

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: P571647

Luminaire Tested: **UFLD-CA2-130-760-U-66-TS2_UFLD**

Issue Date: 9/21/2021

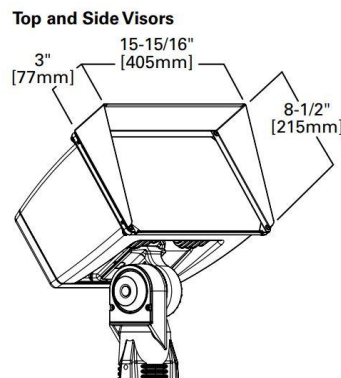
Test Information

Test Method: LM-79-08
Report Number: P571647
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-CA2-130-760-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

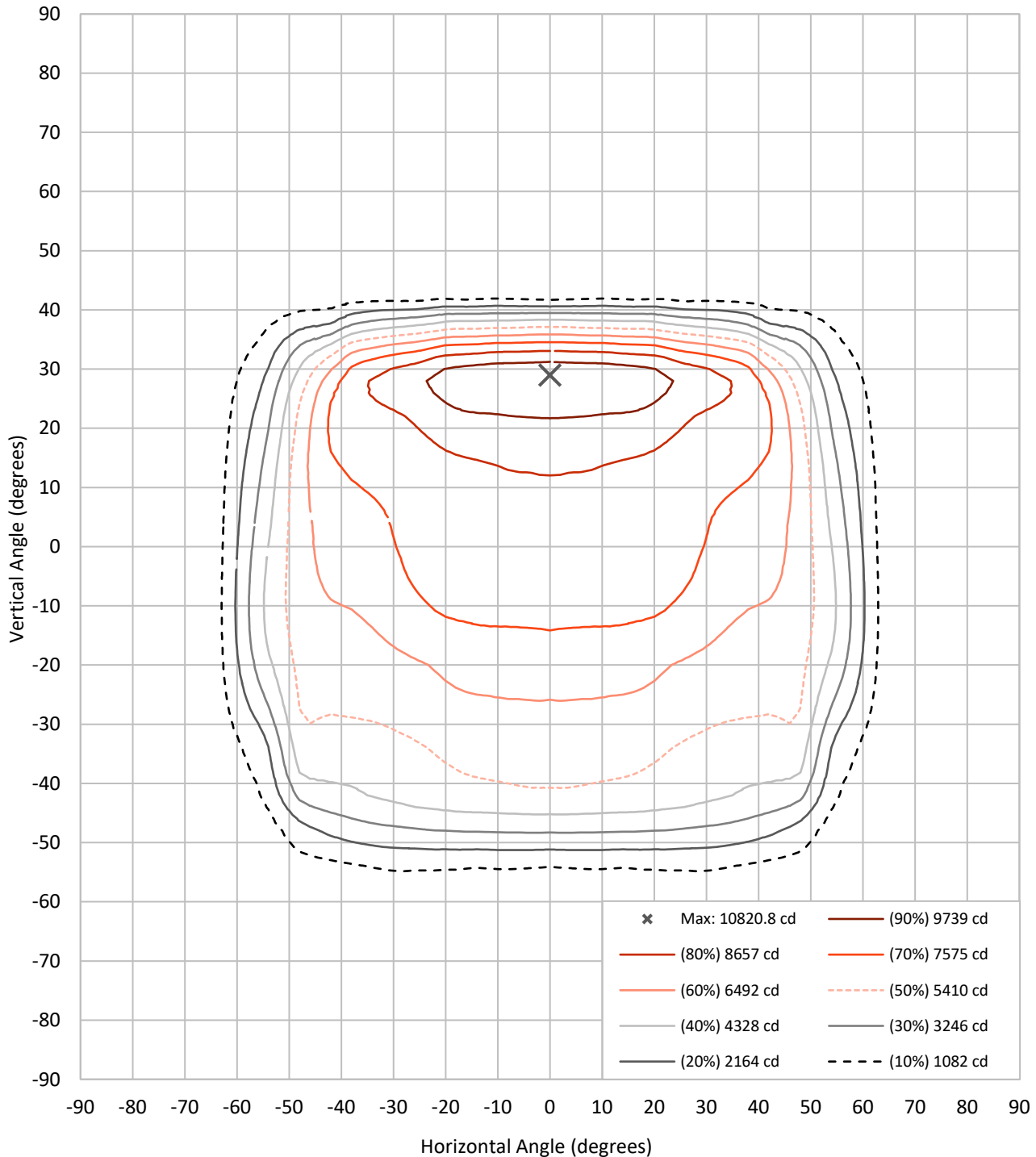
Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	17884 lumens	Max Intensity:	10820.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 29°V
Efficacy:	134.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.25' x L: 0.67' x H: 0')		
Beam Angle (50%):	91.9°H x 77.9°V	Field Angle (10%):	119.5°H x 95.8°V
Beam Lumens:	13768.4 lumens	Field Lumens:	17427.3 lumens
Beam Efficiency:	77.0%	Field Efficiency:	97.4%

