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## Megalite N-E Pixstrip

January 6, 2023

### Electrical

Voltage: 120 V AC, 60 Hz

Power: 132 W

VA: 132 VA

Current: 1.1 A

PF: 1.0

### Output with all emitters RGBWAUV at full

	Lumens at full output	Efficacy
Standard	5490	41 lm/W
Diffuser	1908	14.5 lm/W

# Color Rendering - White Emitter Only

CCT: 6013 K

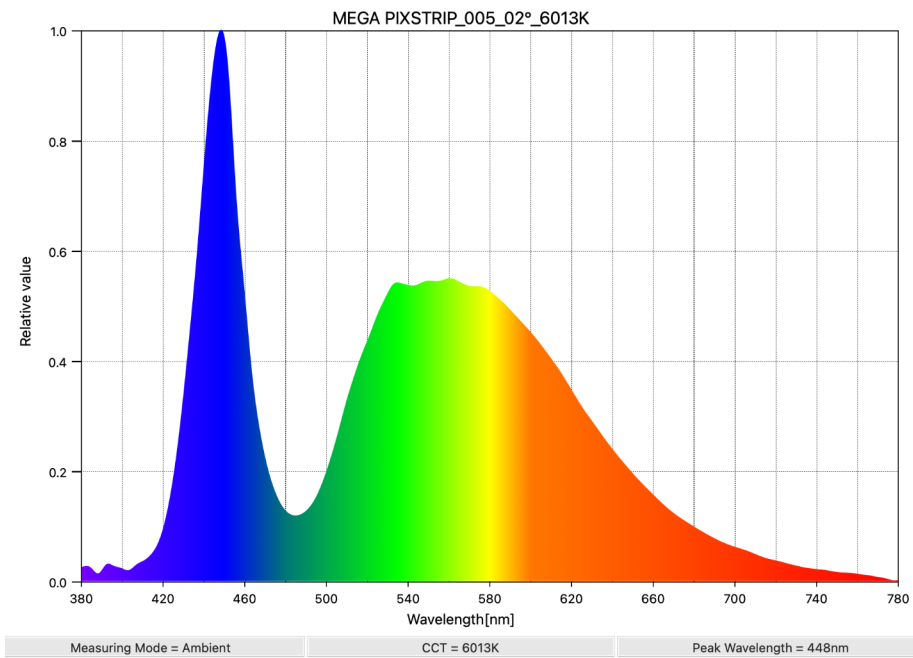
Duv: 0.0001

CRI (Ra): 74

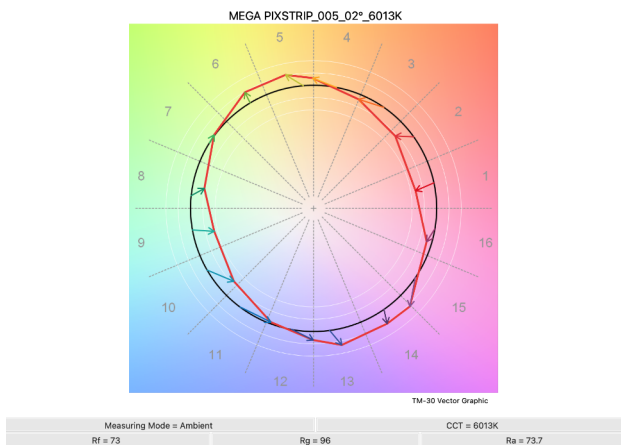
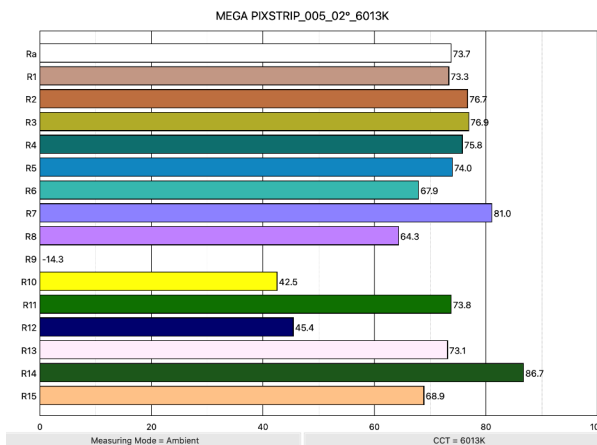
TM-30 Rf: 73

