

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: P598886

Luminaire Tested: **IFLD-S-SA3E-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: P598886
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3E-727-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (48) 2700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

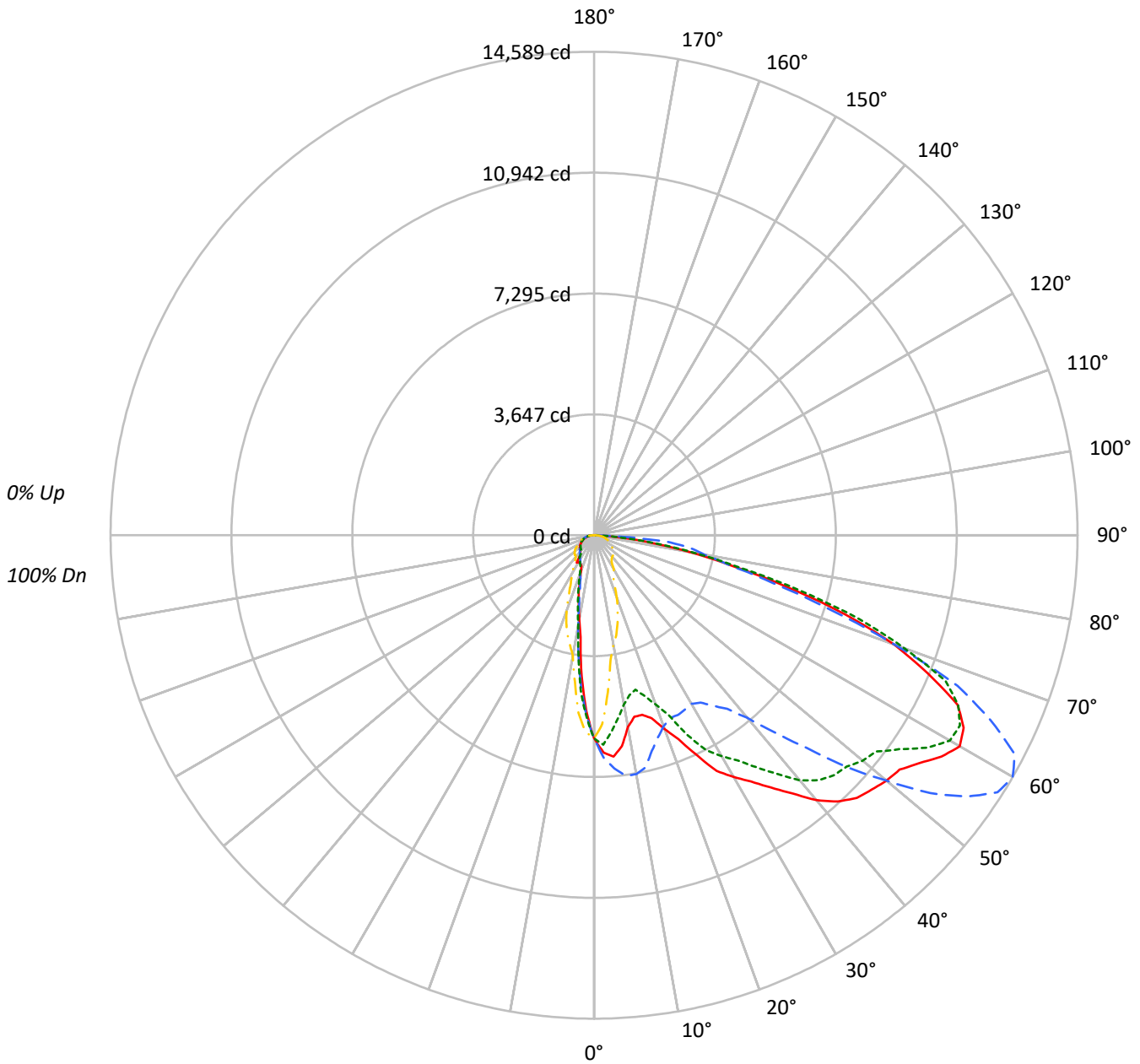
Lumens per Lamp: N/A
 Luminaire Lumens: 19187.8 lumens
 Efficiency: N/A
 Efficacy: 82.7 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 232.1
 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°	87956	87956	87956	87956
5°	96630	85838	61558	67199
10°	85590	75544	37337	40066
15°	83342	71708	26433	27445
20°	95030	82940	17291	19110
25°	115783	105135	15096	15636
30°	139506	127516	15657	14529
35°	162700	149726	12974	12229
40°	195508	180836	12120	11481
45°	227525	207829	12265	11403
50°	257133	236228	12544	11782
55°	299873	281557	12991	12353
60°	365746	355729	12948	12948
65°	411035	411612	13295	13876
70°	403961	418249	13931	14288
75°	333224	355405	14634	15576
80°	240592	252551	16183	16885
85°	133152	142966	18229	22428

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	476.1	2.5
10°-20°	1005.2	5.2
20°-30°	1470.7	7.7
30°-40°	2072.2	10.8
40°-50°	2847.8	14.8
50°-60°	3881.2	20.2
60°-70°	4247.8	22.1
70°-80°	2452.4	12.8
80°-90°	734.4	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°	2952.0	15.4
0°-40°	5024.2	26.2
0°-60°	11753.2	61.3
0°-90°	19187.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19187.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6128	6128	6128	6128	6128	
5°	6707	5958	4273	4664	6707	609
15°	5609	4826	1779	1847	5609	1639
25°	7312	6639	953	987	7312	3424
35°	9286	8546	740	698	9286	5888
45°	11210	10240	604	562	11210	8616
55°	11984	11252	519	494	11984	10814
65°	12104	12121	392	409	12104	11585
75°	6009	6409	264	281	6009	6455
85°	809	868	111	136	809	1122
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°	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5
2.5°	6562.6	6537.0	6562.6	6656.2	6681.7	6724.3	6724.3	6664.7	6554.0	6503.0	6417.9
5°	6707.3	6664.7	6877.5	7073.3	7226.5	7209.5	7064.8	6945.6	6724.3	6392.3	6077.4