Input Watts (W): 132.7
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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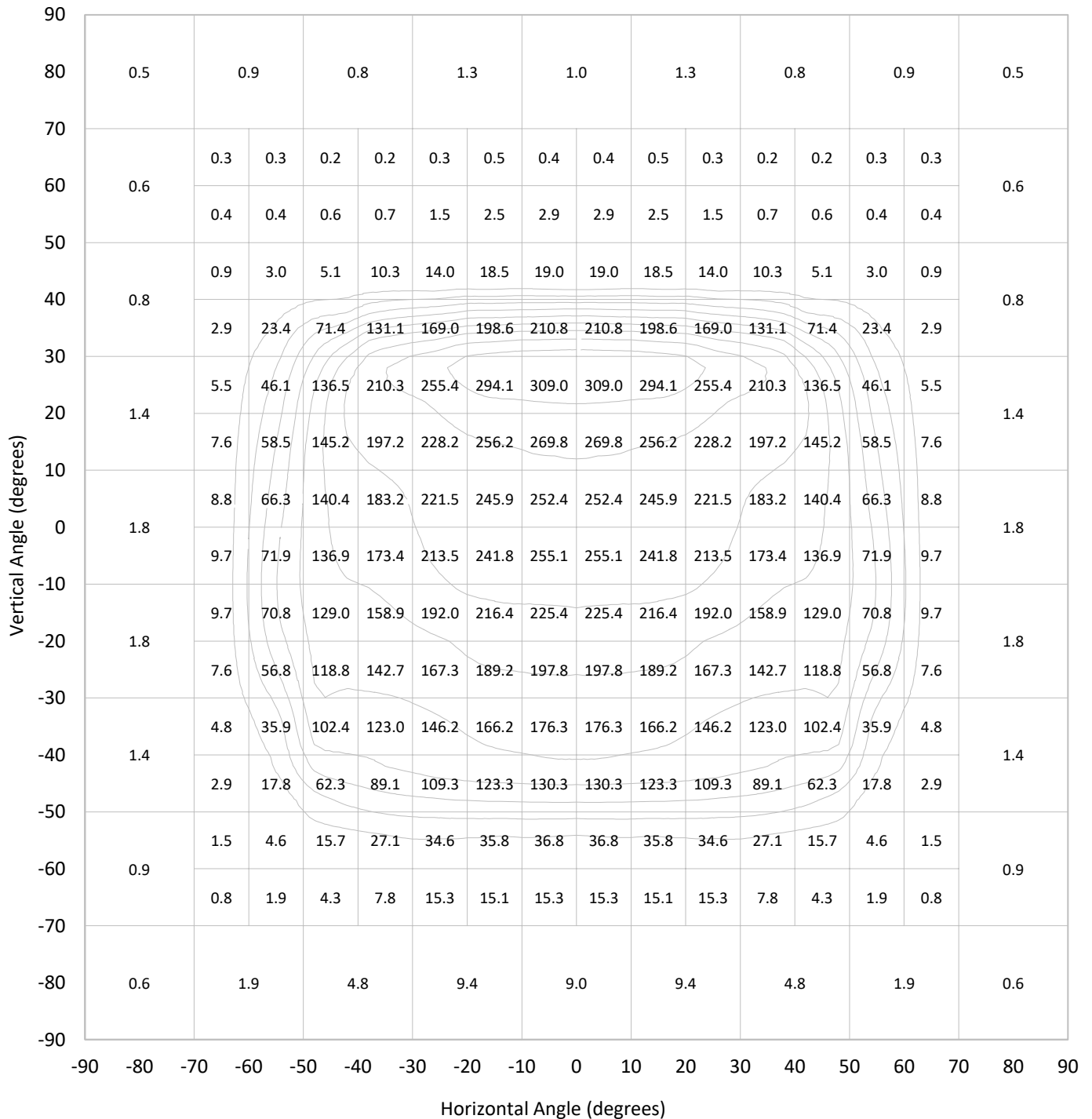
Iso-Candela Plot





