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Megalite EW1

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Electrical

Voltage: 120 V AC, 60 Hz

Power: 450 W

VA: 452 VA

Current: 3.82 A

PF: 0.99

Output with all emitters RGBW at full

	Lumens at full output	Efficacy
Narrow	6,000	13 lm/W
Wide	7,625	17 lm/W

Color Rendering - White Emitter Only - High CCT

CCT: 7562 K

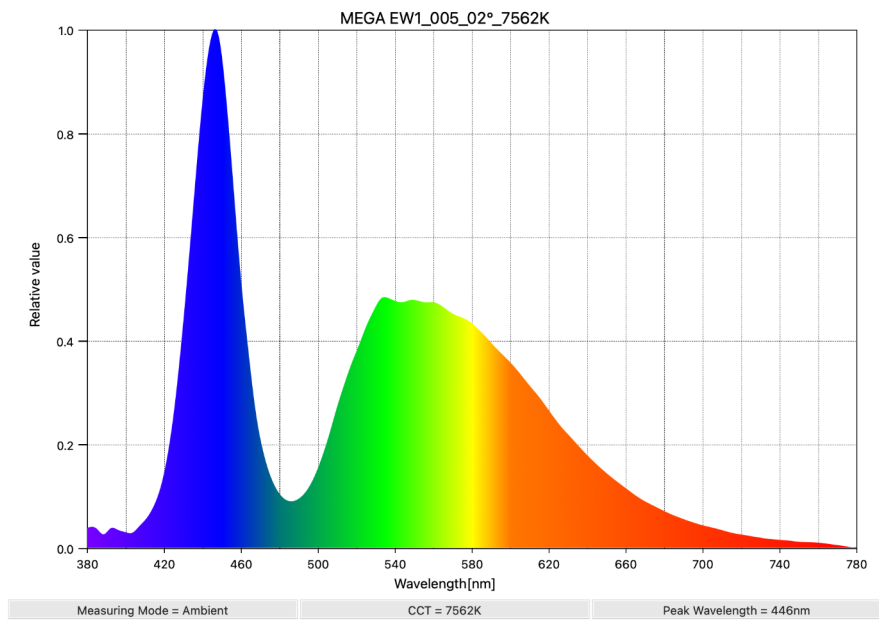
Duv: -0.0033

CRI (Ra): 72

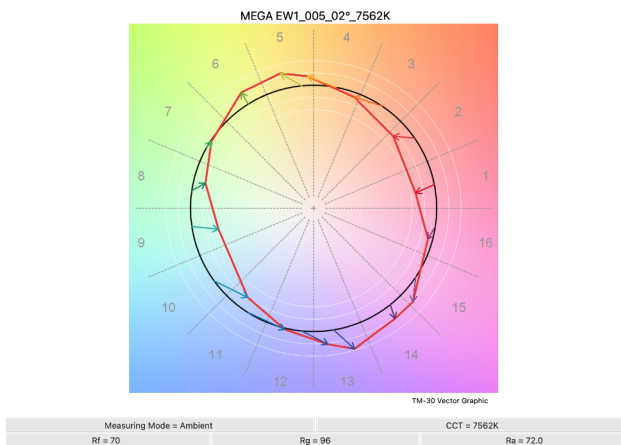
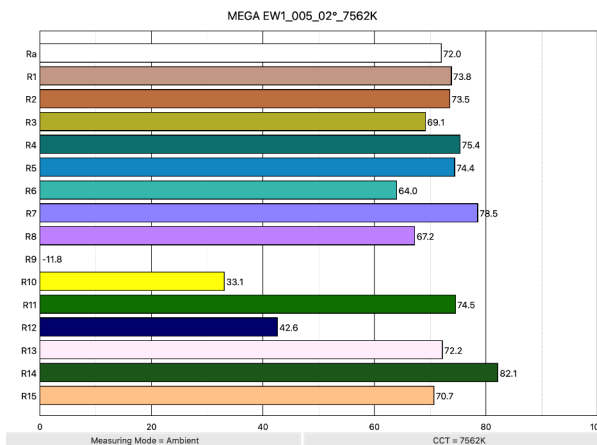
TM-30 Rf: 70