TM-30 Rg: 96

## Spectrum



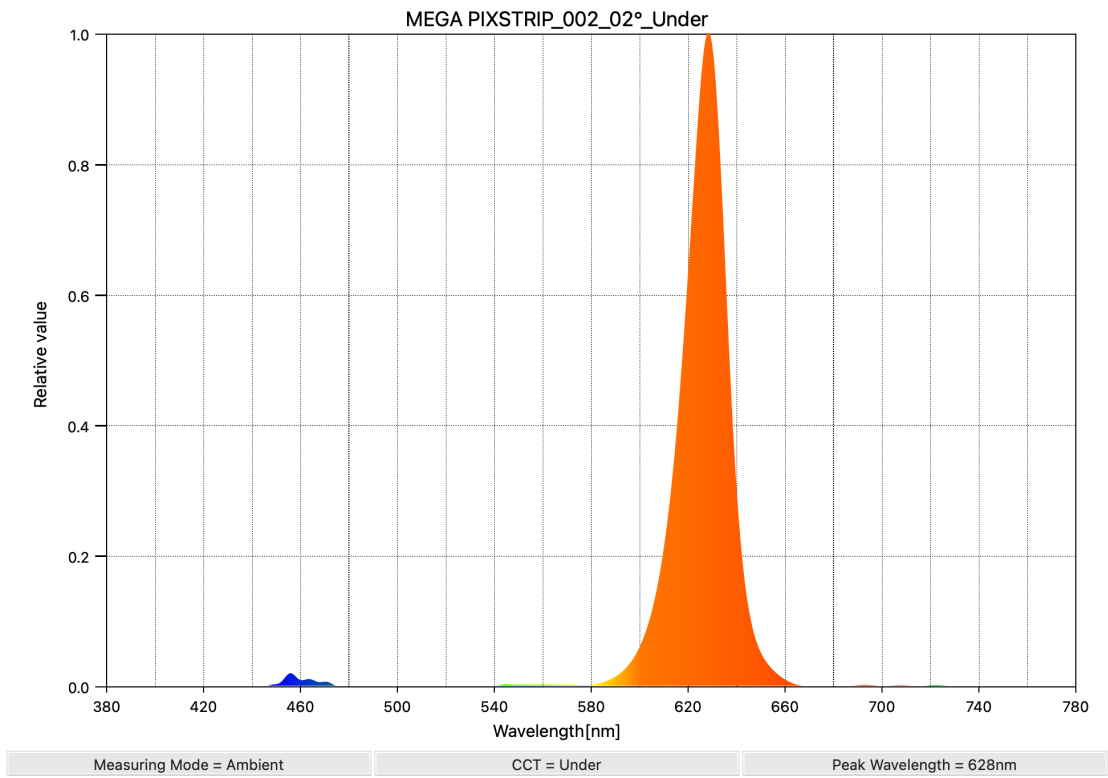
## Color Rendering



## Red Emitter Only

Peak Wavelength: 628 nm

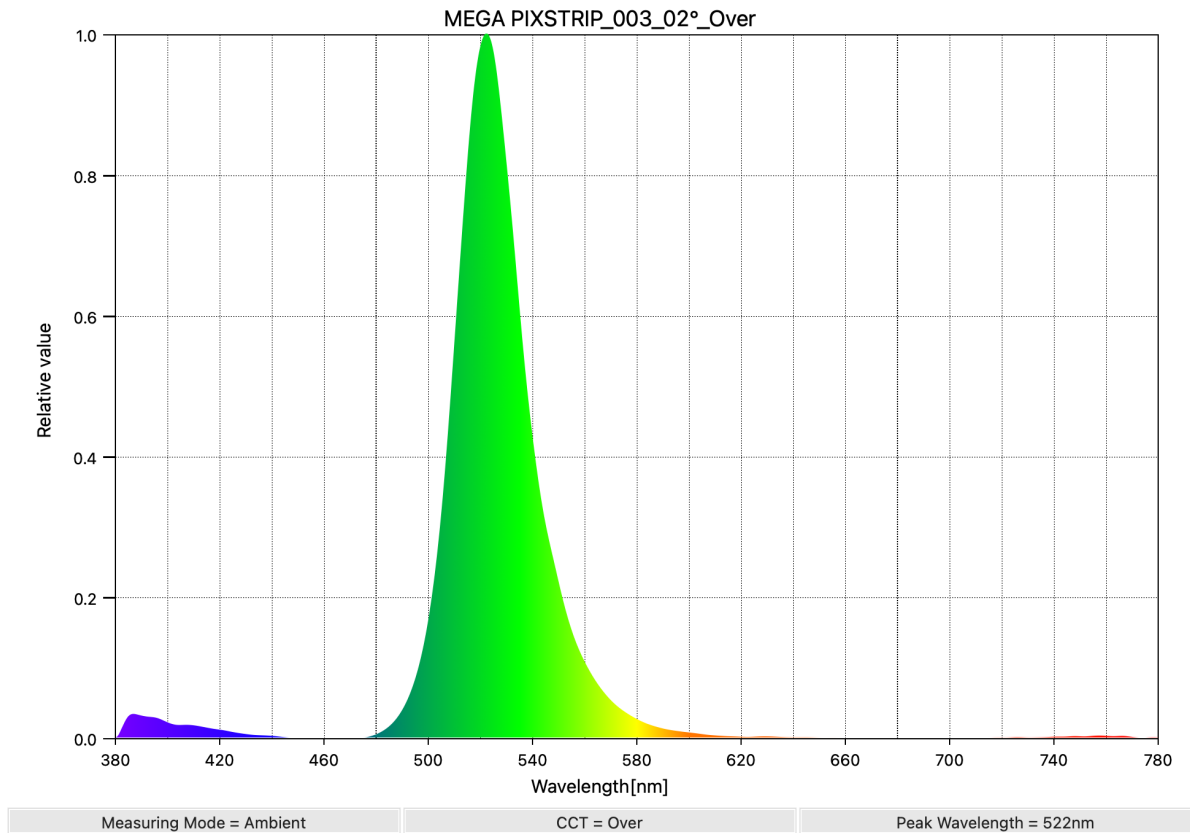
