

Mike Wood Consulting LLC

3705 Ebony Hollow Pass, Austin, TX 78739

Phone: (512) 288-4916

Cell: (512) 656-6377

www.mikewoodconsulting.com

Megalite Pantbot

January 4, 2023

Electrical

Voltage: 120 V AC, 60 Hz

Power: 397 W

VA: 408 VA

Current: 3.26 A

PF: 0.99

Output with all emitters RGBW at full

	Lumens at full output	Efficacy
Standard	28595	72 lm/W

Color Rendering - White Emitter Only

CCT: 6911 K

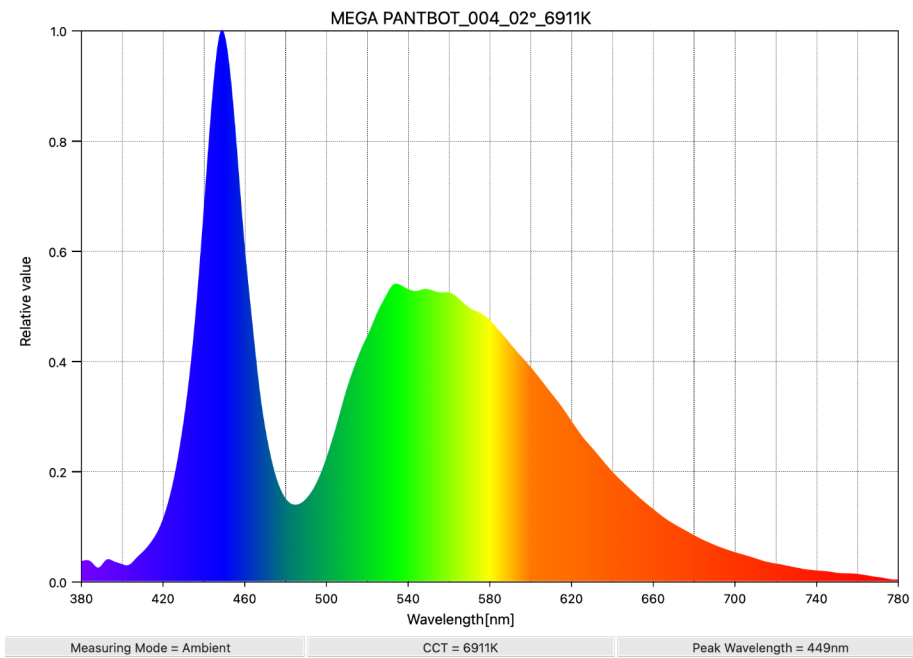
Duv: 0.0053

CRI (Ra): 73

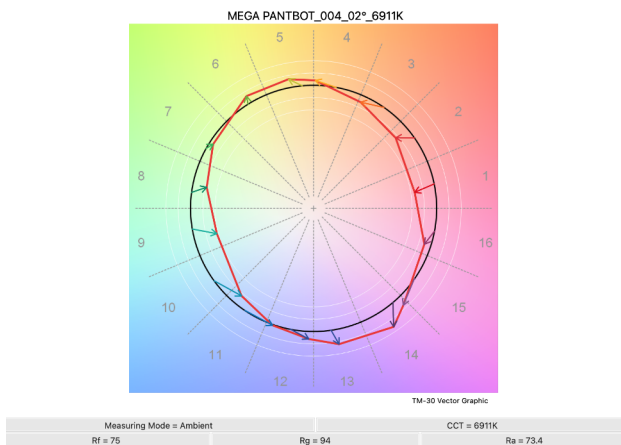
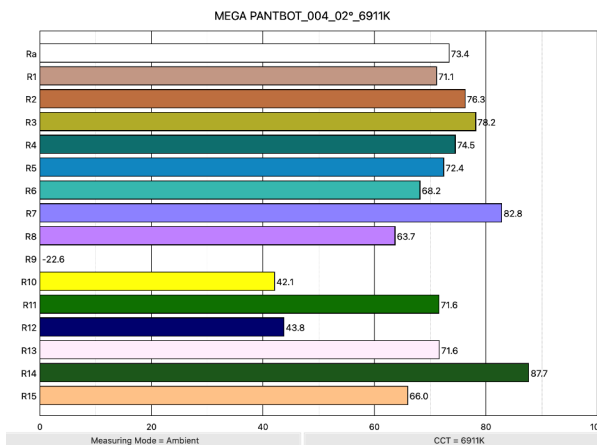
TM-30 Rf: 75