7.5°	6417.9	6460.4	6613.6	7124.3	7481.8	7549.9	7320.1	7081.8	6605.1	6145.5	5719.9
10°	5873.1	5932.7	6264.6	6792.4	7354.2	7464.8	7320.1	7030.7	6460.4	5890.1	5396.5
12.5°	5609.2	5745.4	5941.2	6579.6	6979.6	7243.5	7175.4	6988.1	6349.8	5677.3	5200.7
15°	5609.2	5643.3	5932.7	6468.9	6698.7	6707.3	6732.8	6766.8	6383.8	5771.0	5132.6
17.5°	5788.0	5881.6	6128.5	6460.4	6503.0	6400.8	6400.8	6545.5	6451.9	6034.8	5379.4
20°	6222.1	6188.0	6511.5	6647.7	6417.9	6162.5	6137.0	6383.8	6528.5	6315.7	5830.5
22.5°	6656.2	6809.4	7073.3	6766.8	6341.3	6000.8	5966.7	6273.2	6758.3	6800.9	6349.8
25°	7311.6	7464.8	7601.0	7226.5	6332.7	5958.2	5983.8	6222.1	7039.2	7490.3	7218.0
27.5°	8018.1	8111.7	8307.5	7728.7	6537.0	5907.2	5932.7	6290.2	7303.1	7941.5	7898.9
30°	8418.1	8520.3	8477.7	7822.3	6673.2	5941.2	5873.1	6383.8	7158.4	7941.5	8341.5
32.5°	8809.7	8750.1	8724.5	7975.5	6843.4	6154.0	5983.8	6579.6	7243.5	8069.1	8911.8
35°	9286.3	9201.2	9133.1	8273.4	7124.3	6358.3	6281.7	6834.9	7430.8	8333.0	9371.4
37.5°	9814.0	9814.0	9482.1	8494.7	7456.3	6690.2	6605.1	7200.9	7728.7	8494.7	10001.3
40°	10435.4	10460.9	9873.6	8792.6	7830.8	7218.0	7192.4	7677.6	8018.1	8733.1	10605.6
42.5°	10895.0	10912.1	10214.1	8903.3	8264.9	7950.0	8060.6	8443.7	8350.0	8945.9	10648.2
45°	11210.0	11124.9	10452.4	9218.2	8741.6	9048.0	9082.0	9192.7	8784.1	9073.5	10818.4
47.5°	11363.2	11346.2	10554.6	9584.2	9746.0	10163.0	10358.8	10205.6	9184.2	8937.3	10818.4
50°	11516.4	11371.7	10648.2	10086.4	10724.8	11567.5	11524.9	11244.0	9737.4	9107.6	10656.7
52.5°	11618.5	11490.9	10835.5	10537.5	11661.1	12614.4	12784.7	12265.4	10384.3	9422.5	10733.3
55°	11984.5	11882.4	11397.2	11150.4	12742.1	13720.9	13746.5	13023.0	11065.3	9941.7	11235.5
57.5°	12427.2	12486.7	12171.8	12018.6	13567.7	14529.6	14435.9	13584.8	11644.1	10571.6	11814.3
60°	12742.1	12835.7	12759.1	12776.1	13976.3	14801.9	14589.1	13933.7	12069.7	11048.3	12520.8
62.5°	12571.9	12759.1	13074.1	13006.0	13993.3	14606.2	14308.3	13474.1	12120.7	11669.6	13057.0
65°	12103.7	12120.7	12733.6	13108.1	13227.3	13593.3	13201.7	12512.3	11593.0	12052.6	12980.4
67.5°	10903.6	11039.7	11593.0	12325.0	11822.8	11907.9	11873.9	10878.0	10792.9	11788.8	12393.1
