

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: P571653

Luminaire Tested: **UFLD-CA2-150-760-U-66-TS2\_UFLD**

Issue Date: 9/21/2021

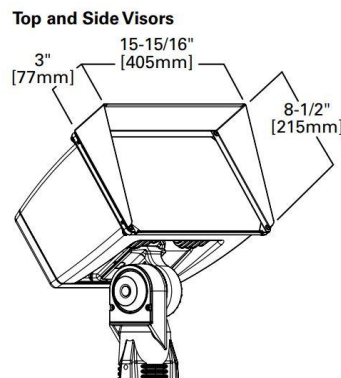
**Test Information**

Test Method: LM-79-08  
Report Number: P571653  
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-CA2-150-760-U-66-TS2\_UFLD  
Description: FLOOD LIGHT, 6x6 OPTIC WITH TOP AND SIDE VISOR  
Light Source: (2) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

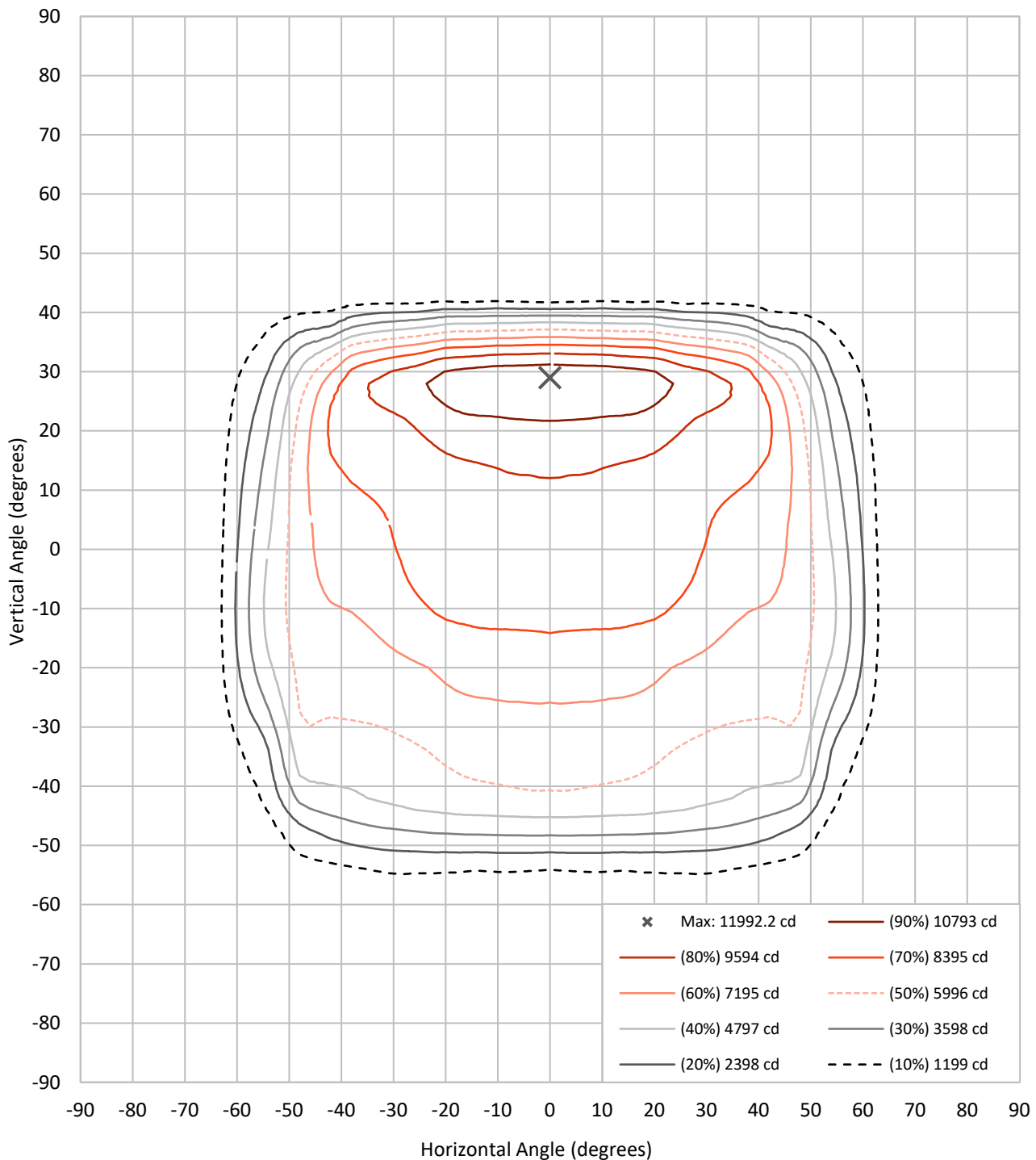
Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	19820 lumens	Max Intensity:	11992.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 29°V
Efficacy:	131.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.25' x L: 0.67' x H: 0')		
Beam Angle (50%):	91.9°H x 77.9°V	Field Angle (10%):	119.5°H x 95.8°V
Beam Lumens:	15258.8 lumens	Field Lumens:	19313.8 lumens
Beam Efficiency:	77.0%	Field Efficiency:	97.4%

Input Watts (W): 151.3  
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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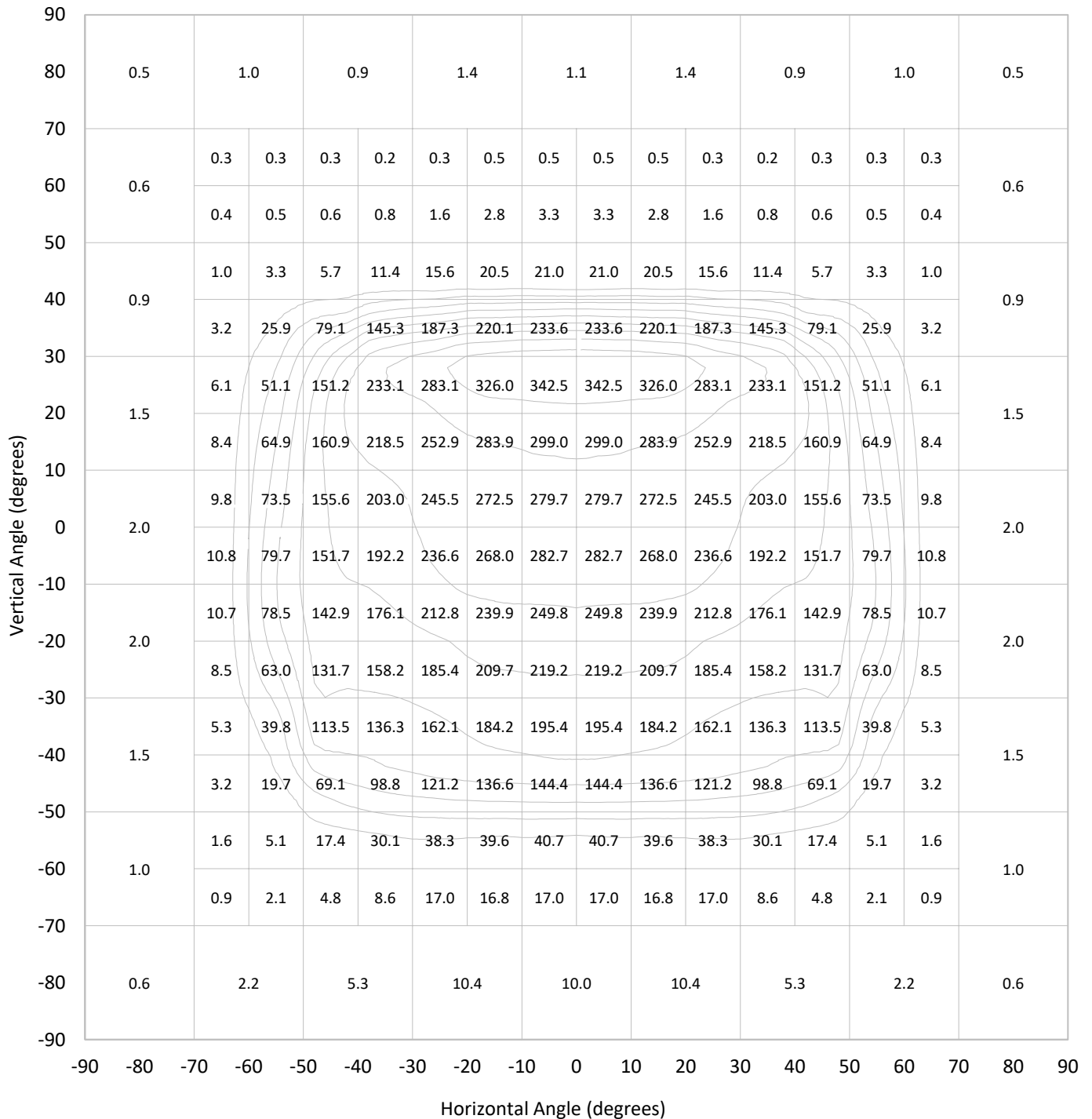
### Iso-Candela Plot





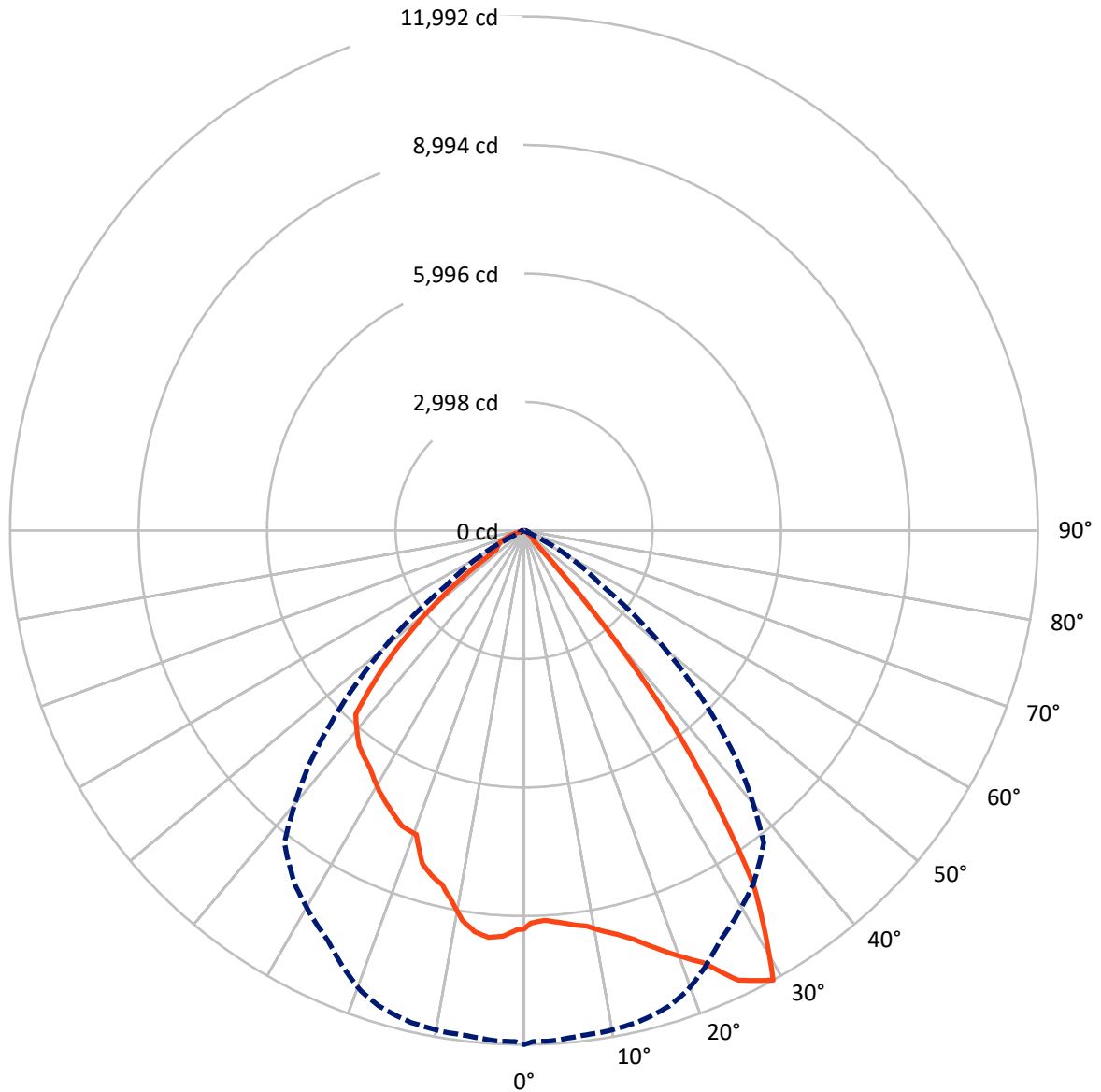
