

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: P598940

Luminaire Tested: **IFLD-S-SA3A-735-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598940
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3A-735-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (48) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

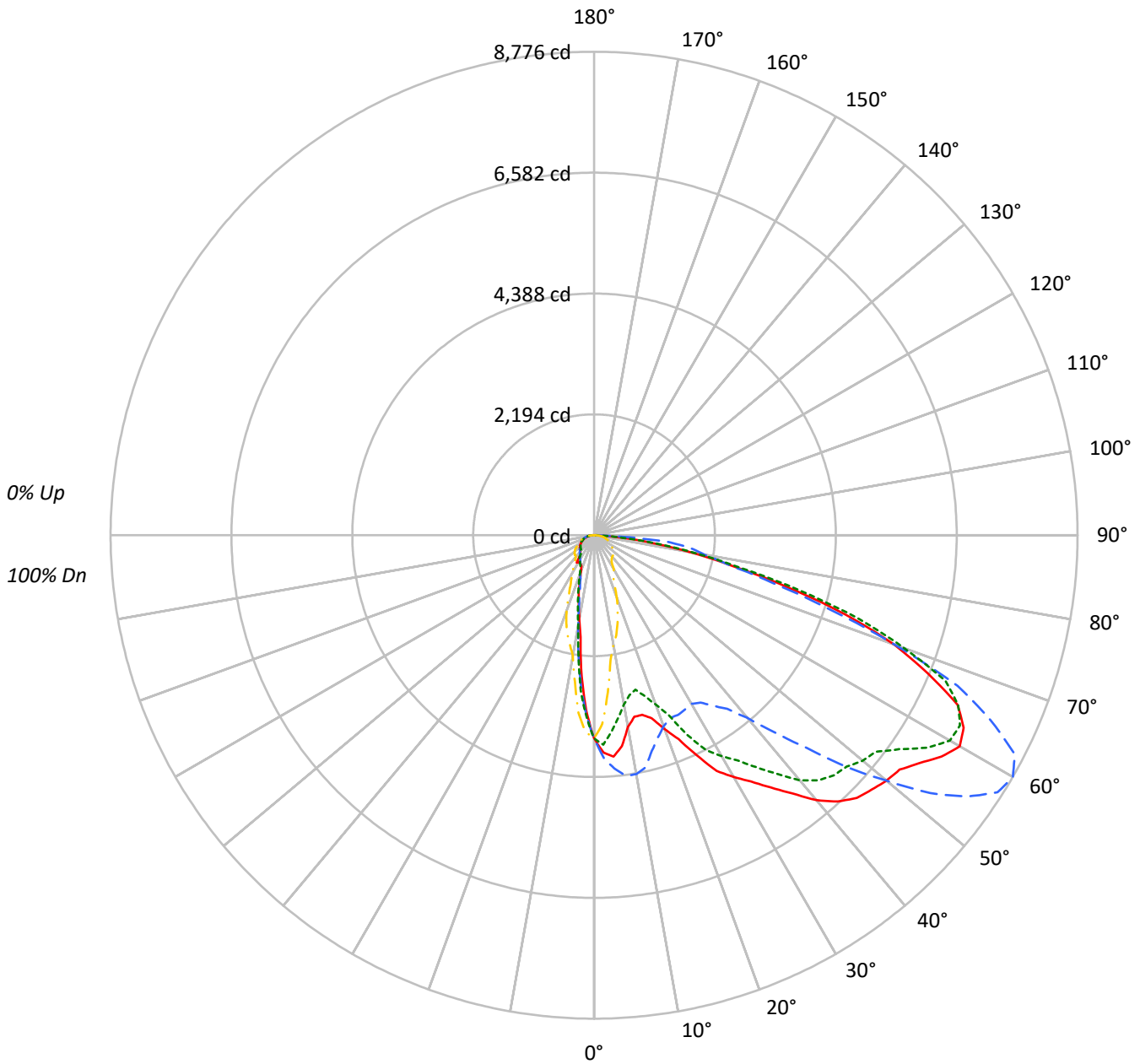
Lumens per Lamp: N/A
 Luminaire Lumens: 11542.7 lumens
 Efficiency: N/A
 Efficacy: 121.8 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 94.8
 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

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	GONIO 1 IN0055	4/22/2021	10/22/2021
Power Meter	XITRON 2801 IN0197	12/1/2020	12/1/2021
AC Power Source	CHROMA 61505 IN0196	12/1/2020	12/1/2021
DC Power Supply	AGILENT E3634A IN0198	11/30/2020	11/30/2021
Room Thermometer	ONSET IN0143	12/1/2020	12/1/2021

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - · - 135°-315°

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77	77	77	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60	60	60	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47	47	47	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38	38	38	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31	31	31	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26	26	26	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22	22	22	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19	19	19	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17	17	17	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15	15	15	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	52911	52911	52911	52911
5°	58130	51638	37031	40425
10°	51489	45444	22460	24103
15°	50136	43138	15901	16509
20°	57167	49894	10401	11496
25°	69651	63246	9082	9406
30°	83923	76709	9420	8740
35°	97874	90071	7805	7357
40°	117611	108785	7290	6908
45°	136872	125023	7378	6858
50°	154683	142106	7544	7089
55°	180394	169377	7814	7431
60°	220020	213995	7790	7790
65°	247266	247612	7997	8347
70°	243011	251605	8380	8594
75°	200457	213804	8800	9371
80°	144735	151926	9736	10158
85°	80095	86007	10967	13486

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	286.4	2.5
10°-20°	604.7	5.2
20°-30°	884.7	7.7
30°-40°	1246.5	10.8
40°-50°	1713.1	14.8
50°-60°	2334.8	20.2
