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Megalite FOLLOWBOT 1000W LED

August 28, 2023

Electrical

Voltage: 120 V AC, 60 Hz

Power: 1109 W

VA: 1150 VA

Current: 9.8 A

PF: 0.98

Output with emitters at full

	Lumens at full output	Efficacy
Wide	46819	42
Narrow	29562	27

Color Rendering - Open Beam

CCT: 8162 K

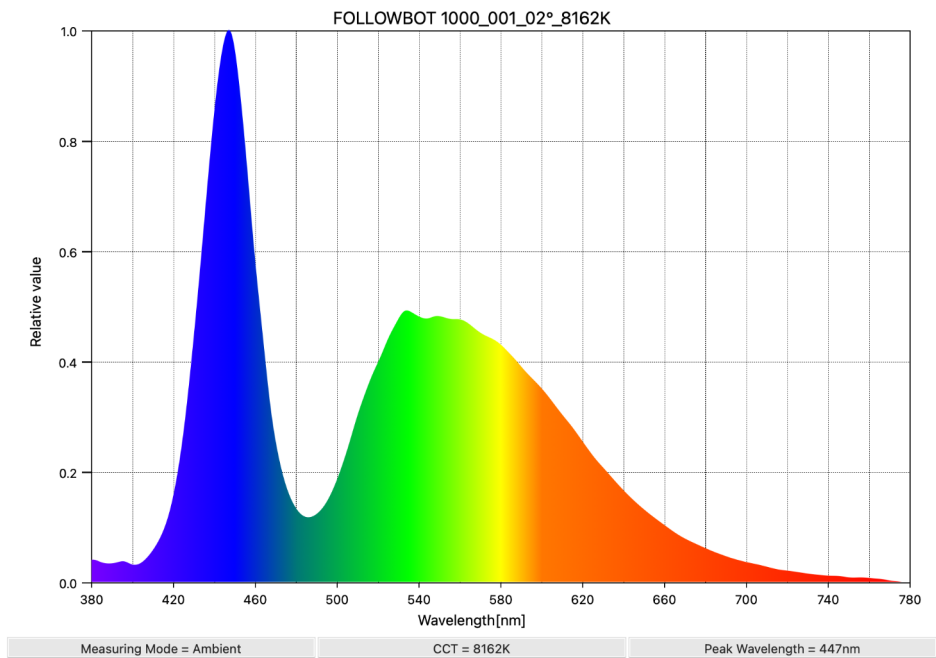
Duv: -0.0008

CRI (Ra): 73

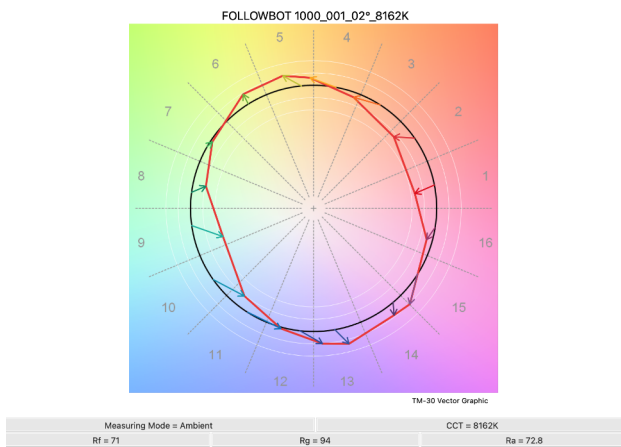
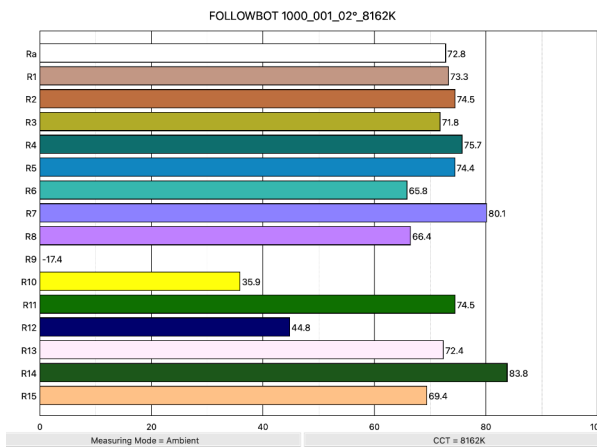
TM-30 Rf: 71

