

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: P598898

Luminaire Tested: **IFLD-L-SA7B-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: P598898
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7B-727-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (112) 2700K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

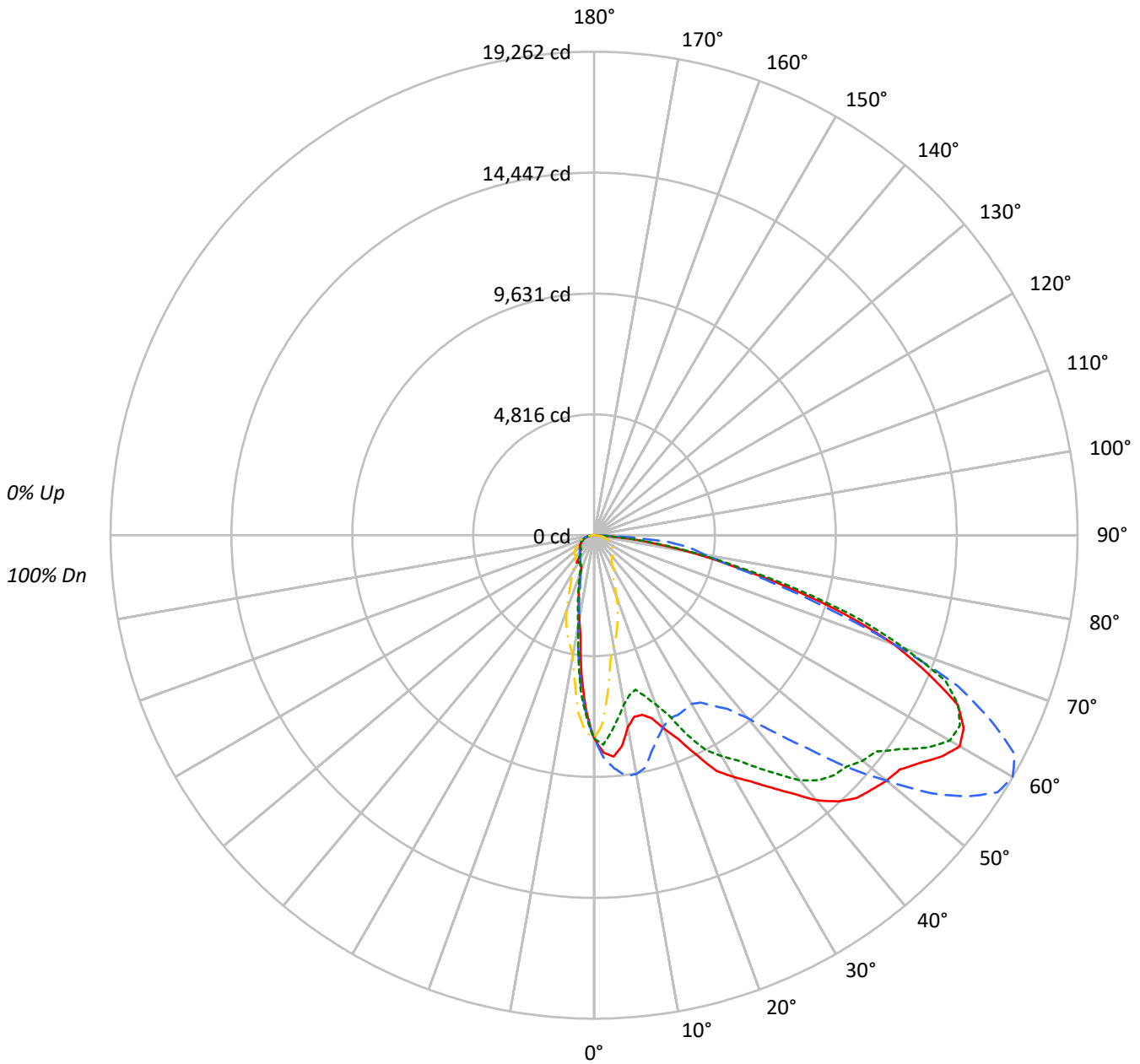
Lumens per Lamp: N/A
 Luminaire Lumens: 25333.0 lumens
 Efficiency: N/A
 Efficacy: 90.2 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 281
 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				
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°	43546	43546	43546	43546
5°	47841	42499	30478	33270
10°	42376	37401	18486	19837
15°	41263	35502	13087	13587
20°	47049	41063	8560	9462
25°	57325	52052	7474	7741
30°	69070	63134	7752	7193
35°	80553	74130	6424	6054
40°	96796	89533	6001	5684
45°	112648	102897	6073	5645
50°	127307	116957	6210	5833
55°	148468	139400	6432	6116
60°	181081	176121	6411	6411
65°	203505	203790	6583	6869
70°	200002	207075	6897	7073
75°	164980	175963	7245	7711
80°	119117	125040	8012	8359
85°	65925	70785	9022	11103

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	628.6	2.5
10°-20°	1327.1	5.2
20°-30°	1941.8	7.7
30°-40°	2735.8	10.8
40°-50°	3759.8	14.8
50°-60°	5124.2	20.2
60°-70°	5608.2	22.1
70°-80°	3237.8	12.8
80°-90°	969.6	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°	3897.5	15.4
0°-40°	6633.3	26.2
0°-60°	15517.3	61.3
0°-90°	25333.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	25333.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8091	8091	8091	8091	8091	
5°	8855	7866	5641	6158	8855	804
15°	7406	6372	2349	2439	7406	2164
25°	9653	8766	1259	1304	9653	4520
35°	12260	11283	978	922	12260	7774
45°	14800	13519	798	742	14800	11375
55°	15823	14856	686	652	15823	14277
65°	15980	16003	517	539	15980	15295
75°	7934	8462	348	371	7934	8523
85°	1068	1146	146	180	1068	1481
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°	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2
2.5°	8664.3	8630.6	8664.3	8788.0	8821.7	8877.9	8877.9	8799.2	8653.1	8585.7	8473.3
5°	8855.4	8799.2	9080.1	9338.6	9540.9	9518.4	9327.4	9170.0	8877.9	8439.6	8023.8