60°-70°	2555.3	22.1
70°-80°	1475.3	12.8
80°-90°	441.8	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1775.8	15.4
0°-40°	3022.4	26.2
0°-60°	7070.3	61.3
0°-90°	11542.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11542.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3687	3687	3687	3687	3687	
5°	4035	3584	2570	2806	4035	366
15°	3374	2903	1070	1111	3374	986
25°	4398	3994	574	594	4398	2060
35°	5586	5141	446	420	5586	3542
45°	6744	6160	364	338	6744	5183
55°	7210	6769	312	297	7210	6505
65°	7281	7291	236	246	7281	6969
75°	3615	3856	159	169	3615	3883
85°	486	522	67	82	486	675
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7
2.5°	3947.8	3932.5	3947.8	4004.1	4019.5	4045.1	4045.1	4009.3	3942.7	3912.0	3860.8
5°	4034.9	4009.3	4137.3	4255.0	4347.2	4337.0	4249.9	4178.2	4045.1	3845.4	3656.0
7.5°	3860.8	3886.4	3978.5	4285.8	4500.8	4541.8	4403.5	4260.2	3973.4	3696.9	3440.9
10°	3533.1	3568.9	3768.6	4086.1	4424.0	4490.6	4403.5	4229.4	3886.4	3543.3	3246.3
12.5°	3374.3	3456.3	3574.0	3958.1	4198.7	4357.5	4316.5	4203.8	3819.8	3415.3	3128.6
15°	3374.3	3394.8	3568.9	3891.5	4029.7	4034.9	4050.2	4070.7	3840.3	3471.6	3087.6
17.5°	3481.9	3538.2	3686.7	3886.4	3912.0	3850.5	3850.5	3937.6	3881.3	3630.4	3236.1
20°	3743.0	3722.5	3917.1	3999.0	3860.8	3707.2	3691.8	3840.3	3927.3	3799.3	3507.5
22.5°	4004.1	4096.3	4255.0	4070.7	3814.7	3609.9	3589.4	3773.7	4065.6	4091.2	3819.8
25°	4398.4	4490.6	4572.5	4347.2	3809.6	3584.3	3599.6	3743.0	4234.6	4505.9	4342.1
27.5°	4823.4	4879.7	4997.5	4649.3	3932.5	3553.5	3568.9	3784.0	4393.3	4777.3	4751.7
30°	5064.1	5125.5	5099.9	4705.6	4014.4	3574.0	3533.1	3840.3	4306.2	4777.3	5018.0
32.5°	5299.6	5263.8	5248.4	4797.8	4116.8	3702.0	3599.6	3958.1	4357.5	4854.1	5361.0
35°	5586.3	5535.1	5494.2	4977.0	4285.8	3824.9	3778.8	4111.7	4470.1	5012.9	5637.5
37.5°	5903.8	5903.8	5704.1	5110.1	4485.5	4024.6	3973.4	4331.8	4649.3	5110.1	6016.5
40°	6277.6	6293.0	5939.7	5289.4	4710.8	4342.1	4326.7	4618.6	4823.4	5253.5	6380.0
42.5°	6554.1	6564.3	6144.5	5355.9	4971.9	4782.4	4849.0	5079.4	5023.1	5381.5	6405.6
45°	6743.6	6692.3	6287.8	5545.4	5258.6	5443.0	5463.5	5530.0	5284.2	5458.3	6508.0
47.5°	6835.7	6825.5	6349.3	5765.6	5862.8	6113.7	6231.5	6139.3	5524.9	5376.4	6508.0
50°	6927.9	6840.8	6405.6	6067.7	6451.7	6958.6	6933.0	6764.0	5857.7	5478.8	6410.7