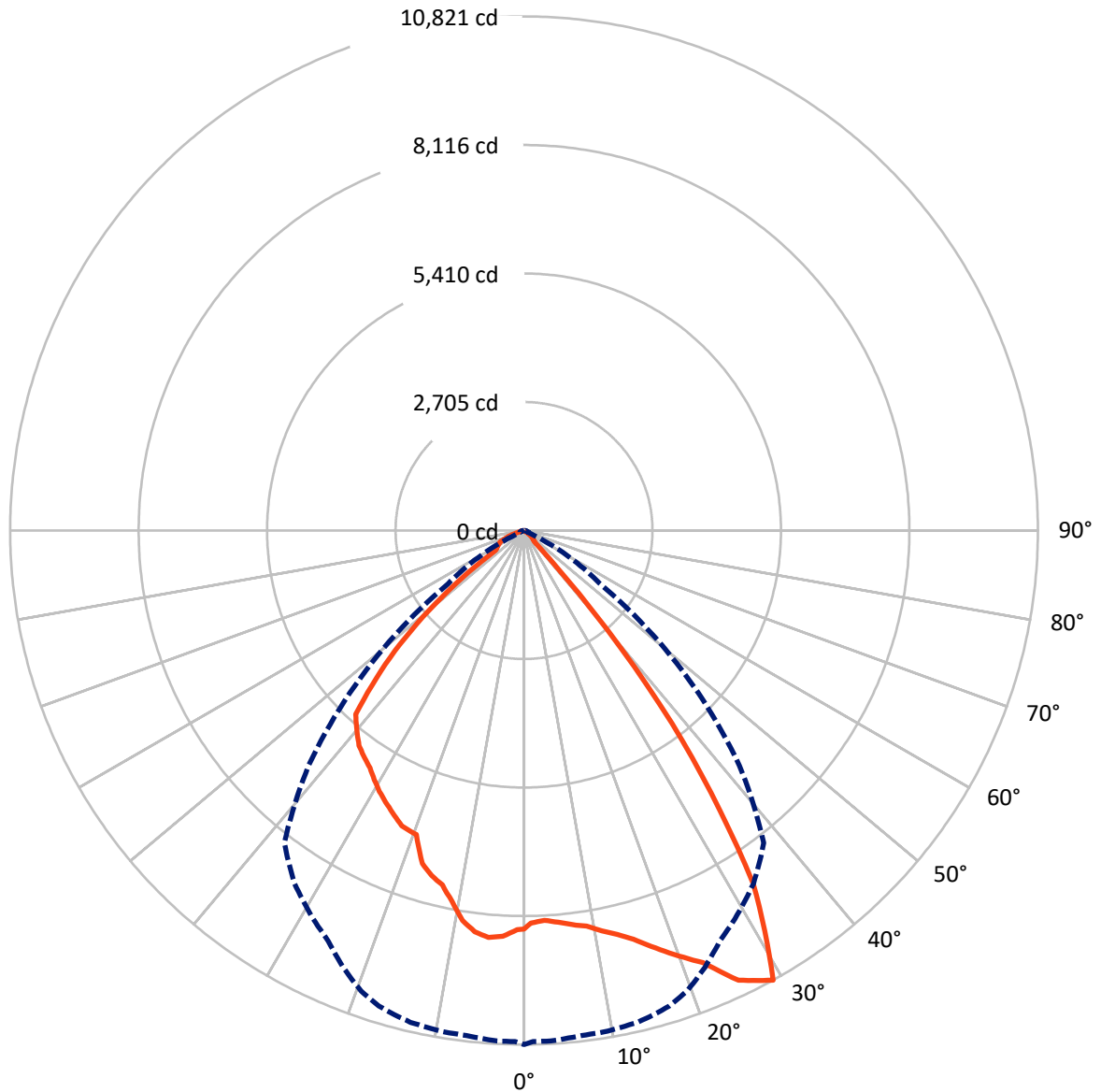
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Lumen Table



