

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: P598658

Luminaire Tested: **IFLD-S-SA6D-730-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598658
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6D-730-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (96) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

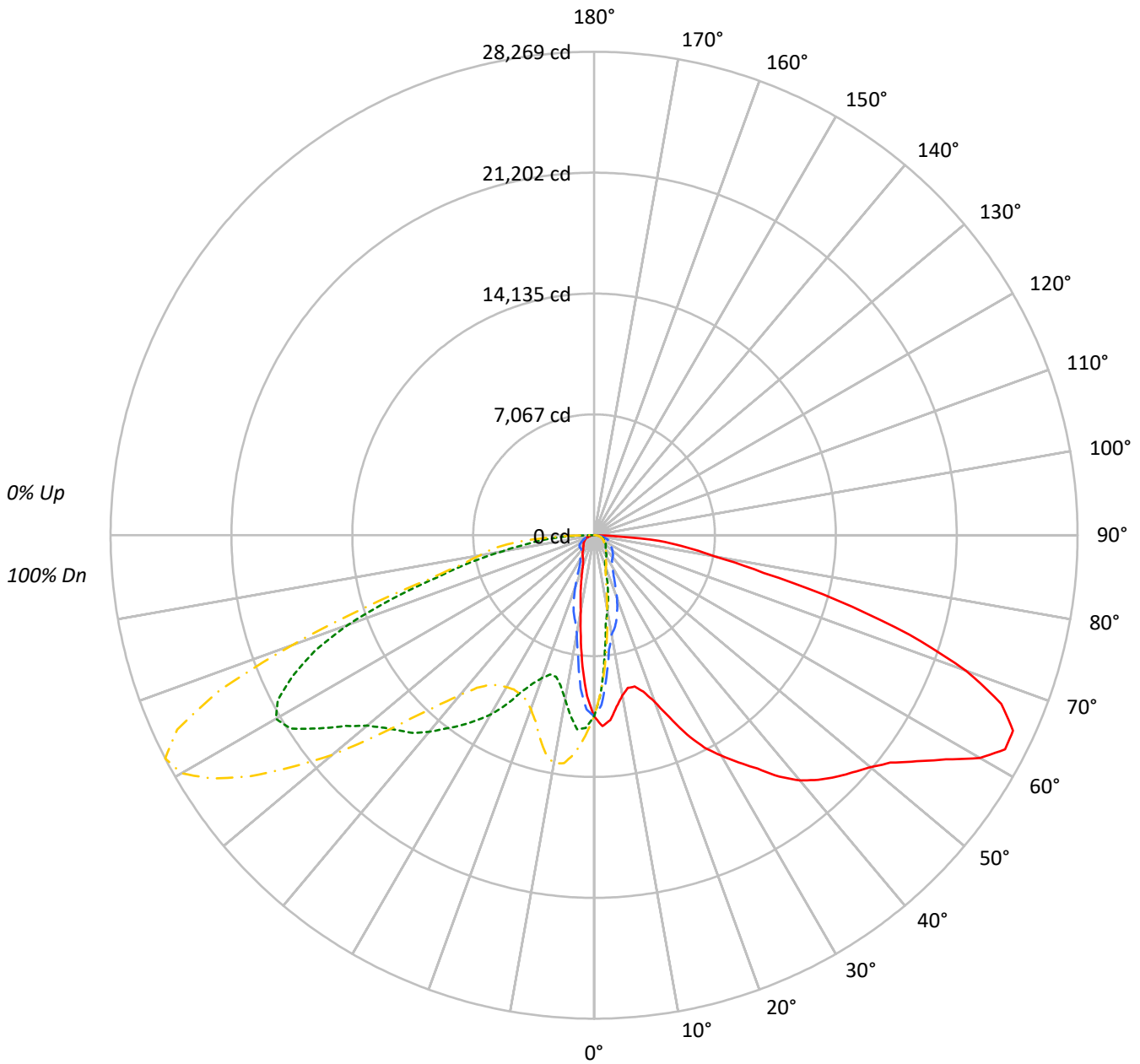
Lumens per Lamp: N/A
 Luminaire Lumens: 35413.2 lumens
 Efficiency: N/A
 Efficacy: 96.2 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 368.2
 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	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	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77			77	
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59			59	
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46			46	
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36			36	
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30			30	
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25			25	
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21			21	
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18			18	
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16			16	
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14			14	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	75911	75911	75911	75911
5°	78123	50801	55497	82071
10°	69309	32280	32603	70929
15°	68023	22894	21683	63620
20°	79086	14482	14596	67772
25°	101707	12435	12083	80122
30°	123257	11785	11049	100300
35°	145885	10383	9994	118888
40°	175290	9854	9161	140454
45°	202831	9773	8871	163739
50°	235532	9925	8932	193355
55°	288236	10195	9083	246344
60°	373815	10207	9568	308111
65°	458865	10315	9811	329809
70°	485554	10881	10258	321113
75°	408730	11501	10270	262080
80°	296946	13472	10410	226537
85°	314724	19522	8538	235436

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	818.7	2.3
10°-20°	1713.4	4.8
20°-30°	2469.2	7.0
30°-40°	3554.7	10.0
40°-50°	5049.2	14.3
50°-60°	7259.3	20.5
60°-70°	8386.8	23.7
70°-80°	4748.8	13.4
80°-90°	1413.3	4.0
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°	5001.3	14.1
0°-40°	8556.0	24.2
0°-60°	20864.4	58.9
0°-90°	35413.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	35413.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	10579	10579	10579	10579	10579	
5°	10845	7052	7704	11394	10845	984
15°	9156	3082	2919	8564	9156	2692