52.5°	6989.3	6912.5	6518.3	6339.0	7014.9	7588.4	7690.8	7378.5	6246.9	5668.3	6456.8
55°	7209.5	7148.1	6856.2	6707.7	7665.2	8254.1	8269.4	7834.2	6656.5	5980.6	6758.9
57.5°	7475.8	7511.6	7322.2	7230.0	8161.9	8740.5	8684.2	8172.1	7004.7	6359.5	7107.1
60°	7665.2	7721.5	7675.5	7685.7	8407.7	8904.4	8776.3	8382.1	7260.7	6646.3	7532.1
62.5°	7562.8	7675.5	7864.9	7824.0	8417.9	8786.6	8607.4	8105.6	7291.4	7020.1	7854.7
65°	7281.2	7291.4	7660.1	7885.4	7957.1	8177.3	7941.7	7527.0	6974.0	7250.5	7808.6
67.5°	6559.2	6641.1	6974.0	7414.3	7112.2	7163.4	7142.9	6543.9	6492.7	7091.7	7455.3
70°	5791.2	5847.5	6211.0	6728.2	6006.2	5765.6	5811.6	5366.2	5576.1	6600.2	6743.6
72.5°	4787.6	4823.4	5238.2	5693.9	4818.3	4388.2	4495.7	4132.2	4429.1	5775.8	5688.8
75°	3615.0	3681.6	4004.1	4541.8	3548.4	3271.9	3379.5	3231.0	3507.5	4756.8	4413.8
77.5°	2570.4	2519.2	2918.6	3553.5	2667.7	2503.9	2514.1	2539.7	2836.7	4009.3	3169.5
80°	1751.2	1766.5	2125.0	2606.3	2094.2	2068.6	2043.0	2247.9	2381.0	3174.6	2304.2
82.5°	1039.4	1039.4	1433.7	1853.6	1653.9	1863.8	1746.1	1930.4	1863.8	2334.9	1510.5
85°	486.4	486.4	737.3	1336.4	1280.1	1536.1	1305.7	1459.3	1377.4	1628.3	681.0
87.5°	81.9	71.7	148.5	655.4	527.4	599.1	235.5	778.3	865.3	1136.7	169.0
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°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7
2.5°	3804.4	3768.6	3696.9	3604.8	3527.9	3430.7	3399.9	3333.4	3241.2	3231.0	3190.0
5°	3584.3	3461.4	3307.8	3118.3	2990.3	2857.2	2744.5	2678.0	2601.2	2590.9	2570.4
7.5°	3343.6	3190.0	2934.0	2708.7	2488.5	2278.6	2176.2	2048.2	1961.1	1894.5	1863.8
10°	3118.3	2974.9	2657.5	2350.3	2155.7	2017.4	1894.5	1761.4	1653.9	1572.0	1541.2
12.5°	2969.8	2800.9	2457.8	2165.9	2022.6	1863.8	1725.6	1582.2	1443.9	1336.4	1280.1
15°	2903.3	2744.5	2396.3	2073.8	1863.8	1643.6	1484.9	1341.5	1172.6	1095.8	1070.2
17.5°	3062.0	2826.5	2375.9	1966.2	1669.2	1418.3	1223.8	1070.2	947.3	870.5	839.7
20°	3266.8	2974.9	2411.7	1838.2	1484.9	1203.3	988.2	824.4	742.5	686.1	681.0
22.5°	3527.9	3195.1	2468.0	1746.1	1280.1	967.8	773.2	675.9	619.6	614.4	604.2
25°	3993.9	3594.5	2560.2	1623.2	1116.2	798.8	660.5	604.2	578.6	563.2	573.5
27.5°	4393.3	3855.7	2626.8	1546.4	1049.7	752.7	640.0	578.6	553.0	547.9	553.0
30°	4628.8	4096.3	2606.3	1403.0	916.5	716.9	681.0	660.5	609.3	568.4	568.4