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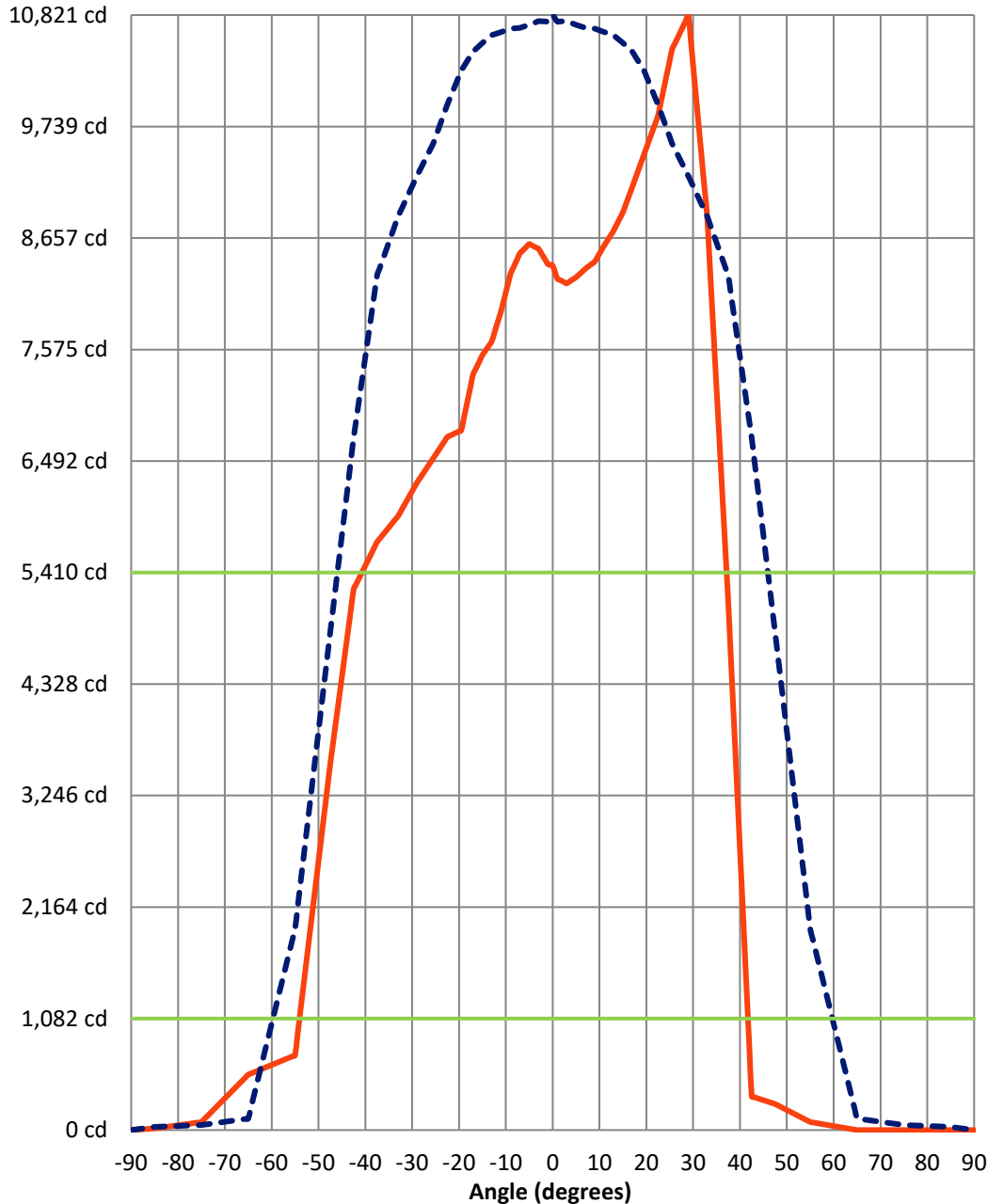
Luminous Intensity Polar Plot



