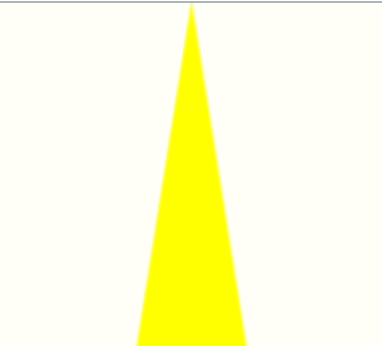
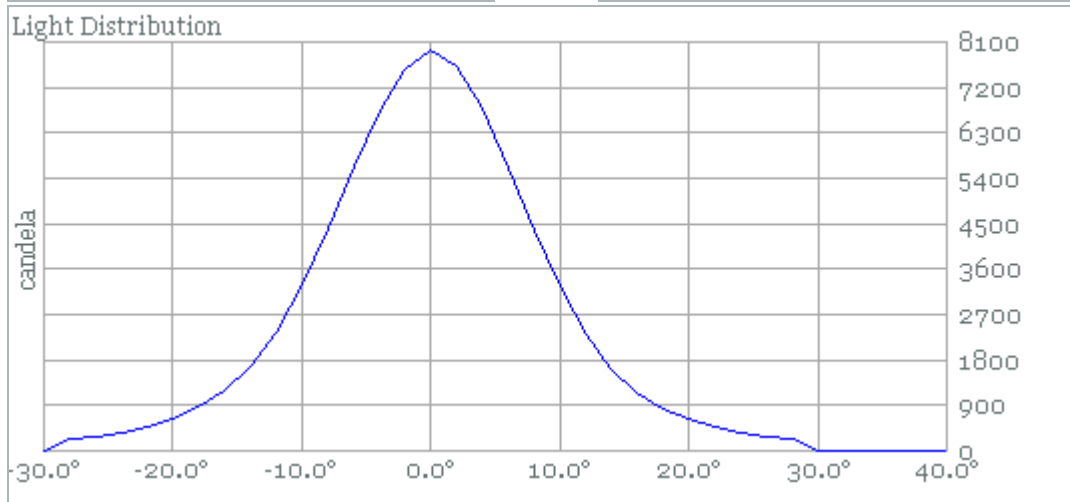
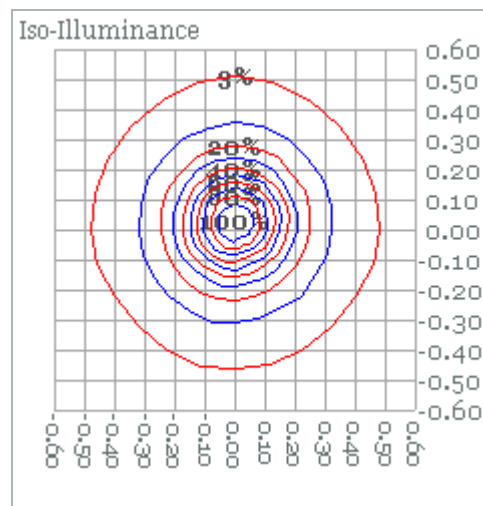
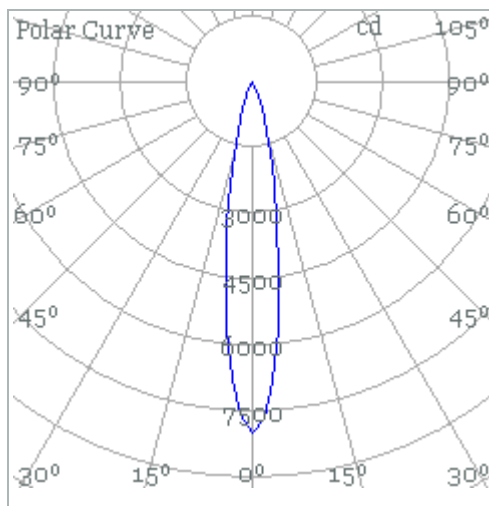



# Exterior Linear CTC Graze Photometrics

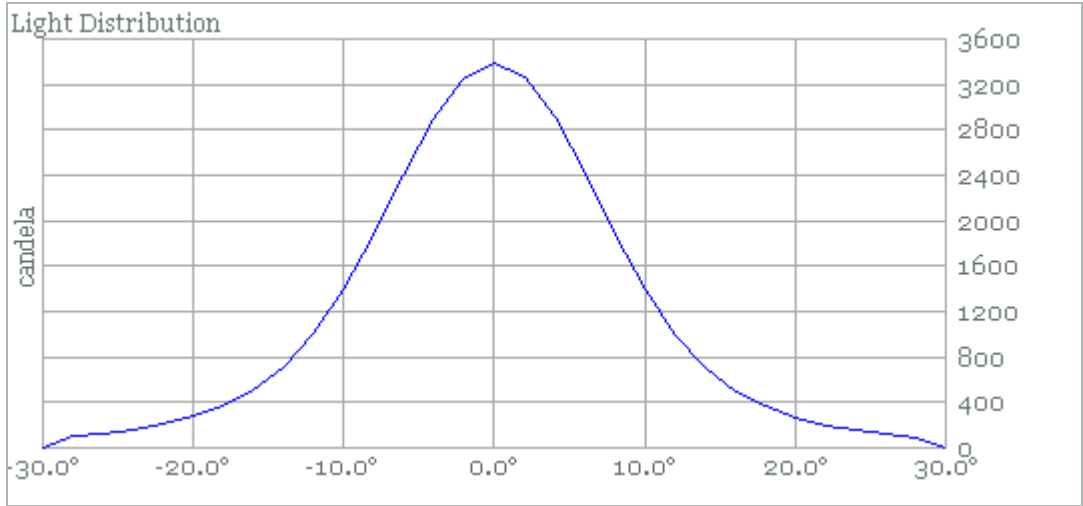
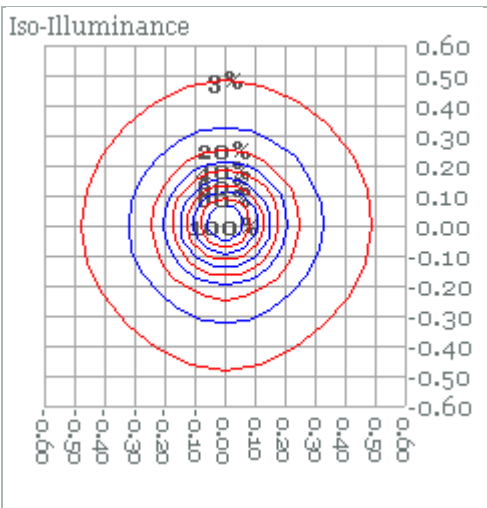
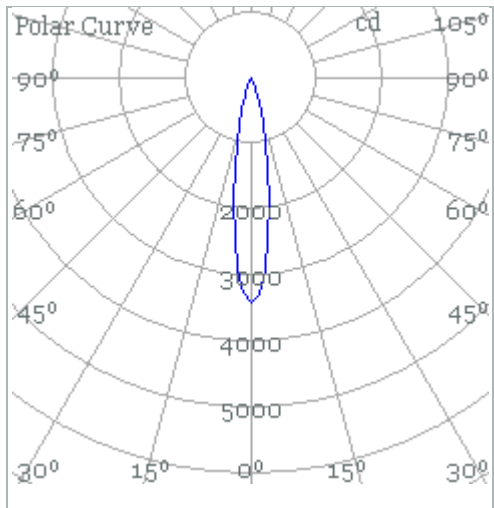
Exterior Linear 320 Graze  
Medium (All LEDs on.) (18°)

m.	Ø 50%	18°	E (lux)	Efficiency
5	1.6		320	0%
10	3.2		80	Half-peak diameter
20	6.3		20	0.32 X distance(m)
30	9.5		9	Illuminance
50	15.8		3	8000 / distance <sup>2</sup> (lux)
				Total Output
				1100 (lumens)




