

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: P598871

Luminaire Tested: **IFLD-L-SA7D-722-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598871
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7D-722-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (112) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

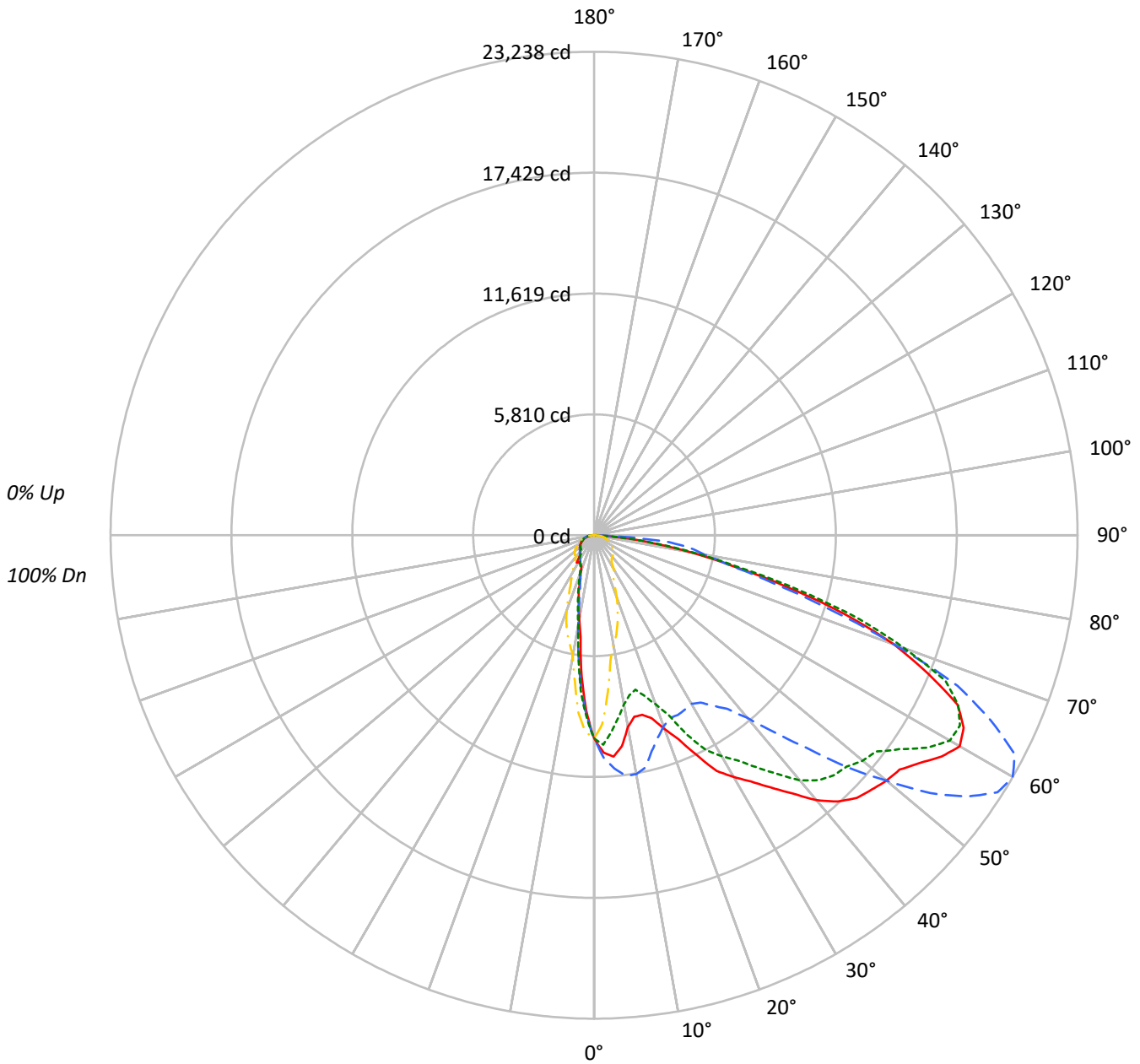
Lumens per Lamp: N/A
 Luminaire Lumens: 30562.8 lumens
 Efficiency: N/A
 Efficacy: 72.3 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 422.6
 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	
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77			77	
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60			60	
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47			47	
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38			38	
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31			31	
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26			26	
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22			22	
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19			19	
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17			17	
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15			15	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	52537	52537	52537	52537
5°	57718	51272	36770	40139
10°	51124	45123	22302	23932
15°	49781	42832	15788	16392
20°	56762	49541	10328	11415
25°	69158	62798	9017	9339
30°	83328	76167	9352	8678
35°	97182	89433	7750	7304
40°	116779	108016	7239	6858
45°	135902	124139	7327	6811
50°	153588	141102	7492	7038
55°	179118	168177	7760	7378
60°	218463	212481	7735	7735
65°	245515	245861	7943	8288
70°	241289	249823	8321	8534
75°	199039	212289	8740	9303
80°	143707	150851	9664	10085
85°	79535	85396	10887	13394

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	758.4	2.5
10°-20°	1601.1	5.2
20°-30°	2342.6	7.7
30°-40°	3300.6	10.8
40°-50°	4536.0	14.8
50°-60°	6182.1	20.2
60°-70°	6766.0	22.1
70°-80°	3906.3	12.8
80°-90°	1169.8	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°	4702.1	15.4
0°-40°	8002.7	26.2
0°-60°	18720.7	61.3
0°-90°	30562.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	30562.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	9762	9762	9762	9762	9762	
5°	10684	9490	6806	7430	10684	970
15°	8934	7687	2834	2942	8934	2610
25°	11646	10575	1518	1573	11646	5453
35°	14792	13612	1180	1112	14792	9379