TM-30 Rg: 94

Spectrum



Color Rendering



Color Rendering - CTO 1

CCT: 6386 K

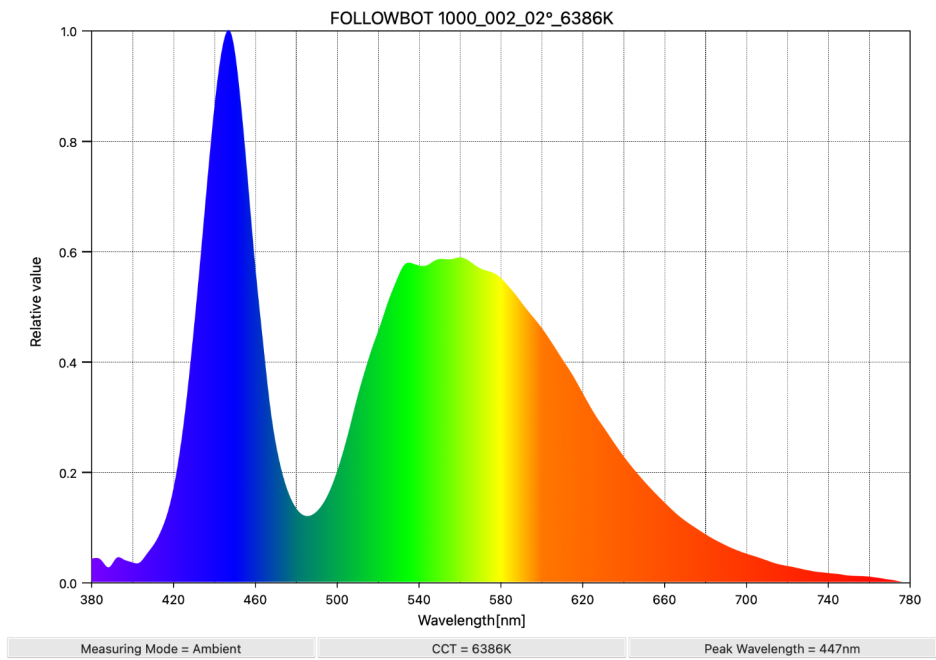
Duv: -0.0003

CRI (Ra): 72

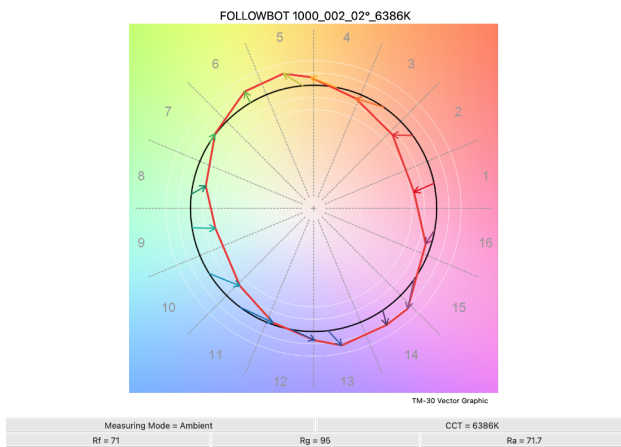
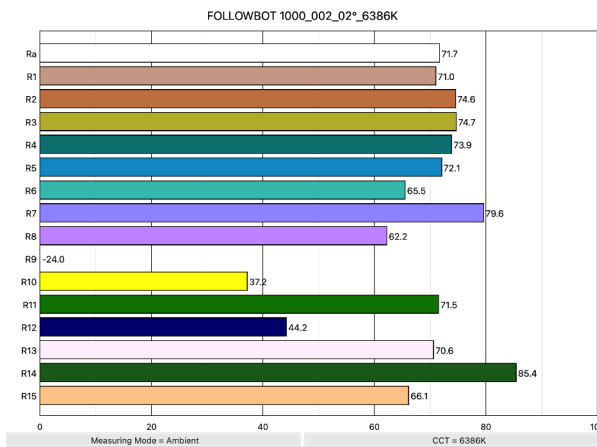
TM-30 Rf: 71