— 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: 13768.4
 Efficiency: 77.0%

Field:
 H Angle: 119.5°
 V Angle: 95.8°
 Lumens: 17427.3
 Efficiency: 97.4%

Spill:
 Lumens: 456.7
 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	4.9	12.2	15.5	16.3	17.9	17.9	19.5	19.5	18.7	17.9
75°	0.0	1.6	4.9	7.3	9.0	10.6	11.4	11.4	11.4	10.6	10.6
65°	0.0	0.8	3.3	4.9	6.5	7.3	7.3	8.1	8.1	8.1	7.3
55°	78.1	80.6	78.9	78.1	78.1	76.5	73.2	68.4	62.7	63.5	59.4
47.5°	253.1	250.7	251.5	249.8	247.4	240.1	236.0	232.8	230.3	229.5	218.9
42.5°	327.2	337.7	368.7	434.6	504.6	579.5	583.5	526.6	457.4	381.7	531.4
37.5°	5118.2	5197.2	5093.0	5065.3	4927.8	4957.1	4932.7	4855.3	4849.7	4893.6	4839.9
33°	8859.4	8888.7	8834.2	8819.5	8791.1	8791.1	8760.1	8621.8	8521.7	8459.8	8440.3
29°	10820.8	10757.3	10761.4	10725.6	10696.3	10688.9	10655.6	10625.5	10549.8	10465.9	10282.8
25.5°	10487.1	10454.5	10470.0	10410.6	10400.0	10356.1	10360.1	10319.4	10264.1	10177.0	9981.7
22.5°	9843.4	9847.4	9845.0	9814.1	9802.7	9762.8	9714.8	9705.8	9700.9	9637.5	9495.0
19.5°	9466.5	9426.7	9412.8	9433.2	9399.0	9348.5	9294.0	9257.4	9213.4	9195.5	9142.6
17°	9152.4	9110.1	9128.8	9099.5	9076.7	9010.8	8953.0	8903.4	8880.6	8848.8	8771.5
15°	8906.6	8873.3	8867.6	8845.6	8862.7	8782.1	8747.9	8705.6	8659.2	8612.8	8550.2
13°	8726.8	8734.9	8721.1	8663.3	8689.3	8625.0	8582.7	8529.0	8489.9	8447.6	8412.6
11°	8583.5	8594.1	8538.8	8536.3	8548.5	8464.7	8452.5	8389.8	8367.9	8371.9	8278.3
9°	8428.1	8451.7	8471.2	8445.2	8426.5	8393.1	8373.6	8350.8	8309.3	8315.8	8292.2
7°	8358.9	8339.4	8334.5	8371.9	8342.6	8310.9	8277.5	8289.7	8297.9	8320.7	8292.2
5°	8275.9	8287.3	8294.6	8271.8	8267.8	8280.0	8258.8	8283.2	8290.6	8453.3	8503.8
3°	8216.5	8258.8	8236.8	8209.2	8228.7	8247.4	8291.4	8295.4	8374.4	8469.6	8497.3
1°	8262.1	8292.2	8294.6	8294.6	8314.2	8374.4	8379.3	8403.7	8461.5	8501.3	8523.3
0°	8389.8	8371.1	8382.5	8365.4	8412.6	8443.6	8447.6	8428.1	8470.4	8605.5	8605.5
-1°	8402.9	8411.0	8444.4	8453.3	8441.1	8479.4	8420.0	8424.8	8445.2	8524.9	8450.1
-3°	8551.8	8554.2	8550.2	8553.4	8533.9	8523.3	8481.8	8448.4	8400.4	8324.7	8261.3
-5°	8599.0	8604.7	8583.5	8573.8	8529.8	8459.0	8437.0	8380.1	8301.9	8217.3	8156.3
-7°	8507.8	8509.5	8441.1	8459.8	8387.4	8306.0	8249.9	8170.9	8114.8	8032.6	7971.5
-9°	8309.3	8280.0	8232.8	8218.1	8149.8	8049.7	7973.2	7913.7	7885.3	7837.2	7851.1
