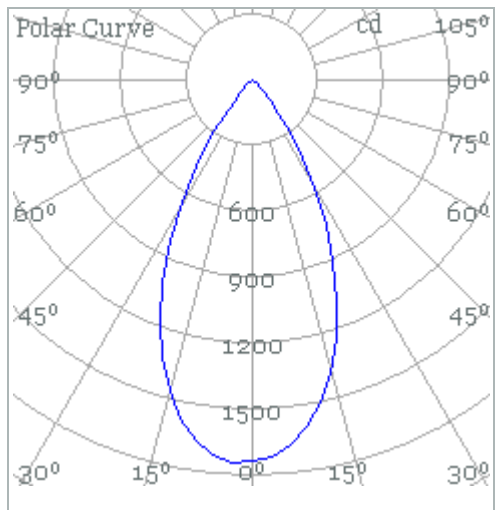
Medium (Only Warm White LEDs on. Medium Diffuser) (22°)

m.	Ø 50%		E (lux)	Efficacy
				40.9 lumens per watt
5	1.9		276	Half-peak diameter
10	3.9		69	0.39 X distance(m)
20	7.8		17	Illuminance
30	11.7		8	6900 / distance ² (lux)
50	19.4		3	Total Output
				1200 (lumens)

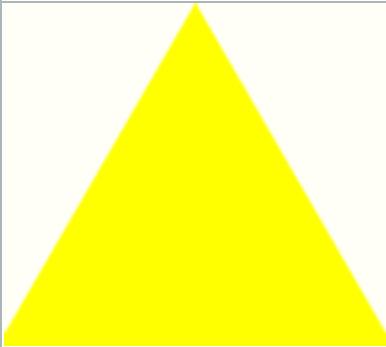


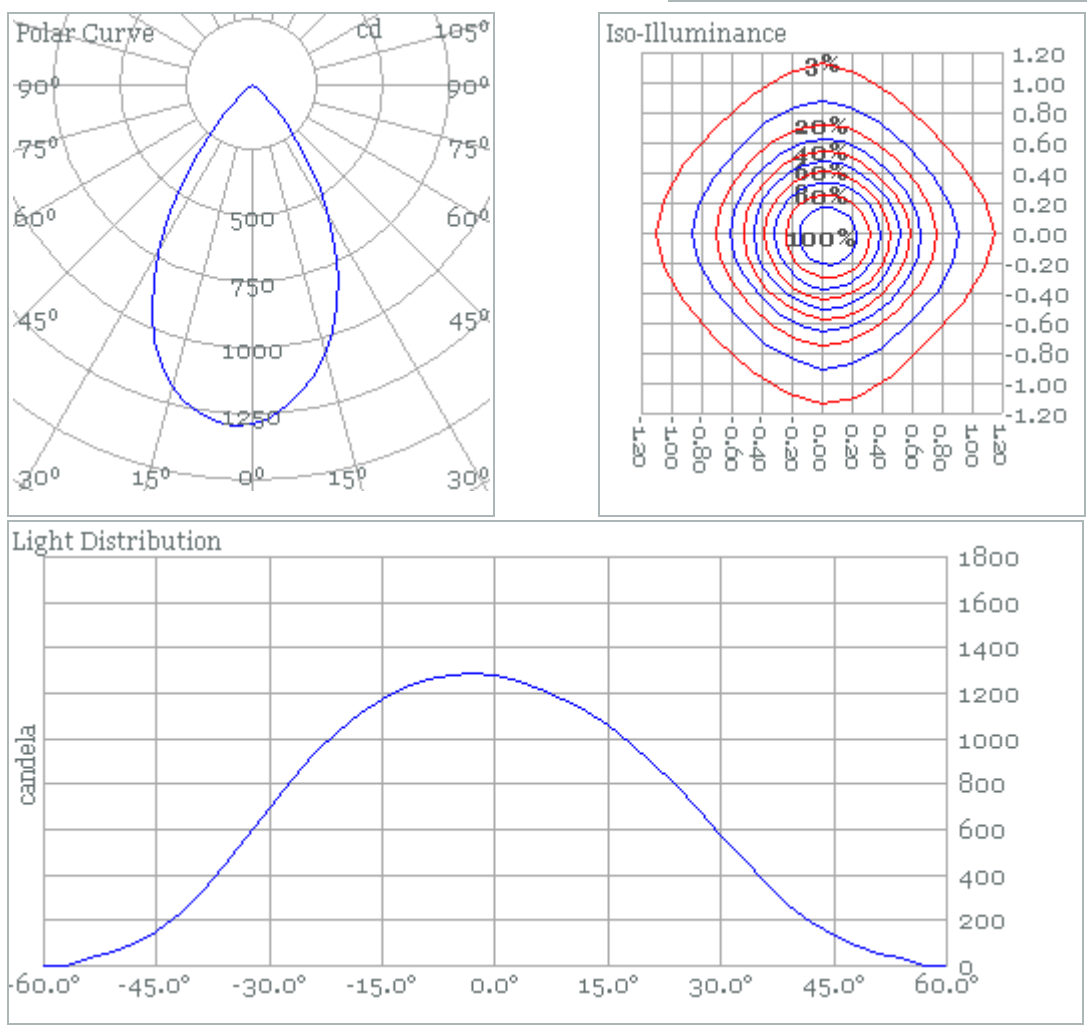
Wide (Only Warm White LEDs on. Wide Diffuser) (50°)