TM-30 Rg: 94

Spectrum



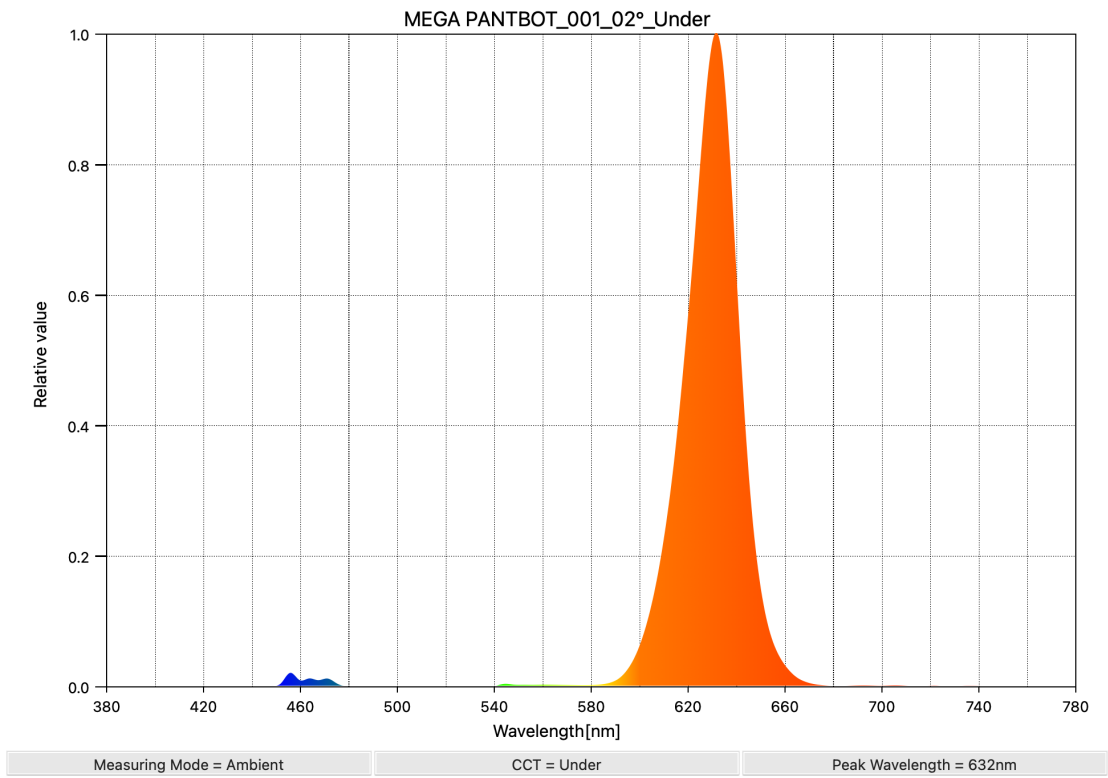
Color Rendering



Red Emitter Only

Peak Wavelength: 632 nm

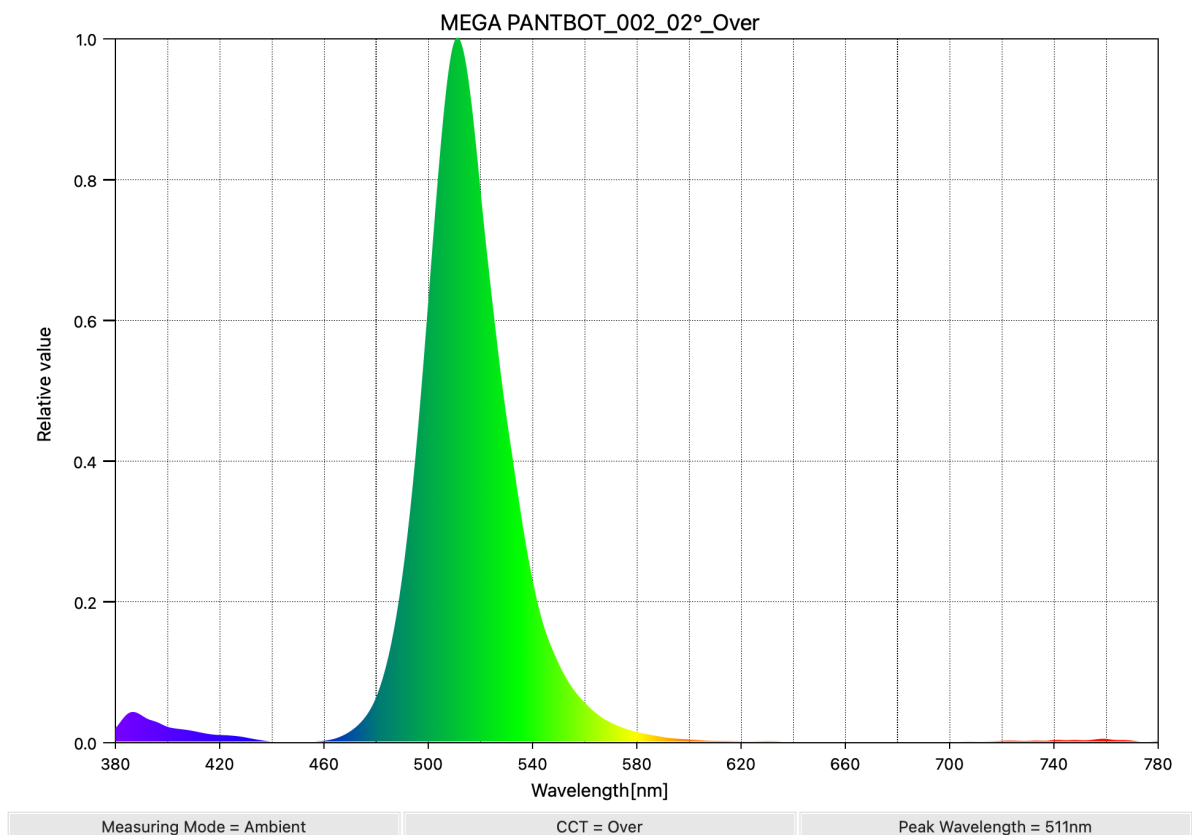
CIE 1931 x,y: 0.6839 0.3007