25°	12845	1570	1526	10119	12845	5962
35°	16653	1185	1141	13571	16653	10569
45°	19987	963	874	16135	19987	15476
55°	23039	815	726	19690	23039	20865
65°	27024	608	578	19424	27024	25914
75°	14742	415	370	9453	14742	15642
85°	3822	237	104	2860	3822	3807
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°	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6
2.5°	11171.2	11156.4	11067.5	10786.0	10489.7	10208.2	9941.5	9660.0	9511.8	9334.0	9260.0
5°	10845.3	10815.6	10563.8	9941.5	9393.3	8800.7	8296.9	7896.9	7570.9	7245.0	7126.5
7.5°	10104.5	10060.0	9763.7	8904.4	8104.3	7333.9	6726.4	6207.9	5778.2	5585.6	5363.4
10°	9511.8	9437.8	9052.5	8104.3	7067.2	6296.8	5896.7	5541.2	5170.8	4859.6	4533.7
12.5°	9141.4	9052.5	8652.5	7541.3	6533.8	5956.0	5541.2	5141.1	4681.8	4296.6	3941.0
15°	9156.3	9052.5	8563.6	7393.2	6400.5	5659.7	5081.9	4533.7	4000.3	3570.6	3170.6
17.5°	9585.9	9452.6	8934.0	7600.6	6296.8	5274.5	4504.0	3792.9	3185.4	2726.1	2400.2
20°	10356.3	10267.4	9674.8	7911.7	6193.1	4859.6	3911.4	3052.1	2415.0	2059.4	1926.1
22.5°	11512.0	11408.3	10771.2	8385.8	6163.4	4489.2	3274.3	2400.2	1940.9	1792.7	1718.6
25°	12845.4	12652.8	12060.2	9185.9	6222.7	4148.5	2755.8	1985.3	1733.5	1629.8	1585.3
27.5°	14001.1	13882.5	13215.8	9941.5	6252.3	3881.8	2400.2	1807.5	1614.9	1526.0	1496.4
30°	14875.2	14830.8	14178.9	10771.2	6178.2	3555.8	2177.9	1733.5	1614.9	1526.0	1437.1
32.5°	15749.3	15764.2	15067.8	11408.3	6074.5	3274.3	1970.5	1540.9	1422.3	1363.1	1377.9
35°	16653.1	16727.2	16134.6	12030.5	5852.3	3170.6	1822.4	1437.1	1333.4	1244.5	1200.1
37.5°	17794.0	17986.6	17408.7	12726.9	5630.1	3081.7	1748.3	1363.1	1259.4	1185.3	1126.0
40°	18712.5	19068.1	18727.4	13378.8	5481.9	2978.0	1689.0	1289.0	1214.9	1126.0	1081.6
42.5°	19394.1	19808.9	19690.4	13882.5	5481.9	2874.3	1629.8	1244.5	1185.3	1081.6	1022.3
45°	19986.7	20416.4	20401.6	14401.1	5600.4	2815.0	1555.7	1244.5	1155.6	1051.9	992.7
47.5°	20520.1	20949.7	21097.9	15053.0	5793.0	2785.4	1466.8	1214.9	1155.6	1037.1	948.2
50°	21097.9	21572.0	22016.5	16090.1	6030.1	2711.3	1407.5	1170.5	1170.5	1022.3	918.6
52.5°	21838.7	22372.1	23187.0	17379.1	6267.1	2578.0	1318.6	1140.8	1170.5	1007.5	889.0
55°	23038.8	23483.3	24550.0	18920.0	6563.5	2415.0	1244.5	1066.7	1111.2	963.0	844.5
57.5°	24387.0	24772.3	25661.2	20105.2	6652.4	2207.6	1140.8	992.7	1066.7	918.6	785.2
60°	26046.4	26239.0	26239.0	20446.0	6356.0	2015.0	1066.7	933.4	963.0	874.1	740.8
