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## Megalite Outerbot Wash 340

January 16, 2023

### Electrical

Voltage: 120 V AC, 60 Hz

Power: 282 W

VA: 282 VA

Current: 2.29 A

PF: 1.0

### Output with all emitters RGBW at full

	Lumens at full output	Efficacy
Narrow	5654	20 lm/W
Wide	3546	13 lm/W

# Color Rendering - White Emitter Only

CCT: 8436 K

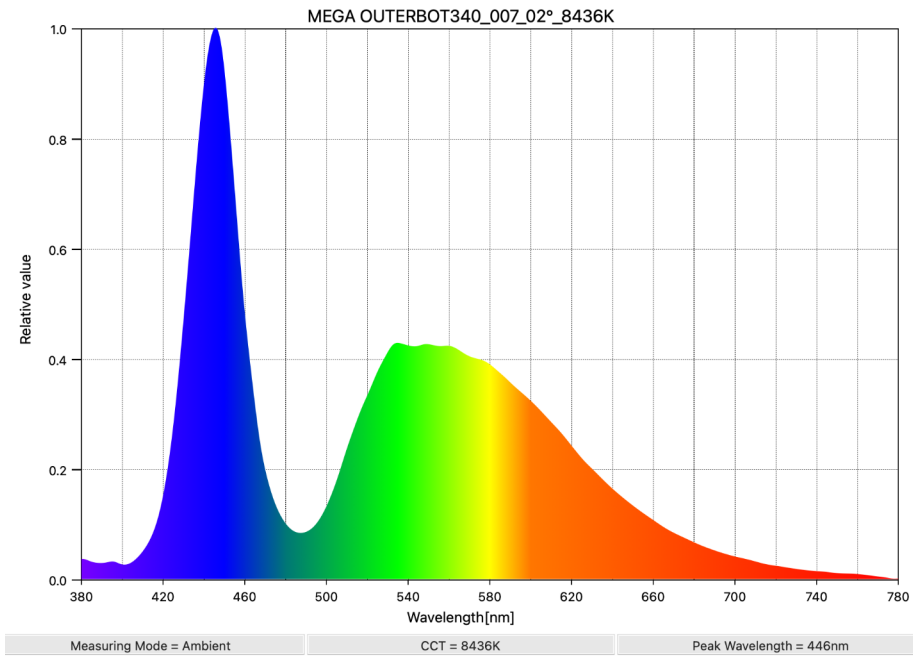
Duv: -0.0085

CRI (Ra): 73

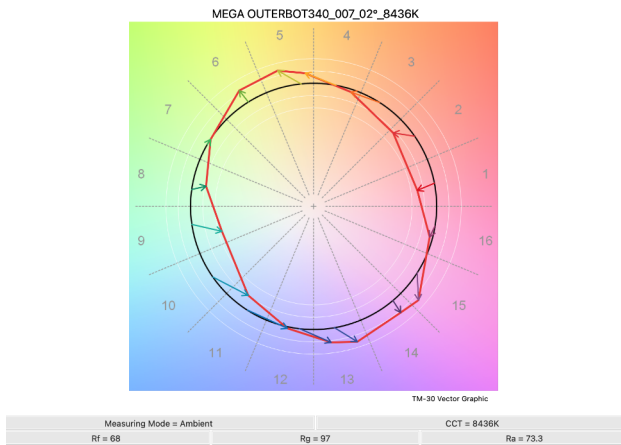
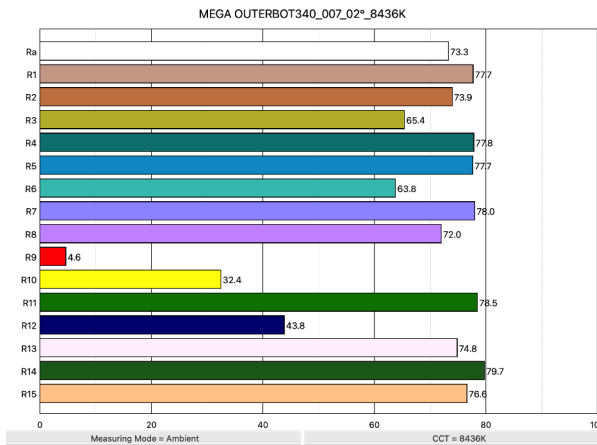
TM-30 Rf: 68