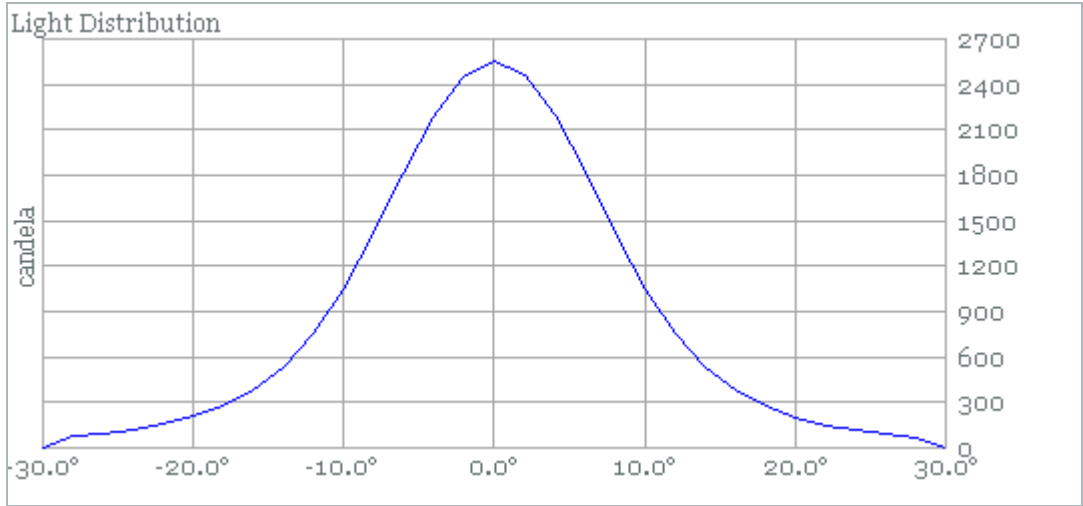
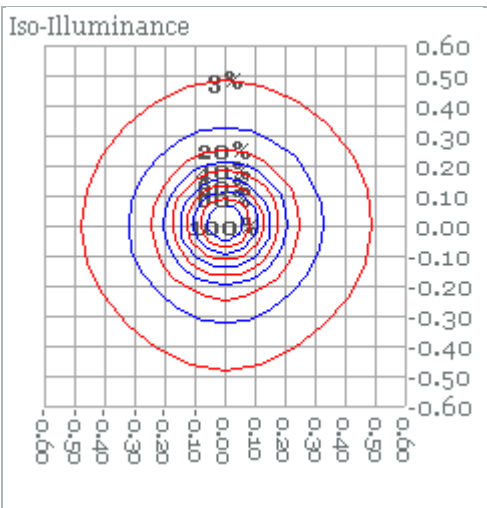
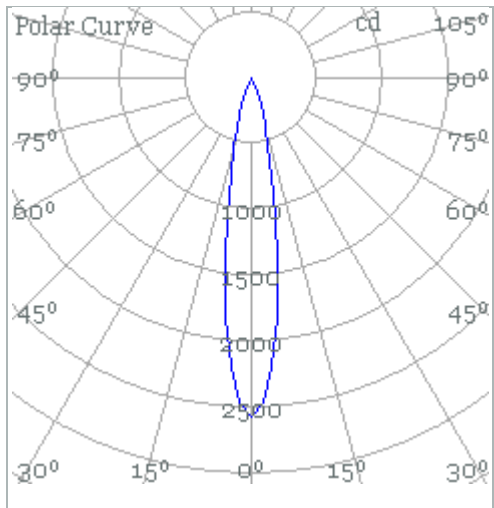
Exterior Linear 320 Graze  
Medium (Only 4x Cold White LEDs on. ) (17°)

m.	Ø 50%	17°	E (lux)	Efficiency
5	1.5		136	0%
10	3.0		34	Half-peak diameter
20	6.0		9	0.30 X distance(m)
30	9.0		4	Illuminance
50	14.9		1	3400 / distance <sup>2</sup> (lux)
				Total Output
				440 (lumens)




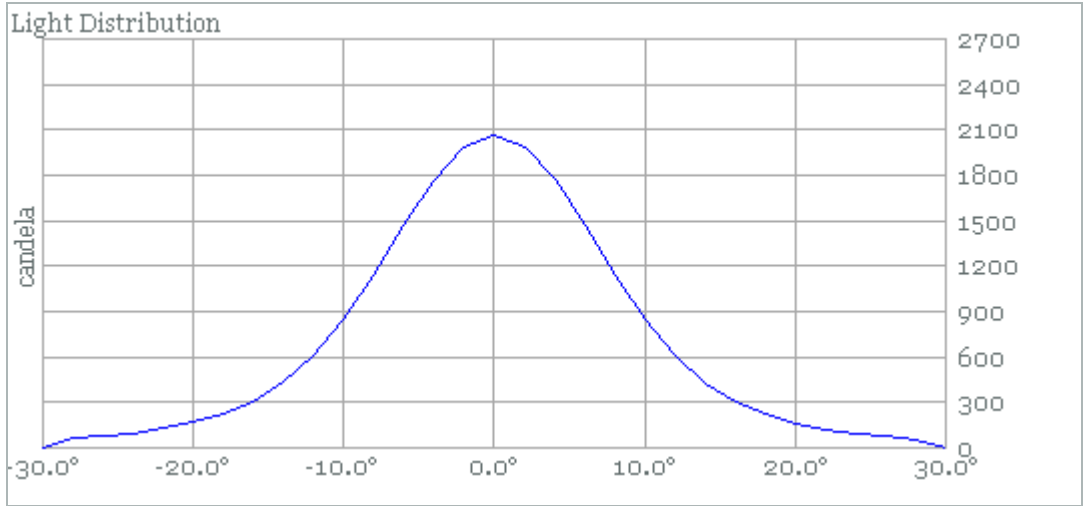
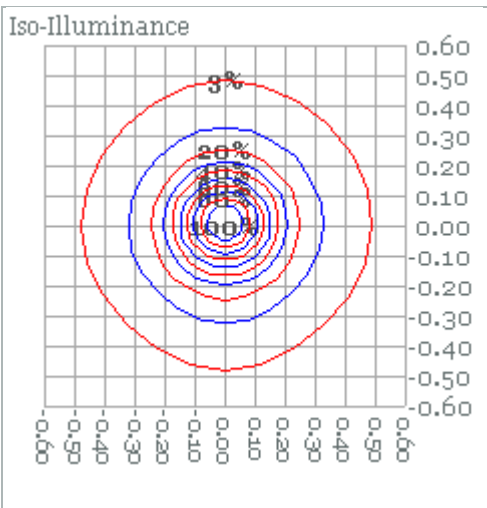
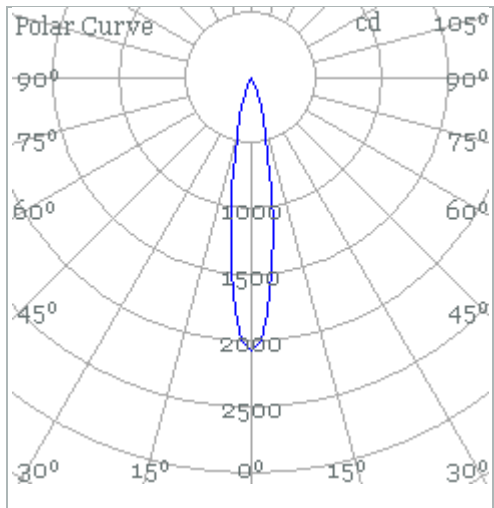
Exterior Linear 320 Graze  
Medium (Only 4x Neutral White LEDs on. ) (17°)

m.	Ø 50%	17°	E (lux)	Efficiency
5	1.5		104	0%
10	3.0		26	Half-peak diameter
20	6.0		7	0.30 X distance(m)
30	9.0		3	Illuminance
50	14.9		1	2600 / distance <sup>2</sup> (lux)
				Total Output
				330 (lumens)