45°	17856	16310	963	895	17856	13723
55°	19089	17923	827	786	19089	17224
65°	19279	19306	624	651	19279	18452
75°	9572	10209	420	447	9572	10282
85°	1288	1383	176	217	1288	1787
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°	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6
2.5°	10453.0	10412.3	10453.0	10602.2	10642.8	10710.6	10710.6	10615.7	10439.5	10358.1	10222.5
5°	10683.5	10615.7	10954.7	11266.5	11510.5	11483.4	11252.9	11063.1	10710.6	10181.9	9680.2
7.5°	10222.5	10290.3	10534.4	11347.8	11917.3	12025.7	11659.7	11280.0	10520.8	9788.7	9110.8
10°	9354.8	9449.7	9978.5	10819.1	11713.9	11890.1	11659.7	11198.7	10290.3	9382.0	8595.6
12.5°	8934.5	9151.5	9463.3	10480.1	11117.3	11537.6	11429.2	11130.9	10114.1	9043.0	8283.8
15°	8934.5	8988.8	9449.7	10303.9	10669.9	10683.5	10724.2	10778.4	10168.3	9192.1	8175.3
17.5°	9219.3	9368.4	9761.6	10290.3	10358.1	10195.4	10195.4	10425.9	10276.8	9612.4	8568.5
20°	9910.7	9856.5	10371.7	10588.6	10222.5	9815.8	9775.1	10168.3	10398.8	10059.8	9287.1
22.5°	10602.2	10846.2	11266.5	10778.4	10100.5	9558.2	9504.0	9992.1	10764.8	10832.6	10114.1
25°	11646.1	11890.1	12107.1	11510.5	10087.0	9490.4	9531.1	9910.7	11212.3	11930.8	11497.0
27.5°	12771.4	12920.5	13232.4	12310.4	10412.3	9409.1	9449.7	10019.2	11632.5	12649.4	12581.6
30°	13408.6	13571.3	13503.5	12459.6	10629.3	9463.3	9354.8	10168.3	11402.1	12649.4	13286.6
32.5°	14032.3	13937.4	13896.7	12703.6	10900.4	9802.2	9531.1	10480.1	11537.6	12852.7	14195.0
35°	14791.5	14655.9	14547.5	13178.1	11347.8	10127.6	10005.6	10886.9	11835.9	13273.0	14927.1
37.5°	15632.1	15632.1	15103.3	13530.6	11876.6	10656.4	10520.8	11469.8	12310.4	13530.6	15930.3
40°	16621.8	16662.5	15727.0	14005.1	12473.1	11497.0	11456.3	12229.1	12771.4	13910.2	16892.9
42.5°	17353.9	17381.0	16269.3	14181.4	13164.6	12662.9	12839.2	13449.3	13300.1	14249.2	16960.7
45°	17855.5	17720.0	16648.9	14683.0	13923.8	14411.9	14466.1	14642.4	13991.6	14452.5	17231.9
47.5°	18099.6	18072.5	16811.6	15266.0	15523.6	16187.9	16499.8	16255.7	14628.8	14235.6	17231.9
50°	18343.6	18113.1	16960.7	16065.9	17082.8	18425.0	18357.2	17909.8	15510.1	14506.8	16974.3
52.5°	18506.3	18302.9	17259.0	16784.5	18574.1	20092.6	20363.7	19536.7	16540.4	15008.4	17096.3
55°	19089.3	18926.6	18153.8	17760.6	20295.9	21855.1	21895.7	20743.3	17625.1	15835.4	17896.2
57.5°	19794.3	19889.2	19387.6	19143.5	21611.0	23143.1	22993.9	21638.2	18547.0	16838.7	18818.1