TM-30 Rg: 97

## Spectrum



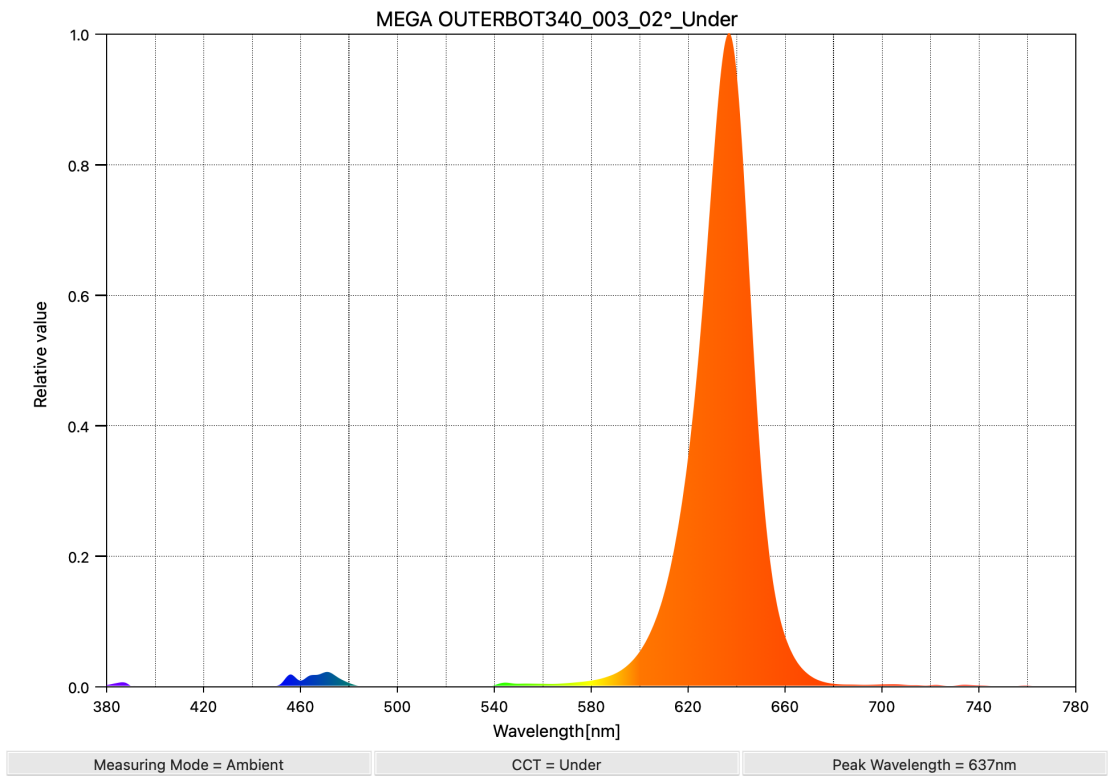
## Color Rendering



## Red Emitter Only

Peak Wavelength: 637 nm

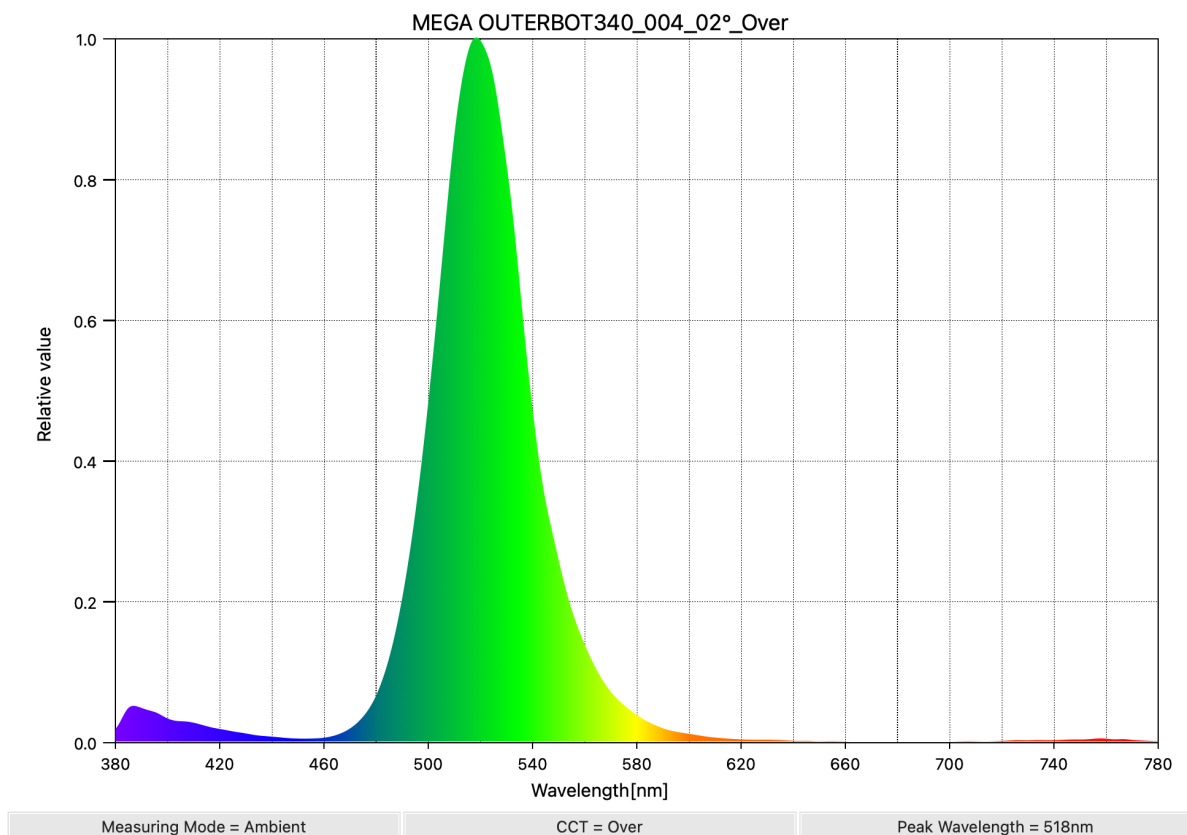
CIE 1931 x,y: 0.6791 0.2970