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### Lumen Table



REPORT NUMBER: P571653  
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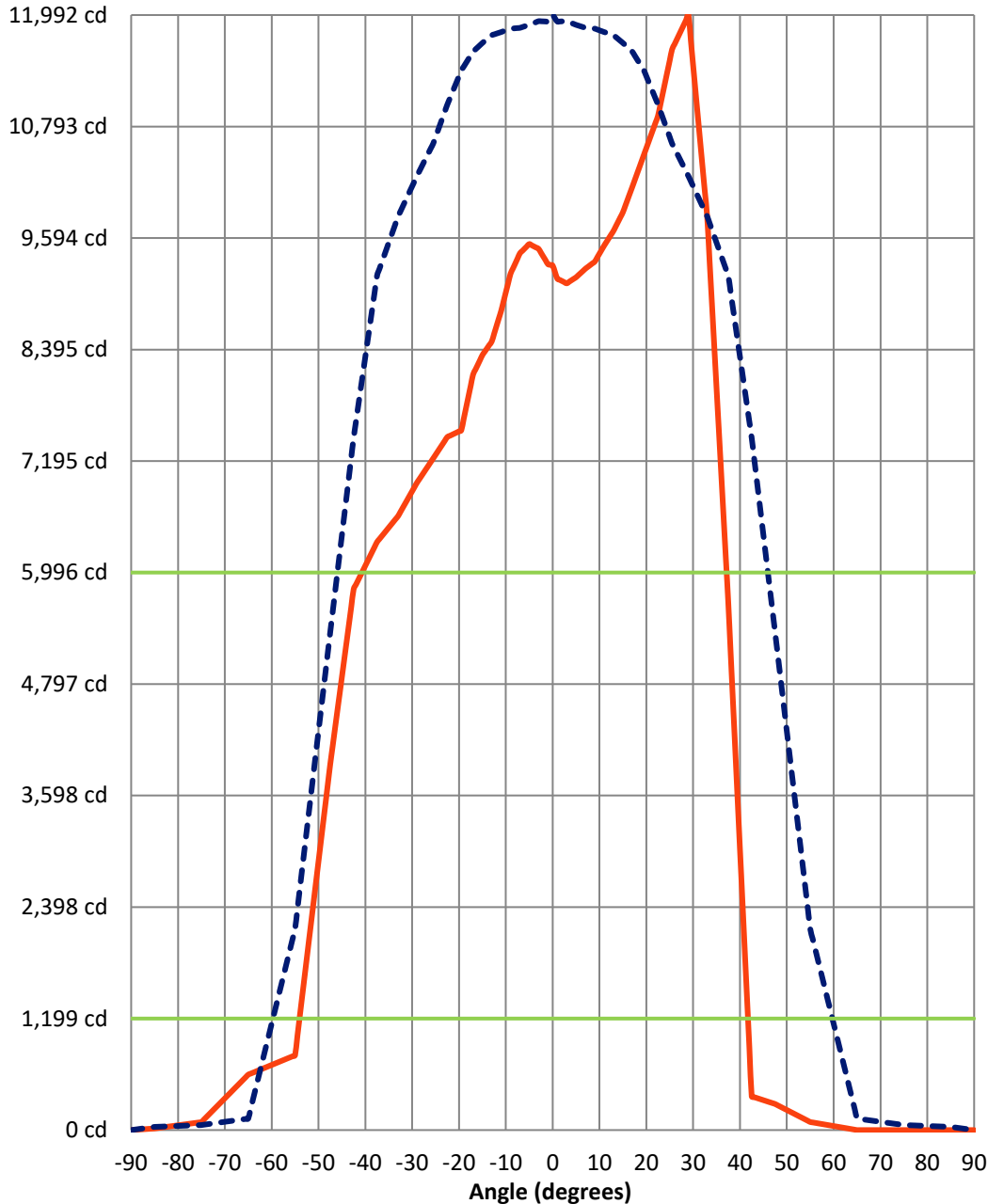
### Luminous Intensity Polar Plot



— 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: 15258.8  
 Efficiency: 77.0%

**Field:**  
 H Angle: 119.5°  
 V Angle: 95.8°  
 Lumens: 19313.8  
 Efficiency: 97.4%

**Spill:**  
 Lumens: 506.2  
 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	5.4	13.5	17.1	18.0	19.8	19.8	21.6	21.6	20.7	19.8
75°	0.0	1.8	5.4	8.1	9.9	11.7	12.6	12.6	12.6	11.7	11.7
65°	0.0	0.9	3.6	5.4	7.2	8.1	8.1	9.0	9.0	9.0	8.1
55°	86.6	89.3	87.5	86.6	86.6	84.8	81.2	75.8	69.4	70.4	65.8
47.5°	280.5	277.8	278.7	276.9	274.2	266.1	261.6	258.0	255.2	254.3	242.6
42.5°	362.6	374.3	408.6	481.6	559.2	642.2	646.7	583.6	506.9	423.0	589.0
37.5°	5672.3	5759.8	5644.3	5613.7	5461.2	5493.7	5466.6	5381.0	5374.6	5423.3	5363.8
33°	9818.5	9851.0	9790.5	9774.3	9742.7	9742.7	9708.5	9555.1	9444.2	9375.6	9354.0
29°	11992.2	11921.8	11926.3	11886.6	11854.2	11846.0	11809.1	11775.7	11691.8	11598.9	11396.0
25.5°	11622.4	11586.3	11603.4	11537.6	11525.9	11477.1	11481.7	11436.6	11375.2	11278.7	11062.3