60°	20295.9	20445.1	20323.1	20350.2	22261.8	23576.9	23238.0	22194.0	19224.9	17597.9	19943.4
62.5°	20024.8	20323.1	20824.7	20716.2	22288.9	23265.1	22790.6	21461.9	19306.2	18587.7	20797.6
65°	19279.1	19306.2	20282.4	20878.9	21068.7	21651.7	21028.1	19929.9	18465.6	19197.8	20675.6
67.5°	17367.5	17584.4	18465.6	19631.6	18831.7	18967.3	18913.0	17326.8	17191.2	18777.5	19740.1
70°	15333.8	15482.9	16445.5	17814.9	15903.2	15266.0	15388.0	14208.5	14764.4	17475.9	17855.5
72.5°	12676.5	12771.4	13869.6	15076.2	12757.8	11619.0	11903.7	10941.1	11727.4	15293.1	15062.6
75°	9571.8	9748.0	10602.2	12025.7	9395.5	8663.4	8948.1	8554.9	9287.1	12595.1	11686.8
77.5°	6806.0	6670.4	7727.9	9409.1	7063.6	6629.7	6656.8	6724.6	7511.0	10615.7	8392.2
80°	4636.7	4677.4	5626.5	6900.9	5545.1	5477.3	5409.5	5951.8	6304.3	8405.8	6101.0
82.5°	2752.2	2752.2	3796.2	4907.9	4379.1	4935.0	4623.2	5111.3	4935.0	6182.3	3999.5
85°	1288.0	1288.0	1952.3	3538.6	3389.4	4067.3	3457.2	3864.0	3647.0	4311.4	1803.2
87.5°	216.9	189.8	393.2	1735.4	1396.4	1586.3	623.7	2060.8	2291.3	3009.8	447.4
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°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6
2.5°	10073.4	9978.5	9788.7	9544.6	9341.3	9083.7	9002.3	8826.1	8582.0	8554.9	8446.5
5°	9490.4	9165.0	8758.3	8256.7	7917.7	7565.2	7266.9	7090.7	6887.3	6860.2	6806.0
7.5°	8853.2	8446.5	7768.6	7172.0	6589.1	6033.2	5762.0	5423.1	5192.6	5016.4	4935.0
10°	8256.7	7877.0	7036.5	6223.0	5707.8	5341.7	5016.4	4663.9	4379.1	4162.2	4080.9
12.5°	7863.5	7416.1	6507.7	5734.9	5355.3	4935.0	4569.0	4189.3	3823.3	3538.6	3389.4
15°	7687.2	7266.9	6345.0	5490.9	4935.0	4352.0	3931.7	3552.1	3104.7	2901.4	2833.6
17.5°	8107.5	7483.9	6290.8	5206.2	4419.8	3755.5	3240.3	2833.6	2508.2	2304.8	2223.5
20°	8649.8	7877.0	6385.7	4867.2	3931.7	3186.1	2616.6	2182.8	1965.9	1816.7	1803.2
22.5°	9341.3	8460.0	6534.8	4623.2	3389.4	2562.4	2047.2	1789.6	1640.5	1626.9	1599.8
25°	10575.0	9517.5	6778.9	4297.8	2955.6	2115.0	1748.9	1599.8	1532.0	1491.4	1518.5
27.5°	11632.5	10209.0	6955.1	4094.4	2779.3	1993.0	1694.7	1532.0	1464.2	1450.7	1464.2
30°	12256.2	10846.2	6900.9	3714.8	2426.8	1898.1	1803.2	1748.9	1613.4	1504.9	1504.9
32.5°	12825.6	11252.9	6887.3	3375.9	2074.3	1586.3	1504.9	1464.2	1545.6	1599.8	1559.1
35°	13612.0	11890.1	6846.7	3186.1	1925.2	1464.2	1328.7	1220.2	1166.0	1138.9	1179.5