CIE 1931 x,y: 0.6810 0.3038



## Green Emitter Only

Peak Wavelength: 522 nm

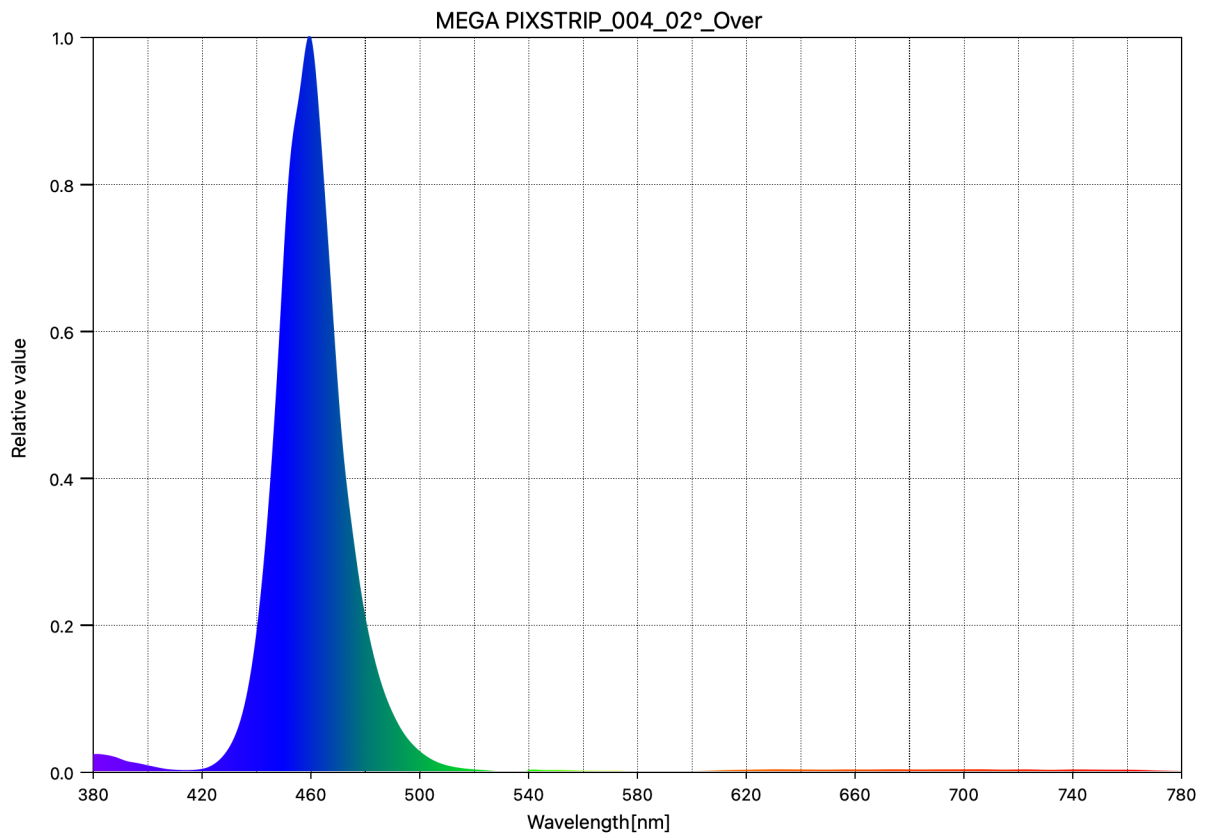
CIE 1931 x,y: 0.1695 0.7427



## Blue Emitter Only

Peak Wavelength: 459 nm