22.5°	10908.9	10913.4	10910.7	10876.5	10863.8	10819.6	10766.4	10756.5	10751.1	10680.7	10522.9
19.5°	10491.3	10447.1	10431.8	10454.4	10416.5	10360.6	10300.1	10259.5	10210.8	10191.0	10132.4
17°	10143.2	10096.3	10117.0	10084.6	10059.3	9986.2	9922.2	9867.2	9841.9	9806.8	9721.1
15°	9870.8	9833.8	9827.5	9803.2	9822.1	9732.8	9694.9	9648.0	9596.6	9545.2	9475.8
13°	9671.5	9680.5	9665.2	9601.1	9630.0	9558.7	9511.8	9452.3	9409.0	9362.1	9323.3
11°	9512.7	9524.5	9463.1	9460.4	9473.9	9381.0	9367.5	9298.1	9273.7	9278.2	9174.5
9°	9340.5	9366.6	9388.3	9359.4	9338.7	9301.7	9280.0	9254.8	9208.8	9216.0	9189.8
7°	9263.8	9242.1	9236.7	9278.2	9245.8	9210.6	9173.6	9187.1	9196.1	9221.4	9189.8
5°	9171.8	9184.4	9192.5	9167.3	9162.8	9176.3	9152.9	9179.9	9188.0	9368.4	9424.3
3°	9106.0	9152.9	9128.5	9097.8	9119.5	9140.2	9188.9	9193.4	9280.9	9386.5	9417.1
1°	9156.5	9189.8	9192.5	9192.5	9214.2	9280.9	9286.3	9313.4	9377.4	9421.6	9446.0
0°	9298.1	9277.3	9290.0	9271.0	9323.3	9357.6	9362.1	9340.5	9387.4	9537.1	9537.1
-1°	9312.5	9321.5	9358.5	9368.4	9354.9	9397.3	9331.4	9336.9	9359.4	9447.8	9364.8
-3°	9477.6	9480.3	9475.8	9479.4	9457.7	9446.0	9400.0	9363.0	9309.8	9225.9	9155.6