62.5°	27098.4	27098.4	26239.0	19823.7	5793.0	1852.0	1007.5	874.1	844.5	814.9	696.3
65°	27024.3	26905.8	25631.6	18016.2	5141.1	1748.3	948.2	800.1	755.6	740.8	651.9
67.5°	25779.7	25572.3	23838.9	15467.8	4459.6	1703.8	889.0	726.0	696.3	666.7	592.6
70°	23142.5	22609.1	20475.6	12445.4	3792.9	1674.2	874.1	666.7	637.1	607.5	548.2
72.5°	19320.0	18638.5	15986.4	9571.1	3185.4	1570.5	829.7	592.6	577.8	548.2	488.9
75°	14741.9	13482.5	11156.4	7319.1	2474.3	1363.1	711.2	518.6	518.6	503.7	444.5
77.5°	10163.7	9511.8	7778.4	5407.8	1807.5	1051.9	577.8	459.3	459.3	474.1	414.8
80°	7185.7	6578.3	5541.2	3881.8	1140.8	711.2	444.5	385.2	429.7	459.3	385.2
82.5°	5496.7	5052.2	4118.8	2829.8	666.7	488.9	340.8	311.1	370.4	400.0	326.0
85°	3822.5	3289.1	2089.0	1896.4	385.2	296.3	251.9	251.9	326.0	400.0	296.3
87.5°	1081.6	459.3	133.3	563.0	163.0	118.5	88.9	59.3	88.9	88.9	59.3
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°	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6
2.5°	9185.9	9097.0	9097.0	9067.4	9082.2	9097.0	9082.2	9185.9	9230.3	9289.6	9408.1
5°	7052.4	7170.9	7082.0	7170.9	7289.4	7467.2	7511.7	7645.0	7659.8	7763.6	7704.3
7.5°	5230.0	5215.2	5141.1	5244.8	5570.8	5822.7	5941.2	6015.3	6030.1	6030.1	5956.0
10°	4430.0	4296.6	4163.3	4089.2	4118.8	4385.5	4474.4	4518.9	4489.2	4533.7	4474.4
12.5°	3792.9	3674.4	3481.7	3348.4	3259.5	3333.6	3422.5	3466.9	3496.6	3570.6	3629.9
15°	3081.7	2963.2	2844.7	2770.6	2696.5	2637.2	2711.3	2755.8	2829.8	2889.1	2918.7
17.5°	2340.9	2281.7	2222.4	2266.8	2266.8	2237.2	2266.8	2281.7	2311.3	2355.7	2340.9
20°	1896.4	1881.6	1866.8	1940.9	2000.2	2000.2	2029.8	1985.3	1970.5	1926.1	1911.3
22.5°	1689.0	1689.0	1703.8	1763.1	1822.4	1852.0	1852.0	1777.9	1703.8	1674.2	1689.0
25°	1570.5	1570.5	1614.9	1629.8	1659.4	1659.4	1674.2	1600.1	1555.7	1511.2	1526.0
27.5°	1481.6	1481.6	1496.4	1496.4	1511.2	1511.2	1526.0	1496.4	1437.1	1422.3	1422.3
30°	1422.3	1422.3	1407.5	1407.5	1407.5	1407.5	1422.3	1377.9	1348.3	1333.4	1333.4
32.5°	1363.1	1348.3	1333.4	1333.4	1318.6	1318.6	1333.4	1289.0	1274.2	1274.2	1274.2
35°	1185.3	1170.5	1185.3	1214.9	1214.9	1229.7	1229.7	1214.9	1185.3	1155.6	1140.8
37.5°	1111.2	1096.4	1096.4	1096.4	1126.0	1140.8	1155.6	1126.0	1081.6	1037.1	1037.1
40°	1051.9	1051.9	1037.1	1037.1	1037.1	1066.7	1096.4	1051.9	992.7	977.9	977.9
42.5°	1007.5	992.7	977.9	963.0	948.2	992.7	1022.3	963.0	933.4	933.4	933.4