TM-30 Rg: 96

Spectrum



Color Rendering



Color Rendering - White Emitter Only - Low CCT

CCT: 4307 K

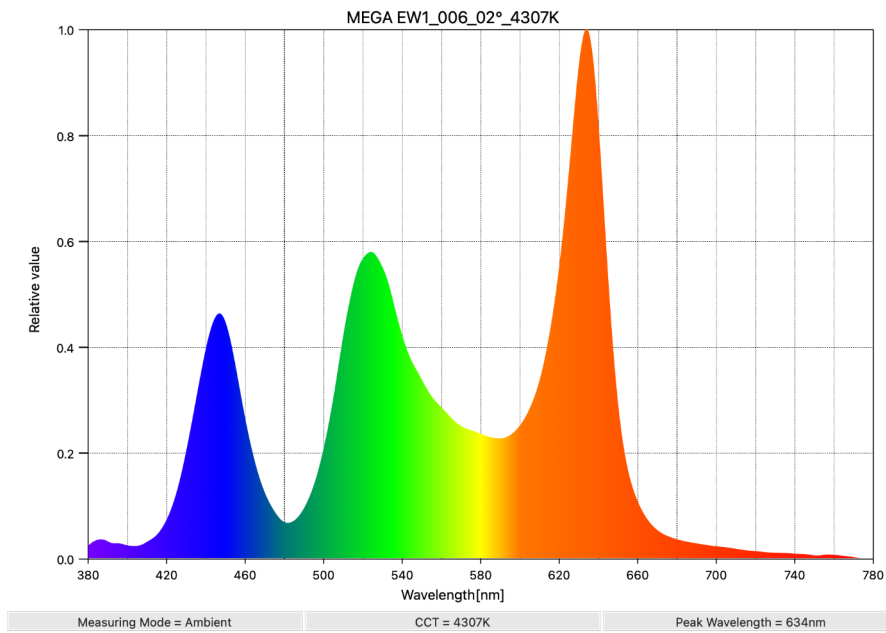
Duv: 0.0005

CRI (Ra): 73

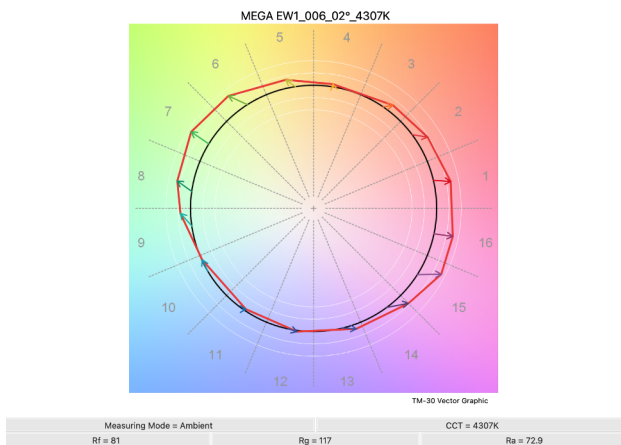
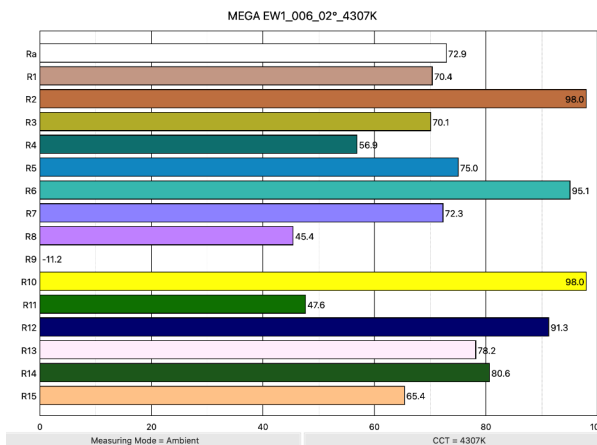
TM-30 Rf: 81