-11°	7949.6	7926.0	7928.4	7888.5	7836.4	7792.5	7755.0	7730.6	7713.5	7693.2	7663.9
-13°	7653.3	7641.1	7600.4	7612.6	7586.6	7595.5	7603.7	7593.9	7573.6	7546.7	7504.4
-15°	7520.7	7510.9	7493.0	7479.2	7476.7	7476.7	7473.5	7469.4	7451.5	7384.8	7319.6
-17°	7331.0	7306.6	7305.0	7300.9	7292.0	7296.9	7287.1	7270.0	7265.1	7220.4	7156.9
-19.5°	6791.5	6803.7	6802.0	6820.0	6800.4	6833.8	6846.0	6846.8	6821.6	6793.1	6740.2
-22.5°	6725.5	6688.1	6693.0	6703.6	6684.9	6677.5	6674.3	6677.5	6652.3	6618.9	6533.5
-25.5°	6518.8	6533.5	6534.3	6513.1	6516.4	6519.6	6481.4	6479.0	6453.7	6417.1	6324.3
-29°	6280.4	6289.3	6269.0	6270.6	6236.4	6221.8	6177.0	6151.0	6109.5	6085.1	5994.7
-33°	5958.9	5979.3	5960.5	5954.8	5921.5	5895.4	5858.0	5839.3	5773.4	5713.9	5646.4
-37.5°	5706.6	5683.8	5678.1	5689.5	5645.6	5630.9	5595.1	5564.2	5517.8	5460.0	5374.6
-42.5°	5247.6	5276.9	5266.3	5233.0	5214.3	5158.9	5136.9	5109.3	5091.4	5082.4	4985.6
-47.5°	3547.5	3563.0	3558.1	3546.7	3534.5	3529.6	3506.0	3487.3	3483.2	3468.6	3422.2
-55°	725.9	744.7	758.5	792.7	807.3	828.5	809.0	772.3	765.8	842.3	835.8
-65°	537.9	535.5	533.1	530.6	526.6	524.9	529.0	532.2	529.8	540.4	561.5
-75°	77.3	76.5	78.9	79.8	74.1	74.1	86.3	83.8	87.1	87.1	87.9
-85°	15.5	13.8	15.5	22.8	23.6	26.9	29.3	31.7	32.6	32.6	32.6
-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°	16.3	14.6	13.0	11.4	9.8	10.6	12.2	15.5	22.0	25.2	27.7
75°	9.8	9.0	8.1	8.1	8.1	9.8	11.4	14.6	21.2	24.4	28.5
65°	7.3	6.5	5.7	5.7	5.7	7.3	11.4	15.5	22.0	25.2	28.5
55°	53.7	39.1	22.0	22.8	22.8	23.6	24.4	20.3	25.2	27.7	29.3
47.5°	186.4	131.8	79.8	62.7	62.7	54.5	47.2	35.8	46.4	30.1	29.3
42.5°	522.5	239.3	384.1	411.0	356.5	159.5	210.0	238.5	59.4	34.2	30.1
37.5°	4444.4	4255.6	4001.6	3790.0	3305.0	2085.9	1886.5	829.3	70.8	39.1	30.1
33°	8143.2	7707.0	7494.6	7055.1	6717.4	4916.4	3794.1	1411.2	92.8	43.9	30.9
29°	9950.8	9574.0	9256.6	8866.7	8291.4	6717.4	4829.3	1952.4	111.5	48.8	30.9
25.5°	9680.6	9374.6	9067.0	8778.9	8469.6	7417.3	5466.5	2343.0	129.4	54.5	30.9
22.5°	9220.0	8885.5	8600.6	8431.3	8256.4	7646.8	5806.7	2615.7	146.5	60.2	31.7
19.5°	8870.0	8572.1	8310.9	8138.4	8122.9	7687.5	5996.3	2837.0	166.8	70.0	31.7
17°	8552.6	8307.6	8098.5	8019.5	8058.6	7581.7	6134.7	3020.1	185.6	76.5	31.7
15°	8338.6	8145.7	7976.4	7957.7	7931.7	7462.1	6238.1	3175.6	201.0	79.8	31.7