7.5°	8473.3	8529.5	8731.8	9406.0	9878.0	9967.9	9664.5	9349.9	8720.5	8113.7	7551.8
10°	7754.1	7832.7	8271.0	8967.8	9709.5	9855.6	9664.5	9282.4	8529.5	7776.6	7124.8
12.5°	7405.7	7585.5	7844.0	8686.8	9215.0	9563.4	9473.5	9226.2	8383.4	7495.6	6866.3
15°	7405.7	7450.7	7832.7	8540.7	8844.2	8855.4	8889.1	8934.1	8428.4	7619.2	6776.4
17.5°	7641.7	7765.3	8091.2	8529.5	8585.7	8450.8	8450.8	8641.9	8518.3	7967.6	7102.3
20°	8214.8	8169.9	8596.9	8776.7	8473.3	8136.2	8102.5	8428.4	8619.4	8338.5	7697.9
22.5°	8788.0	8990.2	9338.6	8934.1	8372.2	7922.7	7877.7	8282.3	8922.8	8979.0	8383.4
25°	9653.3	9855.6	10035.4	9540.9	8360.9	7866.5	7900.2	8214.8	9293.7	9889.3	9529.7
27.5°	10586.0	10709.6	10968.1	10203.9	8630.6	7799.0	7832.7	8304.7	9642.0	10484.9	10428.7
30°	11114.2	11249.0	11192.9	10327.5	8810.4	7844.0	7754.1	8428.4	9451.0	10484.9	11013.0
32.5°	11631.1	11552.5	11518.7	10529.8	9035.2	8124.9	7900.2	8686.8	9563.4	10653.4	11766.0
35°	12260.4	12148.1	12058.2	10923.1	9406.0	8394.6	8293.5	9024.0	9810.6	11001.8	12372.8
37.5°	12957.2	12957.2	12518.9	11215.3	9844.3	8832.9	8720.5	9507.2	10203.9	11215.3	13204.4
40°	13777.5	13811.3	13035.9	11608.7	10338.8	9529.7	9495.9	10136.5	10586.0	11530.0	14002.3
42.5°	14384.4	14406.9	13485.4	11754.7	10911.9	10496.1	10642.2	11147.9	11024.3	11810.9	14058.5
45°	14800.2	14687.8	13800.0	12170.5	11541.2	11945.8	11990.7	12136.8	11597.4	11979.5	14283.2
47.5°	15002.5	14980.0	13934.9	12653.8	12867.3	13417.9	13676.4	13474.1	12125.6	11799.7	14283.2
50°	15204.7	15013.7	14058.5	13316.8	14159.6	15272.2	15216.0	14845.1	12856.0	12024.5	14069.7
52.5°	15339.6	15171.0	14305.7	13912.4	15395.8	16654.4	16879.2	16193.7	13710.1	12440.2	14170.9
55°	15822.8	15688.0	15047.4	14721.5	16823.0	18115.3	18149.1	17193.8	14609.1	13125.8	14833.9
57.5°	16407.2	16485.9	16070.1	15867.8	17913.1	19182.9	19059.3	17935.5	15373.3	13957.4	15598.1
60°	16823.0	16946.6	16845.5	16867.9	18452.5	19542.5	19261.6	18396.3	15935.2	14586.7	16530.8
62.5°	16598.2	16845.5	17261.3	17171.4	18474.9	19284.1	18890.7	17789.4	16002.6	15407.0	17238.8
65°	15980.2	16002.6	16811.8	17306.2	17463.5	17946.8	17429.8	16519.6	15305.9	15912.7	17137.7
67.5°	14395.6	14575.4	15305.9	16272.3	15609.3	15721.7	15676.7	14361.9	14249.5	15564.4	16362.2