TM-30 Rg: 95

Spectrum



Color Rendering



Color Rendering - CTO 2

CCT: 5280 K

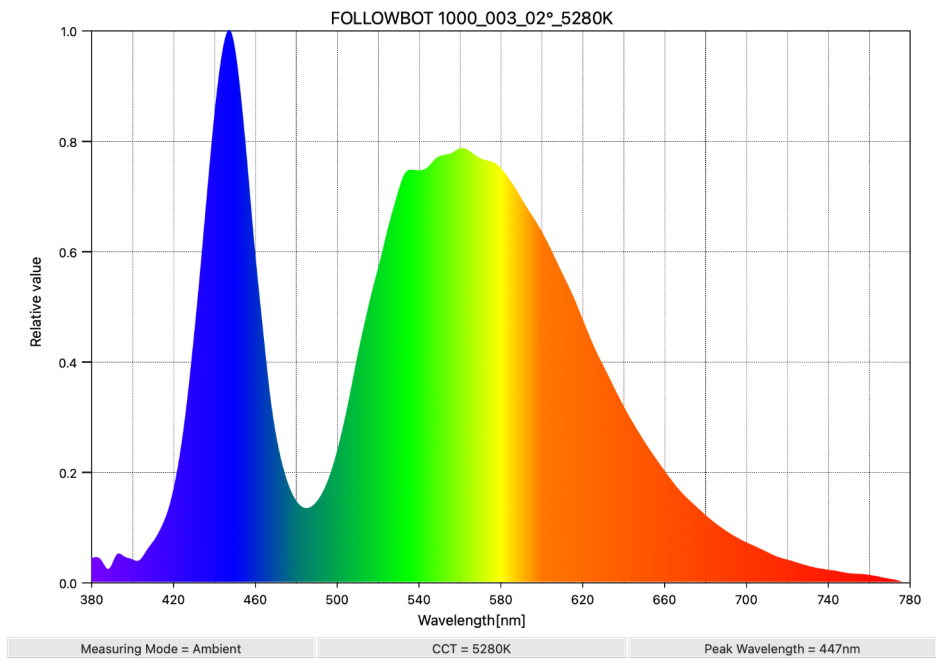
Duv: -0.0059

CRI (Ra): 69

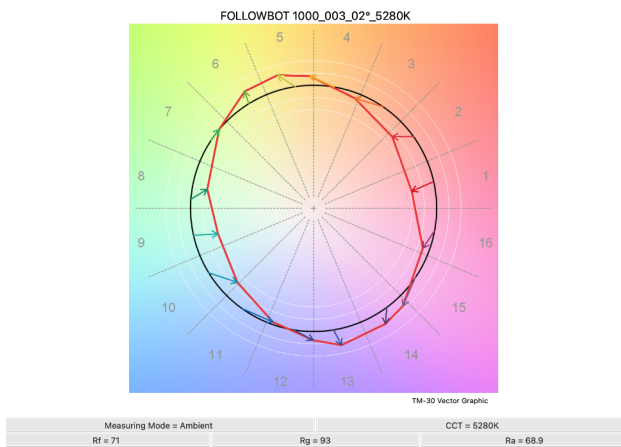
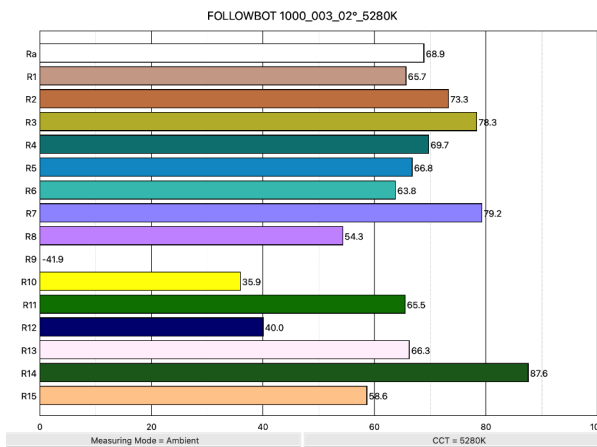
TM-30 Rf: 71