m.	Ø 50%	50°	E (lux)	Efficacy
5	4.7		68	42.5 lumens per watt
10	9.3		17	Half-peak diameter
20	18.7		4	0.93 X distance(m)
30	28.0		2	Illuminance
50	46.6		1	1700 / distance ² (lux)
				Total Output
				1200 (lumens)

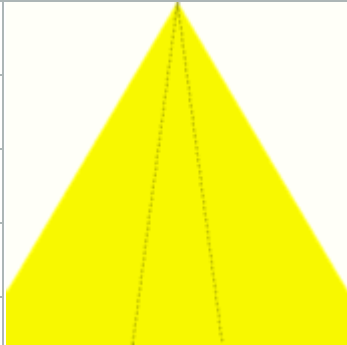


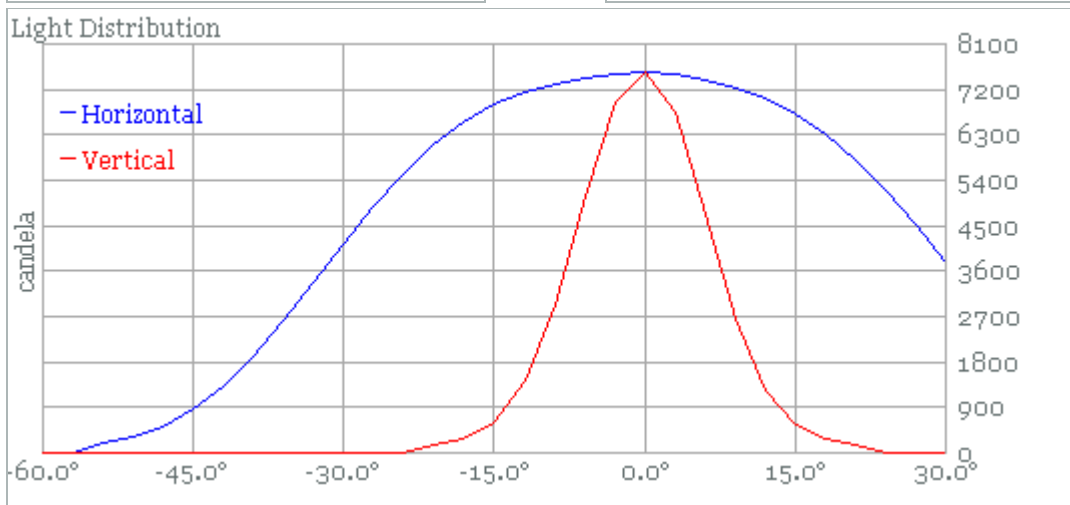
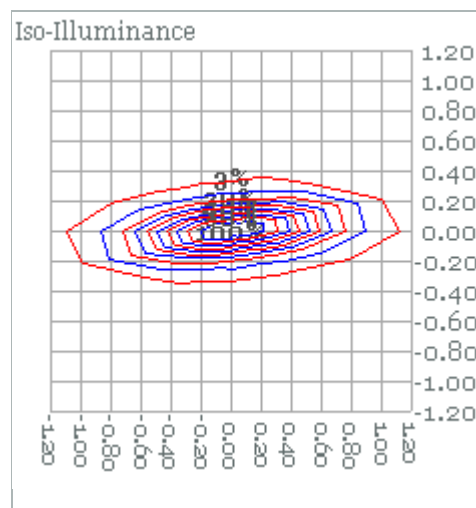
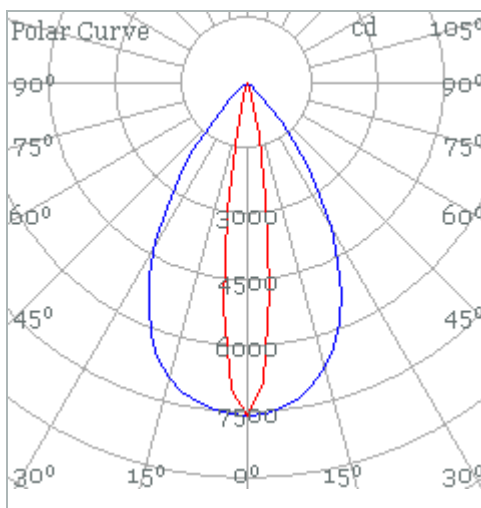
Very Wide (Only Warm White LEDs on. Very Wide Diffuser) (60°)