## Green Emitter Only

Peak Wavelength: 518 nm

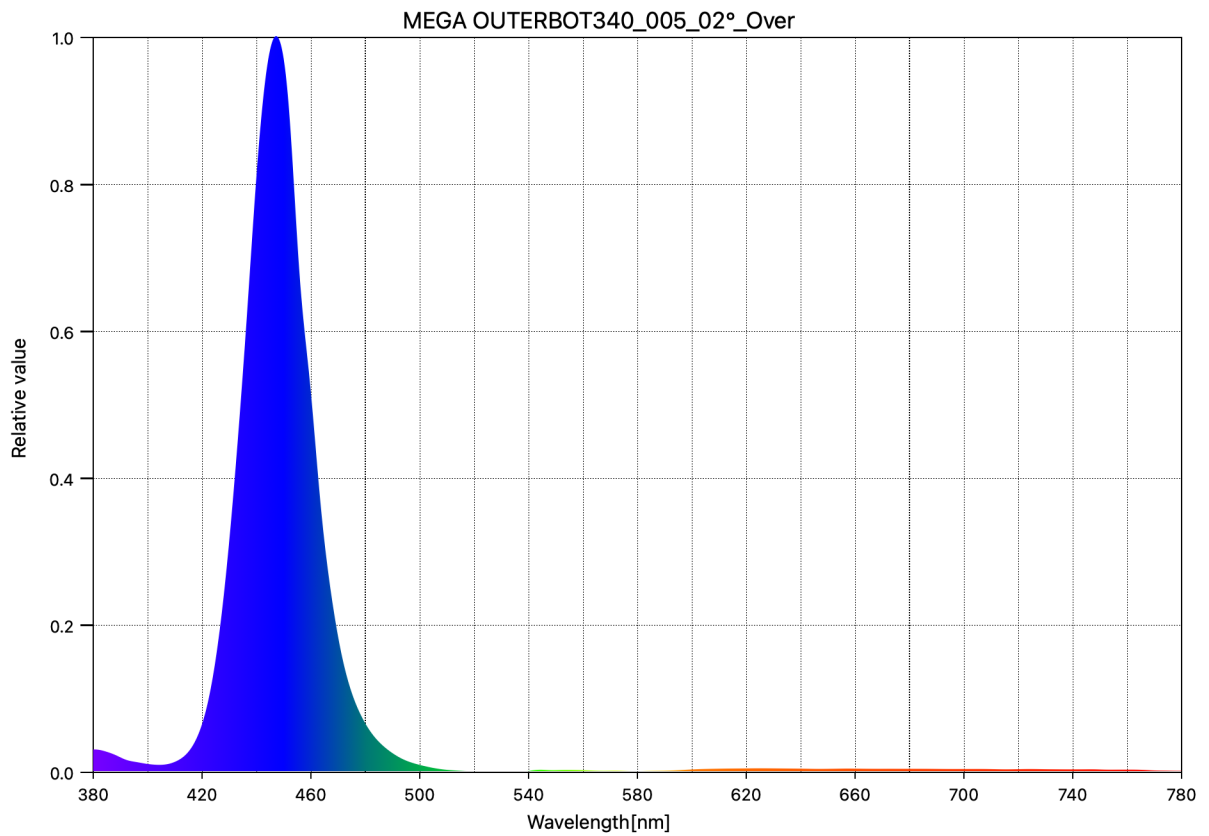
CIE 1931 x,y: 0.1610 0.6941



## Blue Emitter Only

Peak Wavelength: 447 nm

CIE 1931 x,y: 0.1573, 0.0234