TM-30 Rg: 93

Spectrum



Color Rendering



Color Rendering - CTO 3

CCT: 3351 K

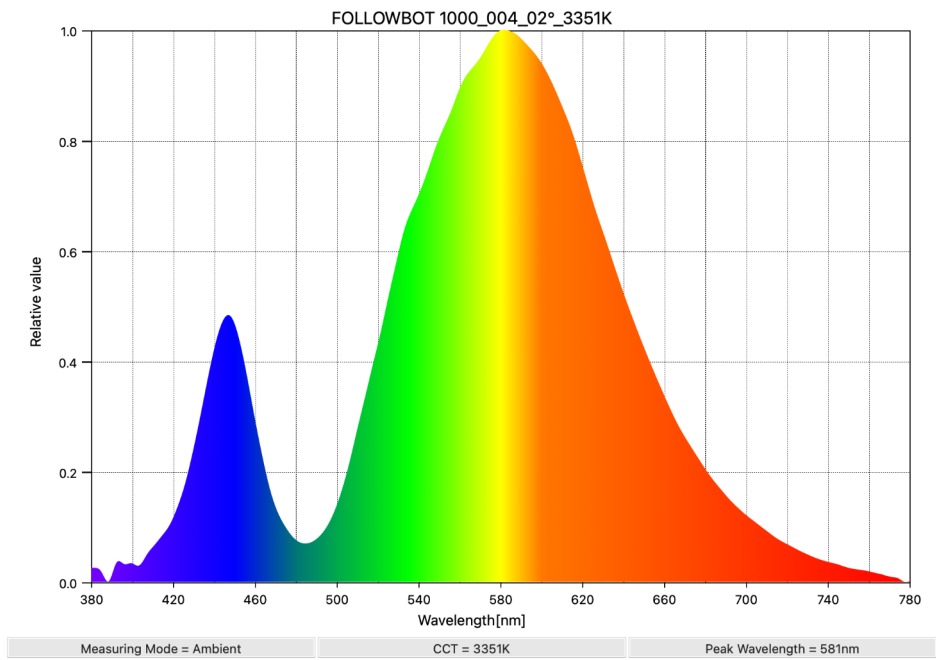
Duv: -0.0075

CRI (Ra): 65

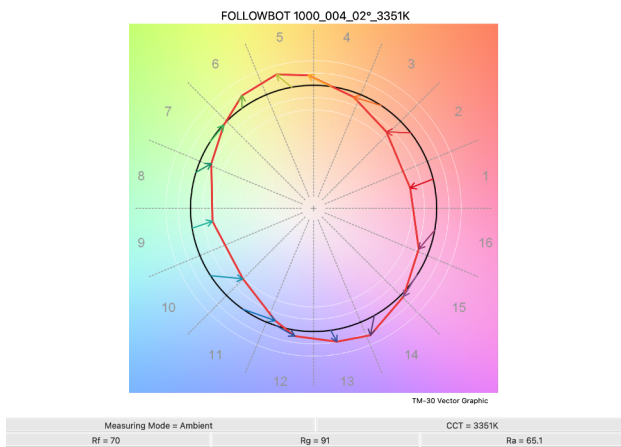
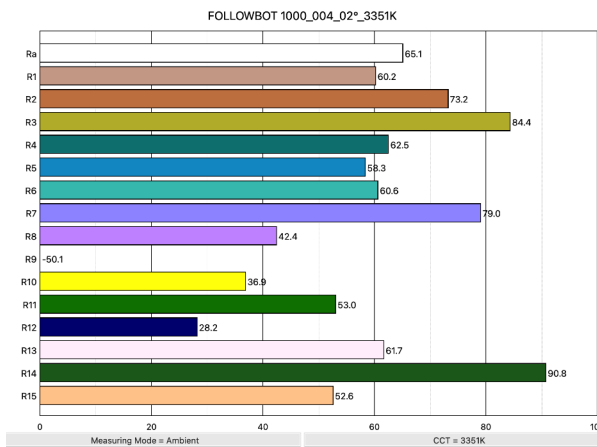
TM-30 Rf: 70

