

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: P598881

Luminaire Tested: **IFLD-S-SA2E-727-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598881
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2E-727-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 2700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

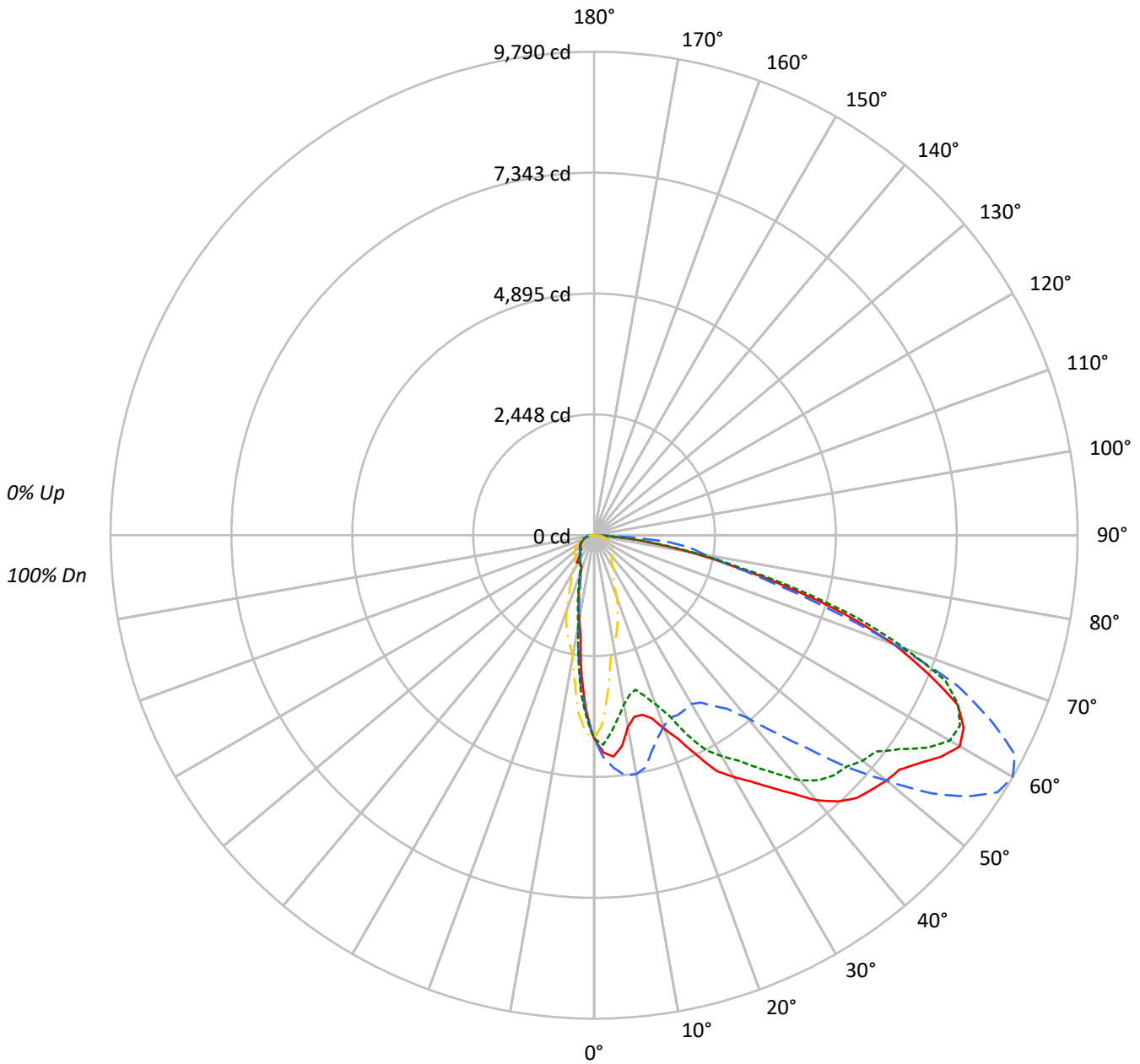
Lumens per Lamp: N/A
 Luminaire Lumens: 12875.2 lumens
 Efficiency: N/A
 Efficacy: 82.4 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 156.2
 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

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	88529	88529	88529	88529
5°	97258	86397	61960	67637
10°	86148	76035	37582	40327
15°	83887	72175	26604	27623
20°	95649	83480	17402	19235
25°	116536	105819	15195	15737
30°	140414	128348	15760	14624
35°	163760	150701	13059	12307
40°	196783	182015	12199	11556
45°	229007	209184	12345	11478
50°	258808	237769	12626	11859
55°	301826	283394	13076	12435
60°	368130	358047	13033	13033
65°	413713	414293	13382	13968
70°	406594	420970	14017	14383
75°	335395	357720	14731	15679
80°	242158	254196	16290	16997
85°	134024	143905	18328	22576

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	319.5	2.5
10°-20°	674.5	5.2
20°-30°	986.9	7.7
30°-40°	1390.4	10.8
40°-50°	1910.9	14.8
50°-60°	2604.3	20.2
60°-70°	2850.3	22.1
70°-80°	1645.6	12.8
80°-90°	492.8	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°	1980.8	15.4
0°-40°	3371.3	26.2
0°-60°	7886.5	61.3
0°-90°	12875.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12875.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4112	4112	4112	4112	4112	
5°	4501	3998	2867	3130	4501	409
15°	3764	3238	1194	1239	3764	1100
25°	4906	4455	640	662	4906	2297
35°	6231	5734	497	468	6231	3951
45°	7522	6871	406	377	7522	5781
55°	8042	7551	348	331	8042	7256
65°	8122	8133	263	274	8122	7773
75°	4032	4301	177	188	4032	4332
85°	543	583	74	91	543	753
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°	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3
2.5°	4403.5	4386.4	4403.5	4466.4	4483.5	4512.1	4512.1	4472.1	4397.8	4363.6	4306.4
