

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P571662

Luminaire Tested: **UFLD-CA2-80-730-U-66-TS2\_UFLD**

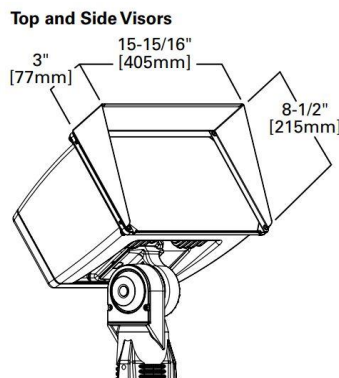
Issue Date: 9/21/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P571662  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2109-378-4)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 9/21/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: UFLD-CA2-80-730-U-66-TS2\_UFLD  
Description: FLOOD LIGHT, 6x6 OPTIC WITH TOP AND SIDE VISOR  
Light Source: (2) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

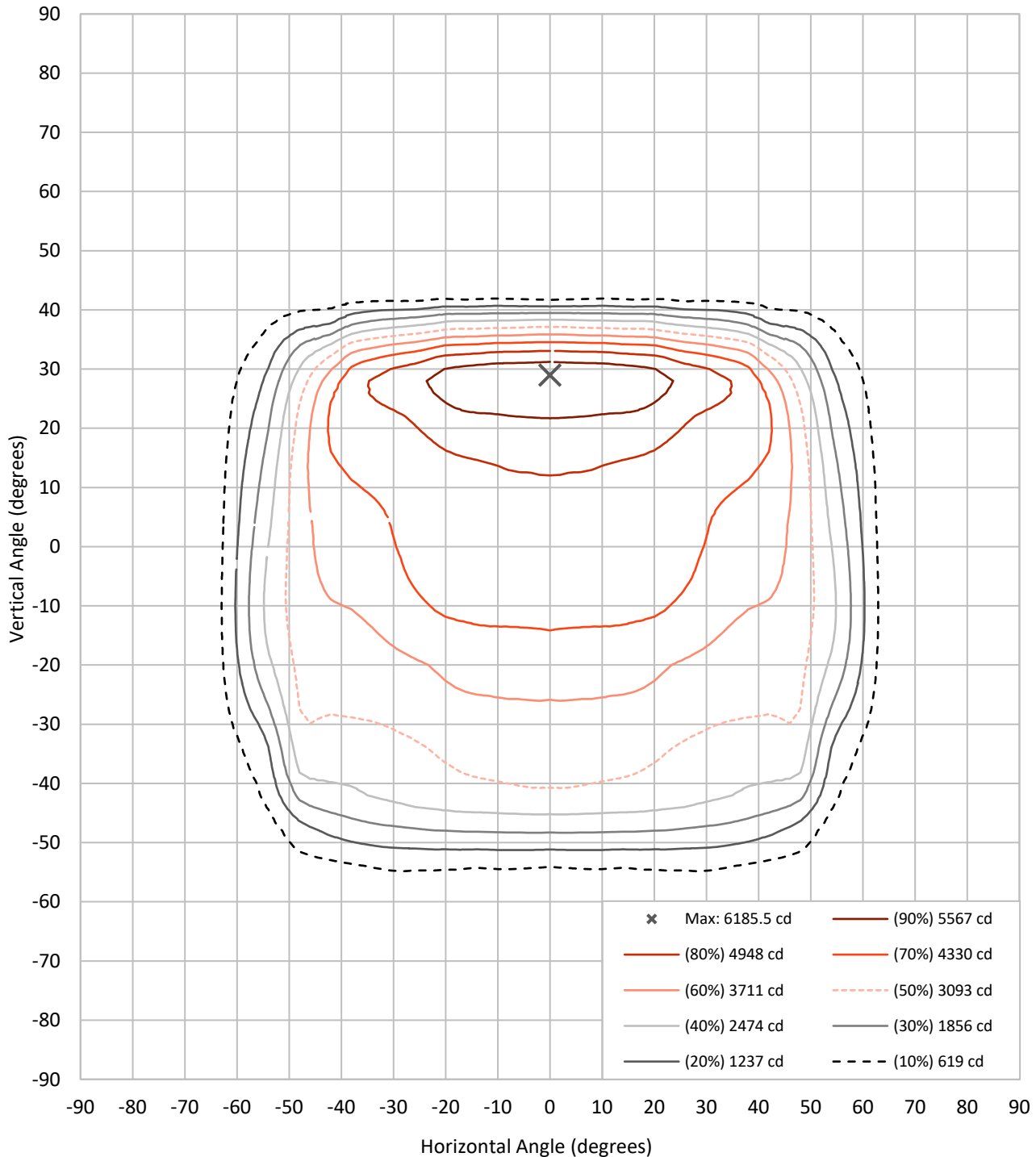
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	10223 lumens	Max Intensity:	6185.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 29°V
Efficacy:	124.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.25' x L: 0.67' x H: 0')		
Beam Angle (50%):	91.9°H x 77.9°V	Field Angle (10%):	119.5°H x 95.8°V
Beam Lumens:	7870.4 lumens	Field Lumens:	9961.9 lumens
Beam Efficiency:	77.0%	Field Efficiency:	97.4%
Input Watts (W):	82.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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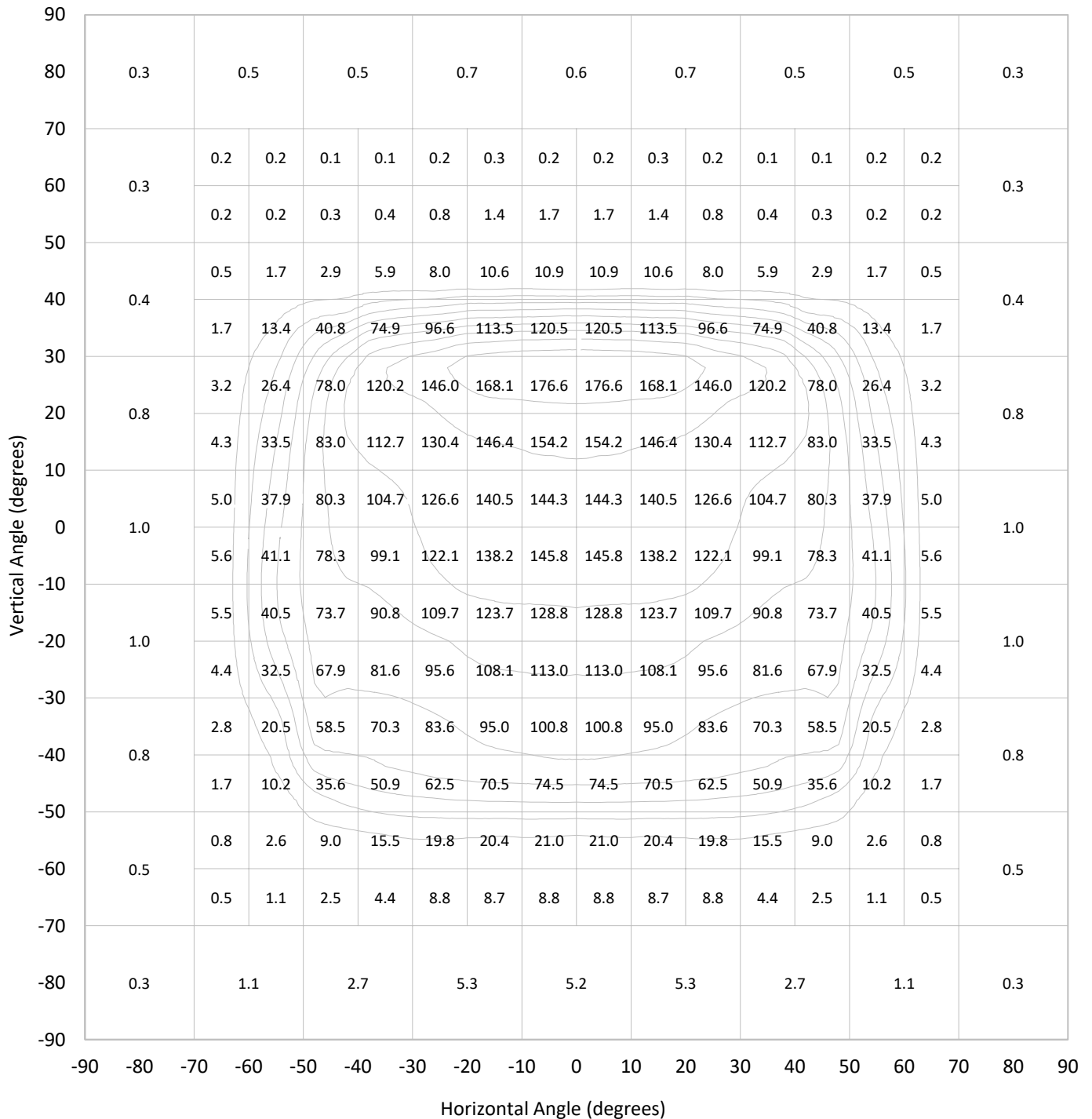
### Iso-Candela Plot





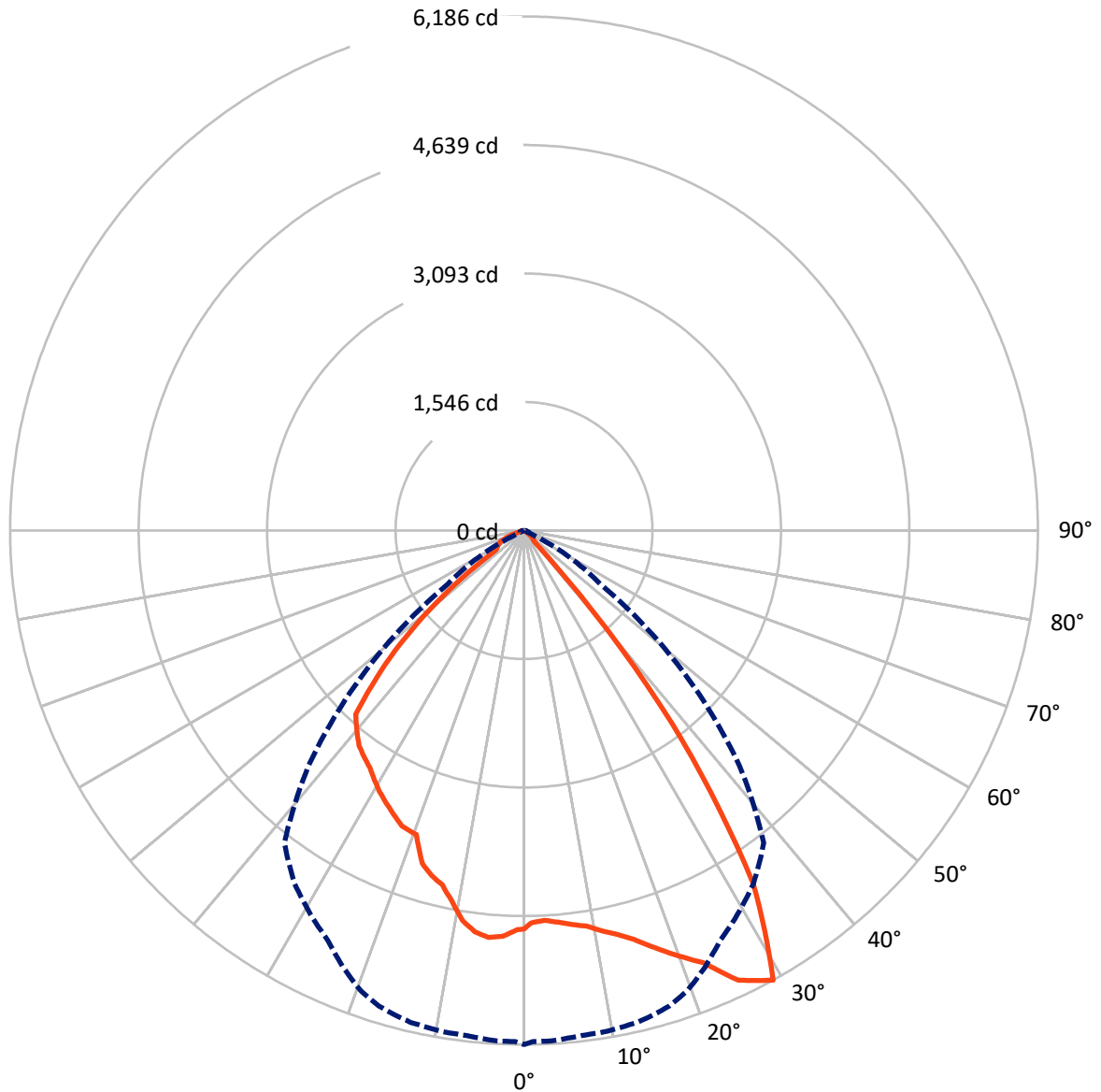