37.5°	14452.5	12324.0	6738.2	3159.0	1843.9	1396.4	1288.0	1179.5	1125.3	1098.2	1084.6
40°	15374.5	12784.9	6616.2	3023.4	1803.2	1355.8	1247.3	1152.4	1084.6	1043.9	1030.4
42.5°	15971.0	13151.0	6494.2	2955.6	1721.8	1328.7	1206.6	1125.3	1057.5	1003.3	1003.3
45°	16310.0	13584.9	6372.1	2887.8	1626.9	1342.2	1206.6	1098.2	1016.8	989.7	962.6
47.5°	16459.1	13910.2	6331.5	2779.3	1545.6	1288.0	1179.5	1071.1	989.7	935.5	921.9
50°	16852.3	14601.7	6480.6	2698.0	1450.7	1233.8	1247.3	1057.5	976.2	908.4	894.8
52.5°	17082.8	15157.6	6806.0	2576.0	1382.9	1166.0	1220.2	1030.4	935.5	867.7	867.7
55°	17923.3	16079.5	7158.5	2481.1	1301.5	1071.1	1125.3	976.2	867.7	827.0	827.0
57.5°	18994.4	17055.6	7456.8	2440.4	1247.3	1003.3	1003.3	949.0	827.0	772.8	759.2
60°	19740.1	17855.5	7633.0	2413.3	1193.1	935.5	894.8	949.0	786.3	732.1	718.6
62.5°	19821.4	17394.6	7456.8	2399.7	1179.5	867.7	813.5	908.4	745.7	691.4	664.3
65°	19306.2	16459.1	6968.7	2345.5	1166.0	799.9	759.2	786.3	691.4	650.8	623.7
67.5°	18275.8	14940.6	6263.7	2318.4	1152.4	745.7	691.4	677.9	637.2	596.5	569.4
70°	15876.1	12961.2	5436.7	2196.4	1125.3	705.0	623.7	610.1	569.4	542.3	528.8
72.5°	13327.3	10602.2	4487.6	2033.7	1071.1	637.2	569.4	542.3	528.8	488.1	474.5
75°	10209.0	8161.8	3592.8	1803.2	935.5	569.4	501.6	474.5	461.0	433.8	420.3
77.5°	7172.0	6073.9	2657.3	1464.2	786.3	515.2	447.4	420.3	406.7	366.1	366.1
80°	4867.2	4257.1	1803.2	1016.8	610.1	420.3	393.2	366.1	338.9	311.8	311.8
82.5°	3023.4	2982.7	1301.5	664.3	447.4	338.9	311.8	311.8	271.2	244.0	244.0
85°	1382.9	1830.3	908.4	461.0	338.9	257.6	257.6	244.0	216.9	176.3	176.3
87.5°	433.8	610.1	474.5	203.4	189.8	149.1	149.1	135.6	135.6	108.5	108.5
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6
2.5°	8554.9	8541.4	8541.4	8487.1	8622.7	8622.7	8704.1	8636.3	8677.0	8690.5	8799.0
5°	6792.4	6900.9	6982.2	7144.9	7239.8	7280.5	7280.5	7389.0	7348.3	7429.6	7592.3
7.5°	4975.7	5111.3	5355.3	5558.7	5721.4	5775.6	5762.0	5789.2	5829.8	5734.9	5762.0
10°	4026.6	3931.7	4013.1	4202.9	4352.0	4528.3	4392.7	4379.1	4419.8	4379.1	4460.5
12.5°	3362.3	3253.9	3186.1	3186.1	3294.5	3375.9	3335.2	3403.0	3552.1	3592.8	3687.7
15°	2725.1	2630.2	2576.0	2508.2	2616.6	2643.8	2684.4	2779.3	2887.8	2942.0	3050.5
17.5°	2182.8	2182.8	2182.8	2128.6	2169.2	2209.9	2223.5	2345.5	2359.0	2413.3	2454.0
20°	1789.6	1830.3	1898.1	1925.2	1965.9	1965.9	1938.8	2006.5	1952.3	1993.0	2020.1