-5°	9529.9	9536.2	9512.7	9501.9	9453.2	9374.7	9350.4	9287.2	9200.7	9106.9	9039.2
-7°	9428.8	9430.7	9354.9	9375.6	9295.4	9205.2	9142.9	9055.4	8993.2	8902.1	8834.5
-9°	9208.8	9176.3	9124.0	9107.8	9032.0	8921.1	8836.3	8770.4	8738.9	8685.7	8701.0
-11°	8810.1	8784.0	8786.7	8742.5	8684.8	8636.0	8594.6	8567.5	8548.6	8526.0	8493.5
-13°	8481.8	8468.3	8423.2	8436.7	8407.9	8417.8	8426.8	8416.0	8393.4	8363.7	8316.8
-15°	8334.8	8324.0	8304.1	8288.8	8286.1	8286.1	8282.5	8278.0	8258.1	8184.2	8112.0
-17°	8124.6	8097.6	8095.8	8091.3	8081.4	8086.8	8075.9	8057.0	8051.6	8002.0	7931.6
-19.5°	7526.7	7540.2	7538.4	7558.2	7536.6	7573.6	7587.1	7588.0	7560.0	7528.5	7469.8
-22.5°	7453.6	7412.1	7417.5	7429.3	7408.5	7400.4	7396.8	7400.4	7372.4	7335.5	7240.8
-25.5°	7224.5	7240.8	7241.7	7218.2	7221.8	7225.4	7183.0	7180.3	7152.4	7111.8	7009.0
-29°	6960.2	6970.2	6947.6	6949.4	6911.5	6895.3	6845.7	6816.8	6770.8	6743.8	6643.7
-33°	6604.0	6626.5	6605.8	6599.5	6562.5	6533.6	6492.1	6471.4	6398.3	6332.5	6257.6
-37.5°	6324.4	6299.1	6292.8	6305.4	6256.7	6240.5	6200.8	6166.5	6115.1	6051.1	5956.4
-42.5°	5815.7	5848.2	5836.4	5799.5	5778.7	5717.4	5693.0	5662.4	5642.5	5632.6	5525.3
-47.5°	3931.5	3948.7	3943.3	3930.6	3917.1	3911.7	3885.5	3864.8	3860.3	3844.1	3792.6