CIE 1931 x,y: 0.1436, 0.0406



Measuring Mode = Ambient

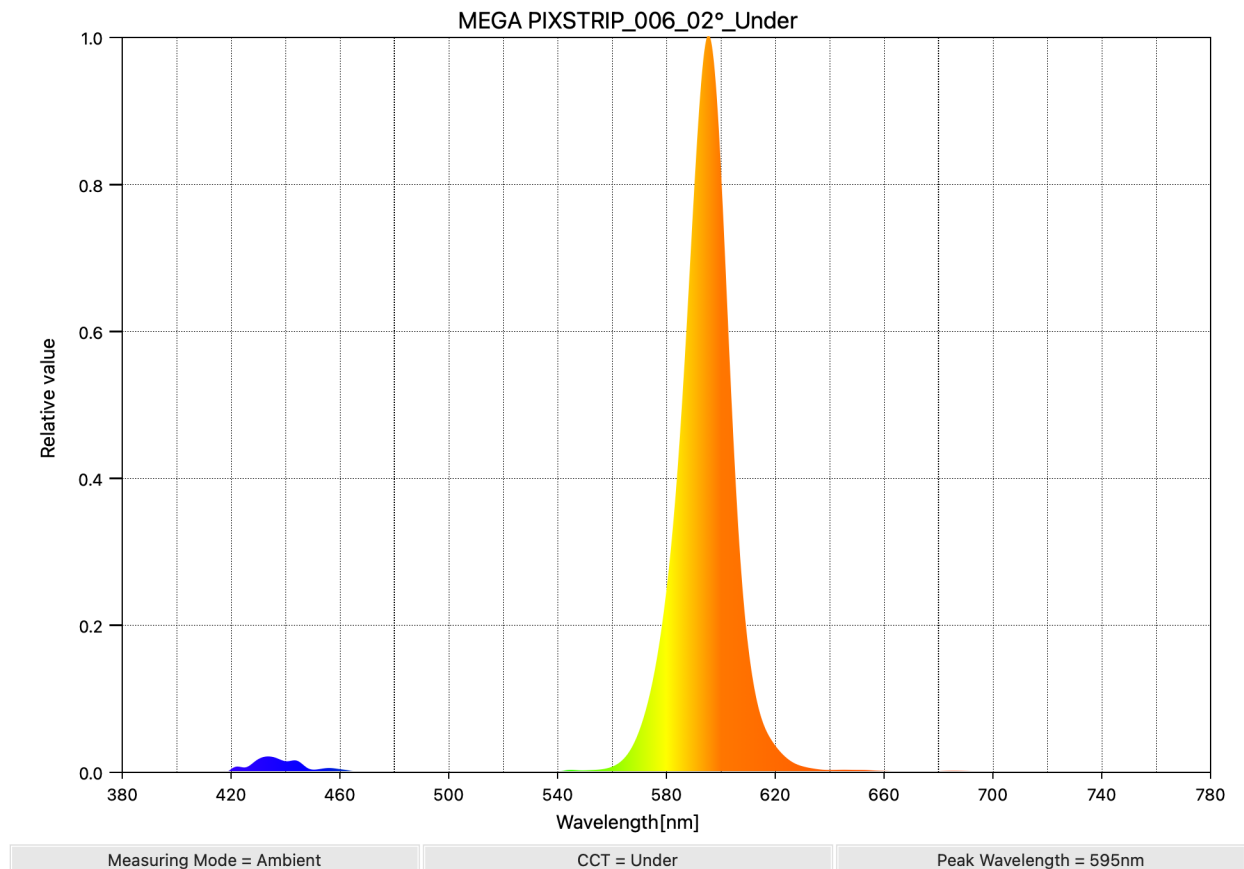
CCT = Over

Peak Wavelength = 459nm

## Amber Emitter Only

Peak Wavelength: 595 nm