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### Lumen Table



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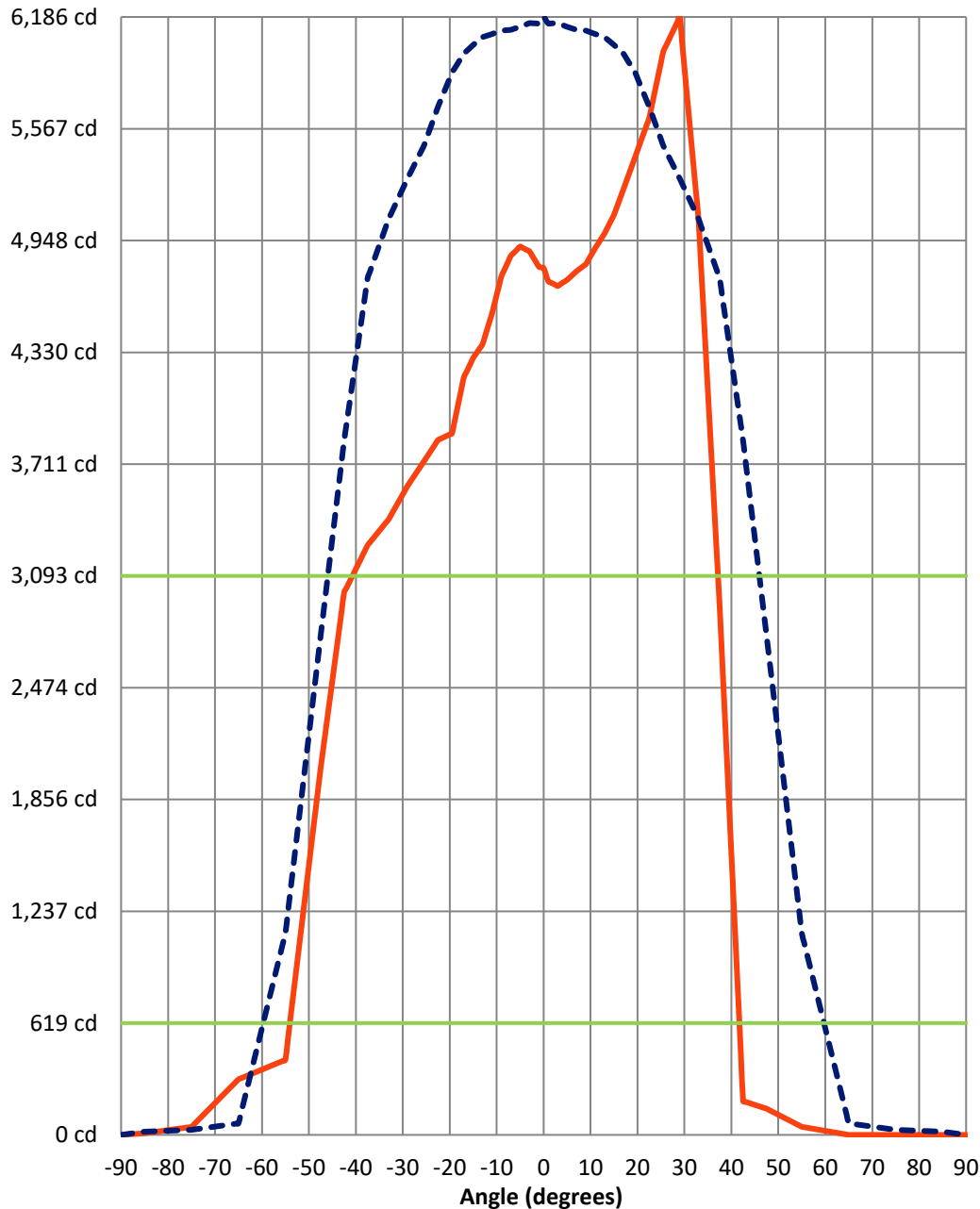
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 29-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 91.9°  
 V Angle: 77.9°  
 Lumens: 7870.4  
 Efficiency: 77.0%

**Field:**  
 H Angle: 119.5°  
 V Angle: 95.8°  
 Lumens: 9961.9  
 Efficiency: 97.4%

**Spill:**  
 Lumens: 261.1  
 Efficiency: 2.6%

— Vertical Distribution through 0-Deg  
 - - - Horizontal Distribution through 29-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	0°	1°	3°	5°	7°	9°	11°	13°	15°	17°	19.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	2.8	7.0	8.8	9.3	10.2	10.2	11.2	11.2	10.7	10.2
75°	0.0	0.9	2.8	4.2	5.1	6.0	6.5	6.5	6.5	6.0	6.0
65°	0.0	0.5	1.9	2.8	3.7	4.2	4.2	4.7	4.7	4.7	4.2
55°	44.7	46.1	45.1	44.7	44.7	43.7	41.9	39.1	35.8	36.3	34.0
47.5°	144.7	143.3	143.8	142.8	141.4	137.2	134.9	133.1	131.7	131.2	125.1
42.5°	187.0	193.1	210.7	248.4	288.4	331.2	333.6	301.0	261.4	218.2	303.8
37.5°	2925.7	2970.8	2911.3	2895.5	2816.9	2833.6	2819.7	2775.5	2772.2	2797.3	2766.6
33°	5064.3	5081.0	5049.9	5041.5	5025.2	5025.2	5007.5	4928.5	4871.2	4835.9	4824.7
29°	6185.5	6149.2	6151.5	6131.0	6114.3	6110.1	6091.0	6073.8	6030.5	5982.6	5878.0