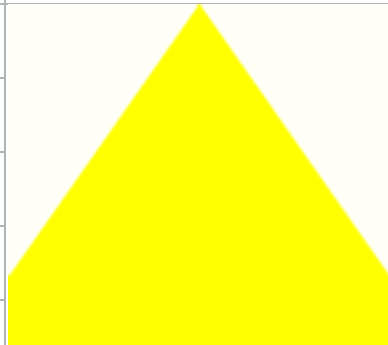


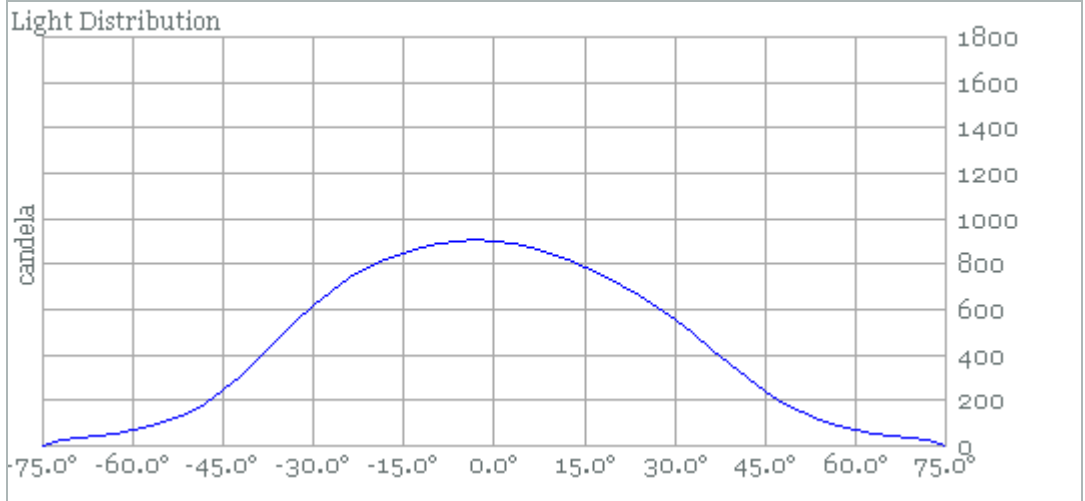
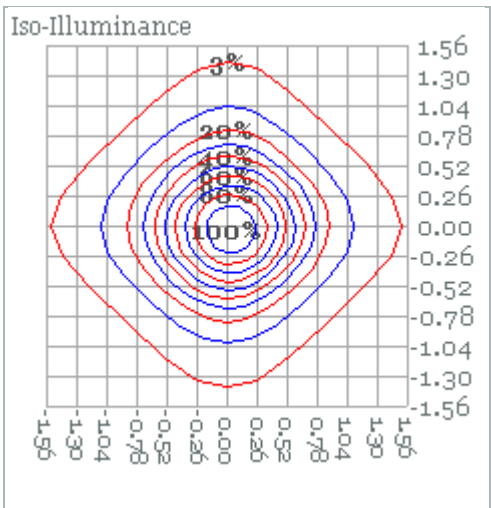
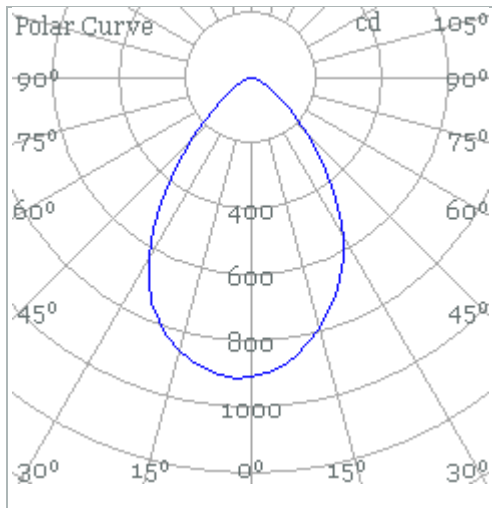
Exterior Linear 320 Graze  
Medium (Only 4x Warm White LEDs on. ) (17°)

m.	Ø 50%	17°	E (lux)	Efficiency
5	1.5		84	0%
10	3.0		21	Half-peak diameter
20	6.0		5	0.30 X distance(m)
30	9.0		2	Illuminance
50	14.9		1	2100 / distance <sup>2</sup> (lux)
				Total Output
				270 (lumens)

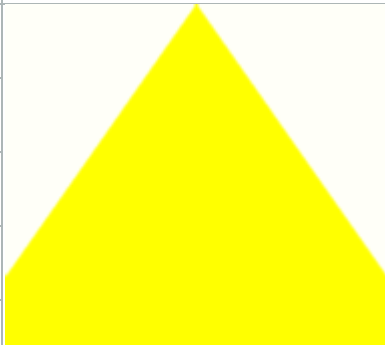


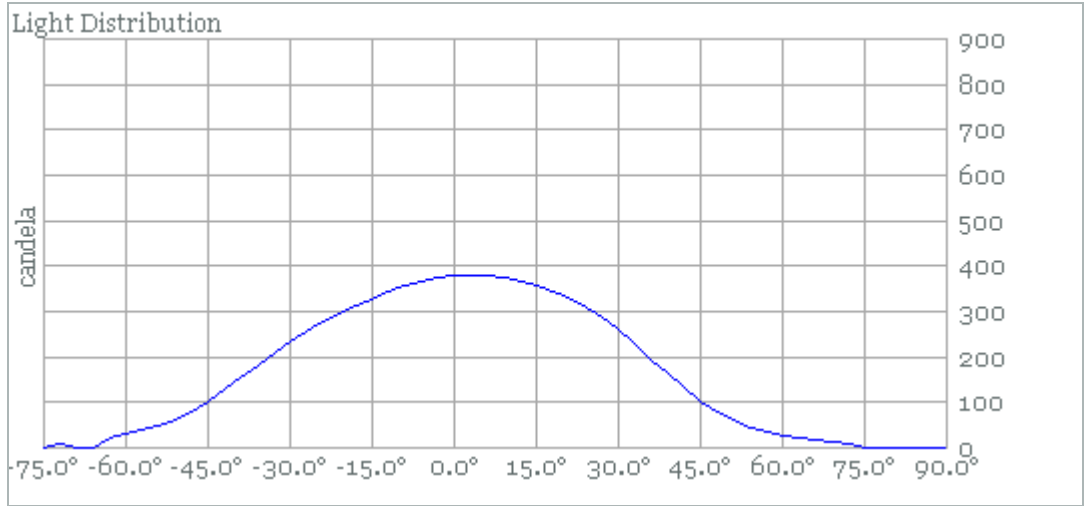
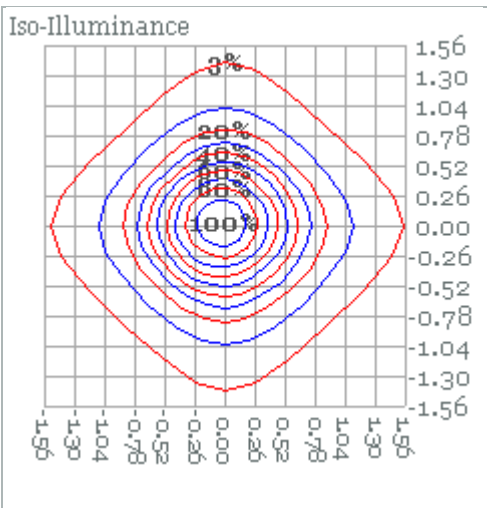
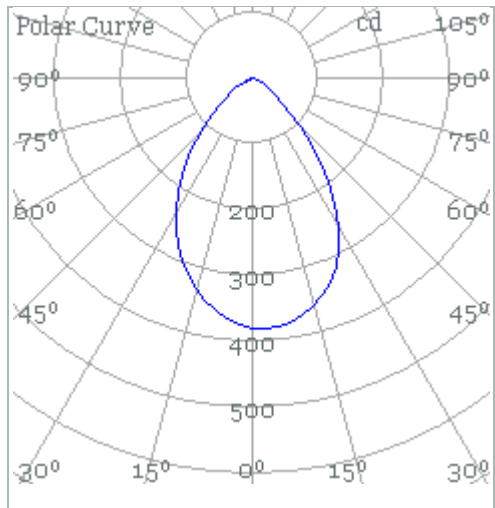
Exterior Linear 320 Graze  
Wide (All LEDs on. ) (70°)

m.	Ø 50%	70°	E (lux)	Efficiency
5	7.0		36	0%
10	14.0		9	Half-peak diameter
20	28.0		2	1.40 X distance(m)
30	42.0		1	Illuminance
50	70.0		0	910 / distance <sup>2</sup> (lux)
				Total Output
				1200 (lumens)