TM-30 Rg: 117

Spectrum



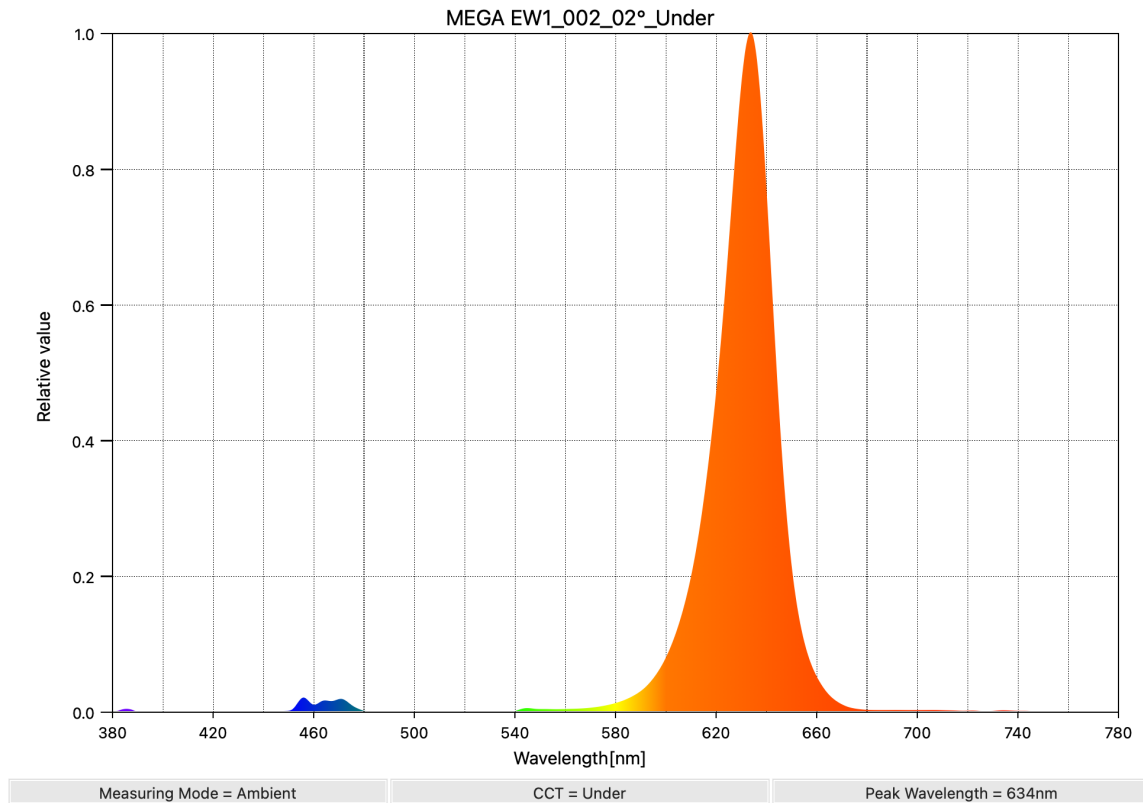
Color Rendering



Red Emitter Only

Peak Wavelength: 634 nm

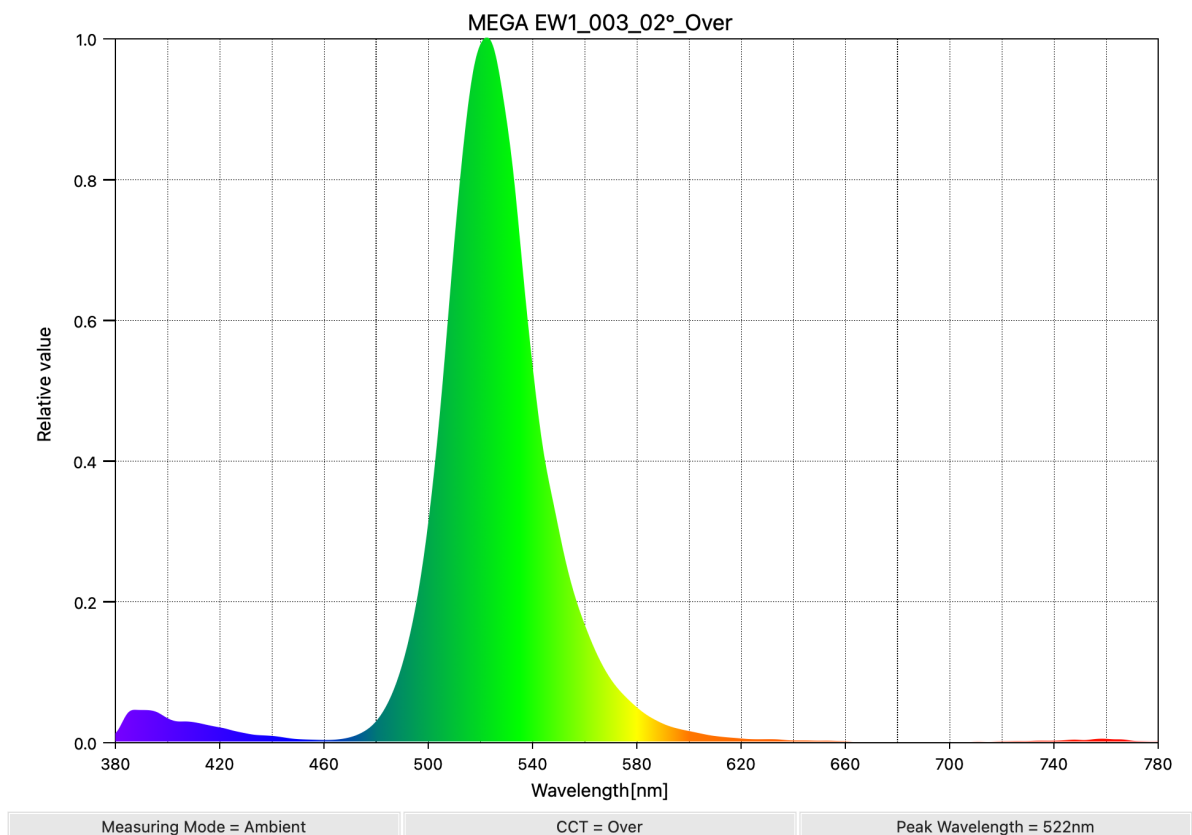
CIE 1931 x,y: 0.6769 0.3028