25.5°	5994.7	5976.1	5985.0	5951.0	5944.9	5919.8	5922.1	5898.9	5867.3	5817.5	5705.8
22.5°	5626.7	5629.1	5627.7	5610.0	5603.5	5580.7	5553.2	5548.1	5545.3	5509.0	5427.6
19.5°	5411.3	5388.6	5380.6	5392.3	5372.7	5343.9	5312.7	5291.8	5266.7	5256.4	5226.2
17°	5231.8	5207.6	5218.3	5201.5	5188.5	5150.8	5117.8	5089.4	5076.4	5058.3	5014.1
15°	5091.3	5072.2	5069.0	5056.4	5066.2	5020.1	5000.6	4976.4	4949.9	4923.3	4887.5
13°	4988.5	4993.1	4985.2	4952.2	4967.1	4930.3	4906.1	4875.4	4853.1	4828.9	4808.9
11°	4906.6	4912.6	4881.0	4879.6	4886.6	4838.7	4831.7	4795.9	4783.3	4785.6	4732.1
9°	4817.7	4831.2	4842.4	4827.5	4816.8	4797.7	4786.6	4773.5	4749.8	4753.5	4740.0
7°	4778.2	4767.0	4764.2	4785.6	4768.9	4750.7	4731.7	4738.6	4743.3	4756.3	4740.0
5°	4730.7	4737.3	4741.4	4728.4	4726.1	4733.1	4721.0	4734.9	4739.1	4832.2	4861.0
3°	4696.8	4721.0	4708.4	4692.6	4703.8	4714.5	4739.6	4741.9	4787.0	4841.5	4857.3
1°	4722.8	4740.0	4741.4	4741.4	4752.6	4787.0	4789.8	4803.8	4836.8	4859.6	4872.2
0°	4795.9	4785.2	4791.7	4781.9	4808.9	4826.6	4828.9	4817.7	4841.9	4919.2	4919.2
-1°	4803.3	4808.0	4827.0	4832.2	4825.2	4847.0	4813.1	4815.9	4827.5	4873.1	4830.3
-3°	4888.4	4889.8	4887.5	4889.4	4878.2	4872.2	4848.4	4829.4	4801.9	4758.7	4722.4
-5°	4915.4	4918.7	4906.6	4901.0	4875.9	4835.4	4822.9	4790.3	4745.6	4697.2	4662.4