45°	963.0	948.2	933.4	918.6	903.8	918.6	948.2	889.0	874.1	874.1	874.1
47.5°	918.6	903.8	874.1	859.3	844.5	844.5	874.1	829.7	814.9	829.7	829.7
50°	889.0	859.3	829.7	814.9	800.1	800.1	800.1	785.2	785.2	785.2	800.1
52.5°	859.3	829.7	785.2	770.4	755.6	755.6	755.6	755.6	740.8	755.6	770.4
55°	814.9	785.2	755.6	740.8	726.0	711.2	726.0	711.2	711.2	726.0	726.0
57.5°	755.6	726.0	696.3	696.3	681.5	681.5	696.3	681.5	681.5	696.3	696.3
60°	711.2	681.5	651.9	651.9	637.1	651.9	666.7	651.9	651.9	651.9	666.7
62.5°	651.9	637.1	607.5	607.5	607.5	607.5	622.3	607.5	622.3	622.3	622.3
65°	607.5	577.8	563.0	563.0	563.0	563.0	592.6	563.0	577.8	577.8	577.8
67.5°	563.0	533.4	518.6	518.6	518.6	518.6	548.2	518.6	533.4	548.2	533.4
70°	518.6	488.9	474.1	474.1	474.1	474.1	488.9	474.1	474.1	488.9	488.9
72.5°	459.3	444.5	429.7	429.7	414.8	429.7	444.5	429.7	429.7	429.7	429.7
75°	414.8	400.0	400.0	385.2	385.2	385.2	400.0	370.4	370.4	370.4	370.4
77.5°	385.2	355.6	355.6	355.6	340.8	355.6	340.8	311.1	311.1	311.1	311.1
80°	326.0	296.3	311.1	311.1	296.3	296.3	281.5	251.9	251.9	251.9	251.9
82.5°	266.7	237.1	251.9	251.9	251.9	251.9	222.2	207.4	192.6	177.8	177.8
85°	237.1	192.6	222.2	222.2	207.4	207.4	148.2	148.2	118.5	118.5	103.7
87.5°	44.4	29.6	59.3	74.1	74.1	88.9	59.3	74.1	44.4	29.6	29.6
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6
2.5°	9393.3	9556.3	9778.5	9941.5	10193.4	10386.0	10682.3	10934.2	11171.2	11274.9	11378.6
5°	7882.1	7985.8	8326.6	8593.2	8993.3	9422.9	9956.3	10534.1	11126.8	11393.5	11704.6
7.5°	5896.7	6089.4	6282.0	6667.2	7156.1	7852.5	8534.0	9393.3	10223.0	10623.0	11156.4
10°	4578.1	4726.3	4948.5	5348.6	5807.9	6385.7	7200.5	8222.8	9215.5	9734.1	10282.3
12.5°	3674.4	3881.8	4178.1	4592.9	5126.3	5719.0	6311.6	7259.8	8415.5	9008.1	9630.4
15°	2978.0	3141.0	3466.9	3985.5	4607.8	5215.2	5837.5	6622.7	7882.1	8563.6	9304.4
17.5°	2370.6	2489.1	2785.4	3304.0	3926.2	4607.8	5318.9	6311.6	7704.3	8534.0	9408.1
20°	1926.1	2015.0	2207.6	2592.8	3185.4	3926.2	4815.2	6015.3	7808.0	8874.8	9941.5
22.5°	1689.0	1718.6	1807.5	2015.0	2503.9	3289.1	4355.9	5763.4	8000.6	9378.5	10815.6
25°	1526.0	1555.7	1585.3	1718.6	2000.2	2740.9	3955.9	5615.2	8415.5	10119.3	11823.1
27.5°	1422.3	1452.0	1466.8	1526.0	1718.6	2340.9	3615.1	5526.3	8978.5	11200.9	13067.7
30°	1333.4	1333.4	1377.9	1466.8	1600.1	2059.4	3318.8	5318.9	9571.1	12104.6	14045.5
32.5°	1259.4	1274.2	1333.4	1377.9	1466.8	1822.4	3022.5	5052.2	10104.5	12845.4	15008.6