5°	4500.6	4472.1	4614.9	4746.2	4849.0	4837.6	4740.5	4660.6	4512.1	4289.3	4078.0
7.5°	4306.4	4335.0	4437.8	4780.5	5020.4	5066.1	4911.9	4751.9	4432.1	4123.7	3838.1
10°	3940.9	3980.9	4203.6	4557.7	4934.7	5009.0	4911.9	4717.7	4335.0	3952.3	3621.1
12.5°	3763.9	3855.2	3986.6	4415.0	4683.4	4860.5	4814.8	4689.1	4260.8	3809.5	3489.7
15°	3763.9	3786.7	3980.9	4340.7	4494.9	4500.6	4517.8	4540.6	4283.6	3872.4	3444.0
17.5°	3883.8	3946.6	4112.3	4335.0	4363.6	4295.0	4295.0	4392.1	4329.3	4049.4	3609.6
20°	4175.1	4152.2	4369.3	4460.7	4306.4	4135.1	4118.0	4283.6	4380.7	4237.9	3912.4
22.5°	4466.4	4569.2	4746.2	4540.6	4255.0	4026.6	4003.7	4209.3	4534.9	4563.5	4260.8
25°	4906.1	5009.0	5100.3	4849.0	4249.3	3998.0	4015.2	4175.1	4723.4	5026.1	4843.3
27.5°	5380.2	5443.0	5574.4	5186.0	4386.4	3963.8	3980.9	4220.8	4900.4	5328.8	5300.2
30°	5648.6	5717.2	5688.6	5248.8	4477.8	3986.6	3940.9	4283.6	4803.3	5328.8	5597.2
32.5°	5911.4	5871.4	5854.3	5351.6	4592.0	4129.4	4015.2	4415.0	4860.5	5414.5	5979.9
35°	6231.2	6174.1	6128.4	5551.5	4780.5	4266.5	4215.1	4586.3	4986.1	5591.5	6288.3
37.5°	6585.3	6585.3	6362.6	5700.0	5003.2	4489.2	4432.1	4831.9	5186.0	5700.0	6711.0
40°	7002.3	7019.4	6625.3	5899.9	5254.5	4843.3	4826.2	5151.7	5380.2	5860.0	7116.5
42.5°	7310.7	7322.1	6853.8	5974.2	5545.8	5334.5	5408.8	5665.8	5602.9	6002.7	7145.0
45°	7522.0	7464.9	7013.7	6185.5	5865.7	6071.3	6094.1	6168.4	5894.2	6088.4	7259.3
47.5°	7624.8	7613.4	7082.2	6431.1	6539.6	6819.5	6950.9	6848.0	6162.7	5997.0	7259.3
50°	7727.6	7630.5	7145.0	6768.1	7196.4	7761.9	7733.3	7544.8	6533.9	6111.3	7150.8
52.5°	7796.1	7710.5	7270.7	7070.8	7824.7	8464.4	8578.6	8230.2	6968.0	6322.6	7202.2
55°	8041.7	7973.2	7647.7	7482.0	8550.1	9206.9	9224.0	8738.5	7424.9	6671.0	7539.1
57.5°	8338.7	8378.7	8167.4	8064.6	9104.1	9749.5	9686.6	9115.5	7813.3	7093.6	7927.5
60°	8550.1	8612.9	8561.5	8572.9	9378.2	9932.2	9789.5	9349.7	8098.9	7413.5	8401.6
62.5°	8435.8	8561.5	8772.8	8727.1	9389.6	9800.9	9601.0	9041.2	8133.1	7830.4	8761.4
65°	8121.7	8133.1	8544.4	8795.7	8875.6	9121.2	8858.5	8395.9	7779.0	8087.4	8710.0
67.5°	7316.4	7407.8	7779.0	8270.2	7933.2	7990.3	7967.5	7299.3	7242.1	7910.4	8315.9
70°	6459.7	6522.5	6928.0	7504.9	6699.5	6431.1	6482.5	5985.6	6219.8	7362.1	7522.0