-7°	4863.3	4864.3	4825.2	4835.9	4794.5	4748.0	4715.9	4670.7	4638.6	4591.6	4556.8
-9°	4749.8	4733.1	4706.1	4697.7	4658.6	4601.4	4557.7	4523.7	4507.4	4480.0	4487.9
-11°	4544.2	4530.7	4532.1	4509.3	4479.5	4454.4	4433.0	4419.0	4409.3	4397.6	4380.9
-13°	4374.9	4367.9	4344.6	4351.6	4336.7	4341.8	4346.5	4340.9	4329.3	4313.9	4289.7
-15°	4299.0	4293.4	4283.2	4275.3	4273.9	4273.9	4272.0	4269.7	4259.5	4221.3	4184.1
-17°	4190.6	4176.7	4175.7	4173.4	4168.3	4171.1	4165.5	4155.7	4152.9	4127.4	4091.1
-19.5°	3882.2	3889.2	3888.2	3898.5	3887.3	3906.4	3913.4	3913.8	3899.4	3883.1	3852.9
-22.5°	3844.5	3823.1	3825.9	3832.0	3821.3	3817.1	3815.2	3817.1	3802.6	3783.6	3734.7
-25.5°	3726.3	3734.7	3735.2	3723.1	3725.0	3726.8	3704.9	3703.6	3689.1	3668.2	3615.2
-29°	3590.0	3595.2	3583.5	3584.5	3564.9	3556.5	3531.0	3516.1	3492.3	3478.4	3426.8
-33°	3406.3	3417.9	3407.2	3404.0	3384.9	3370.0	3348.6	3337.9	3300.2	3266.3	3227.6
-37.5°	3262.1	3249.0	3245.8	3252.3	3227.2	3218.8	3198.3	3180.7	3154.1	3121.1	3072.3
-42.5°	2999.7	3016.4	3010.4	2991.3	2980.6	2949.0	2936.4	2920.6	2910.4	2905.2	2849.9
-47.5°	2027.9	2036.7	2033.9	2027.4	2020.4	2017.6	2004.1	1993.4	1991.1	1982.7	1956.2
-55°	415.0	425.7	433.6	453.1	461.5	473.6	462.4	441.5	437.8	481.5	477.8
-65°	307.5	306.1	304.7	303.3	301.0	300.1	302.4	304.2	302.9	308.9	321.0