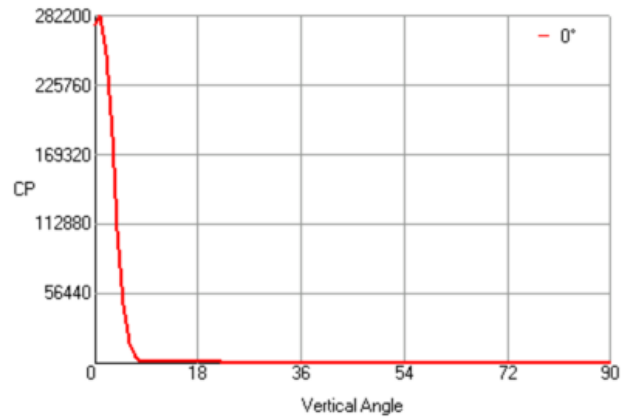
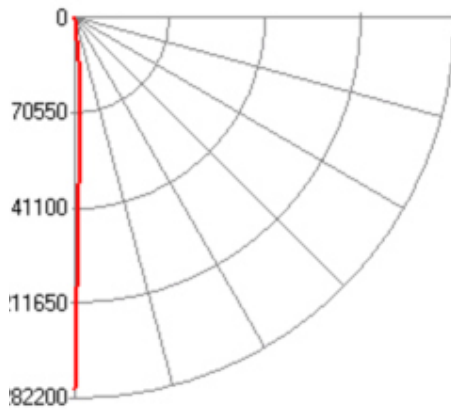
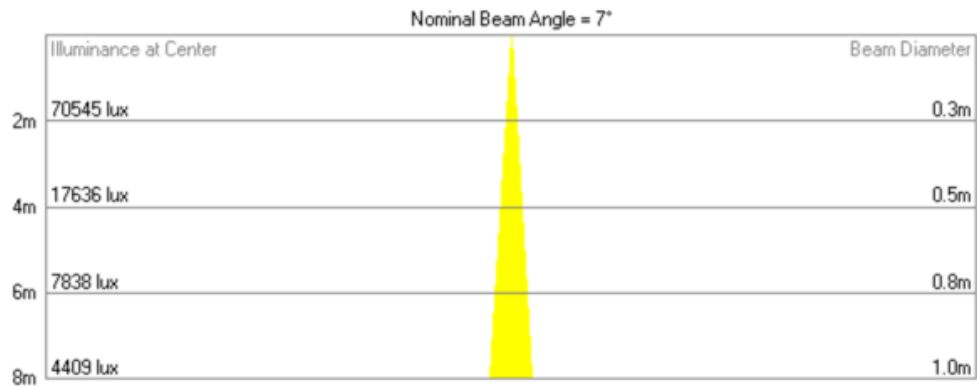
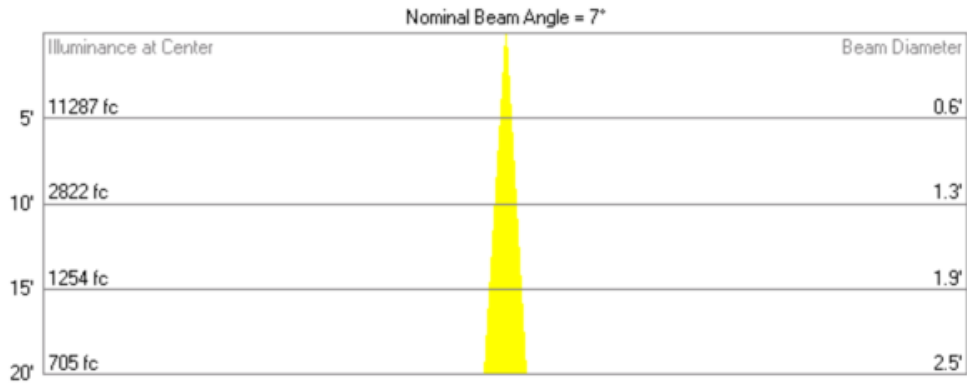
Measuring Mode = Ambient