-55°	804.5	825.3	840.6	878.5	894.7	918.2	896.5	855.9	848.7	933.5	926.3
-65°	596.2	593.5	590.8	588.1	583.6	581.7	586.3	589.9	587.2	598.9	622.3
-75°	85.7	84.8	87.5	88.4	82.1	82.1	95.6	92.9	96.5	96.5	97.4
-85°	17.1	15.3	17.1	25.3	26.2	29.8	32.5	35.2	36.1	36.1	36.1
-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°	18.0	16.2	14.4	12.6	10.8	11.7	13.5	17.1	24.4	28.0	30.7
75°	10.8	9.9	9.0	9.0	9.0	10.8	12.6	16.2	23.5	27.1	31.6
65°	8.1	7.2	6.3	6.3	6.3	8.1	12.6	17.1	24.4	28.0	31.6
55°	59.5	43.3	24.4	25.3	25.3	26.2	27.1	22.5	28.0	30.7	32.5
47.5°	206.5	146.1	88.4	69.4	69.4	60.4	52.3	39.7	51.4	33.4	32.5
42.5°	579.0	265.2	425.7	455.5	395.0	176.8	232.7	264.3	65.8	37.9	33.4
37.5°	4925.5	4716.2	4434.8	4200.3	3662.8	2311.7	2090.7	919.1	78.5	43.3	33.4
33°	9024.8	8541.3	8305.9	7818.9	7444.6	5448.6	4204.8	1564.0	102.8	48.7	34.3
29°	11028.0	10610.4	10258.6	9826.6	9188.9	7444.6	5352.1	2163.7	123.6	54.1	34.3
25.5°	10728.5	10389.4	10048.5	9729.2	9386.5	8220.3	6058.3	2596.7	143.4	60.4	34.3
22.5°	10218.0	9847.3	9531.7	9344.1	9150.2	8474.6	6435.3	2898.8	162.3	66.7	35.2
19.5°	9830.2	9500.1	9210.6	9019.4	9002.2	8519.7	6645.5	3144.2	184.9	77.6	35.2