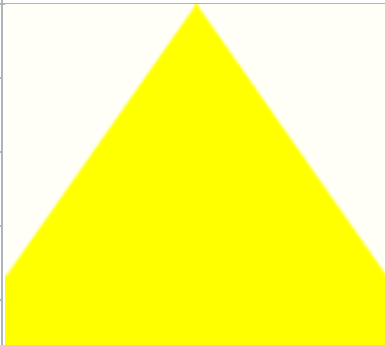


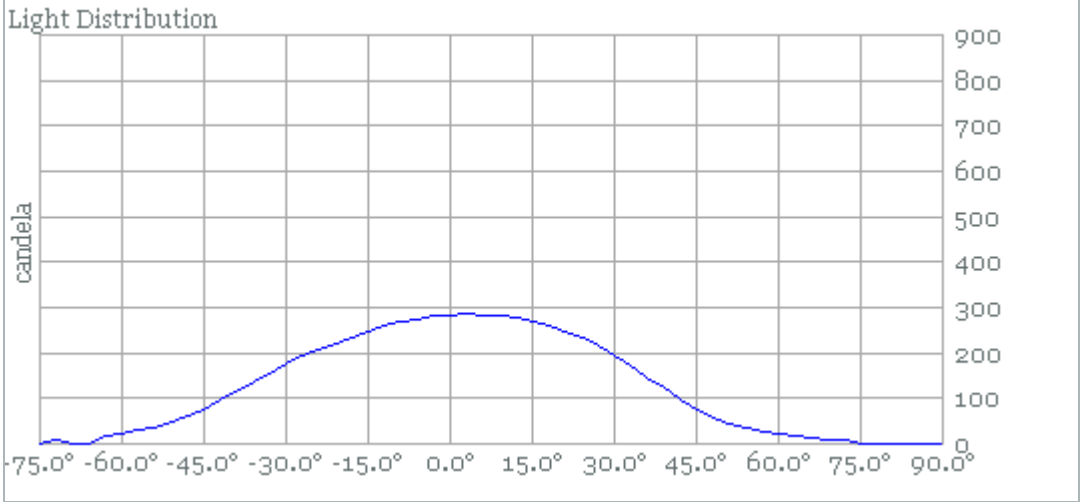
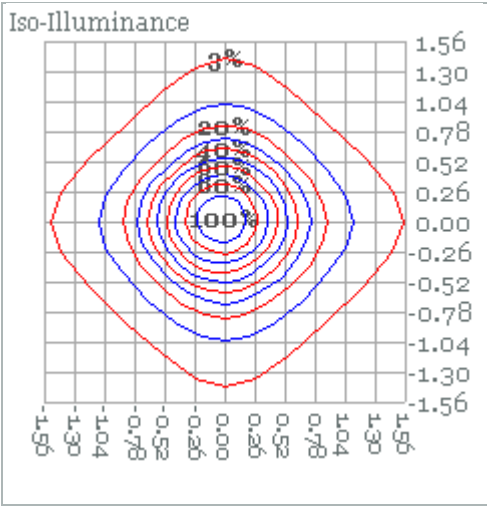
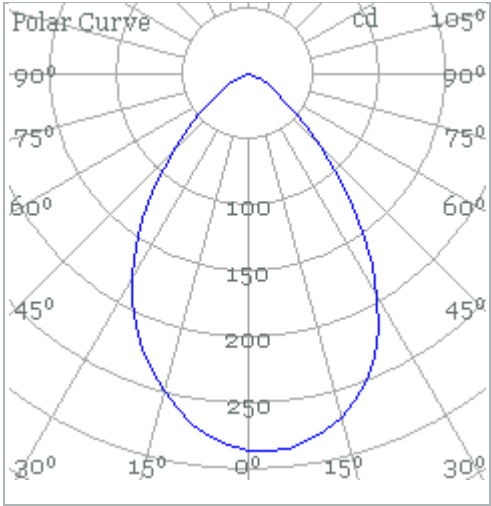
Exterior Linear 320 Graze  
Wide (Only 4x Cold White LEDs on. ) (70°)

m.	Ø 50%	70°	E (lux)	Efficiency
5	7.0		15	0%
10	14.0		4	Half-peak diameter
20	28.0		1	1.40 X distance(m)
30	42.0		0	Illuminance
50	70.0		0	380 / distance <sup>2</sup> (lux)
				Total Output
				520 (lumens)

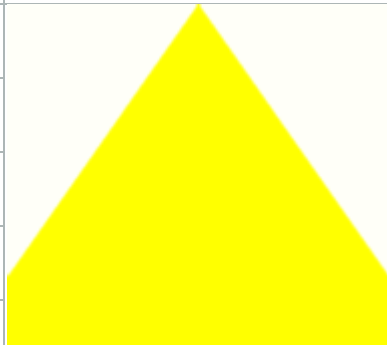


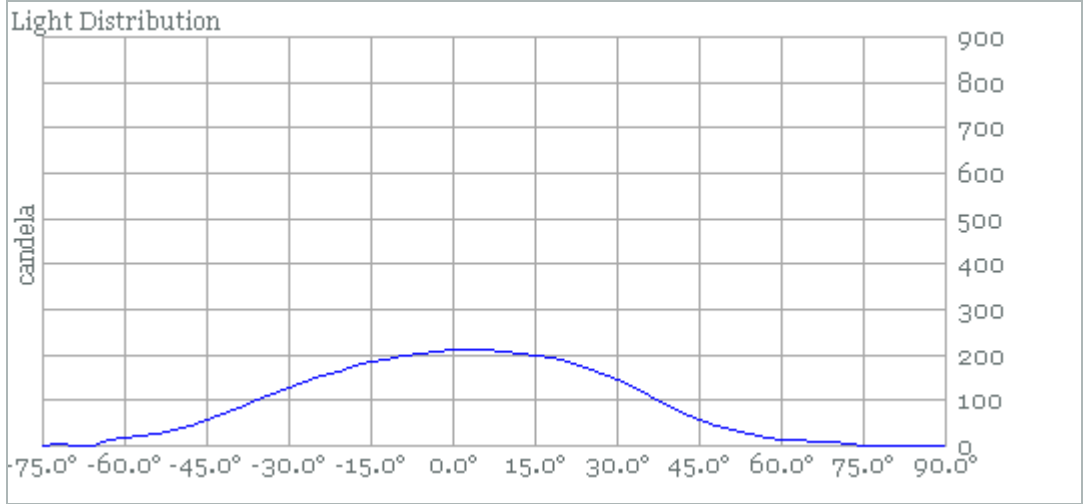
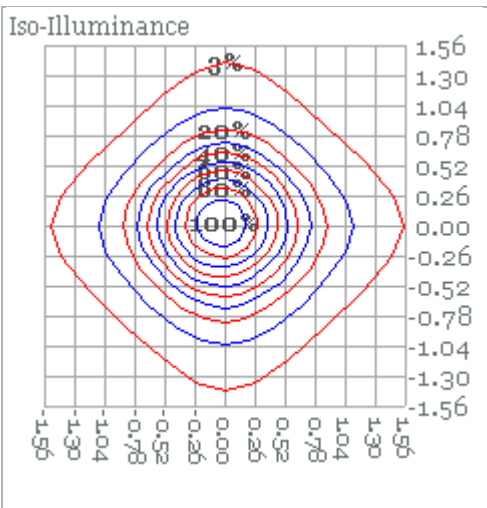
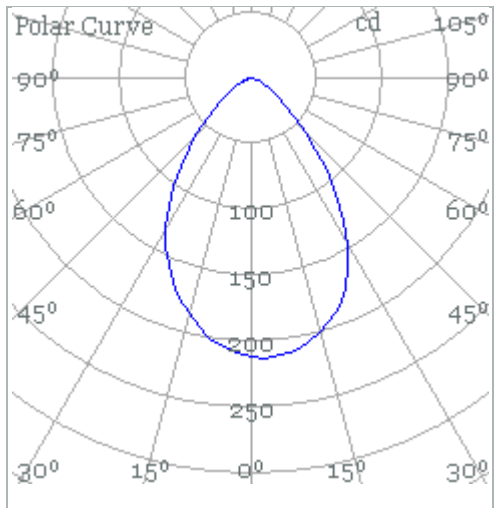
Exterior Linear 320 Graze  
Wide (Only 4x Neutral White LEDs on. ) (70°)