72.5°	5340.2	5380.2	5842.8	6351.1	5374.5	4894.7	5014.7	4609.2	4940.4	6442.5	6345.4
75°	4032.3	4106.5	4466.4	5066.1	3958.0	3649.6	3769.6	3603.9	3912.4	5306.0	4923.3
77.5°	2867.2	2810.0	3255.5	3963.8	2975.7	2792.9	2804.3	2832.9	3164.2	4472.1	3535.4
80°	1953.3	1970.5	2370.3	2907.1	2336.0	2307.4	2278.9	2507.3	2655.8	3541.1	2570.2
82.5°	1159.4	1159.4	1599.2	2067.6	1844.8	2079.0	1947.6	2153.2	2079.0	2604.4	1684.9
85°	542.6	542.6	822.5	1490.7	1427.9	1713.4	1456.4	1627.8	1536.4	1816.2	759.6
87.5°	91.4	80.0	165.6	731.1	588.3	668.2	262.7	868.1	965.2	1267.9	188.5
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°	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3
2.5°	4243.6	4203.6	4123.7	4020.9	3935.2	3826.7	3792.4	3718.2	3615.4	3603.9	3558.2
5°	3998.0	3861.0	3689.6	3478.3	3335.5	3187.0	3061.3	2987.1	2901.4	2890.0	2867.2
7.5°	3729.6	3558.2	3272.7	3021.4	2775.8	2541.6	2427.4	2284.6	2187.5	2113.2	2079.0
10°	3478.3	3318.4	2964.3	2621.6	2404.5	2250.3	2113.2	1964.7	1844.8	1753.4	1719.2
12.5°	3312.6	3124.2	2741.5	2415.9	2256.0	2079.0	1924.8	1764.8	1610.6	1490.7	1427.9
15°	3238.4	3061.3	2673.0	2313.1	2079.0	1833.4	1656.3	1496.4	1307.9	1222.3	1193.7
17.5°	3415.5	3152.7	2650.1	2193.2	1861.9	1582.1	1365.0	1193.7	1056.6	970.9	936.7
20°	3643.9	3318.4	2690.1	2050.4	1656.3	1342.2	1102.3	919.5	828.2	765.3	759.6
22.5°	3935.2	3564.0	2752.9	1947.6	1427.9	1079.5	862.4	753.9	691.1	685.4	674.0
25°	4454.9	4009.4	2855.7	1810.5	1245.1	891.0	736.8	674.0	645.4	628.3	639.7
27.5°	4900.4	4300.7	2930.0	1724.9	1170.9	839.6	713.9	645.4	616.8	611.1	616.8
30°	5163.2	4569.2	2907.1	1564.9	1022.4	799.6	759.6	736.8	679.7	634.0	634.0
32.5°	5403.0	4740.5	2901.4	1422.2	873.9	668.2	634.0	616.8	651.1	674.0	656.8
35°	5734.3	5009.0	2884.3	1342.2	811.0	616.8	559.7	514.0	491.2	479.8	496.9
37.5°	6088.4	5191.7	2838.6	1330.8	776.8	588.3	542.6	496.9	474.1	462.6	456.9
40°	6476.8	5385.9	2787.2	1273.7	759.6	571.1	525.5	485.5	456.9	439.8	434.1
42.5°	6728.1	5540.1	2735.8	1245.1	725.4	559.7	508.3	474.1	445.5	422.6	422.6
45°	6870.9	5722.9	2684.4	1216.5	685.4	565.4	508.3	462.6	428.4	416.9	405.5
47.5°	6933.7	5860.0	2667.3	1170.9	651.1	542.6	496.9	451.2	416.9	394.1	388.4