70°	12710.0	12833.6	13631.5	14766.5	13181.9	12653.8	12754.9	11777.2	12238.0	14485.5	14800.2
72.5°	10507.3	10586.0	11496.3	12496.4	10574.8	9630.8	9866.8	9068.9	9720.7	12676.2	12485.2
75°	7933.9	8080.0	8788.0	9967.9	7787.8	7181.0	7417.0	7091.1	7697.9	10439.9	9687.0
77.5°	5641.4	5529.0	6405.5	7799.0	5854.9	5495.3	5517.8	5574.0	6225.7	8799.2	6956.2
80°	3843.3	3877.0	4663.7	5720.0	4596.3	4540.1	4483.9	4933.4	5225.6	6967.4	5057.0
82.5°	2281.3	2281.3	3146.6	4068.1	3629.8	4090.6	3832.1	4236.7	4090.6	5124.4	3315.2
85°	1067.6	1067.6	1618.2	2933.1	2809.5	3371.3	2865.6	3202.8	3023.0	3573.6	1494.6
87.5°	179.8	157.3	325.9	1438.4	1157.5	1314.8	516.9	1708.1	1899.2	2494.8	370.8
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2
2.5°	8349.7	8271.0	8113.7	7911.4	7742.8	7529.3	7461.9	7315.8	7113.5	7091.1	7001.2
5°	7866.5	7596.8	7259.6	6843.8	6562.9	6270.7	6023.5	5877.4	5708.8	5686.3	5641.4
7.5°	7338.3	7001.2	6439.3	5944.8	5461.6	5000.8	4776.1	4495.1	4304.1	4158.0	4090.6
10°	6843.8	6529.2	5832.4	5158.2	4731.1	4427.7	4158.0	3865.8	3629.8	3450.0	3382.6
12.5°	6517.9	6147.1	5394.1	4753.6	4438.9	4090.6	3787.1	3472.5	3169.1	2933.1	2809.5
15°	6371.8	6023.5	5259.3	4551.3	4090.6	3607.3	3259.0	2944.3	2573.5	2404.9	2348.7
17.5°	6720.2	6203.3	5214.3	4315.3	3663.5	3112.9	2685.8	2348.7	2079.0	1910.4	1843.0
20°	7169.7	6529.2	5293.0	4034.4	3259.0	2640.9	2168.9	1809.3	1629.5	1505.9	1494.6
22.5°	7742.8	7012.4	5416.6	3832.1	2809.5	2123.9	1696.9	1483.4	1359.8	1348.5	1326.1
25°	8765.5	7888.9	5618.9	3562.4	2449.8	1753.1	1449.7	1326.1	1269.9	1236.2	1258.6
27.5°	9642.0	8462.1	5765.0	3393.8	2303.7	1652.0	1404.7	1269.9	1213.7	1202.4	1213.7
30°	10159.0	8990.2	5720.0	3079.2	2011.6	1573.3	1494.6	1449.7	1337.3	1247.4	1247.4
32.5°	10631.0	9327.4	5708.8	2798.2	1719.4	1314.8	1247.4	1213.7	1281.1	1326.1	1292.3
35°	11282.8	9855.6	5675.1	2640.9	1595.8	1213.7	1101.3	1011.4	966.5	944.0	977.7
37.5°	11979.5	10215.2	5585.2	2618.4	1528.3	1157.5	1067.6	977.7	932.7	910.3	899.0
40°	12743.7	10597.2	5484.0	2506.0	1494.6	1123.8	1033.9	955.2	899.0	865.3	854.1
42.5°	13238.1	10900.7	5382.9	2449.8	1427.2	1101.3	1000.2	932.7	876.5	831.6	831.6
45°	13519.1	11260.3	5281.8	2393.7	1348.5	1112.5	1000.2	910.3	842.8	820.4	797.9