Green Emitter Only

Peak Wavelength: 511 nm

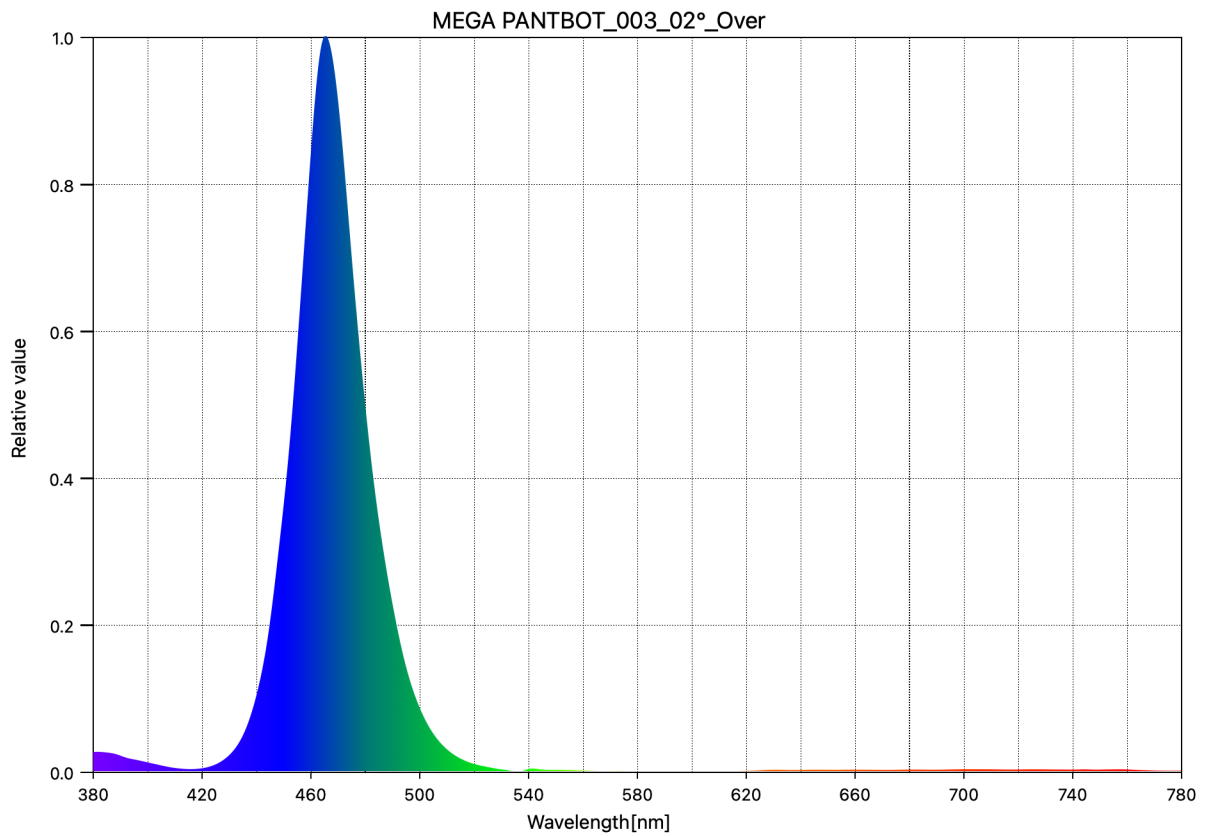
CIE 1931 x,y: 0.1134 0.6885



Blue Emitter Only

Peak Wavelength: 465 nm

CIE 1931 x,y: 0.1313, 0.0655