32.5°	4843.9	4249.9	2601.2	1275.0	783.4	599.1	568.4	553.0	583.7	604.2	588.8
35°	5140.9	4490.6	2585.8	1203.3	727.1	553.0	501.8	460.8	440.4	430.1	445.5
37.5°	5458.3	4654.4	2544.8	1193.1	696.4	527.4	486.4	445.5	425.0	414.8	409.6
40°	5806.5	4828.5	2498.7	1141.8	681.0	512.0	471.1	435.2	409.6	394.3	389.1
42.5°	6031.8	4966.8	2452.7	1116.2	650.3	501.8	455.7	425.0	399.4	378.9	378.9
45°	6159.8	5130.6	2406.6	1090.6	614.4	506.9	455.7	414.8	384.0	373.8	363.5
47.5°	6216.2	5253.5	2391.2	1049.7	583.7	486.4	445.5	404.5	373.8	353.3	348.2
50°	6364.6	5514.7	2447.5	1019.0	547.9	466.0	471.1	399.4	368.7	343.1	337.9
52.5°	6451.7	5724.6	2570.4	972.9	522.3	440.4	460.8	389.1	353.3	327.7	327.7
55°	6769.2	6072.8	2703.6	937.0	491.6	404.5	425.0	368.7	327.7	312.3	312.3
57.5°	7173.7	6441.4	2816.2	921.7	471.1	378.9	378.9	358.4	312.3	291.9	286.7
60°	7455.3	6743.6	2882.8	911.4	450.6	353.3	337.9	358.4	297.0	276.5	271.4
62.5°	7486.0	6569.5	2816.2	906.3	445.5	327.7	307.2	343.1	281.6	261.1	250.9
65°	7291.4	6216.2	2631.9	885.8	440.4	302.1	286.7	297.0	261.1	245.8	235.5
67.5°	6902.3	5642.7	2365.6	875.6	435.2	281.6	261.1	256.0	240.7	225.3	215.1
70°	5996.0	4895.1	2053.3	829.5	425.0	266.3	235.5	230.4	215.1	204.8	199.7
72.5°	5033.3	4004.1	1694.8	768.1	404.5	240.7	215.1	204.8	199.7	184.3	179.2
75°	3855.7	3082.5	1356.9	681.0	353.3	215.1	189.5	179.2	174.1	163.9	158.7
77.5°	2708.7	2293.9	1003.6	553.0	297.0	194.6	169.0	158.7	153.6	138.3	138.3
80°	1838.2	1607.8	681.0	384.0	230.4	158.7	148.5	138.3	128.0	117.8	117.8
82.5°	1141.8	1126.5	491.6	250.9	169.0	128.0	117.8	117.8	102.4	92.2	92.2
85°	522.3	691.3	343.1	174.1	128.0	97.3	97.3	92.2	81.9	66.6	66.6
87.5°	163.9	230.4	179.2	76.8	71.7	56.3	56.3	51.2	51.2	41.0	41.0
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7
2.5°	3231.0	3225.8	3225.8	3205.4	3256.6	3256.6	3287.3	3261.7	3277.0	3282.2	3323.1
5°	2565.3	2606.3	2637.0	2698.4	2734.3	2749.6	2749.6	2790.6	2775.3	2806.0	2867.4
7.5°	1879.2	1930.4	2022.6	2099.4	2160.8	2181.3	2176.2	2186.4	2201.8	2165.9	2176.2
10°	1520.8	1484.9	1515.6	1587.3	1643.6	1710.2	1659.0	1653.9	1669.2	1653.9	1684.6
12.5°	1269.9	1228.9	1203.3	1203.3	1244.3	1275.0	1259.6	1285.2	1341.5	1356.9	1392.7
15°	1029.2	993.4	972.9	947.3	988.2	998.5	1013.8	1049.7	1090.6	1111.1	1152.1
17.5°	824.4	824.4	824.4	803.9	819.3	834.6	839.7	885.8	890.9	911.4	926.8