50°	7099.4	6151.2	2730.1	1136.6	611.1	519.7	525.5	445.5	411.2	382.7	377.0
52.5°	7196.4	6385.4	2867.2	1085.2	582.6	491.2	514.0	434.1	394.1	365.5	365.5
55°	7550.6	6773.8	3015.7	1045.2	548.3	451.2	474.1	411.2	365.5	348.4	348.4
57.5°	8001.8	7185.0	3141.3	1028.1	525.5	422.6	422.6	399.8	348.4	325.6	319.8
60°	8315.9	7522.0	3215.6	1016.6	502.6	394.1	377.0	399.8	331.3	308.4	302.7
62.5°	8350.2	7327.8	3141.3	1010.9	496.9	365.5	342.7	382.7	314.1	291.3	279.9
65°	8133.1	6933.7	2935.7	988.1	491.2	337.0	319.8	331.3	291.3	274.2	262.7
67.5°	7699.1	6294.0	2638.7	976.7	485.5	314.1	291.3	285.6	268.4	251.3	239.9
70°	6688.1	5460.2	2290.3	925.3	474.1	297.0	262.7	257.0	239.9	228.5	222.7
72.5°	5614.4	4466.4	1890.5	856.7	451.2	268.4	239.9	228.5	222.7	205.6	199.9
75°	4300.7	3438.3	1513.5	759.6	394.1	239.9	211.3	199.9	194.2	182.8	177.1
77.5°	3021.4	2558.7	1119.4	616.8	331.3	217.0	188.5	177.1	171.3	154.2	154.2
80°	2050.4	1793.4	759.6	428.4	257.0	177.1	165.6	154.2	142.8	131.4	131.4
82.5°	1273.7	1256.5	548.3	279.9	188.5	142.8	131.4	131.4	114.2	102.8	102.8
85°	582.6	771.0	382.7	194.2	142.8	108.5	108.5	102.8	91.4	74.2	74.2
87.5°	182.8	257.0	199.9	85.7	80.0	62.8	62.8	57.1	57.1	45.7	45.7
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°	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3
2.5°	3603.9	3598.2	3598.2	3575.4	3632.5	3632.5	3666.8	3638.2	3655.3	3661.0	3706.7
5°	2861.4	2907.1	2941.4	3009.9	3049.9	3067.1	3067.1	3112.7	3095.6	3129.9	3198.4
7.5°	2096.1	2153.2	2256.0	2341.7	2410.2	2433.1	2427.4	2438.8	2455.9	2415.9	2427.4
10°	1696.3	1656.3	1690.6	1770.6	1833.4	1907.6	1850.5	1844.8	1861.9	1844.8	1879.1
12.5°	1416.4	1370.8	1342.2	1342.2	1387.9	1422.2	1405.0	1433.6	1496.4	1513.5	1553.5
15°	1148.0	1108.0	1085.2	1056.6	1102.3	1113.7	1130.9	1170.9	1216.5	1239.4	1285.1
17.5°	919.5	919.5	919.5	896.7	913.8	931.0	936.7	988.1	993.8	1016.6	1033.8
20°	753.9	771.0	799.6	811.0	828.2	828.2	816.7	845.3	822.5	839.6	851.0
22.5°	679.7	702.5	713.9	719.6	742.5	748.2	719.6	725.4	731.1	713.9	719.6
25°	639.7	651.1	639.7	645.4	651.1	639.7	645.4	656.8	651.1	662.5	656.8
27.5°	622.5	611.1	605.4	599.7	599.7	588.3	594.0	594.0	605.4	611.1	611.1