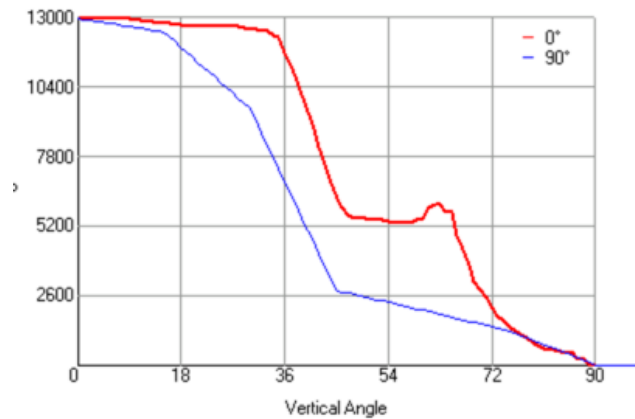
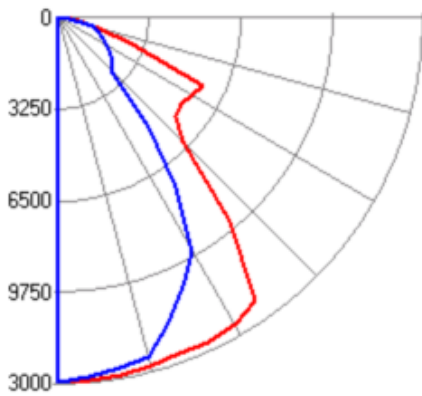
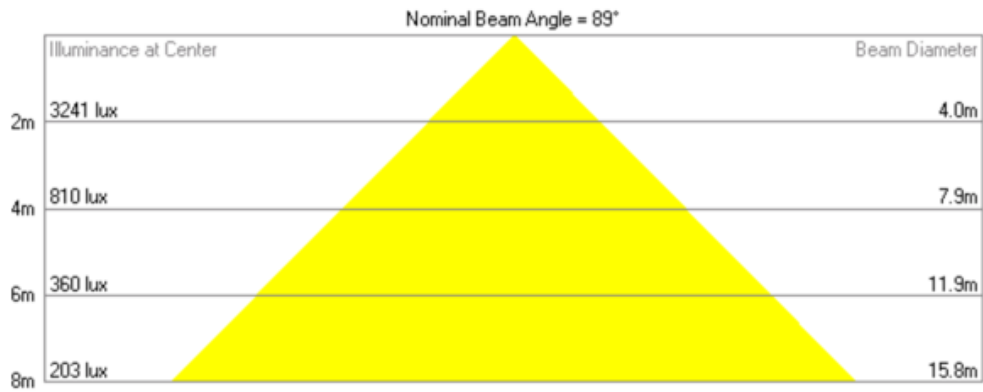
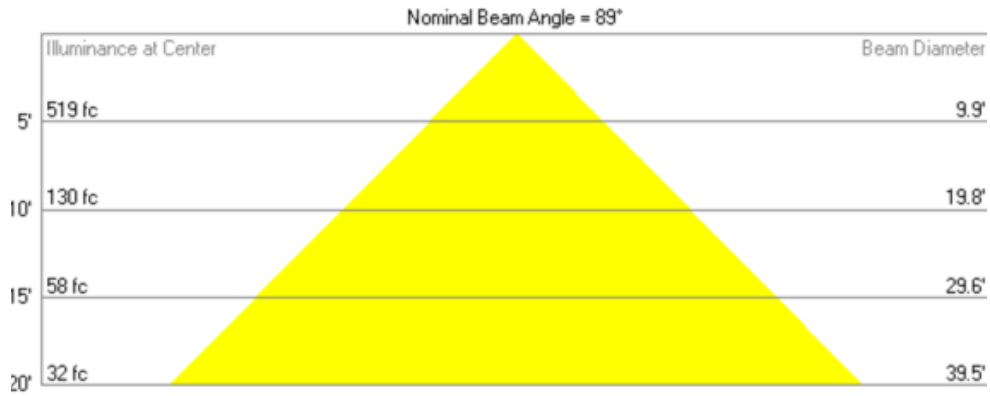
Measuring Mode = Ambient