17°	9478.5	9207.0	8975.2	8887.7	8931.0	8402.4	6798.8	3347.1	205.6	84.8	35.2
15°	9241.2	9027.5	8839.9	8819.1	8790.3	8269.9	6913.3	3519.4	222.8	88.4	35.2
13°	9133.9	8945.4	8799.3	8779.5	8612.6	8113.8	6975.6	3677.2	236.3	91.1	35.2
11°	9008.5	8883.2	8806.5	8649.6	8416.0	7917.2	6980.1	3814.3	249.8	95.6	35.2
9°	9030.2	8866.9	8745.2	8499.0	8223.9	7818.0	6980.1	3938.8	247.1	98.3	35.2
7°	9040.1	8887.7	8636.0	8349.2	8073.2	7719.7	6998.1	4062.3	235.4	101.9	35.2
5°	9087.0	8866.0	8581.9	8232.0	7949.7	7649.3	6939.5	4188.6	230.9	104.6	35.2
3°	9089.7	8864.2	8559.4	8115.6	7863.1	7582.6	6932.3	4296.8	230.0	105.5	36.1
1°	9092.4	8855.2	8489.0	8000.2	7789.1	7549.2	6922.4	4417.7	232.7	105.5	36.1
0°	9078.9	8814.6	8459.3	7971.3	7743.1	7524.0	6934.1	4481.7	234.5	103.7	36.1
-1°	9063.6	8759.6	8386.2	7930.7	7708.0	7514.0	6921.5	4544.9	234.5	102.8	36.1
-3°	8950.8	8669.4	8317.7	7892.9	7646.6	7454.5	6874.6	4653.1	241.7	102.8	36.1
-5°	8833.6	8568.4	8244.6	7790.9	7571.8	7381.5	6887.2	4717.1	245.3	102.8	36.1
-7°	8717.2	8440.3	8141.8	7745.8	7461.7	7271.4	6853.8	4800.1	246.2	101.9	36.1
-9°	8527.8	8287.9	7970.4	7580.8	7318.3	7190.2	6842.1	4841.6	248.0	101.9	36.1
-11°	8368.2	8083.2	7796.3	7436.5	7179.4	7055.9	6786.2	4836.2	249.8	101.0	36.1