22.5°	1613.4	1667.6	1694.7	1708.3	1762.5	1776.1	1708.3	1721.8	1735.4	1694.7	1708.3
25°	1518.5	1545.6	1518.5	1532.0	1545.6	1518.5	1532.0	1559.1	1545.6	1572.7	1559.1
27.5°	1477.8	1450.7	1437.1	1423.6	1423.6	1396.4	1410.0	1410.0	1437.1	1450.7	1450.7
30°	1477.8	1437.1	1382.9	1342.2	1342.2	1301.5	1328.7	1355.8	1369.3	1396.4	1396.4
32.5°	1518.5	1437.1	1342.2	1301.5	1260.9	1233.8	1260.9	1301.5	1355.8	1369.3	1382.9
35°	1206.6	1247.3	1233.8	1179.5	1166.0	1166.0	1152.4	1152.4	1111.7	1111.7	1098.2
37.5°	1084.6	1071.1	1098.2	1111.7	1125.3	1084.6	1084.6	1030.4	1016.8	1030.4	1030.4
40°	1016.8	1016.8	1016.8	1057.5	1071.1	1043.9	1003.3	976.2	976.2	976.2	989.7
42.5°	989.7	962.6	949.0	976.2	1016.8	989.7	949.0	935.5	935.5	949.0	949.0
45°	949.0	935.5	921.9	908.4	962.6	921.9	908.4	894.8	894.8	894.8	908.4
47.5°	908.4	894.8	867.7	867.7	881.3	867.7	854.1	854.1	854.1	881.3	881.3
50°	881.3	867.7	840.6	840.6	840.6	840.6	827.0	827.0	827.0	840.6	854.1
52.5°	840.6	827.0	813.5	799.9	799.9	799.9	799.9	799.9	799.9	813.5	827.0
55°	799.9	786.3	772.8	772.8	786.3	786.3	772.8	786.3	772.8	786.3	799.9
57.5°	759.2	745.7	732.1	745.7	759.2	745.7	745.7	745.7	745.7	745.7	759.2
60°	705.0	705.0	705.0	705.0	732.1	732.1	732.1	732.1	705.0	718.6	732.1
62.5°	677.9	664.3	664.3	677.9	691.4	691.4	705.0	691.4	677.9	691.4	691.4
65°	623.7	623.7	623.7	637.2	637.2	650.8	650.8	650.8	637.2	650.8	650.8
67.5°	583.0	583.0	583.0	583.0	610.1	610.1	610.1	610.1	596.5	596.5	610.1
70°	515.2	528.8	515.2	542.3	569.4	555.9	569.4	569.4	555.9	542.3	569.4
72.5°	474.5	474.5	474.5	474.5	515.2	515.2	515.2	528.8	515.2	501.6	515.2
75°	420.3	420.3	420.3	433.8	461.0	461.0	461.0	461.0	461.0	447.4	447.4
77.5°	366.1	379.6	366.1	379.6	406.7	393.2	406.7	420.3	406.7	393.2	393.2
80°	311.8	311.8	311.8	325.4	338.9	338.9	338.9	352.5	338.9	325.4	325.4
82.5°	244.0	244.0	257.6	257.6	271.2	271.2	271.2	284.7	271.2	257.6	257.6
85°	189.8	189.8	189.8	203.4	203.4	216.9	216.9	230.5	230.5	216.9	216.9
87.5°	122.0	108.5	122.0	122.0	135.6	135.6	122.0	108.5	122.0	108.5	94.9
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6	9761.6
2.5°	8907.4	9151.5	9327.7	9449.7	9626.0	9964.9	10100.5	10344.6	10412.3	10453.0
5°	7660.1	7917.7	8297.3	8568.5	8880.3	9517.5	10005.6	10371.7	10534.4	10683.5
7.5°	6006.1	6345.0	6738.2	7090.7	7605.9	8392.2	9029.5	9788.7	10073.4	10222.5
10°	4691.0	5002.8	5436.7	5870.5	6589.1	7253.4	8161.8	8853.2	9246.4	9354.8