30°	622.5	605.4	582.6	565.4	565.4	548.3	559.7	571.1	576.9	588.3	588.3
32.5°	639.7	605.4	565.4	548.3	531.2	519.7	531.2	548.3	571.1	576.9	582.6
35°	508.3	525.5	519.7	496.9	491.2	491.2	485.5	485.5	468.3	468.3	462.6
37.5°	456.9	451.2	462.6	468.3	474.1	456.9	456.9	434.1	428.4	434.1	434.1
40°	428.4	428.4	428.4	445.5	451.2	439.8	422.6	411.2	411.2	411.2	416.9
42.5°	416.9	405.5	399.8	411.2	428.4	416.9	399.8	394.1	394.1	399.8	399.8
45°	399.8	394.1	388.4	382.7	405.5	388.4	382.7	377.0	377.0	377.0	382.7
47.5°	382.7	377.0	365.5	365.5	371.2	365.5	359.8	359.8	359.8	371.2	371.2
50°	371.2	365.5	354.1	354.1	354.1	354.1	348.4	348.4	348.4	354.1	359.8
52.5°	354.1	348.4	342.7	337.0	337.0	337.0	337.0	337.0	337.0	342.7	348.4
55°	337.0	331.3	325.6	325.6	331.3	331.3	325.6	331.3	325.6	331.3	337.0
57.5°	319.8	314.1	308.4	314.1	319.8	314.1	314.1	314.1	314.1	314.1	319.8
60°	297.0	297.0	297.0	297.0	308.4	308.4	308.4	308.4	297.0	302.7	308.4
62.5°	285.6	279.9	279.9	285.6	291.3	291.3	297.0	291.3	285.6	291.3	291.3
65°	262.7	262.7	262.7	268.4	268.4	274.2	274.2	274.2	268.4	274.2	274.2
67.5°	245.6	245.6	245.6	245.6	257.0	257.0	257.0	257.0	251.3	251.3	257.0
70°	217.0	222.7	217.0	228.5	239.9	234.2	239.9	239.9	234.2	228.5	239.9
72.5°	199.9	199.9	199.9	199.9	217.0	217.0	217.0	222.7	217.0	211.3	217.0
75°	177.1	177.1	177.1	182.8	194.2	194.2	194.2	194.2	194.2	188.5	188.5
77.5°	154.2	159.9	154.2	159.9	171.3	165.6	171.3	177.1	171.3	165.6	165.6
80°	131.4	131.4	131.4	137.1	142.8	142.8	142.8	148.5	142.8	137.1	137.1
82.5°	102.8	102.8	108.5	108.5	114.2	114.2	114.2	119.9	114.2	108.5	108.5
85°	80.0	80.0	80.0	85.7	85.7	91.4	91.4	97.1	97.1	91.4	91.4
87.5°	51.4	45.7	51.4	51.4	57.1	57.1	51.4	45.7	51.4	45.7	40.0
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3	4112.3
2.5°	3752.4	3855.2	3929.5	3980.9	4055.1	4197.9	4255.0	4357.8	4386.4	4403.5
5°	3227.0	3335.5	3495.4	3609.6	3741.0	4009.4	4215.1	4369.3	4437.8	4500.6
7.5°	2530.2	2673.0	2838.6	2987.1	3204.1	3535.4	3803.8	4123.7	4243.6	4306.4
10°	1976.2	2107.5	2290.3	2473.1	2775.8	3055.6	3438.3	3729.6	3895.2	3940.9
12.5°	1667.7	1822.0	2039.0	2261.7	2450.2	2770.1	3158.4	3581.1	3735.3	3763.9