CCT = Over

Peak Wavelength = 447nm

# Full Output All Emitters - Narrow

Lumens at full output: 5654 lm



## Zonal Lumen Summary

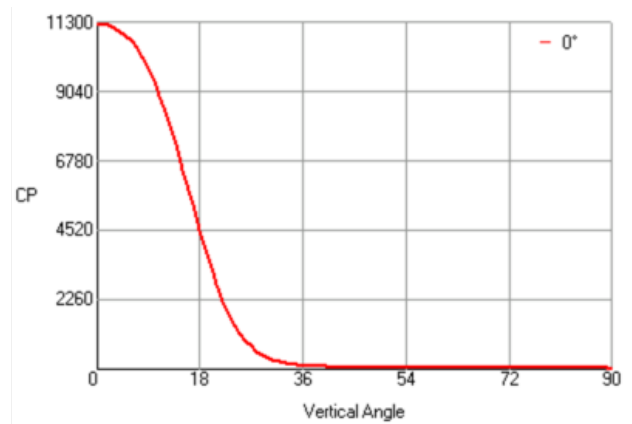
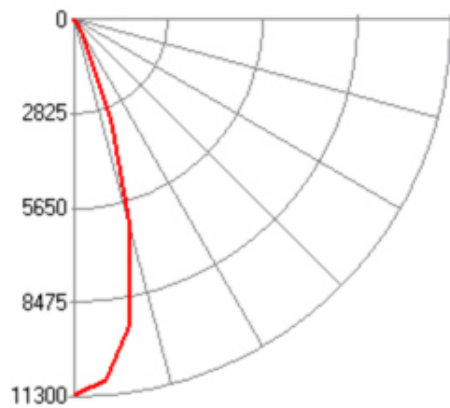
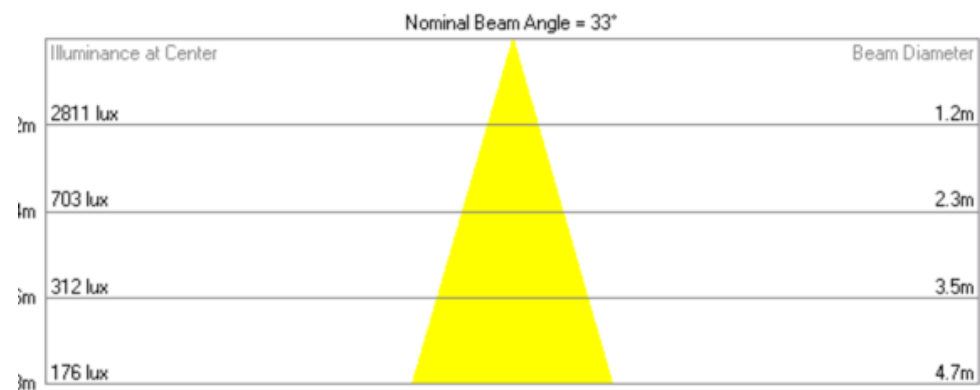
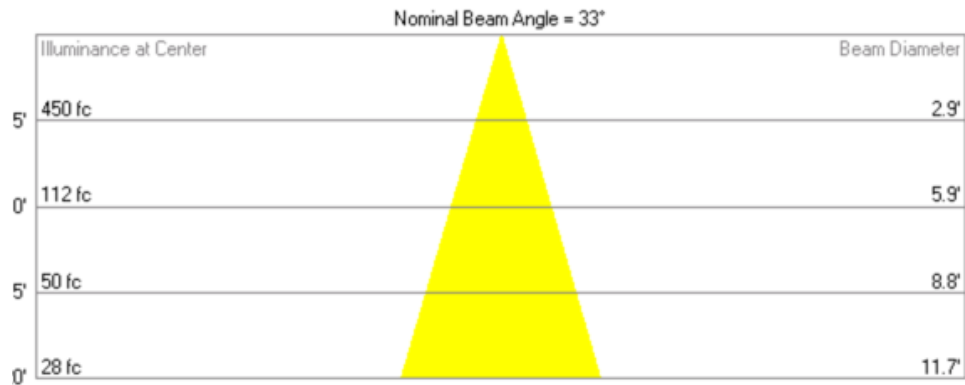
Zone	Lumens
0° - 15°	5440
0° - 30°	5526
0° - 45°	5563
0° - 60°	5595
0° - 90°	5654
0° - 180°	5654