m.	Ø 50%	60°	E (lux)	Efficacy
5	5.8		52	42.8 lumens per watt
10	11.5		13	Half-peak diameter
20	23.1		3	1.15 X distance(m)
30	34.6		1	Illuminance
50	57.7		1	1300 / distance ² (lux)
				Total Output
				1200 (lumens)

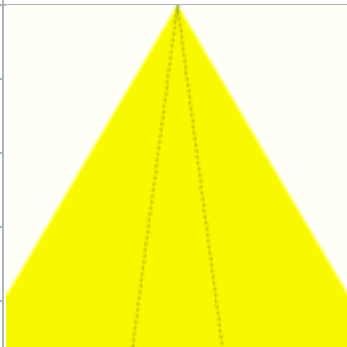


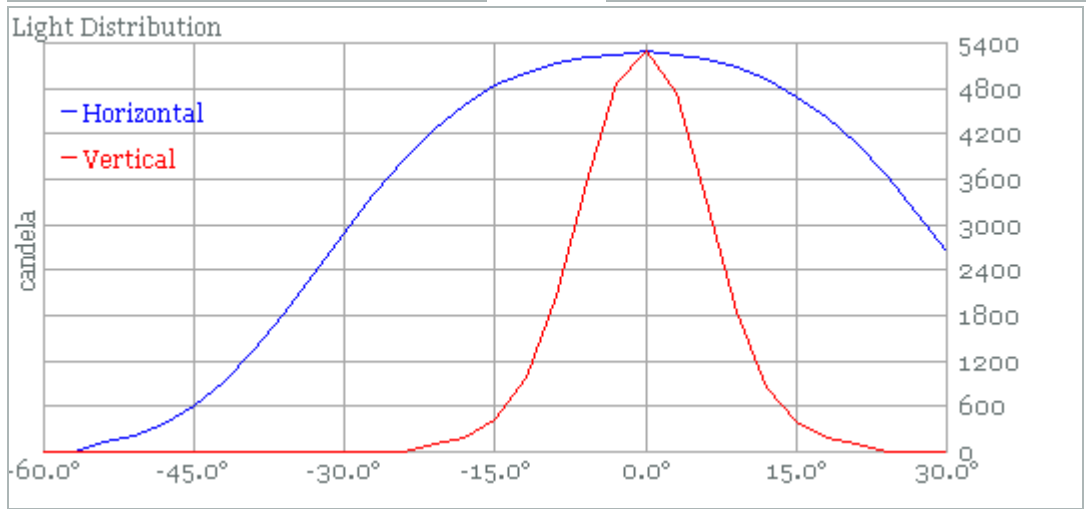
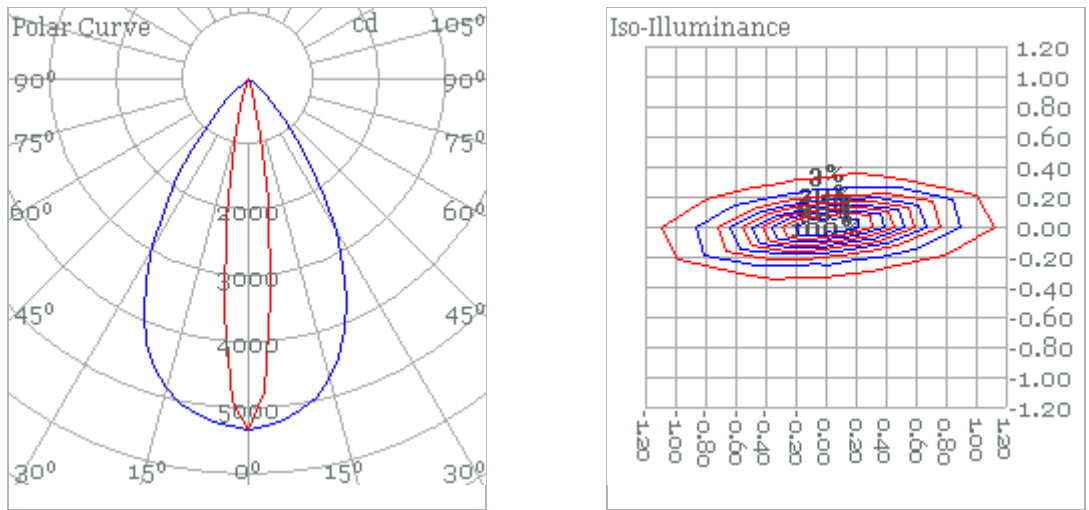
Standard with ellipsoidal beamshaper (All LEDs on. Asymmetric diffuser) (61° X 15°)

m.	Ø 50%		61° 15°	E (lux)	Efficacy
	C ₀	C ₉₀			54.1 lumens per watt
5	5.9	1.3		304	Half-peak diameter C ₀
10	11.8	2.6		76	1.18 X distance(m)
20	23.6	5.3		19	Half-peak diameter C ₉₀
30	35.3	7.9		8	0.26 X distance(m)
50	58.9	13.2		3	Illuminance
					7600 / distance ² (lux)
					Total Output
					2300 (lumens)

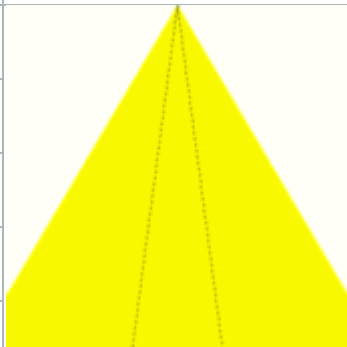


Standard with ellipsoidal beamshaper (Only Cold White LEDs on. Asymmetric diffuser.) (61° X 15°)

m.	Ø 50%		61° 15°	E (lux)	Efficacy
	C ₀	C ₉₀			56.1 lumens per watt
5	5.9	1.3		212	Half-peak diameter C ₀
10	11.8	2.6		53	1.18 X distance(m)
20	23.6	5.3		13	Half-peak diameter C ₉₀
30	35.3	7.9		6	0.26 X distance(m)
50	58.9	13.2		2	Illuminance
					5300 / distance ² (lux)
					Total Output
					1600 (lumens)



Standard with ellipsoidal beamshaper (Only Warm White LEDs on. Asymmetric Diffuser) (61° X 15°)

m.	Ø 50%		61° 15°	E (lux)	Efficacy
	C ₀	C ₉₀			41.8 lumens per watt
5	5.9	1.3		156	Half-peak diameter C ₀
10	11.8	2.6		39	1.18 X distance(m)
20	23.6	5.3		10	Half-peak diameter C ₉₀
30	35.3	7.9		4	0.26 X distance(m)
50	58.9	13.2		2	Illuminance
					3900 / distance ² (lux)
					Total Output
					1200 (lumens)