47.5°	13642.7	11530.0	5248.1	2303.7	1281.1	1067.6	977.7	887.8	820.4	775.4	764.2
50°	13968.6	12103.1	5371.7	2236.3	1202.4	1022.6	1033.9	876.5	809.1	752.9	741.7
52.5°	14159.6	12563.9	5641.4	2135.2	1146.3	966.5	1011.4	854.1	775.4	719.2	719.2
55°	14856.4	13328.0	5933.6	2056.5	1078.8	887.8	932.7	809.1	719.2	685.5	685.5
57.5°	15744.2	14137.2	6180.8	2022.8	1033.9	831.6	831.6	786.6	685.5	640.6	629.3
60°	16362.2	14800.2	6326.9	2000.3	988.9	775.4	741.7	786.6	651.8	606.8	595.6
62.5°	16429.7	14418.1	6180.8	1989.1	977.7	719.2	674.3	752.9	618.1	573.1	550.7
65°	16002.6	13642.7	5776.2	1944.1	966.5	663.0	629.3	651.8	573.1	539.4	516.9
67.5°	15148.6	12384.1	5191.9	1921.7	955.2	618.1	573.1	561.9	528.2	494.5	472.0
70°	13159.5	10743.3	4506.4	1820.5	932.7	584.4	516.9	505.7	472.0	449.5	438.3
72.5°	11046.8	8788.0	3719.7	1685.7	887.8	528.2	472.0	449.5	438.3	404.6	393.3
75°	8462.1	6765.2	2978.0	1494.6	775.4	472.0	415.8	393.3	382.1	359.6	348.4
77.5°	5944.8	5034.5	2202.6	1213.7	651.8	427.0	370.8	348.4	337.1	303.4	303.4
80°	4034.4	3528.7	1494.6	842.8	505.7	348.4	325.9	303.4	280.9	258.5	258.5
82.5°	2506.0	2472.3	1078.8	550.7	370.8	280.9	258.5	258.5	224.8	202.3	202.3
85°	1146.3	1517.1	752.9	382.1	280.9	213.5	213.5	202.3	179.8	146.1	146.1
87.5°	359.6	505.7	393.3	168.6	157.3	123.6	123.6	112.4	112.4	89.9	89.9
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2
2.5°	7091.1	7079.8	7079.8	7034.9	7147.2	7147.2	7214.7	7158.5	7192.2	7203.4	7293.3
5°	5630.1	5720.0	5787.5	5922.3	6001.0	6034.7	6034.7	6124.6	6090.9	6158.3	6293.2
7.5°	4124.3	4236.7	4438.9	4607.5	4742.4	4787.3	4776.1	4798.5	4832.3	4753.6	4776.1
10°	3337.6	3259.0	3326.4	3483.7	3607.3	3753.4	3641.0	3629.8	3663.5	3629.8	3697.2
12.5°	2787.0	2697.1	2640.9	2640.9	2730.8	2798.2	2764.5	2820.7	2944.3	2978.0	3056.7
15°	2258.8	2180.1	2135.2	2079.0	2168.9	2191.4	2225.1	2303.7	2393.7	2438.6	2528.5
17.5°	1809.3	1809.3	1809.3	1764.3	1798.0	1831.8	1843.0	1944.1	1955.4	2000.3	2034.0
20°	1483.4	1517.1	1573.3	1595.8	1629.5	1629.5	1607.0	1663.2	1618.2	1652.0	1674.4
22.5°	1337.3	1382.2	1404.7	1416.0	1460.9	1472.2	1416.0	1427.2	1438.4	1404.7	1416.0
25°	1258.6	1281.1	1258.6	1269.9	1281.1	1258.6	1269.9	1292.3	1281.1	1303.6	1292.3
27.5°	1224.9	1202.4	1191.2	1180.0	1180.0	1157.5	1168.7	1168.7	1191.2	1202.4	1202.4