-75°	44.2	43.7	45.1	45.6	42.3	42.3	49.3	47.9	49.8	49.8	50.2
-85°	8.8	7.9	8.8	13.0	13.5	15.4	16.7	18.1	18.6	18.6	18.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	22.5°	25.5°	29°	33°	37.5°	42.5°	47.5°	55°	65°	75°	85°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	9.3	8.4	7.4	6.5	5.6	6.0	7.0	8.8	12.6	14.4	15.8
75°	5.6	5.1	4.7	4.7	4.7	5.6	6.5	8.4	12.1	14.0	16.3
65°	4.2	3.7	3.3	3.3	3.3	4.2	6.5	8.8	12.6	14.4	16.3
55°	30.7	22.3	12.6	13.0	13.0	13.5	14.0	11.6	14.4	15.8	16.7
47.5°	106.5	75.4	45.6	35.8	35.8	31.2	27.0	20.5	26.5	17.2	16.7
42.5°	298.7	136.8	219.6	234.9	203.8	91.2	120.0	136.3	34.0	19.5	17.2
37.5°	2540.5	2432.6	2287.4	2166.5	1889.2	1192.3	1078.4	474.1	40.5	22.3	17.2
33°	4654.9	4405.6	4284.1	4032.9	3839.9	2810.3	2168.8	806.7	53.0	25.1	17.7
29°	5688.1	5472.8	5291.3	5068.5	4739.6	3839.9	2760.6	1116.0	63.7	27.9	17.7
25.5°	5533.7	5358.8	5182.9	5018.2	4841.5	4239.9	3124.8	1339.3	74.0	31.2	17.7
22.5°	5270.4	5079.2	4916.4	4819.6	4719.6	4371.1	3319.3	1495.2	83.7	34.4	18.1
19.5°	5070.3	4900.1	4750.7	4652.1	4643.3	4394.4	3427.7	1621.7	95.4	40.0	18.1
17°	4888.9	4748.9	4629.3	4584.2	4606.5	4333.9	3506.8	1726.4	106.1	43.7	18.1
15°	4766.6	4656.3	4559.5	4548.8	4534.0	4265.5	3565.9	1815.3	114.9	45.6	18.1
13°	4711.2	4614.0	4538.6	4528.4	4442.3	4185.0	3597.9	1896.7	121.9	47.0	18.1