TM-30 Rg: 91

Spectrum

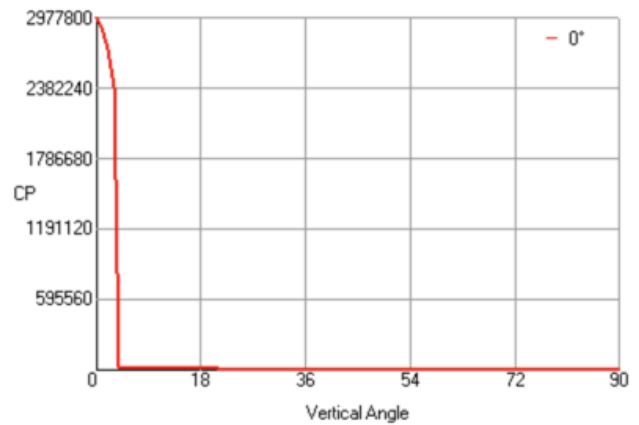
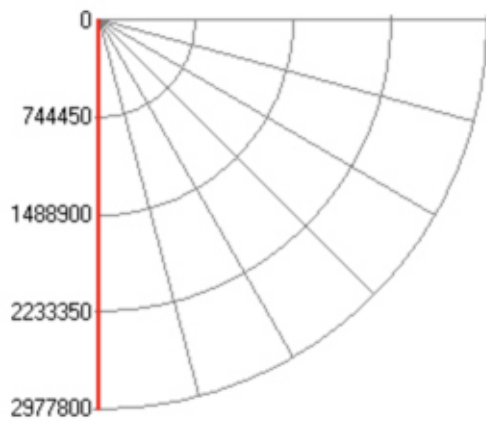
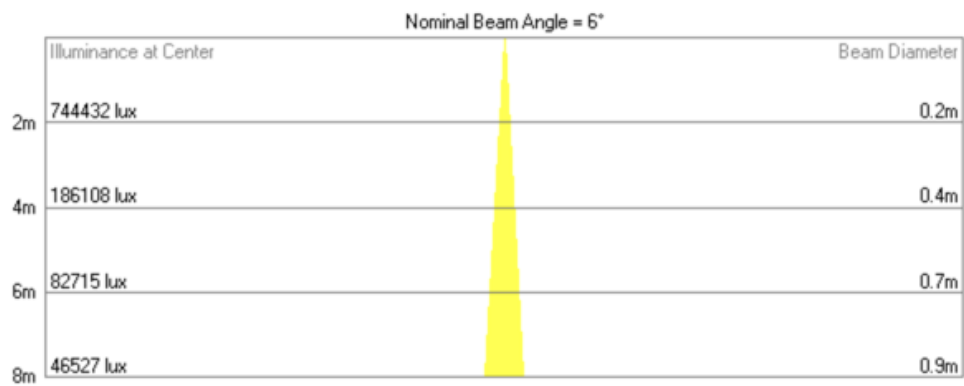
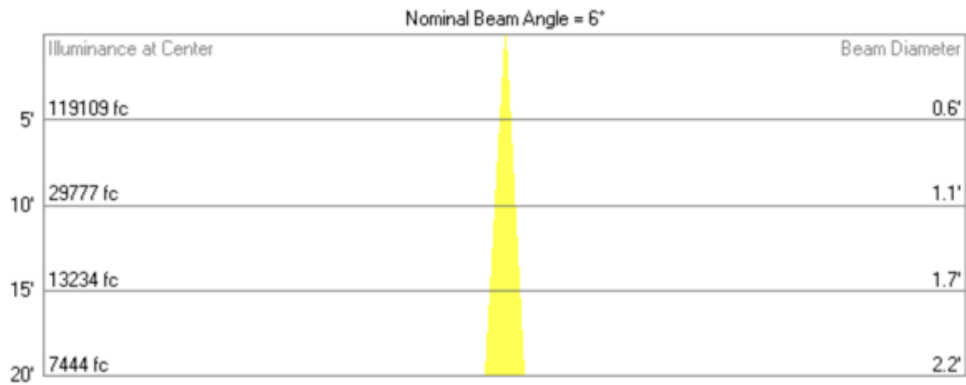