30°	1224.9	1191.2	1146.3	1112.5	1112.5	1078.8	1101.3	1123.8	1135.0	1157.5	1157.5
32.5°	1258.6	1191.2	1112.5	1078.8	1045.1	1022.6	1045.1	1078.8	1123.8	1135.0	1146.3
35°	1000.2	1033.9	1022.6	977.7	966.5	966.5	955.2	955.2	921.5	921.5	910.3
37.5°	899.0	887.8	910.3	921.5	932.7	899.0	899.0	854.1	842.8	854.1	854.1
40°	842.8	842.8	842.8	876.5	887.8	865.3	831.6	809.1	809.1	809.1	820.4
42.5°	820.4	797.9	786.6	809.1	842.8	820.4	786.6	775.4	775.4	786.6	786.6
45°	786.6	775.4	764.2	752.9	797.9	764.2	752.9	741.7	741.7	741.7	752.9
47.5°	752.9	741.7	719.2	719.2	730.5	719.2	708.0	708.0	708.0	730.5	730.5
50°	730.5	719.2	696.7	696.7	696.7	696.7	685.5	685.5	685.5	696.7	708.0
52.5°	696.7	685.5	674.3	663.0	663.0	663.0	663.0	663.0	663.0	674.3	685.5
55°	663.0	651.8	640.6	640.6	651.8	651.8	640.6	651.8	640.6	651.8	663.0
57.5°	629.3	618.1	606.8	618.1	629.3	618.1	618.1	618.1	618.1	618.1	629.3
60°	584.4	584.4	584.4	584.4	606.8	606.8	606.8	606.8	584.4	595.6	606.8
62.5°	561.9	550.7	550.7	561.9	573.1	573.1	584.4	573.1	561.9	573.1	573.1
65°	516.9	516.9	516.9	528.2	528.2	539.4	539.4	539.4	528.2	539.4	539.4
67.5°	483.2	483.2	483.2	483.2	505.7	505.7	505.7	505.7	494.5	494.5	505.7
70°	427.0	438.3	427.0	449.5	472.0	460.7	472.0	472.0	460.7	449.5	472.0
72.5°	393.3	393.3	393.3	393.3	427.0	427.0	427.0	438.3	427.0	415.8	427.0
75°	348.4	348.4	348.4	359.6	382.1	382.1	382.1	382.1	382.1	370.8	370.8
77.5°	303.4	314.7	303.4	314.7	337.1	325.9	337.1	348.4	337.1	325.9	325.9
80°	258.5	258.5	258.5	269.7	280.9	280.9	280.9	292.2	280.9	269.7	269.7
82.5°	202.3	202.3	213.5	213.5	224.8	224.8	224.8	236.0	224.8	213.5	213.5
85°	157.3	157.3	157.3	168.6	168.6	179.8	179.8	191.0	191.0	179.8	179.8
87.5°	101.1	89.9	101.1	101.1	112.4	112.4	101.1	89.9	101.1	89.9	78.7
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2	8091.2
2.5°	7383.2	7585.5	7731.6	7832.7	7978.8	8259.8	8372.2	8574.4	8630.6	8664.3
5°	6349.4	6562.9	6877.5	7102.3	7360.8	7888.9	8293.5	8596.9	8731.8	8855.4
7.5°	4978.3	5259.3	5585.2	5877.4	6304.4	6956.2	7484.4	8113.7	8349.7	8473.3
10°	3888.3	4146.7	4506.4	4866.0	5461.6	6012.2	6765.2	7338.3	7664.2	7754.1
12.5°	3281.4	3584.9	4011.9	4450.2	4821.0	5450.3	6214.5	7046.1	7349.5	7405.7
15°	2787.0	3202.8	3641.0	4090.6	4517.6	5068.2	5888.6	6900.0	7349.5	7405.7