m.	Ø 50%	70°	E (lux)	Efficiency
				0%
5	7.0		12	Half-peak diameter
10	14.0		3	1.40 X distance(m)
20	28.0		1	Illuminance
30	42.0		0	290 / distance <sup>2</sup> (lux)
50	70.0		0	Total Output
				390 (lumens)



Exterior Linear 320 Graze  
Wide (Only 4x Warm White LEDs on. ) (70°)

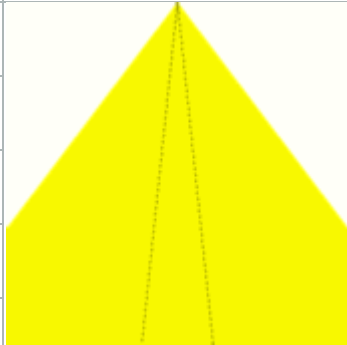
m.	Ø 50%	70°	E (lux)	Efficiency
5	7.0		8	0%
10	14.0		2	Half-peak diameter
20	28.0		1	1.40 X distance(m)
30	42.0		0	Illuminance
50	70.0		0	210 / distance <sup>2</sup> (lux)
				Total Output
				290 (lumens)

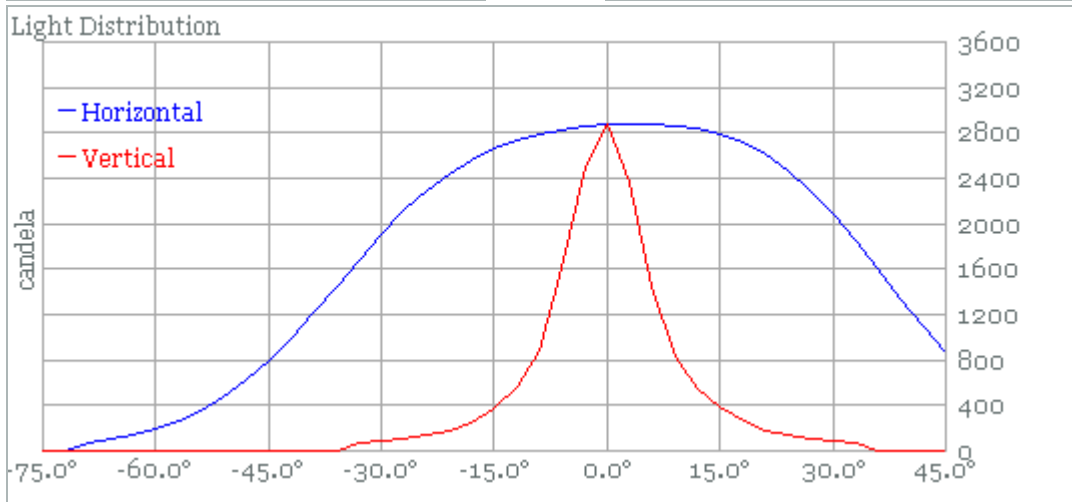
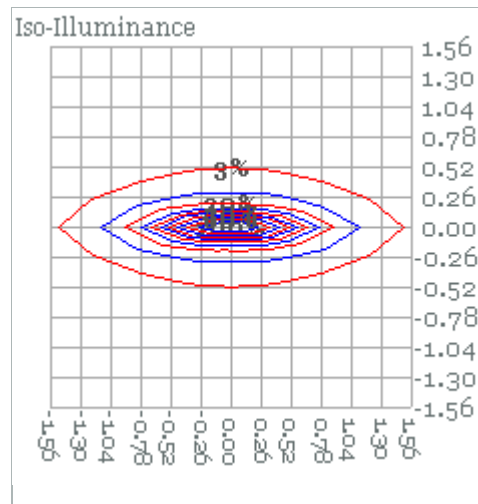
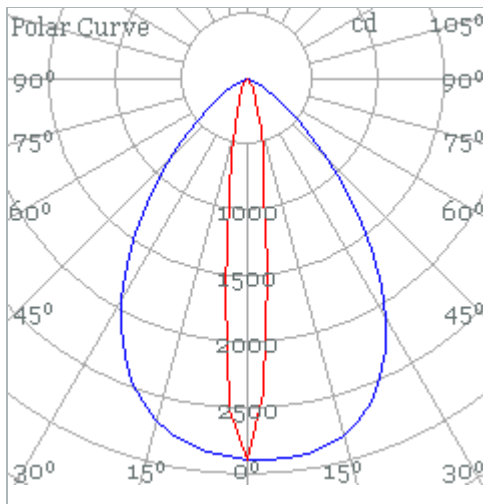




# Exterior Linear 320 Graze

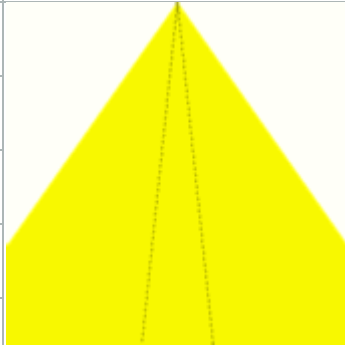
Beamshaper with ellipsoidal beamshaper (All LEDs on. ) (74° X 12.5°)

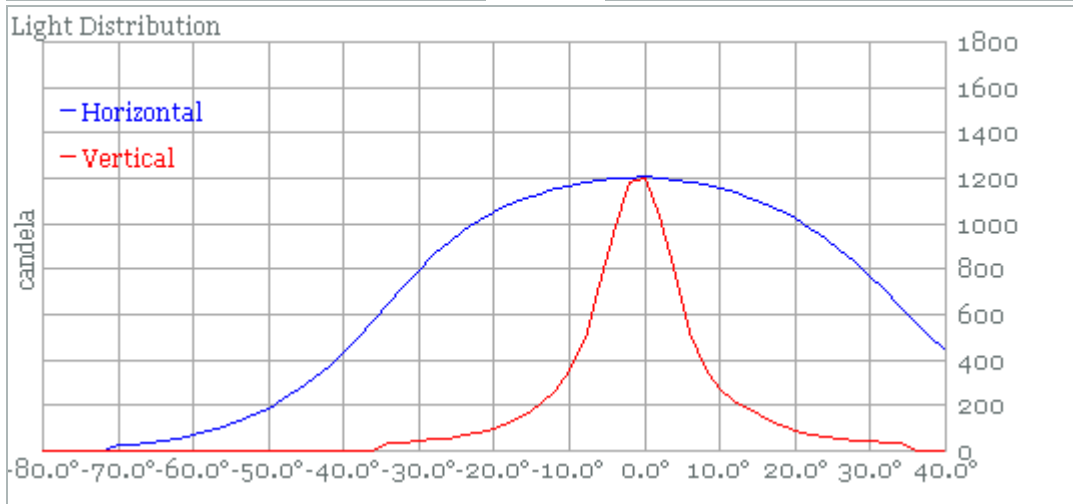
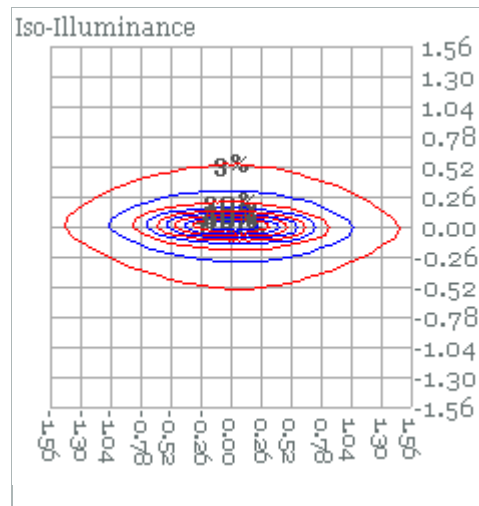
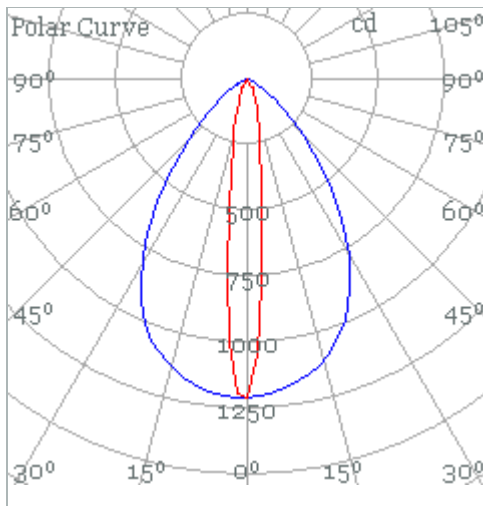
m.	Ø 50%		74°   12.5°	E (lux)	Efficiency
	C <sub>0</sub>	C <sub>90</sub>			0%
5	7.5	1.1		116	Half-peak diameter C <sub>0</sub>
10	15.1	2.2		29	1.51 X distance(m)
20	30.1	4.4		7	Half-peak diameter C <sub>90</sub>
30	45.2	6.6		3	0.22 X distance(m)
50	75.4	11.0		1	Illuminance
					2900 / distance <sup>2</sup> (lux)
					Total Output
					1200 (lumens)