20°	675.9	691.3	716.9	727.1	742.5	742.5	732.2	757.8	737.3	752.7	762.9
22.5°	609.3	629.8	640.0	645.2	665.7	670.8	645.2	650.3	655.4	640.0	645.2
25°	573.5	583.7	573.5	578.6	583.7	573.5	578.6	588.8	583.7	594.0	588.8
27.5°	558.1	547.9	542.8	537.6	537.6	527.4	532.5	532.5	542.8	547.9	547.9
30°	558.1	542.8	522.3	506.9	506.9	491.6	501.8	512.0	517.2	527.4	527.4
32.5°	573.5	542.8	506.9	491.6	476.2	466.0	476.2	491.6	512.0	517.2	522.3
35°	455.7	471.1	466.0	445.5	440.4	440.4	435.2	435.2	419.9	419.9	414.8
37.5°	409.6	404.5	414.8	419.9	425.0	409.6	409.6	389.1	384.0	389.1	389.1
40°	384.0	384.0	384.0	399.4	404.5	394.3	378.9	368.7	368.7	368.7	373.8
42.5°	373.8	363.5	358.4	368.7	384.0	373.8	358.4	353.3	353.3	358.4	358.4
45°	358.4	353.3	348.2	343.1	363.5	348.2	343.1	337.9	337.9	337.9	343.1
47.5°	343.1	337.9	327.7	327.7	332.8	327.7	322.6	322.6	322.6	332.8	332.8
50°	332.8	327.7	317.5	317.5	317.5	317.5	312.3	312.3	312.3	317.5	322.6
52.5°	317.5	312.3	307.2	302.1	302.1	302.1	302.1	302.1	302.1	307.2	312.3
55°	302.1	297.0	291.9	291.9	297.0	297.0	291.9	297.0	291.9	297.0	302.1
57.5°	286.7	281.6	276.5	281.6	286.7	281.6	281.6	281.6	281.6	281.6	286.7
60°	266.3	266.3	266.3	266.3	276.5	276.5	276.5	276.5	266.3	271.4	276.5
62.5°	256.0	250.9	250.9	256.0	261.1	261.1	266.3	261.1	256.0	261.1	261.1
65°	235.5	235.5	235.5	240.7	240.7	245.8	245.8	245.8	240.7	245.8	245.8
67.5°	220.2	220.2	220.2	220.2	230.4	230.4	230.4	230.4	225.3	225.3	230.4
70°	194.6	199.7	194.6	204.8	215.1	209.9	215.1	215.1	209.9	204.8	215.1
72.5°	179.2	179.2	179.2	179.2	194.6	194.6	194.6	199.7	194.6	189.5	194.6
75°	158.7	158.7	158.7	163.9	174.1	174.1	174.1	174.1	174.1	169.0	169.0
77.5°	138.3	143.4	138.3	143.4	153.6	148.5	153.6	158.7	153.6	148.5	148.5
80°	117.8	117.8	117.8	122.9	128.0	128.0	128.0	133.1	128.0	122.9	122.9
82.5°	92.2	92.2	97.3	97.3	102.4	102.4	102.4	107.5	102.4	97.3	97.3
85°	71.7	71.7	71.7	76.8	76.8	81.9	81.9	87.0	87.0	81.9	81.9
87.5°	46.1	41.0	46.1	46.1	51.2	51.2	46.1	41.0	46.1	41.0	35.8
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7	3686.7
2.5°	3364.1	3456.3	3522.8	3568.9	3635.5	3763.5	3814.7	3906.9	3932.5	3947.8
5°	2893.0	2990.3	3133.7	3236.1	3353.9	3594.5	3778.8	3917.1	3978.5	4034.9
7.5°	2268.3	2396.3	2544.8	2678.0	2872.5	3169.5	3410.2	3696.9	3804.4	3860.8