Color Rendering



Full Output All Emitters - Wide

Lumens at full output: 46819 lm

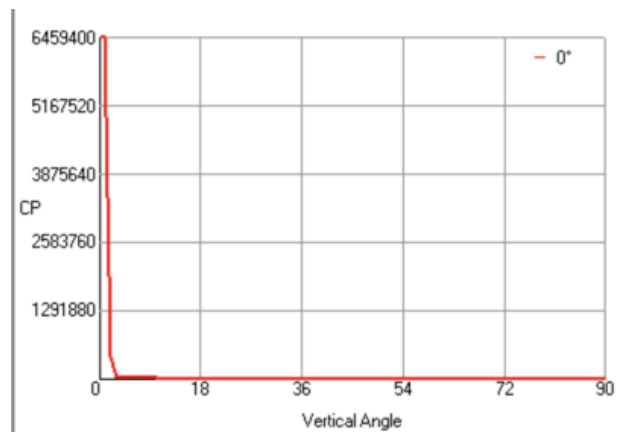
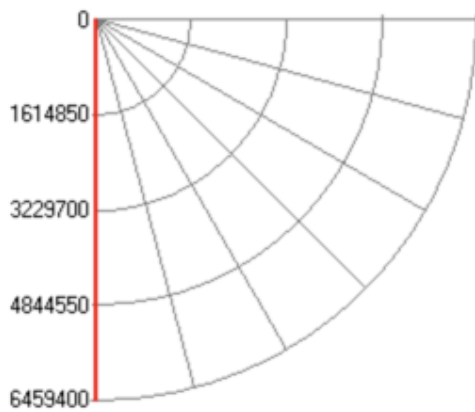
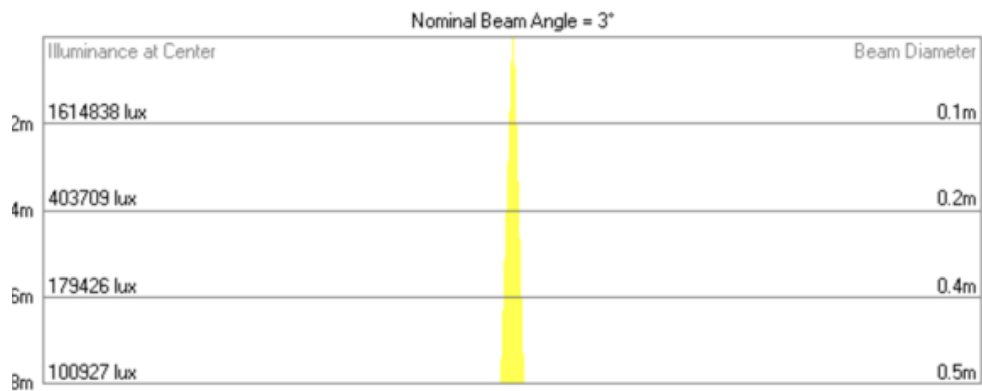
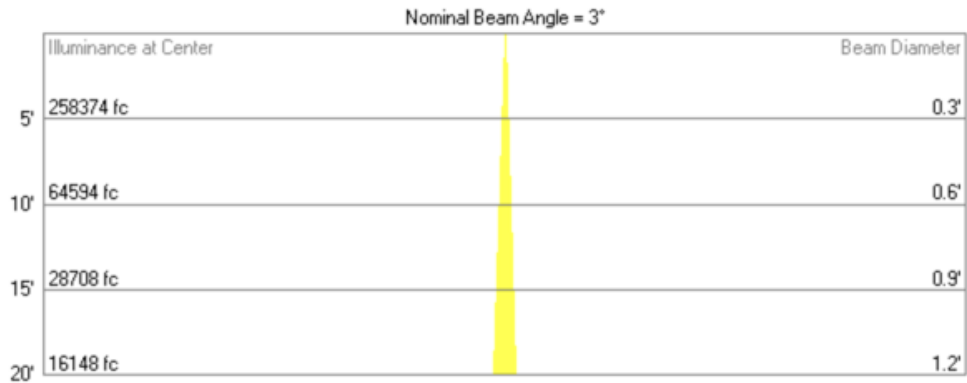