# Exterior Linear 320 Graze

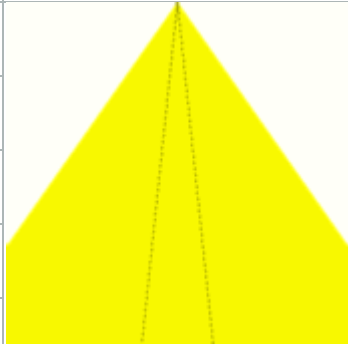
Beamshaper with ellipsoidal beamshaper (Only 4x Cold White LEDs on. ) (70° X 12.5°)

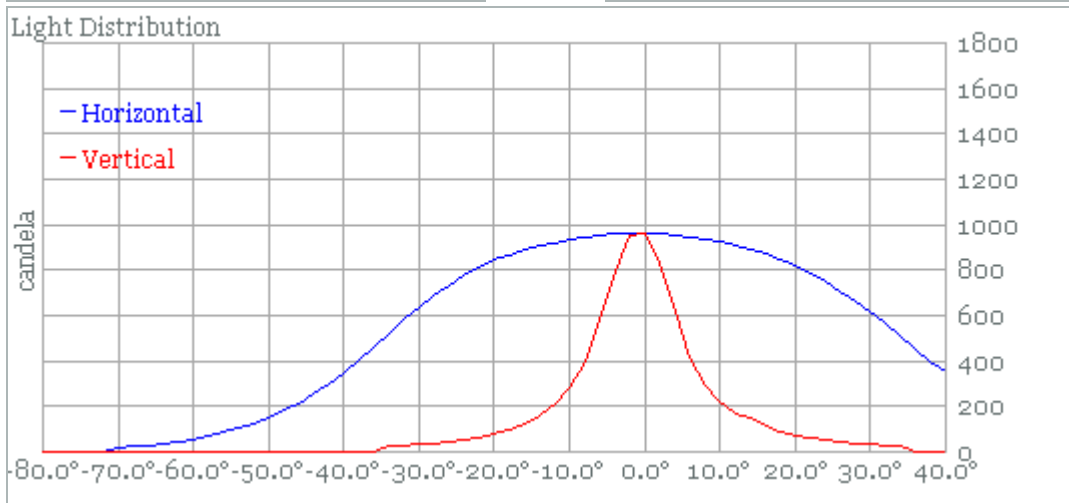
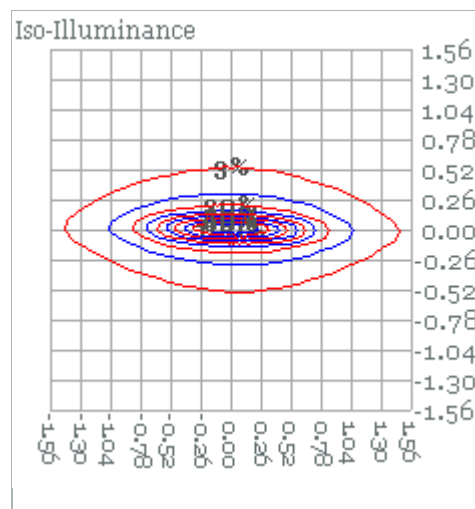
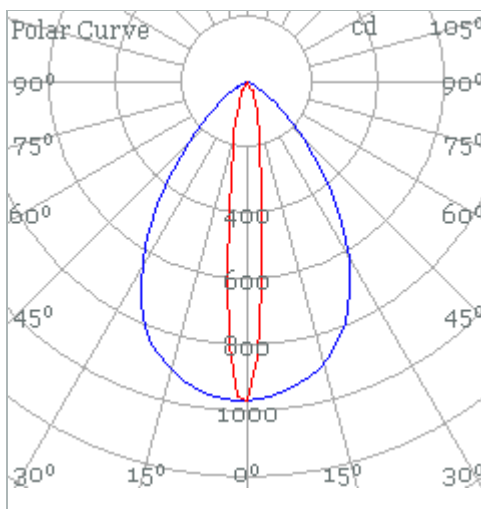
m.	Ø 50%		70°   12.5°	E (lux)	Efficiency
	C <sub>0</sub>	C <sub>90</sub>			0%
5	7.0	1.1		48	Half-peak diameter C <sub>0</sub>
10	14.0	2.2		12	1.40 X distance(m)
20	28.0	4.4		3	Half-peak diameter C <sub>90</sub>
30	42.0	6.6		1	0.22 X distance(m)
50	70.0	11.0		0	Illuminance
					1200 / distance <sup>2</sup> (lux)
					Total Output
					470 (lumens)



# Exterior Linear 320 Graze

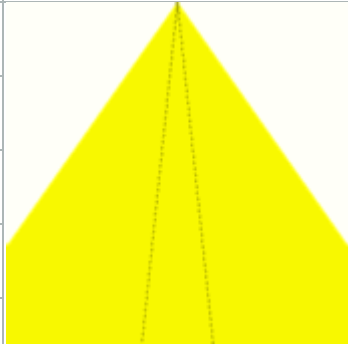
Beamshaper with ellipsoidal beamshaper (Only 4x Neutral White LEDs on. ) (70° X 12.5°)