70°	9626.8	9720.4	10324.8	11184.4	9984.3	9584.2	9660.8	8920.3	9269.3	10971.6	11210.0
72.5°	7958.5	8018.1	8707.5	9465.1	8009.6	7294.6	7473.3	6869.0	7362.7	9601.3	9456.6
75°	6009.3	6119.9	6656.2	7549.9	5898.6	5439.0	5617.8	5370.9	5830.5	7907.4	7337.1
77.5°	4272.9	4187.8	4851.7	5907.2	4434.6	4162.2	4179.3	4221.8	4715.5	6664.7	5268.8
80°	2911.0	2936.6	3532.4	4332.5	3481.3	3438.7	3396.2	3736.7	3958.0	5277.3	3830.3
82.5°	1727.9	1727.9	2383.3	3081.3	2749.3	3098.3	2902.5	3208.9	3098.3	3881.4	2511.0
85°	808.6	808.6	1225.7	2221.6	2127.9	2553.5	2170.5	2425.8	2289.7	2706.7	1132.1
87.5°	136.2	119.2	246.8	1089.5	876.7	995.9	391.5	1293.8	1438.5	1889.6	280.9
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°	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5
2.5°	6324.2	6264.6	6145.5	5992.3	5864.6	5702.9	5651.8	5541.2	5387.9	5370.9	5302.8
5°	5958.2	5753.9	5498.6	5183.7	4970.9	4749.6	4562.3	4451.6	4324.0	4306.9	4272.9
7.5°	5558.2	5302.8	4877.2	4502.7	4136.7	3787.7	3617.5	3404.7	3260.0	3149.3	3098.3
10°	5183.7	4945.3	4417.6	3906.9	3583.4	3353.6	3149.3	2928.0	2749.3	2613.1	2562.0
12.5°	4936.8	4655.9	4085.6	3600.5	3362.1	3098.3	2868.5	2630.1	2400.3	2221.6	2127.9
15°	4826.2	4562.3	3983.5	3447.3	3098.3	2732.3	2468.4	2230.1	1949.2	1821.5	1779.0
17.5°	5090.0	4698.5	3949.5	3268.5	2774.8	2357.8	2034.3	1779.0	1574.7	1447.0	1395.9
20°	5430.5	4945.3	4009.0	3055.7	2468.4	2000.3	1642.8	1370.4	1234.2	1140.6	1132.1
22.5°	5864.6	5311.3	4102.7	2902.5	2127.9	1608.7	1285.3	1123.6	1029.9	1021.4	1004.4
25°	6639.2	5975.2	4255.9	2698.2	1855.6	1327.8	1098.0	1004.4	961.8	936.3	953.3
27.5°	7303.1	6409.3	4366.5	2570.5	1744.9	1251.2	1064.0	961.8	919.3	910.8	919.3
30°	7694.6	6809.4	4332.5	2332.2	1523.6	1191.6	1132.1	1098.0	1012.9	944.8	944.8
32.5°	8052.1	7064.8	4324.0	2119.4	1302.3	995.9	944.8	919.3	970.3	1004.4	978.9
35°	8545.8	7464.8	4298.4	2000.3	1208.7	919.3	834.2	766.1	732.0	715.0	740.5
37.5°	9073.5	7737.2	4230.3	1983.2	1157.6	876.7	808.6	740.5	706.5	689.5	680.9
40°	9652.3	8026.6	4153.7	1898.1	1132.1	851.2	783.1	723.5	680.9	655.4	646.9
42.5°	10026.8	8256.4	4077.1	1855.6	1081.0	834.2	757.5	706.5	663.9	629.9	629.9
45°	10239.6	8528.8	4000.5	1813.0	1021.4	842.7	757.5	689.5	638.4	621.4	604.3