## Candela Distribution:

0.0°	275465	31.0°	30	62.0°	23
1.0°	282182	32.0°	27	63.0°	30
2.0°	251228	33.0°	27	64.0°	40
3.0°	185088	34.0°	23	65.0°	42
4.0°	107851	35.0°	23	66.0°	44
5.0°	47538	36.0°	27	67.0°	46
6.0°	16304	37.0°	27	68.0°	40
7.0°	3943	38.0°	30	69.0°	34
8.0°	897	39.0°	40	70.0°	30
9.0°	428	40.0°	42	71.0°	27
10.0°	403	41.0°	48	72.0°	21
11.0°	426	42.0°	51	73.0°	19
12.0°	437	43.0°	53	74.0°	17
13.0°	422	44.0°	49	75.0°	13
14.0°	378	45.0°	48	76.0°	11
15.0°	317	46.0°	44	77.0°	11
16.0°	274	47.0°	38	78.0°	8
17.0°	257	48.0°	34	79.0°	6
18.0°	255	49.0°	30	80.0°	8
19.0°	259	50.0°	25	81.0°	6
20.0°	251	51.0°	23	82.0°	4
21.0°	224	52.0°	23	83.0°	6
22.0°	181	53.0°	19	84.0°	8
23.0°	137	54.0°	19	85.0°	6
24.0°	99	55.0°	19	86.0°	8
25.0°	70	56.0°	19	87.0°	11
26.0°	53	57.0°	19	88.0°	11
27.0°	44	58.0°	19	89.0°	11
28.0°	38	59.0°	17	90.0°	0
29.0°	34	60.0°	19		
30.0°	34	61.0°	21		

# Full Output All Emitters - Wide

Lumens at full output: 3546 lm





## Zonal Lumen Summary

Zone	Lumens
0° - 15°	1964
0° - 30°	3339
0° - 45°	3441
0° - 60°	3488
0° - 90°	3546
0° - 180°	3546

## Candela Distribution:

0.0°	11245	31.0°	258	62.0°	27
1.0°	11239	32.0°	212	63.0°	27
2.0°	11214	33.0°	173	64.0°	23
3.0°	11141	34.0°	142	65.0°	23
4.0°	11030	35.0°	119	66.0°	25
5.0°	10876	36.0°	98	67.0°	23
6.0°	10699	37.0°	83	68.0°	21
7.0°	10458	38.0°	73	69.0°	23
8.0°	10151	39.0°	65	70.0°	19
9.0°	9806	40.0°	58	71.0°	19
10.0°	9387	41.0°	56	72.0°	19
11.0°	8920	42.0°	54	73.0°	19
12.0°	8377	43.0°	50	74.0°	19
13.0°	7792	44.0°	48	75.0°	19
14.0°	7146	45.0°	48	76.0°	19
15.0°	6506	46.0°	42	77.0°	15
16.0°	5842	47.0°	42	78.0°	19
17.0°	5165	48.0°	42	79.0°	17
18.0°	4513	49.0°	40	80.0°	15
19.0°	3897	50.0°	37	81.0°	15
20.0°	3305	51.0°	38	82.0°	15
21.0°	2733	52.0°	37	83.0°	13
22.0°	2216	53.0°	35	84.0°	13
23.0°	1774	54.0°	35	85.0°	15
24.0°	1406	55.0°	33	86.0°	13
25.0°	1129	56.0°	35	87.0°	13
26.0°	902	57.0°	31	88.0°	15
27.0°	712	58.0°	29	89.0°	15
28.0°	548	59.0°	31	90.0°	0
29.0°	419	60.0°	29		
30.0°	323	61.0°	27		