Candela Distribution:

0.0°	2977728	31.0°	304	62.0°	702
1.0°	2909462	32.0°	281	63.0°	702
2.0°	2716621	33.0°	304	64.0°	795
3.0°	2394993	34.0°	374	65.0°	795
4.0°	23956	35.0°	538	66.0°	795
5.0°	14926	36.0°	772	67.0°	795
6.0°	13522	37.0°	1170	68.0°	749
7.0°	12727	38.0°	1263	69.0°	702
8.0°	12095	39.0°	1333	70.0°	678
9.0°	11487	40.0°	1217	71.0°	608
10.0°	10481	41.0°	1544	72.0°	515
11.0°	8235	42.0°	1240	73.0°	421
12.0°	5661	43.0°	1217	74.0°	351
13.0°	6504	44.0°	889	75.0°	328
14.0°	7463	45.0°	772	76.0°	281
15.0°	8188	46.0°	795	77.0°	304
16.0°	8633	47.0°	749	78.0°	328
17.0°	7416	48.0°	608	79.0°	351
18.0°	5568	49.0°	515	80.0°	328
19.0°	3158	50.0°	444	81.0°	304
20.0°	2316	51.0°	398	82.0°	281
21.0°	2035	52.0°	374	83.0°	328
22.0°	1614	53.0°	398	84.0°	304
23.0°	1170	54.0°	421	85.0°	328
24.0°	1006	55.0°	351	86.0°	421
25.0°	866	56.0°	304	87.0°	421
26.0°	632	57.0°	281	88.0°	468
27.0°	468	58.0°	281	89.0°	538
28.0°	444	59.0°	421	90.0°	0
29.0°	374	60.0°	632		
30.0°	328	61.0°	398		

Full Output All Emitters - Narrow

Lumens at full output: 29562 lm



Candela Distribution:

0.0°	6456713	31.0°	259	62.0°	465
1.0°	6459350	32.0°	259	63.0°	543
2.0°	421418	33.0°	259	64.0°	569
3.0°	13572	34.0°	259	65.0°	543
4.0°	7135	35.0°	284	66.0°	543
5.0°	4834	36.0°	284	67.0°	543
6.0°	6101	37.0°	310	68.0°	517
7.0°	6463	38.0°	310	69.0°	491
8.0°	6515	39.0°	259	70.0°	465
9.0°	5351	40.0°	259	71.0°	259
10.0°	3774	41.0°	233	72.0°	259
11.0°	2921	42.0°	155	73.0°	181
12.0°	2430	43.0°	181	74.0°	129
13.0°	2120	44.0°	181	75.0°	129
14.0°	2146	45.0°	155	76.0°	155
15.0°	2042	46.0°	129	77.0°	129
16.0°	1629	47.0°	155	78.0°	155
17.0°	1758	48.0°	181	79.0°	129
18.0°	2016	49.0°	129	80.0°	155
19.0°	2042	50.0°	129	81.0°	129
20.0°	1706	51.0°	129	82.0°	129
21.0°	1163	52.0°	207	83.0°	129
22.0°	1086	53.0°	129	84.0°	103
23.0°	931	54.0°	181	85.0°	155
24.0°	724	55.0°	181	86.0°	207
25.0°	595	56.0°	129	87.0°	207
26.0°	491	57.0°	103	88.0°	207
27.0°	414	58.0°	103	89.0°	233
28.0°	336	59.0°	78	90.0°	0
29.0°	259	60.0°	181		
30.0°	233	61.0°	362		