Green Emitter Only

Peak Wavelength: 522 nm

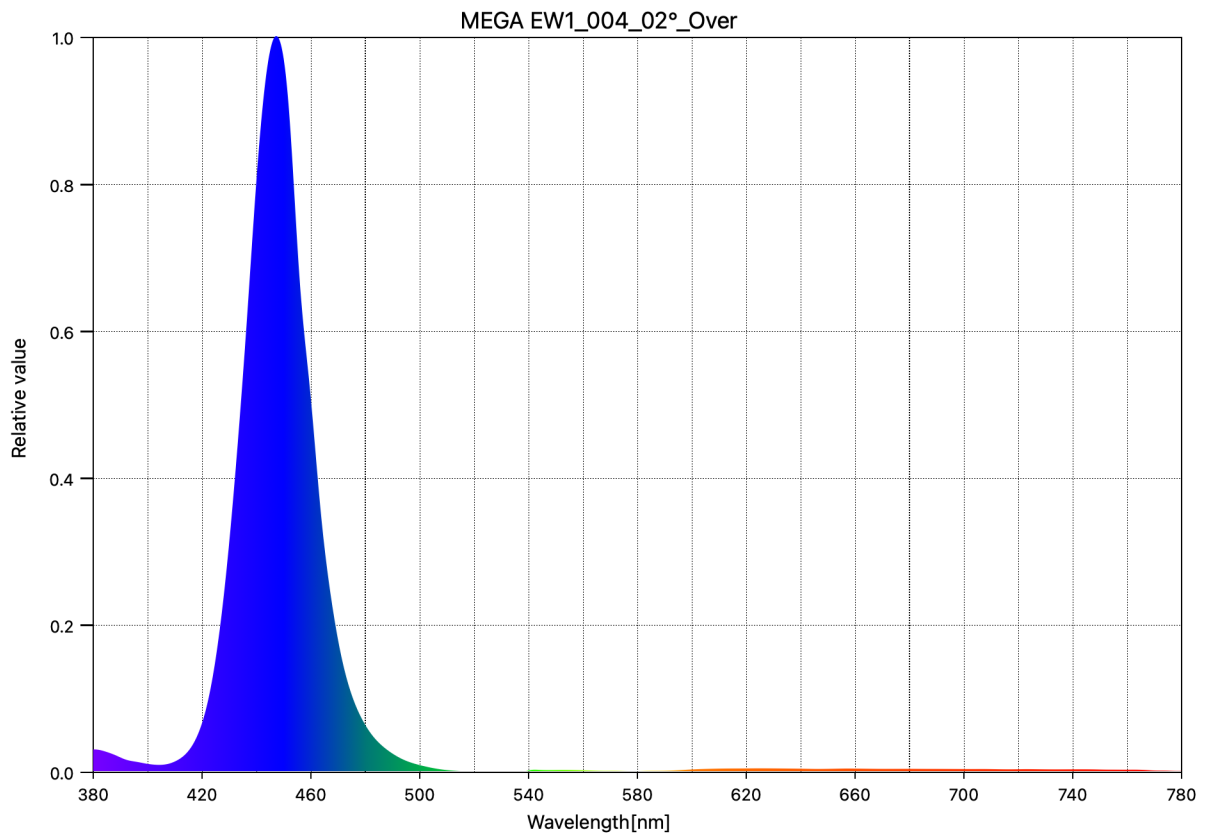
CIE 1931 x,y: 0.1822 0.7093



Blue Emitter Only

Peak Wavelength: 447 nm

CIE 1931 x,y: 0.1574, 0.0233