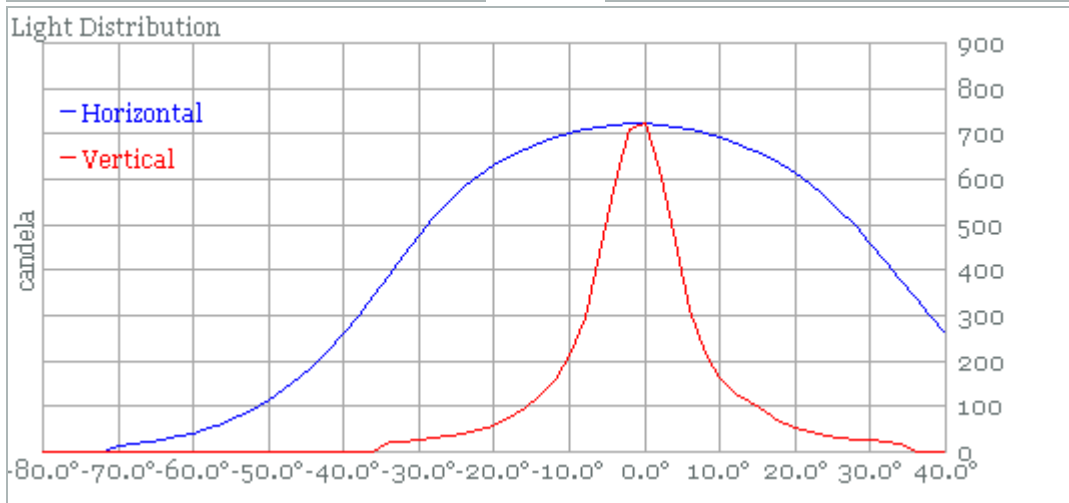
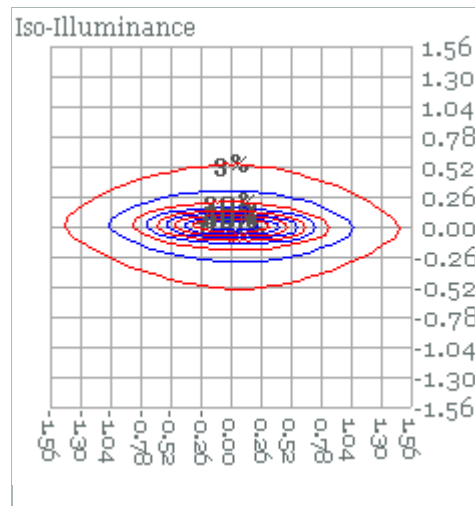
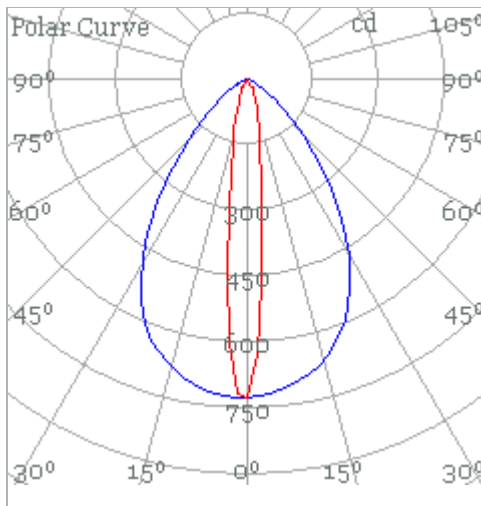
m.	Ø 50%		70°   12.5°	E (lux)	Efficiency
	C <sub>0</sub>	C <sub>90</sub>			0%
5	7.0	1.1		39	Half-peak diameter C <sub>0</sub>
10	14.0	2.2		10	1.40 X distance(m)
20	28.0	4.4		2	Half-peak diameter C <sub>90</sub>
30	42.0	6.6		1	0.22 X distance(m)
50	70.0	11.0		0	Illuminance
					980 / distance <sup>2</sup> (lux)
					Total Output
					380 (lumens)




# Exterior Linear 320 Graze

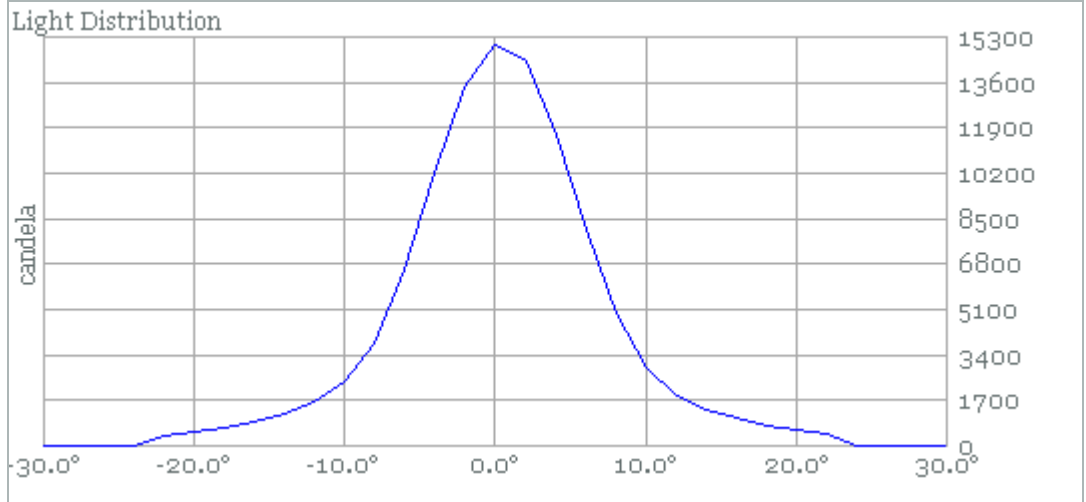
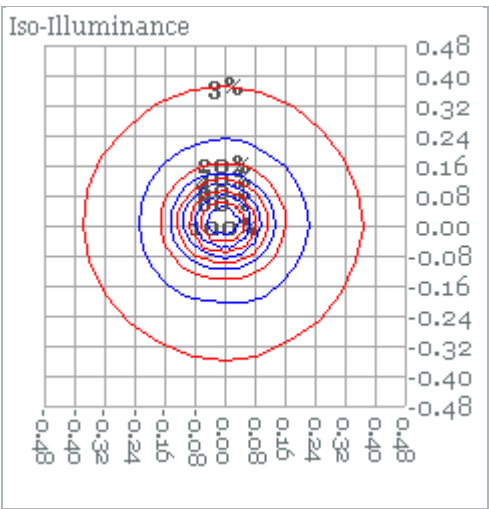
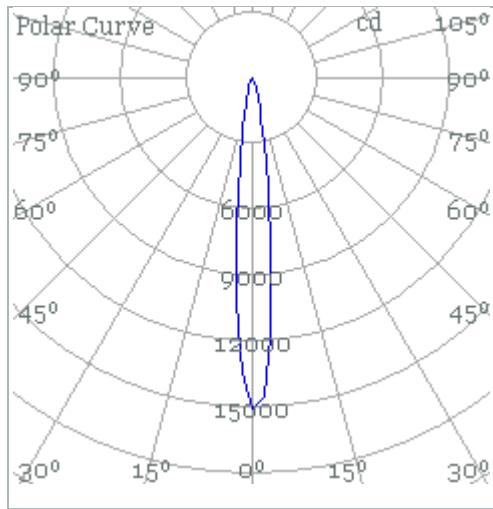
Beamshaper with ellipsoidal beamshaper (Only 4x Warm White LEDs on. ) (70° X 12.5°)

m.	Ø 50%		70°   12.5°	E (lux)	Efficiency
	C <sub>0</sub>	C <sub>90</sub>			0%
5	7.0	1.1		29	Half-peak diameter C <sub>0</sub>
10	14.0	2.2		7	1.40 X distance(m)
20	28.0	4.4		2	Half-peak diameter C <sub>90</sub>
30	42.0	6.6		1	0.22 X distance(m)
50	70.0	11.0		0	Illuminance
					730 / distance <sup>2</sup> (lux)
					Total Output
					280 (lumens)