17.5°	2303.7	2674.6	3191.5	3674.8	4169.2	4922.2	5944.8	7023.6	7473.1	7641.7
20°	1831.8	2191.4	2595.9	3202.8	3877.0	4674.9	6068.4	7439.4	8035.0	8214.8
22.5°	1517.1	1674.4	2067.8	2652.1	3450.0	4506.4	6192.0	8091.2	8720.5	8788.0
25°	1326.1	1438.4	1685.7	2236.3	3112.9	4394.0	6484.2	8844.2	9653.3	9653.3
27.5°	1236.2	1281.1	1449.7	1944.1	2876.9	4292.8	6776.4	9675.7	10428.7	10586.0
30°	1213.7	1326.1	1416.0	1730.6	2618.4	4011.9	7046.1	10327.5	11103.0	11114.2
32.5°	1191.2	1168.7	1236.2	1505.9	2303.7	3719.7	7270.9	10990.6	11597.4	11631.1
35°	932.7	977.7	1090.1	1326.1	2067.8	3506.2	7383.2	11350.2	12226.7	12260.4
37.5°	876.5	932.7	1022.6	1224.9	1910.4	3326.4	7417.0	12046.9	12889.8	12957.2
40°	854.1	899.0	966.5	1135.0	1786.8	3101.6	7484.4	12766.1	13867.5	13777.5
42.5°	809.1	865.3	932.7	1090.1	1685.7	2933.1	7495.6	13159.5	14384.4	14384.4
45°	797.9	831.6	910.3	1090.1	1573.3	2787.0	7315.8	13552.8	14980.0	14800.2
47.5°	752.9	820.4	887.8	1056.4	1438.4	2640.9	7102.3	13755.1	15058.7	15002.5
50°	741.7	809.1	921.5	1000.2	1359.8	2573.5	7057.3	14260.8	15216.0	15204.7
52.5°	719.2	786.6	955.2	955.2	1258.6	2483.6	7270.9	14485.5	15249.7	15339.6
55°	685.5	786.6	887.8	876.5	1168.7	2371.2	7506.9	15069.9	15845.3	15822.8
57.5°	663.0	764.2	842.8	797.9	1067.6	2292.5	7855.2	15631.8	16564.5	16407.2
60°	629.3	764.2	752.9	741.7	988.9	2225.1	8147.4	15744.2	16721.9	16823.0
62.5°	606.8	797.9	663.0	685.5	921.5	2191.4	8023.8	14901.3	16508.3	16598.2
65°	584.4	685.5	606.8	629.3	899.0	2123.9	7540.6	13889.9	15586.8	15980.2
67.5°	539.4	561.9	561.9	584.4	876.5	1966.6	6551.6	12069.4	14182.1	14395.6
70°	494.5	505.7	505.7	539.4	854.1	1786.8	5405.4	10439.9	12305.4	12710.0
72.5°	449.5	449.5	449.5	494.5	786.6	1640.7	4450.2	8023.8	10226.4	10507.3
75°	393.3	393.3	393.3	438.3	708.0	1494.6	3506.2	5967.3	7529.3	7933.9
77.5°	348.4	348.4	337.1	393.3	618.1	1213.7	2528.5	4214.2	5304.2	5641.4
80°	292.2	280.9	280.9	314.7	483.2	876.5	1629.5	2978.0	3697.2	3843.3
82.5°	236.0	224.8	213.5	236.0	348.4	550.7	1011.4	2079.0	2371.2	2281.3
85°	224.8	236.0	191.0	179.8	247.2	359.6	640.6	1281.1	1067.6	1067.6
87.5°	89.9	78.7	78.7	67.4	123.6	134.9	280.9	236.0	179.8	179.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)