12.5°	3958.9	4324.9	4840.1	5368.9	5816.3	6575.5	7497.4	8500.7	8866.8	8934.5
15°	3362.3	3864.0	4392.7	4935.0	5450.2	6114.5	7104.3	8324.5	8866.8	8934.5
17.5°	2779.3	3226.7	3850.4	4433.4	5029.9	5938.3	7172.0	8473.6	9015.9	9219.3
20°	2209.9	2643.8	3131.8	3864.0	4677.4	5640.0	7321.2	8975.2	9693.8	9910.7
22.5°	1830.3	2020.1	2494.6	3199.6	4162.2	5436.7	7470.3	9761.6	10520.8	10602.2
25°	1599.8	1735.4	2033.7	2698.0	3755.5	5301.1	7822.8	10669.9	11646.1	11646.1
27.5°	1491.4	1545.6	1748.9	2345.5	3470.8	5179.1	8175.3	11673.2	12581.6	12771.4
30°	1464.2	1599.8	1708.3	2087.9	3159.0	4840.1	8500.7	12459.6	13395.0	13408.6
32.5°	1437.1	1410.0	1491.4	1816.7	2779.3	4487.6	8771.9	13259.5	13991.6	14032.3
35°	1125.3	1179.5	1315.1	1599.8	2494.6	4230.0	8907.4	13693.3	14750.8	14791.5
37.5°	1057.5	1125.3	1233.8	1477.8	2304.8	4013.1	8948.1	14533.9	15550.7	15632.1
40°	1030.4	1084.6	1166.0	1369.3	2155.7	3741.9	9029.5	15401.6	16730.2	16621.8
42.5°	976.2	1043.9	1125.3	1315.1	2033.7	3538.6	9043.0	15876.1	17353.9	17353.9
45°	962.6	1003.3	1098.2	1315.1	1898.1	3362.3	8826.1	16350.6	18072.5	17855.5
47.5°	908.4	989.7	1071.1	1274.4	1735.4	3186.1	8568.5	16594.7	18167.4	18099.6
50°	894.8	976.2	1111.7	1206.6	1640.5	3104.7	8514.3	17204.8	18357.2	18343.6
52.5°	867.7	949.0	1152.4	1152.4	1518.5	2996.3	8771.9	17475.9	18397.9	18506.3
55°	827.0	949.0	1071.1	1057.5	1410.0	2860.7	9056.6	18180.9	19116.4	19089.3
57.5°	799.9	921.9	1016.8	962.6	1288.0	2765.8	9476.9	18858.8	19984.1	19794.3
60°	759.2	921.9	908.4	894.8	1193.1	2684.4	9829.4	18994.4	20173.9	20295.9
62.5°	732.1	962.6	799.9	827.0	1111.7	2643.8	9680.2	17977.6	19916.3	20024.8
65°	705.0	827.0	732.1	759.2	1084.6	2562.4	9097.2	16757.4	18804.6	19279.1
67.5°	650.8	677.9	677.9	705.0	1057.5	2372.6	7904.2	14561.0	17109.9	17367.5
70°	596.5	610.1	610.1	650.8	1030.4	2155.7	6521.3	12595.1	14845.7	15333.8
72.5°	542.3	542.3	542.3	596.5	949.0	1979.4	5368.9	9680.2	12337.5	12676.5
75°	474.5	474.5	474.5	528.8	854.1	1803.2	4230.0	7199.2	9083.7	9571.8
77.5°	420.3	420.3	406.7	474.5	745.7	1464.2	3050.5	5084.2	6399.3	6806.0
80°	352.5	338.9	338.9	379.6	583.0	1057.5	1965.9	3592.8	4460.5	4636.7
82.5°	284.7	271.2	257.6	284.7	420.3	664.3	1220.2	2508.2	2860.7	2752.2
85°	271.2	284.7	230.5	216.9	298.3	433.8	772.8	1545.6	1288.0	1288.0
87.5°	108.5	94.9	94.9	81.3	149.1	162.7	338.9	284.7	216.9	216.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)