47.5°	10333.3	8733.1	3975.0	1744.9	970.3	808.6	740.5	672.4	621.4	587.3	578.8
50°	10580.1	9167.2	4068.6	1693.8	910.8	774.6	783.1	663.9	612.8	570.3	561.8
52.5°	10724.8	9516.1	4272.9	1617.2	868.2	732.0	766.1	646.9	587.3	544.8	544.8
55°	11252.5	10094.9	4494.2	1557.7	817.1	672.4	706.5	612.8	544.8	519.2	519.2
57.5°	11925.0	10707.8	4681.5	1532.1	783.1	629.9	629.9	595.8	519.2	485.2	476.7
60°	12393.1	11210.0	4792.1	1515.1	749.0	587.3	561.8	595.8	493.7	459.6	451.1
62.5°	12444.2	10920.6	4681.5	1506.6	740.5	544.8	510.7	570.3	468.1	434.1	417.1
65°	12120.7	10333.3	4375.0	1472.5	732.0	502.2	476.7	493.7	434.1	408.6	391.5
67.5°	11473.8	9380.0	3932.4	1455.5	723.5	468.1	434.1	425.6	400.1	374.5	357.5
70°	9967.3	8137.2	3413.2	1378.9	706.5	442.6	391.5	383.0	357.5	340.5	332.0
72.5°	8367.1	6656.2	2817.4	1276.8	672.4	400.1	357.5	340.5	332.0	306.4	297.9
75°	6409.3	5124.1	2255.6	1132.1	587.3	357.5	314.9	297.9	289.4	272.4	263.9
77.5°	4502.7	3813.3	1668.3	919.3	493.7	323.4	280.9	263.9	255.4	229.8	229.8
80°	3055.7	2672.7	1132.1	638.4	383.0	263.9	246.8	229.8	212.8	195.8	195.8
82.5°	1898.1	1872.6	817.1	417.1	280.9	212.8	195.8	195.8	170.2	153.2	153.2
85°	868.2	1149.1	570.3	289.4	212.8	161.7	161.7	153.2	136.2	110.7	110.7
87.5°	272.4	383.0	297.9	127.7	119.2	93.6	93.6	85.1	85.1	68.1	68.1
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5
2.5°	5370.9	5362.4	5362.4	5328.4	5413.5	5413.5	5464.5	5422.0	5447.5	5456.0	5524.1
5°	4264.4	4332.5	4383.6	4485.7	4545.3	4570.8	4570.8	4638.9	4613.4	4664.4	4766.6
7.5°	3123.8	3208.9	3362.1	3489.8	3592.0	3626.0	3617.5	3634.5	3660.1	3600.5	3617.5
10°	2528.0	2468.4	2519.5	2638.6	2732.3	2842.9	2757.8	2749.3	2774.8	2749.3	2800.4
12.5°	2110.9	2042.8	2000.3	2000.3	2068.4	2119.4	2093.9	2136.4	2230.1	2255.6	2315.2
15°	1710.9	1651.3	1617.2	1574.7	1642.8	1659.8	1685.3	1744.9	1813.0	1847.1	1915.1
17.5°	1370.4	1370.4	1370.4	1336.3	1361.9	1387.4	1395.9	1472.5	1481.0	1515.1	1540.6
20°	1123.6	1149.1	1191.6	1208.7	1234.2	1234.2	1217.2	1259.7	1225.7	1251.2	1268.3
22.5°	1012.9	1046.9	1064.0	1072.5	1106.5	1115.0	1072.5	1081.0	1089.5	1064.0	1072.5
25°	953.3	970.3	953.3	961.8	970.3	953.3	961.8	978.9	970.3	987.4	978.9
27.5°	927.8	910.8	902.2	893.7	893.7	876.7	885.2	885.2	902.2	910.8	910.8