10°	1771.7	1889.4	2053.3	2217.1	2488.5	2739.4	3082.5	3343.6	3492.1	3533.1
12.5°	1495.2	1633.4	1828.0	2027.7	2196.6	2483.4	2831.6	3210.5	3348.7	3374.3
15°	1269.9	1459.3	1659.0	1863.8	2058.4	2309.3	2683.1	3143.9	3348.7	3374.3
17.5°	1049.7	1218.7	1454.2	1674.4	1899.7	2242.7	2708.7	3200.2	3405.1	3481.9
20°	834.6	998.5	1182.8	1459.3	1766.5	2130.1	2765.0	3389.7	3661.1	3743.0
22.5°	691.3	762.9	942.2	1208.4	1572.0	2053.3	2821.3	3686.7	3973.4	4004.1
25°	604.2	655.4	768.1	1019.0	1418.3	2002.1	2954.5	4029.7	4398.4	4398.4
27.5°	563.2	583.7	660.5	885.8	1310.8	1956.0	3087.6	4408.7	4751.7	4823.4
30°	553.0	604.2	645.2	788.5	1193.1	1828.0	3210.5	4705.6	5058.9	5064.1
32.5°	542.8	532.5	563.2	686.1	1049.7	1694.8	3312.9	5007.7	5284.2	5299.6
35°	425.0	445.5	496.7	604.2	942.2	1597.6	3364.1	5171.6	5571.0	5586.3
37.5°	399.4	425.0	466.0	558.1	870.5	1515.6	3379.5	5489.1	5873.1	5903.8
40°	389.1	409.6	440.4	517.2	814.1	1413.2	3410.2	5816.8	6318.6	6277.6
42.5°	368.7	394.3	425.0	496.7	768.1	1336.4	3415.3	5996.0	6554.1	6554.1
45°	363.5	378.9	414.8	496.7	716.9	1269.9	3333.4	6175.2	6825.5	6743.6
47.5°	343.1	373.8	404.5	481.3	655.4	1203.3	3236.1	6267.4	6861.3	6835.7
50°	337.9	368.7	419.9	455.7	619.6	1172.6	3215.6	6497.8	6933.0	6927.9
52.5°	327.7	358.4	435.2	435.2	573.5	1131.6	3312.9	6600.2	6948.4	6989.3
55°	312.3	358.4	404.5	399.4	532.5	1080.4	3420.4	6866.4	7219.7	7209.5
57.5°	302.1	348.2	384.0	363.5	486.4	1044.6	3579.2	7122.5	7547.5	7475.8
60°	286.7	348.2	343.1	337.9	450.6	1013.8	3712.3	7173.7	7619.1	7665.2
62.5°	276.5	363.5	302.1	312.3	419.9	998.5	3656.0	6789.6	7521.9	7562.8
65°	266.3	312.3	276.5	286.7	409.6	967.8	3435.8	6328.8	7102.0	7281.2
67.5°	245.8	256.0	256.0	266.3	399.4	896.1	2985.2	5499.3	6461.9	6559.2
70°	225.3	230.4	230.4	245.8	389.1	814.1	2462.9	4756.8	5606.8	5791.2
72.5°	204.8	204.8	204.8	225.3	358.4	747.6	2027.7	3656.0	4659.6	4787.6
75°	179.2	179.2	179.2	199.7	322.6	681.0	1597.6	2718.9	3430.7	3615.0
77.5°	158.7	158.7	153.6	179.2	281.6	553.0	1152.1	1920.1	2416.8	2570.4
80°	133.1	128.0	128.0	143.4	220.2	399.4	742.5	1356.9	1684.6	1751.2
82.5°	107.5	102.4	97.3	107.5	158.7	250.9	460.8	947.3	1080.4	1039.4
85°	102.4	107.5	87.0	81.9	112.6	163.9	291.9	583.7	486.4	486.4
87.5°	41.0	35.8	35.8	30.7	56.3	61.4	128.0	107.5	81.9	81.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)