13°	8241.7	8071.6	7939.8	7921.9	7771.3	7321.3	6294.2	3318.0	213.2	82.2	31.7
11°	8128.6	8015.5	7946.3	7804.7	7593.9	7143.9	6298.3	3441.7	225.4	86.3	31.7
9°	8148.1	8000.8	7891.0	7668.8	7420.6	7054.3	6298.3	3554.0	223.0	88.7	31.7
7°	8157.1	8019.5	7792.5	7533.7	7284.7	6965.6	6314.6	3665.5	212.4	92.0	31.7
5°	8199.4	8000.0	7743.7	7427.9	7173.2	6902.1	6261.7	3779.5	208.3	94.4	31.7
3°	8201.8	7998.4	7723.3	7322.9	7095.0	6841.9	6255.1	3877.1	207.5	95.2	32.6
1°	8204.3	7990.2	7659.8	7218.7	7028.3	6811.8	6246.2	3986.2	210.0	95.2	32.6
0°	8192.1	7953.6	7633.0	7192.7	6986.8	6789.0	6256.8	4044.0	211.6	93.6	32.6
-1°	8178.2	7904.0	7567.1	7156.1	6955.0	6780.1	6245.4	4100.9	211.6	92.8	32.6
-3°	8076.5	7822.6	7505.2	7121.9	6899.7	6726.4	6203.1	4198.6	218.1	92.8	32.6
-5°	7970.7	7731.4	7439.3	7029.9	6832.2	6660.4	6214.5	4256.4	221.4	92.8	32.6
-7°	7865.7	7615.9	7346.5	6989.2	6732.9	6561.2	6184.3	4331.2	222.2	92.0	32.6
-9°	7694.8	7478.3	7191.9	6840.3	6603.5	6487.9	6173.8	4368.7	223.8	92.0	32.6
-11°	7550.8	7293.6	7034.8	6710.1	6478.1	6366.6	6123.3	4363.8	225.4	91.1	32.6
-13°	7349.8	7120.3	6885.1	6579.1	6370.7	6228.3	6072.0	4334.5	224.6	92.0	32.6
-15°	7168.3	6943.7	6706.8	6466.7	6250.3	6081.8	5995.5	4267.8	224.6	92.0	32.6
-17°	6984.3	6767.1	6544.9	6313.7	6129.8	5995.5	5938.6	4141.6	223.0	91.1	32.6
-19.5°	6572.5	6407.3	6269.0	6142.8	5988.2	5831.1	5849.0	3912.9	217.3	91.1	32.6
-22.5°	6365.0	6196.6	6055.8	5928.8	5806.7	5651.3	5754.6	3566.2	208.3	89.5	32.6
-25.5°	6177.0	6015.1	5870.2	5744.1	5661.0	5565.8	5669.2	3117.0	199.4	87.9	32.6
-29°	5858.8	5725.3	5605.7	5480.4	5413.6	5373.8	5532.5	2516.4	192.9	84.6	31.7
-33°	5504.8	5390.9	5273.7	5104.4	5032.8	5033.6	5211.0	1764.4	188.8	79.8	31.7
-37.5°	5255.8	5129.6	4954.6	4767.5	4636.4	4660.0	4695.8	1380.3	191.3	72.4	31.7
-42.5°	4856.2	4788.6	4577.0	4393.9	4154.6	3912.1	3550.8	1031.1	167.7	60.2	31.7
-47.5°	3395.3	3297.7	3208.1	3106.4	2884.2	2483.0	1897.9	407.7	149.7	47.2	31.7
-55°	886.3	875.7	932.7	857.8	702.3	524.1	456.6	156.3	113.1	40.7	31.7
-65°	610.4	634.0	498.1	331.2	167.7	142.4	222.2	84.6	61.9	35.8	30.9
-75°	85.5	76.5	60.2	63.5	66.7	62.7	57.0	35.0	35.0	32.6	30.1
-85°	31.7	30.1	29.3	28.5	26.9	25.2	25.2	26.0	29.3	31.7	30.1
-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):

	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)