30°	927.8	902.2	868.2	842.7	842.7	817.1	834.2	851.2	859.7	876.7	876.7
32.5°	953.3	902.2	842.7	817.1	791.6	774.6	791.6	817.1	851.2	859.7	868.2
35°	757.5	783.1	774.6	740.5	732.0	732.0	723.5	723.5	698.0	698.0	689.5
37.5°	680.9	672.4	689.5	698.0	706.5	680.9	680.9	646.9	638.4	646.9	646.9
40°	638.4	638.4	638.4	663.9	672.4	655.4	629.9	612.8	612.8	612.8	621.4
42.5°	621.4	604.3	595.8	612.8	638.4	621.4	595.8	587.3	587.3	595.8	595.8
45°	595.8	587.3	578.8	570.3	604.3	578.8	570.3	561.8	561.8	561.8	570.3
47.5°	570.3	561.8	544.8	544.8	553.3	544.8	536.2	536.2	536.2	553.3	553.3
50°	553.3	544.8	527.7	527.7	527.7	527.7	519.2	519.2	519.2	527.7	536.2
52.5°	527.7	519.2	510.7	502.2	502.2	502.2	502.2	502.2	502.2	510.7	519.2
55°	502.2	493.7	485.2	485.2	493.7	493.7	485.2	493.7	485.2	493.7	502.2
57.5°	476.7	468.1	459.6	468.1	476.7	468.1	468.1	468.1	468.1	468.1	476.7
60°	442.6	442.6	442.6	442.6	459.6	459.6	459.6	459.6	442.6	451.1	459.6
62.5°	425.6	417.1	417.1	425.6	434.1	434.1	442.6	434.1	425.6	434.1	434.1
65°	391.5	391.5	391.5	400.1	400.1	408.6	408.6	408.6	400.1	408.6	408.6
67.5°	366.0	366.0	366.0	366.0	383.0	383.0	383.0	383.0	374.5	374.5	383.0
70°	323.4	332.0	323.4	340.5	357.5	349.0	357.5	357.5	349.0	340.5	357.5
72.5°	297.9	297.9	297.9	297.9	323.4	323.4	323.4	332.0	323.4	314.9	323.4
75°	263.9	263.9	263.9	272.4	289.4	289.4	289.4	289.4	289.4	280.9	280.9
77.5°	229.8	238.3	229.8	238.3	255.4	246.8	255.4	263.9	255.4	246.8	246.8
80°	195.8	195.8	195.8	204.3	212.8	212.8	212.8	221.3	212.8	204.3	204.3
82.5°	153.2	153.2	161.7	161.7	170.2	170.2	170.2	178.7	170.2	161.7	161.7
85°	119.2	119.2	119.2	127.7	127.7	136.2	136.2	144.7	144.7	136.2	136.2
87.5°	76.6	68.1	76.6	76.6	85.1	85.1	76.6	68.1	76.6	68.1	59.6
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5	6128.5
2.5°	5592.2	5745.4	5856.1	5932.7	6043.3	6256.1	6341.3	6494.5	6537.0	6562.6
5°	4809.1	4970.9	5209.2	5379.4	5575.2	5975.2	6281.7	6511.5	6613.6	6707.3
7.5°	3770.7	3983.5	4230.3	4451.6	4775.1	5268.8	5668.8	6145.5	6324.2	6417.9
10°	2945.1	3140.8	3413.2	3685.6	4136.7	4553.8	5124.1	5558.2	5805.0	5873.1
12.5°	2485.4	2715.2	3038.7	3370.7	3651.5	4128.2	4707.0	5336.9	5566.7	5609.2