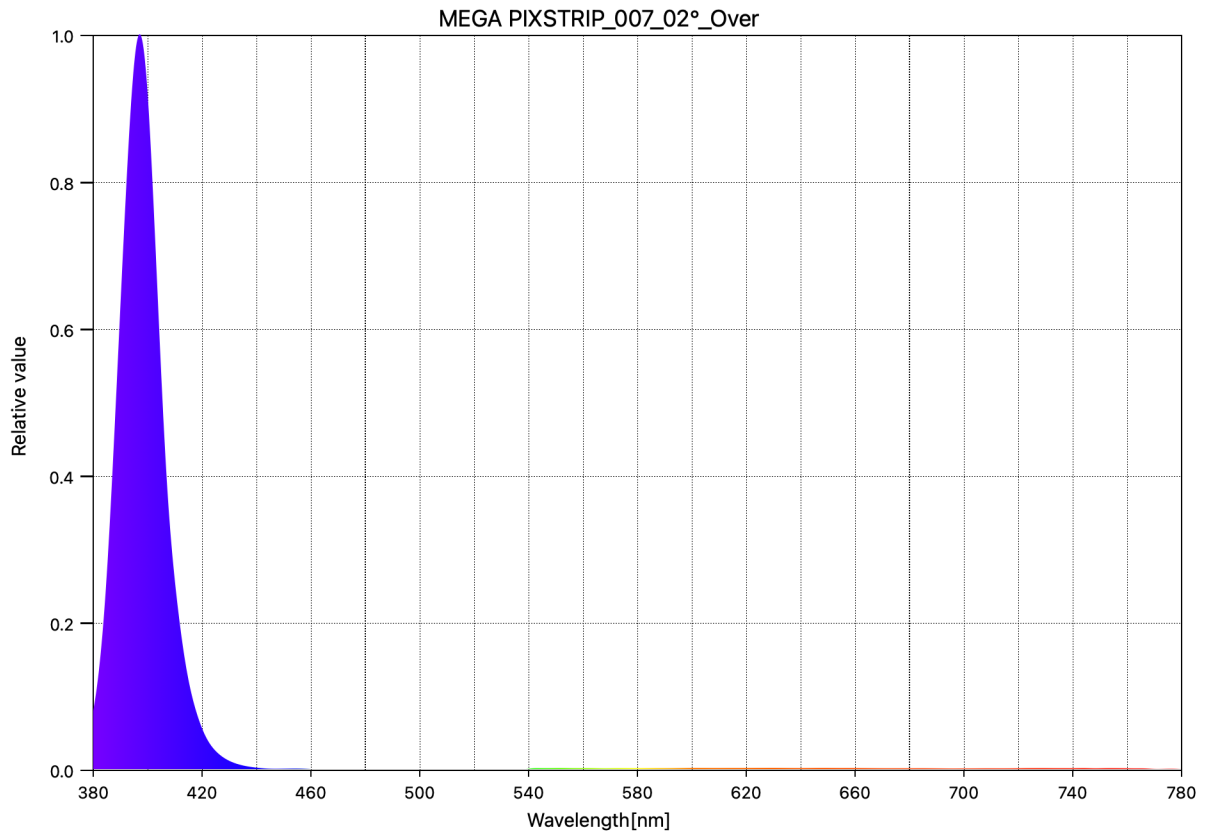
CIE 1931 x,y: 0.5825, 0.4003



## UV Emitter Only

Peak Wavelength: 397 nm

CIE 1931 x,y: 0.2067, 0.0456