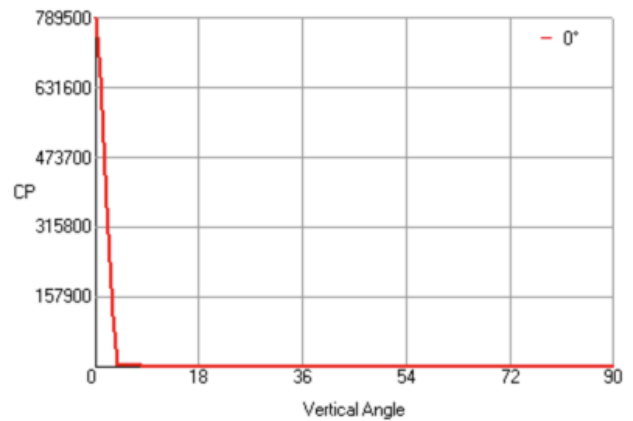
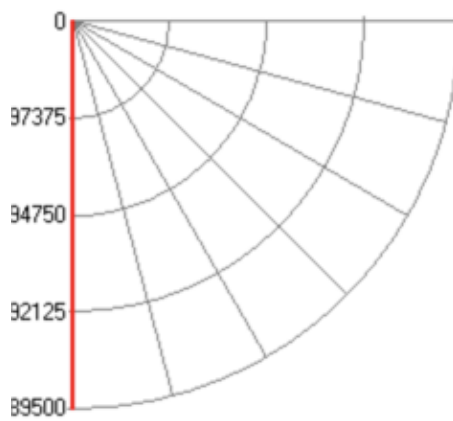
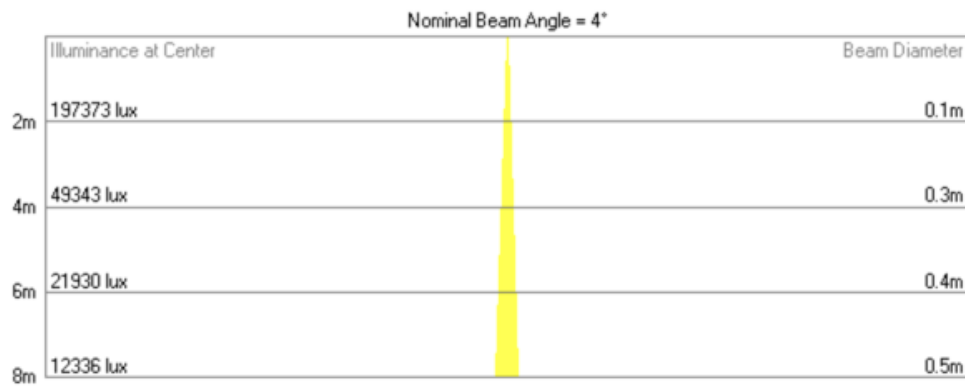
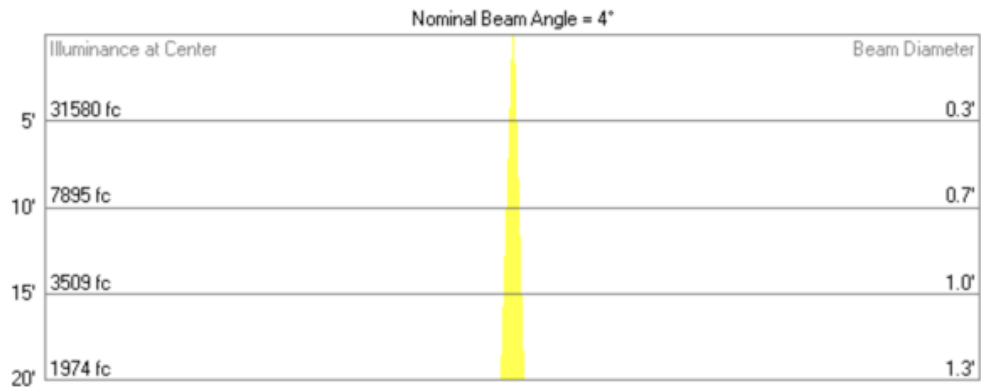
Measuring Mode = Ambient