15°	2110.9	2425.8	2757.8	3098.3	3421.7	3838.8	4460.2	5226.2	5566.7	5609.2
17.5°	1744.9	2025.8	2417.3	2783.3	3157.9	3728.1	4502.7	5319.8	5660.3	5788.0
20°	1387.4	1659.8	1966.2	2425.8	2936.6	3540.9	4596.3	5634.8	6085.9	6222.1
22.5°	1149.1	1268.3	1566.2	2008.8	2613.1	3413.2	4690.0	6128.5	6605.1	6656.2
25°	1004.4	1089.5	1276.8	1693.8	2357.8	3328.1	4911.3	6698.7	7311.6	7311.6
27.5°	936.3	970.3	1098.0	1472.5	2179.0	3251.5	5132.6	7328.6	7898.9	8018.1
30°	919.3	1004.4	1072.5	1310.8	1983.2	3038.7	5336.9	7822.3	8409.6	8418.1
32.5°	902.2	885.2	936.3	1140.6	1744.9	2817.4	5507.1	8324.5	8784.1	8809.7
35°	706.5	740.5	825.6	1004.4	1566.2	2655.7	5592.2	8596.9	9260.8	9286.3
37.5°	663.9	706.5	774.6	927.8	1447.0	2519.5	5617.8	9124.6	9763.0	9814.0
40°	646.9	680.9	732.0	859.7	1353.4	2349.2	5668.8	9669.4	10503.5	10435.4
42.5°	612.8	655.4	706.5	825.6	1276.8	2221.6	5677.3	9967.3	10895.0	10895.0
45°	604.3	629.9	689.5	825.6	1191.6	2110.9	5541.2	10265.2	11346.2	11210.0
47.5°	570.3	621.4	672.4	800.1	1089.5	2000.3	5379.4	10418.4	11405.7	11363.2
50°	561.8	612.8	698.0	757.5	1029.9	1949.2	5345.4	10801.4	11524.9	11516.4
52.5°	544.8	595.8	723.5	723.5	953.3	1881.1	5507.1	10971.6	11550.4	11618.5
55°	519.2	595.8	672.4	663.9	885.2	1796.0	5685.9	11414.3	12001.6	11984.5
57.5°	502.2	578.8	638.4	604.3	808.6	1736.4	5949.7	11839.8	12546.3	12427.2
60°	476.7	578.8	570.3	561.8	749.0	1685.3	6171.0	11925.0	12665.5	12742.1
62.5°	459.6	604.3	502.2	519.2	698.0	1659.8	6077.4	11286.6	12503.8	12571.9
65°	442.6	519.2	459.6	476.7	680.9	1608.7	5711.4	10520.5	11805.8	12103.7
67.5°	408.6	425.6	425.6	442.6	663.9	1489.6	4962.4	9141.6	10741.8	10903.6
70°	374.5	383.0	383.0	408.6	646.9	1353.4	4094.2	7907.4	9320.4	9626.8
72.5°	340.5	340.5	340.5	374.5	595.8	1242.7	3370.7	6077.4	7745.7	7958.5
75°	297.9	297.9	297.9	332.0	536.2	1132.1	2655.7	4519.7	5702.9	6009.3
77.5°	263.9	263.9	255.4	297.9	468.1	919.3	1915.1	3191.9	4017.5	4272.9
80°	221.3	212.8	212.8	238.3	366.0	663.9	1234.2	2255.6	2800.4	2911.0
82.5°	178.7	170.2	161.7	178.7	263.9	417.1	766.1	1574.7	1796.0	1727.9
85°	170.2	178.7	144.7	136.2	187.3	272.4	485.2	970.3	808.6	808.6
87.5°	68.1	59.6	59.6	51.1	93.6	102.1	212.8	178.7	136.2	136.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)