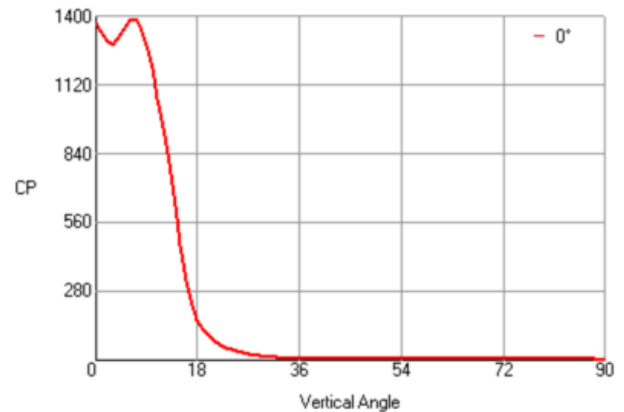
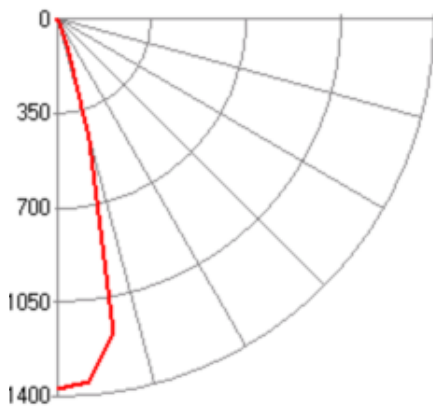
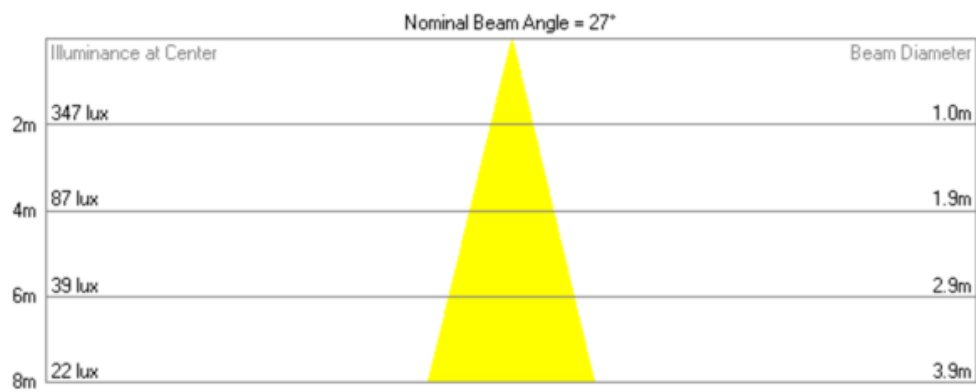
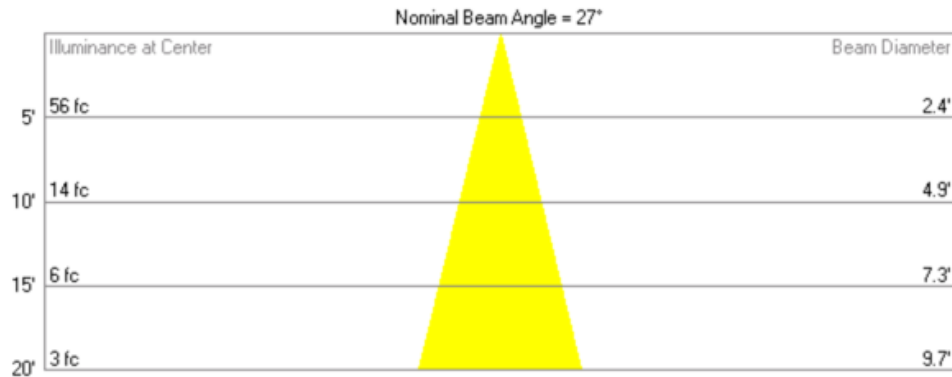
Measuring Mode = Ambient