35°	1126.0	1126.0	1140.8	1214.9	1333.4	1629.8	2755.8	4785.6	10400.8	13571.4	15867.9
37.5°	1037.1	1051.9	1081.6	1140.8	1244.5	1496.4	2533.5	4489.2	10711.9	14252.9	16875.4
40°	977.9	992.7	1022.3	1081.6	1185.3	1377.9	2340.9	4252.2	11037.9	14993.7	17956.9
42.5°	933.4	948.2	977.9	1037.1	1126.0	1348.3	2133.5	4059.6	11230.5	15675.3	18979.2
45°	889.0	903.8	948.2	1007.5	1081.6	1318.6	2015.0	3926.2	11304.6	16134.6	19794.1
47.5°	844.5	859.3	903.8	992.7	1081.6	1274.2	1970.5	3852.1	11363.8	16653.1	20446.0
50°	800.1	829.7	889.0	977.9	1096.4	1214.9	1940.9	3837.3	11704.6	17319.8	21068.3
52.5°	770.4	814.9	874.1	977.9	1081.6	1126.0	1926.1	3881.8	12386.1	18312.5	21957.2
55°	740.8	785.2	844.5	977.9	1037.1	1051.9	1852.0	3955.9	13423.2	19690.4	23216.6
57.5°	711.2	740.8	814.9	948.2	977.9	992.7	1703.8	4059.6	14460.4	21038.6	24505.6
60°	666.7	696.3	770.4	948.2	889.0	933.4	1511.2	4089.2	15201.2	21468.3	24624.1
62.5°	622.3	651.9	726.0	977.9	814.9	874.1	1348.3	3985.5	15349.3	20846.0	23957.4
65°	577.8	607.5	666.7	814.9	755.6	814.9	1244.5	3704.0	14860.4	19423.7	22742.5
67.5°	533.4	563.0	607.5	666.7	681.5	740.8	1200.1	3259.5	13630.7	17660.6	21083.1
70°	474.1	503.7	548.2	592.6	607.5	696.3	1126.0	2829.8	11645.3	15304.9	19053.3
72.5°	429.7	444.5	488.9	518.6	548.2	637.1	1081.6	2474.3	8904.4	12386.1	15541.9
75°	370.4	370.4	414.8	444.5	474.1	563.0	992.7	2059.4	6282.0	9452.6	11423.1
77.5°	311.1	311.1	340.8	370.4	400.0	488.9	844.5	1674.2	4355.9	7496.9	8282.1
80°	237.1	237.1	266.7	296.3	326.0	414.8	681.5	1229.7	2696.5	5481.9	6030.1
82.5°	163.0	163.0	207.4	222.2	237.1	326.0	518.6	844.5	1585.3	3955.9	4311.4
85°	88.9	88.9	118.5	133.3	163.0	237.1	385.2	592.6	948.2	2859.5	2874.3
87.5°	14.8	14.8	44.4	44.4	74.1	118.5	222.2	326.0	533.4	1585.3	1007.5
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6	10578.6
2.5°	11571.3	11734.2	11749.0	11749.0	11675.0	11689.8	11482.4	11260.1	11186.0	11171.2
5°	12178.7	12608.4	12726.9	12786.2	12593.6	12297.2	11763.9	11186.0	10889.7	10845.3
7.5°	12060.2	12919.5	13378.8	13438.1	13052.8	12356.5	11423.1	10534.1	10193.4	10104.5
10°	11363.8	12519.5	13349.2	13556.6	13141.7	12252.8	11037.9	10000.8	9585.9	9511.8
12.5°	10874.9	11986.1	12801.0	13082.5	12889.9	12119.4	10845.3	9660.0	9245.1	9141.4
15°	10608.2	11630.5	12163.9	12252.8	12238.0	11912.0	10845.3	9734.1	9274.8	9156.3
17.5°	10830.5	11526.8	11600.9	11393.5	11512.0	11675.0	11082.3	10134.1	9689.6	9585.9