CCT = Over

Peak Wavelength = 465nm

Full Output All Emitters

Lumens at full output: 28595 lm



Zonal Lumen Summary

Zone	Lumens
0° - 15°	2733
0° - 30°	10137
0° - 45°	18253
0° - 60°	23336
0° - 90°	28595
0° - 180°	28595

Candela Distribution:

	0.0°	90.0°		30.0°	12569 9587		61.0°	5865	1992
0.0°	12965	12965		31.0°	12569 9133		62.0°	5998	1940
1.0°	12965	12932		32.0°	12524 8679		63.0°	5998	1889
2.0°	12965	12898		33.0°	12480 8225		64.0°	5733	1837
3.0°	12965	12864		34.0°	12348 7771		65.0°	5689	1785
4.0°	12965	12830		35.0°	12260 7317		66.0°	4851	1733
5.0°	12965	12796		36.0°	11687 6864		67.0°	4300	1681
6.0°	12965	12763		37.0°	11201 6410		68.0°	3749	1630
7.0°	12965	12729		38.0°	10672 5956		69.0°	3087	1578
8.0°	12965	12695		39.0°	10099 5502		70.0°	2822	1526
9.0°	12965	12661		40.0°	9482 5048		71.0°	2514	1474
10.0°	12877	12628		41.0°	8820 4594		72.0°	2117	1422
11.0°	12877	12594		42.0°	8159 4140		73.0°	1852	1371
12.0°	12833	12560		43.0°	7497 3687		74.0°	1632	1319
13.0°	12833	12526		44.0°	6836 3233		75.0°	1455	1267
14.0°	12789	12492		45.0°	6262 2779		76.0°	1301	1183
15.0°	12789	12459		46.0°	5865 2730		77.0°	1147	1098
16.0°	12789	12267		47.0°	5601 2681		78.0°	1014	1014
17.0°	12745	12076		48.0°	5468 2632		79.0°	873	929
18.0°	12745	11884		49.0°	5468 2583		80.0°	723	845
19.0°	12701	11693		50.0°	5468 2534		81.0°	635	760
20.0°	12701	11501		51.0°	5424 2485		82.0°	573	676
21.0°	12701	11310		52.0°	5424 2436		83.0°	547	591
22.0°	12701	11118		53.0°	5424 2387		84.0°	490	507
23.0°	12701	10927		54.0°	5380 2338		85.0°	459	422
24.0°	12701	10736		55.0°	5336 2289		86.0°	441	338
25.0°	12701	10544		56.0°	5292 2240		87.0°	221	253
26.0°	12701	10353		57.0°	5292 2191		88.0°	221	169
27.0°	12701	10161		58.0°	5292 2142		89.0°	0	84
28.0°	12657	9970		59.0°	5424 2093		90.0°	0	0
29.0°	12613	9778		60.0°	5513 2044				