CCT = Over

Peak Wavelength = 397nm

# Full Output All Emitters - Standard

Lumens at full output: 5490 lm





## Zonal Lumen Summary

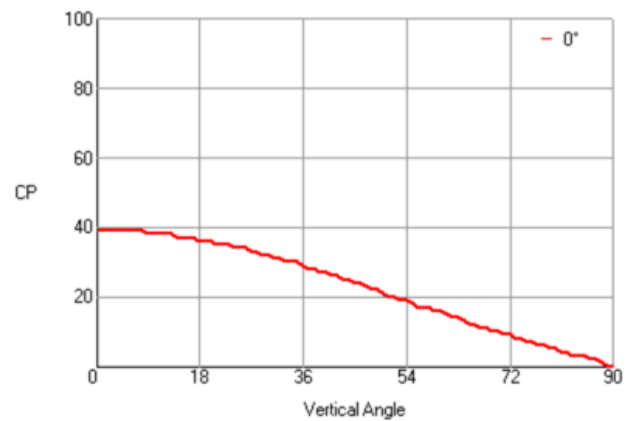
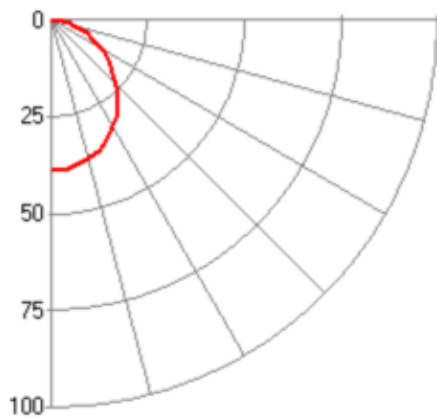
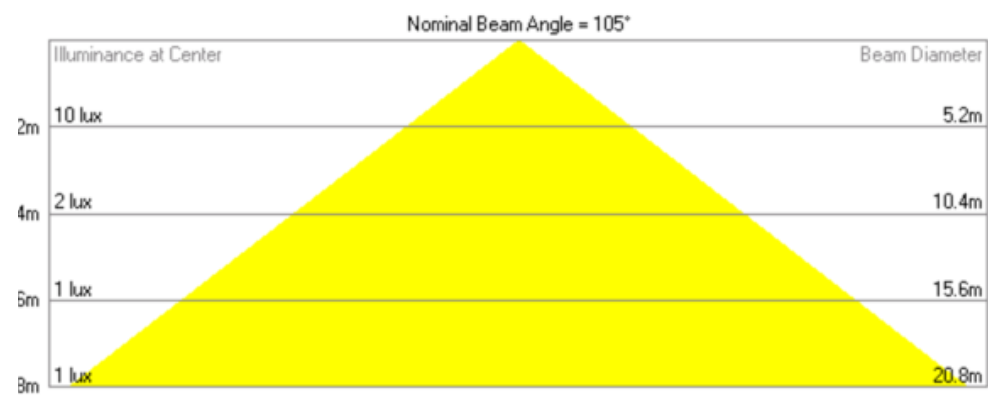
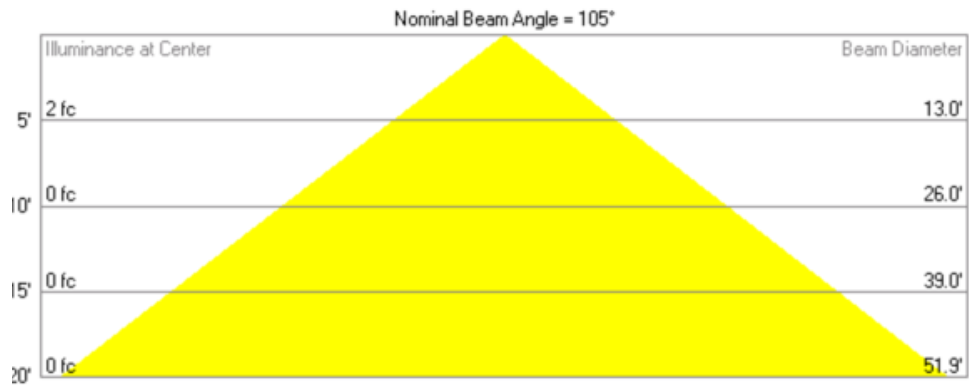
Zone	Lumens
0° - 15°	233
0° - 30°	281
0° - 45°	287
0° - 60°	293
0° - 90°	305
0° - 180°	305