15°	1416.4	1627.8	1850.5	2079.0	2296.0	2575.9	2992.8	3506.8	3735.3	3763.9
17.5°	1170.9	1359.3	1622.1	1867.6	2119.0	2501.6	3021.4	3569.7	3798.1	3883.8
20°	931.0	1113.7	1319.3	1627.8	1970.5	2376.0	3084.2	3781.0	4083.7	4175.1
22.5°	771.0	851.0	1050.9	1347.9	1753.4	2290.3	3147.0	4112.3	4432.1	4466.4
25°	674.0	731.1	856.7	1136.6	1582.1	2233.2	3295.5	4494.9	4906.1	4906.1
27.5°	628.3	651.1	736.8	988.1	1462.1	2181.8	3444.0	4917.6	5300.2	5380.2
30°	616.8	674.0	719.6	879.6	1330.8	2039.0	3581.1	5248.8	5642.9	5648.6
32.5°	605.4	594.0	628.3	765.3	1170.9	1890.5	3695.3	5585.8	5894.2	5911.4
35°	474.1	496.9	554.0	674.0	1050.9	1782.0	3752.4	5768.6	6214.1	6231.2
37.5°	445.5	474.1	519.7	622.5	970.9	1690.6	3769.6	6122.7	6551.0	6585.3
40°	434.1	456.9	491.2	576.9	908.1	1576.4	3803.8	6488.2	7047.9	7002.3
42.5°	411.2	439.8	474.1	554.0	856.7	1490.7	3809.5	6688.1	7310.7	7310.7
45°	405.5	422.6	462.6	554.0	799.6	1416.4	3718.2	6888.0	7613.4	7522.0
47.5°	382.7	416.9	451.2	536.9	731.1	1342.2	3609.6	6990.8	7653.4	7624.8
50°	377.0	411.2	468.3	508.3	691.1	1307.9	3586.8	7247.8	7733.3	7727.6
52.5°	365.5	399.8	485.5	485.5	639.7	1262.2	3695.3	7362.1	7750.5	7796.1
55°	348.4	399.8	451.2	445.5	594.0	1205.1	3815.3	7659.1	8053.2	8041.7
57.5°	337.0	388.4	428.4	405.5	542.6	1165.1	3992.3	7944.6	8418.7	8338.7
60°	319.8	388.4	382.7	377.0	502.6	1130.9	4140.8	8001.8	8498.7	8550.1
62.5°	308.4	405.5	337.0	348.4	468.3	1113.7	4078.0	7573.4	8390.1	8435.8
65°	297.0	348.4	308.4	319.8	456.9	1079.5	3832.4	7059.4	7921.8	8121.7
67.5°	274.2	285.6	285.6	297.0	445.5	999.5	3329.8	6134.1	7207.9	7316.4
70°	251.3	257.0	257.0	274.2	434.1	908.1	2747.2	5306.0	6254.1	6459.7
72.5°	228.5	228.5	228.5	251.3	399.8	833.9	2261.7	4078.0	5197.4	5340.2
75°	199.9	199.9	199.9	222.7	359.8	759.6	1782.0	3032.8	3826.7	4032.3
77.5°	177.1	177.1	171.3	199.9	314.1	616.8	1285.1	2141.8	2695.8	2867.2
80°	148.5	142.8	142.8	159.9	245.6	445.5	828.2	1513.5	1879.1	1953.3
82.5°	119.9	114.2	108.5	119.9	177.1	279.9	514.0	1056.6	1205.1	1159.4
85°	114.2	119.9	97.1	91.4	125.7	182.8	325.6	651.1	542.6	542.6
87.5°	45.7	40.0	40.0	34.3	62.8	68.5	142.8	119.9	91.4	91.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)