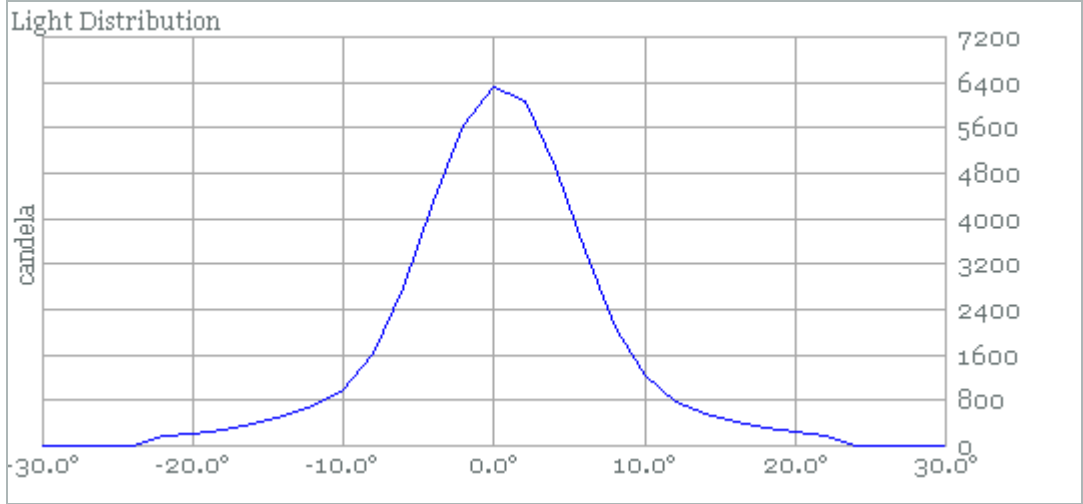
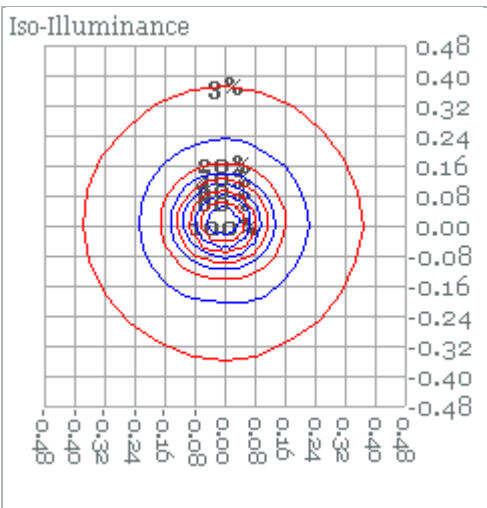
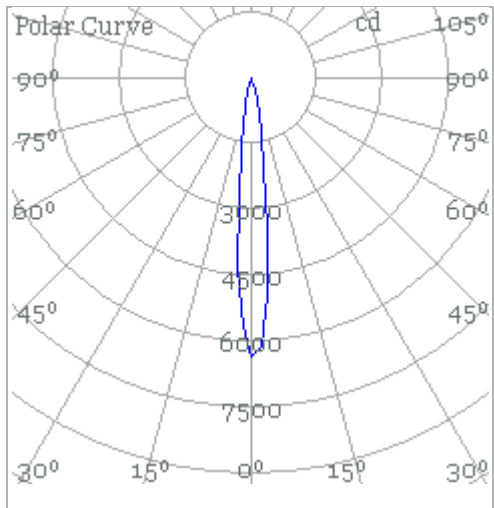
Exterior Linear 320 Graze  
Narrow (All LEDs on. ) (11.5°)

m.	Ø 50%	11.5°	E (lux)	Efficiency
5	1.0		600	0%
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 <sup>2</sup> (lux)
				Total Output
				960 (lumens)




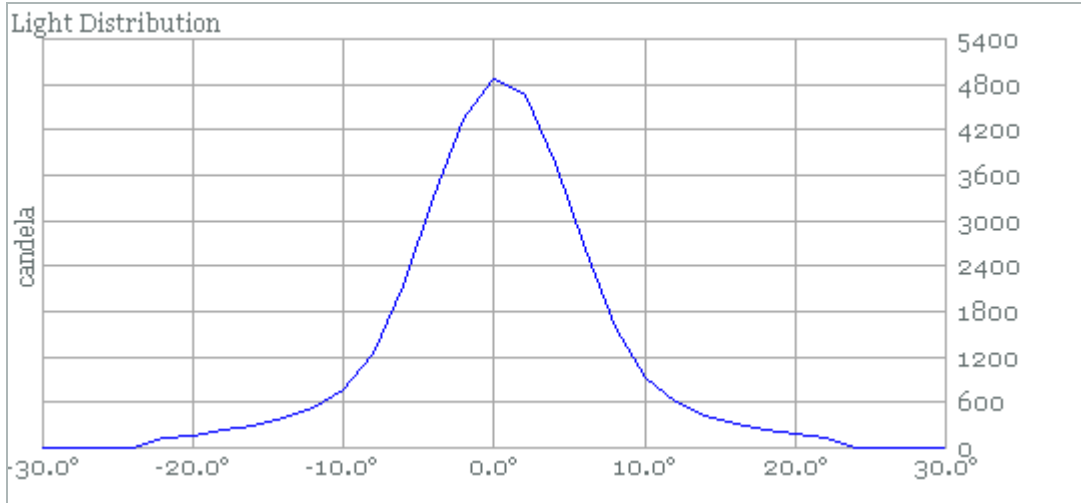
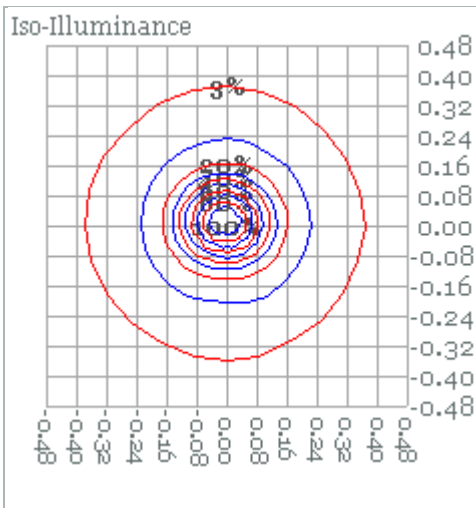
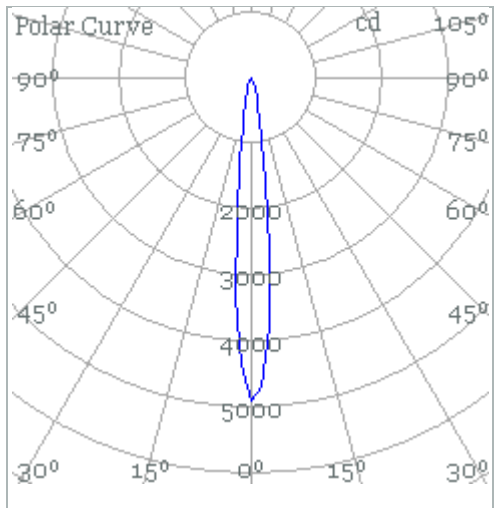
Exterior Linear 320 Graze  
Narrow (Only 4x Cold White LEDs on. ) (11.5°)

m.	Ø 50%	11.5°	E (lux)	Efficiency
5	1.0		256	0%
10	2.0		64	Half-peak diameter
20	4.0		16	0.20 X distance(m)
30	6.0		7	Illuminance
50	10.1		3	6400 / distance <sup>2</sup> (lux)
				Total Output
				410 (lumens)

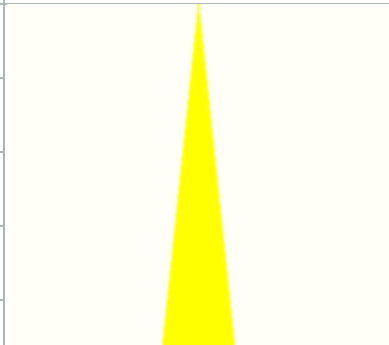


Exterior Linear 320 Graze  
Narrow (Only 4x Neutral White LEDs on. ) (11.5°)

m.	Ø 50%	11.5°	E (lux)	Efficiency
5	1.0		196	0%
10	2.0		49	Half-peak diameter
20	4.0		12	0.20 X distance(m)
30	6.0		5	Illuminance
50	10.1		2	4900 / distance <sup>2</sup> (lux)
				Total Output
				310 (lumens)



Exterior Linear 320 Graze  
Narrow (Only 4x Warm White LEDs on. ) (11.5°)

m.	Ø 50%	11.5°	E (lux)	Efficiency
5	1.0		148	0%
10	2.0		37	Half-peak diameter
20	4.0		9	0.20 X distance(m)
30	6.0		4	Illuminance
50	10.1		1	3700 / distance <sup>2</sup> (lux)
				Total Output
				240 (lumens)