11°	4646.5	4581.9	4542.3	4461.4	4340.9	4083.6	3600.3	1967.4	128.9	49.3	18.1
9°	4657.7	4573.5	4510.7	4383.7	4241.8	4032.5	3600.3	2031.6	127.5	50.7	18.1
7°	4662.8	4584.2	4454.4	4306.5	4164.1	3981.7	3609.6	2095.3	121.4	52.6	18.1
5°	4687.0	4573.0	4426.5	4246.0	4100.4	3945.5	3579.3	2160.4	119.1	54.0	18.1
3°	4688.4	4572.1	4414.9	4186.0	4055.7	3911.0	3575.6	2216.3	118.6	54.4	18.6
1°	4689.8	4567.5	4378.6	4126.4	4017.6	3893.8	3570.5	2278.6	120.0	54.4	18.6
0°	4682.8	4546.5	4363.2	4111.5	3993.8	3880.8	3576.5	2311.6	121.0	53.5	18.6
-1°	4674.9	4518.1	4325.5	4090.6	3975.7	3875.7	3570.0	2344.2	121.0	53.0	18.6
-3°	4616.8	4471.6	4290.2	4071.1	3944.1	3845.0	3545.8	2400.0	124.7	53.0	18.6
-5°	4556.3	4419.5	4252.5	4018.5	3905.5	3807.3	3552.4	2433.1	126.5	53.0	18.6
-7°	4496.3	4353.5	4199.5	3995.2	3848.7	3750.5	3535.1	2475.9	127.0	52.6	18.6
-9°	4398.6	4274.8	4111.1	3910.1	3774.7	3708.7	3529.1	2497.3	127.9	52.6	18.6
-11°	4316.2	4169.2	4021.3	3835.7	3703.1	3639.4	3500.3	2494.5	128.9	52.1	18.6
-13°	4201.3	4070.1	3935.7	3760.8	3641.7	3560.3	3470.9	2477.7	128.4	52.6	18.6
-15°	4097.6	3969.2	3833.8	3696.6	3572.8	3476.5	3427.2	2439.6	128.4	52.6	18.6
-17°	3992.4	3868.2	3741.2	3609.1	3504.0	3427.2	3394.7	2367.5	127.5	52.1	18.6
-19.5°	3757.1	3662.6	3583.5	3511.4	3423.0	3333.2	3343.5	2236.7	124.2	52.1	18.6