CCT = Over

Peak Wavelength = 447nm

Full Output All Emitters - Narrow

Lumens at full output: 6000 lm



Zonal Lumen Summary

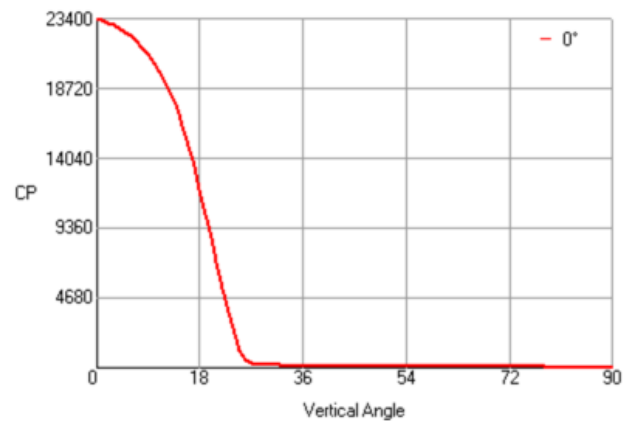
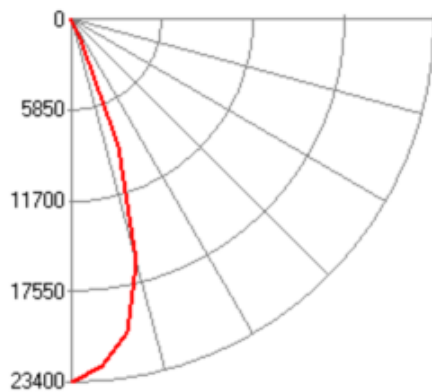
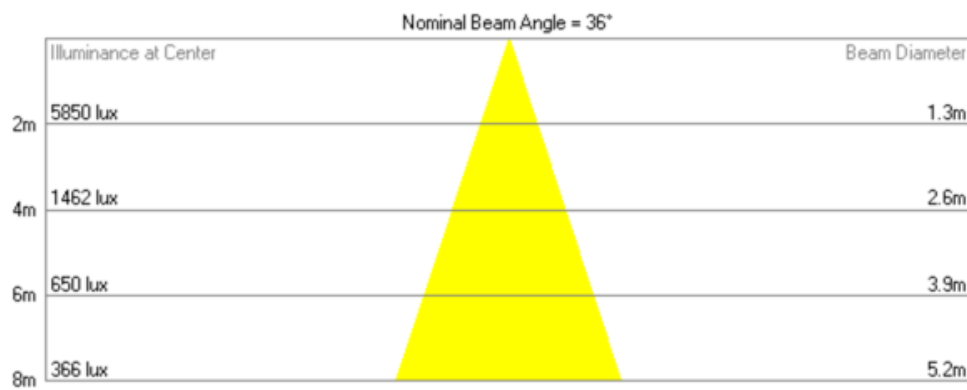
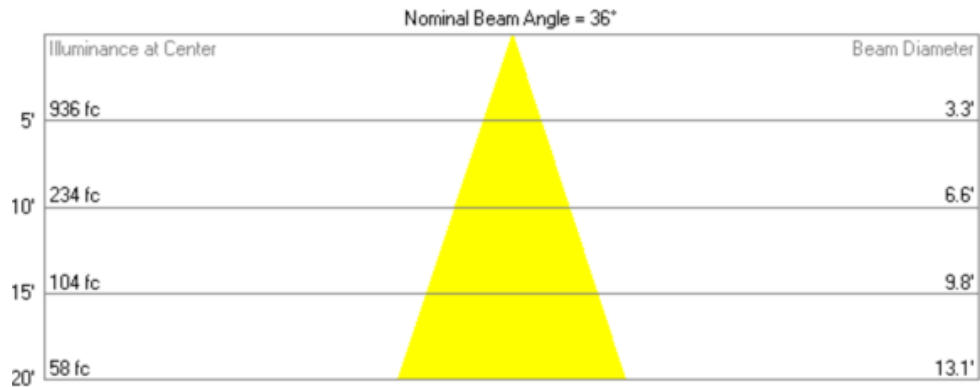
Zone	Lumens
0° - 15°	5745
0° - 30°	5826
0° - 45°	5886
0° - 60°	5963
0° - 90°	6000
0° - 180°	6000