20°	11274.9	11482.4	11126.8	10815.6	10874.9	11393.5	11452.7	10889.7	10534.1	10356.3
22.5°	12208.3	11645.3	10830.5	10400.8	10445.2	11171.2	11941.7	11912.0	11600.9	11512.0
25°	13156.6	12104.6	10741.6	10237.8	10297.1	11126.8	12519.5	13052.8	12889.9	12845.4
27.5°	14208.5	12875.1	10800.8	10163.7	10237.8	11186.0	12919.5	14015.9	14045.5	14001.1
30°	14919.7	13245.5	10978.6	10252.6	10356.3	11334.2	13008.4	14593.7	14860.4	14875.2
32.5°	15512.3	13615.9	11349.0	10400.8	10578.6	11600.9	13245.5	15141.9	15734.5	15749.3
35°	15986.4	14030.7	11808.3	10667.5	10934.2	12045.4	13556.6	15660.5	16549.4	16653.1
37.5°	16593.9	14490.0	12341.7	11245.3	11541.6	12682.4	14104.8	16267.9	17512.4	17794.0
40°	17245.8	14949.3	13112.1	12178.7	12608.4	13630.7	14727.0	16949.4	18327.3	18712.5
42.5°	17971.7	15438.2	13986.3	13438.1	14090.0	14830.8	15438.2	17571.7	18949.6	19394.1
45°	18682.9	16030.9	15260.4	15156.7	15882.7	16253.1	16134.6	18016.2	19542.2	19986.7
47.5°	19186.6	16890.2	16801.3	17423.6	18105.1	17912.5	16949.4	18342.1	20031.2	20520.1
50°	19645.9	17956.9	18742.2	19957.1	20371.9	19720.0	17823.6	18786.6	20549.7	21097.9
52.5°	20327.5	19097.8	20742.3	22253.5	22653.6	21616.5	18771.8	19512.6	21349.8	21838.7
55°	21720.2	20386.7	22831.4	24564.8	24638.9	23349.9	20046.0	20742.3	22475.8	23038.8
57.5°	23275.8	21972.0	24490.8	26476.1	26446.5	25083.4	21483.1	22401.7	24001.8	24387.0
60°	24683.4	23572.2	26298.3	27839.2	27765.1	26342.8	23157.3	24283.3	25750.1	26046.4
62.5°	25513.1	25024.1	27098.4	28268.8	27987.3	26757.6	24579.7	25957.5	26994.7	27098.4
65°	25379.7	25853.8	26165.0	26890.9	26490.9	25602.0	25276.0	27024.3	27128.0	27024.3
67.5°	24372.2	25379.7	23601.8	23675.9	23468.5	22712.8	24194.4	26742.8	26031.6	25779.7
70°	22846.2	22920.3	19734.8	18801.4	19127.4	18090.3	20757.1	24550.0	23453.6	23142.5
72.5°	20312.7	19394.1	14919.7	13971.4	14460.4	13719.6	16653.1	21394.2	20327.5	19320.0
75°	17038.3	15364.1	11363.8	10015.6	10267.4	10237.8	12904.7	17675.4	15749.3	14741.9
77.5°	13201.0	11971.3	8385.8	7867.3	7600.6	7659.8	9008.1	13141.7	11423.1	10163.7
80°	9645.2	8371.0	6489.4	6785.7	6637.5	6282.0	6311.6	8800.7	7941.3	7185.7
82.5°	6667.2	5956.0	5259.7	5941.2	5585.6	5037.4	4918.9	6341.2	5956.0	5496.7
85°	4474.4	4904.1	4178.1	4548.5	3941.0	3629.9	4622.6	5304.1	4281.8	3822.5
87.5°	2918.7	4489.2	3007.6	2281.7	1303.8	1748.3	2829.8	3481.7	2000.2	1081.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)