## Candela Distribution:

	0.0°	30.0° 12	61.0° 4
0.0°	1373	31.0° 10	62.0° 4
1.0°	1341	32.0° 9	63.0° 4
2.0°	1301	33.0° 7	64.0° 4
3.0°	1284	34.0° 6	65.0° 4
4.0°	1309	35.0° 6	66.0° 4
5.0°	1349	36.0° 5	67.0° 4
6.0°	1381	37.0° 5	68.0° 4
7.0°	1389	38.0° 5	69.0° 4
8.0°	1357	39.0° 5	70.0° 4
9.0°	1284	40.0° 5	71.0° 4
10.0°	1188	41.0° 5	72.0° 4
11.0°	1068	42.0° 5	73.0° 4
12.0°	947	43.0° 5	74.0° 4
13.0°	803	44.0° 5	75.0° 4
14.0°	629	45.0° 5	76.0° 4
15.0°	463	46.0° 5	77.0° 4
16.0°	321	47.0° 5	78.0° 4
17.0°	222	48.0° 5	79.0° 4
18.0°	163	49.0° 5	80.0° 4
19.0°	125	50.0° 4	81.0° 4
20.0°	97	51.0° 4	82.0° 4
21.0°	77	52.0° 4	83.0° 4
22.0°	61	53.0° 4	84.0° 4
23.0°	49	54.0° 4	85.0° 4
24.0°	39	55.0° 4	86.0° 4
25.0°	33	56.0° 4	87.0° 4
26.0°	26	57.0° 4	88.0° 4
27.0°	22	58.0° 4	89.0° 0
28.0°	17	59.0° 4	90.0° 0
29.0°	14	60.0° 4	

# Full Output All Emitters - Diffuser

Lumens at full output: 1908 lm



## Zonal Lumen Summary

Zone	Lumens
0° - 15°	8
0° - 30°	30
0° - 45°	58
0° - 60°	83
0° - 90°	106
0° - 180°	106

## Candela Distribution:

	0.0°	30.0°	32	61.0°	15
0.0°	39	31.0°	31	62.0°	14
1.0°	39	32.0°	31	63.0°	14
2.0°	39	33.0°	30	64.0°	13
3.0°	39	34.0°	30	65.0°	12
4.0°	39	35.0°	30	66.0°	12
5.0°	39	36.0°	29	67.0°	11
6.0°	39	37.0°	28	68.0°	11
7.0°	39	38.0°	28	69.0°	10
8.0°	39	39.0°	27	70.0°	10
9.0°	38	40.0°	27	71.0°	9
10.0°	38	41.0°	26	72.0°	9
11.0°	38	42.0°	26	73.0°	8
12.0°	38	43.0°	25	74.0°	8
13.0°	38	44.0°	25	75.0°	7
14.0°	37	45.0°	24	76.0°	7
15.0°	37	46.0°	24	77.0°	6
16.0°	37	47.0°	23	78.0°	6
17.0°	37	48.0°	22	79.0°	5
18.0°	36	49.0°	22	80.0°	5
19.0°	36	50.0°	21	81.0°	4
20.0°	36	51.0°	20	82.0°	4
21.0°	35	52.0°	20	83.0°	3
22.0°	35	53.0°	19	84.0°	3
23.0°	35	54.0°	19	85.0°	3
24.0°	34	55.0°	18	86.0°	2
25.0°	34	56.0°	17	87.0°	2
26.0°	34	57.0°	17	88.0°	1
27.0°	33	58.0°	17	89.0°	0
28.0°	33	59.0°	16	90.0°	0
29.0°	32	60.0°	16		