Candela Distribution:

0.0°	789491	31.0°	23	62.0°	26
1.0°	657154	32.0°	23	63.0°	26
2.0°	359865	33.0°	29	64.0°	23
3.0°	115362	34.0°	31	65.0°	23
4.0°	2455	35.0°	36	66.0°	21
5.0°	879	36.0°	47	67.0°	21
6.0°	645	37.0°	57	68.0°	16
7.0°	546	38.0°	65	69.0°	21
8.0°	471	39.0°	73	70.0°	16
9.0°	395	40.0°	78	71.0°	8
10.0°	335	41.0°	78	72.0°	10
11.0°	270	42.0°	83	73.0°	8
12.0°	231	43.0°	88	74.0°	5
13.0°	239	44.0°	86	75.0°	8
14.0°	273	45.0°	86	76.0°	5
15.0°	317	46.0°	83	77.0°	5
16.0°	304	47.0°	78	78.0°	5
17.0°	255	48.0°	70	79.0°	5
18.0°	226	49.0°	73	80.0°	3
19.0°	198	50.0°	75	81.0°	5
20.0°	182	51.0°	70	82.0°	5
21.0°	166	52.0°	68	83.0°	5
22.0°	151	53.0°	65	84.0°	8
23.0°	127	54.0°	57	85.0°	5
24.0°	122	55.0°	57	86.0°	5
25.0°	99	56.0°	52	87.0°	8
26.0°	75	57.0°	44	88.0°	8
27.0°	57	58.0°	36	89.0°	5
28.0°	36	59.0°	34	90.0°	0
29.0°	26	60.0°	31		
30.0°	26	61.0°	26		

Full Output All Emitters - Wide

Lumens at full output: 7625 lm



Zonal Lumen Summary

Zone	Lumens
0° - 15°	4331
0° - 30°	7420
0° - 45°	7499
0° - 60°	7554
0° - 90°	7625
0° - 180°	7625

Candela Distribution:

0.0°	23399	31.0°	131	62.0°	45
1.0°	23330	32.0°	123	63.0°	40
2.0°	23169	33.0°	110	64.0°	37
3.0°	22972	34.0°	99	65.0°	37
4.0°	22800	35.0°	91	66.0°	35
5.0°	22536	36.0°	83	67.0°	32
6.0°	22252	37.0°	78	68.0°	32
7.0°	21910	38.0°	70	69.0°	27
8.0°	21501	39.0°	67	70.0°	27
9.0°	21031	40.0°	61	71.0°	27
10.0°	20456	41.0°	56	72.0°	27
11.0°	19865	42.0°	56	73.0°	21
12.0°	19148	43.0°	56	74.0°	21
13.0°	18378	44.0°	51	75.0°	24
14.0°	17341	45.0°	48	76.0°	16
15.0°	16221	46.0°	48	77.0°	16
16.0°	14921	47.0°	48	78.0°	16
17.0°	13510	48.0°	43	79.0°	13
18.0°	11943	49.0°	43	80.0°	13
19.0°	10301	50.0°	43	81.0°	13
20.0°	8735	51.0°	37	82.0°	11
21.0°	7016	52.0°	37	83.0°	13
22.0°	5278	53.0°	37	84.0°	13
23.0°	3687	54.0°	37	85.0°	11
24.0°	2224	55.0°	37	86.0°	11
25.0°	1096	56.0°	37	87.0°	13
26.0°	497	57.0°	40	88.0°	13
27.0°	222	58.0°	45	89.0°	11
28.0°	182	59.0°	45	90.0°	0
29.0°	160	60.0°	45		
30.0°	144	61.0°	48		