-13°	8145.4	7891.0	7630.4	7291.3	7060.4	6902.5	6729.4	4803.7	248.9	101.9	36.1
-15°	7944.3	7695.3	7432.9	7166.8	6926.9	6740.2	6644.6	4729.8	248.9	101.9	36.1
-17°	7740.4	7499.6	7253.4	6997.2	6793.4	6644.6	6581.4	4590.0	247.1	101.0	36.1
-19.5°	7284.0	7101.0	6947.6	6807.8	6636.5	6462.4	6482.2	4336.5	240.8	101.0	36.1
-22.5°	7054.0	6867.3	6711.3	6570.6	6435.3	6263.1	6377.6	3952.3	230.9	99.2	36.1
-25.5°	6845.7	6666.2	6505.7	6365.9	6273.9	6168.3	6282.9	3454.4	221.0	97.4	36.1
-29°	6493.0	6345.1	6212.5	6073.6	5999.7	5955.5	6131.4	2788.8	213.8	93.8	35.2
-33°	6100.7	5974.4	5844.6	5656.9	5577.6	5578.5	5775.1	1955.4	209.2	88.4	35.2
-37.5°	5824.7	5684.9	5491.0	5283.5	5138.3	5164.5	5204.2	1529.7	212.0	80.3	35.2
-42.5°	5381.9	5307.0	5072.5	4869.6	4604.4	4335.6	3935.2	1142.8	185.8	66.7	35.2
-47.5°	3762.9	3654.6	3555.4	3442.7	3196.5	2751.8	2103.3	451.9	166.0	52.3	35.2
-55°	982.2	970.5	1033.6	950.6	778.4	580.8	506.0	173.2	125.4	45.1	35.2
-65°	676.5	702.6	552.0	367.1	185.8	157.8	246.2	93.8	68.5	39.7	34.3
-75°	94.7	84.8	66.7	70.4	74.0	69.4	63.1	38.8	38.8	36.1	33.4
-85°	35.2	33.4	32.5	31.6	29.8	28.0	28.0	28.9	32.5	35.2	33.4
-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)