-22.5°	3638.4	3542.1	3461.6	3389.1	3319.3	3230.4	3289.5	2038.6	119.1	51.2	18.6
-25.5°	3531.0	3438.4	3355.6	3283.5	3236.0	3181.6	3240.7	1781.8	114.0	50.2	18.6
-29°	3349.1	3272.8	3204.4	3132.7	3094.6	3071.8	3162.5	1438.4	110.3	48.4	18.1
-33°	3146.7	3081.6	3014.6	2917.8	2876.9	2877.3	2978.8	1008.6	107.9	45.6	18.1
-37.5°	3004.3	2932.2	2832.2	2725.2	2650.3	2663.8	2684.3	789.0	109.3	41.4	18.1
-42.5°	2775.9	2737.3	2616.4	2511.7	2374.9	2236.3	2029.7	589.4	95.8	34.4	18.1
-47.5°	1940.9	1885.0	1833.9	1775.7	1648.7	1419.4	1084.9	233.1	85.6	27.0	18.1
-55°	506.6	500.6	533.1	490.3	401.5	299.6	261.0	89.3	64.7	23.3	18.1
-65°	348.9	362.4	284.7	189.3	95.8	81.4	127.0	48.4	35.4	20.5	17.7
-75°	48.8	43.7	34.4	36.3	38.1	35.8	32.6	20.0	20.0	18.6	17.2
-85°	18.1	17.2	16.7	16.3	15.4	14.4	14.4	14.9	16.7	18.1	17.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	90°
90°	0.0
85°	0.0
75°	0.0
65°	0.0
55°	0.0
47.5°	0.0
42.5°	0.0
37.5°	0.0
33°	0.0
29°	0.0
25.5°	0.0
22.5°	0.0
19.5°	0.0
17°	0.0
15°	0.0
13°	0.0
11°	0.0
9°	0.0
7°	0.0
5°	0.0
3°	0.0
1°	0.0
0°	0.0
-1°	0.0
-3°	0.0
-5°	0.0
-7°	0.0
-9°	0.0
-11°	0.0
-13°	0.0
-15°	0.0
-17°	0.0
-19.5°	0.0
-22.5°	0.0
-25.5°	0.0
-29°	0.0
-33°	0.0
-37.5°	0.0
-42.5°	0.0
-47.5°	0.0
-55°	0.0
-65°	0.0
-75°	0.0
-85°	0.0
-90°	0.0

(END OF REPORT)