

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: P598917

Luminaire Tested: **IFLD-S-SA6B-730-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598917
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6B-730-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (96) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

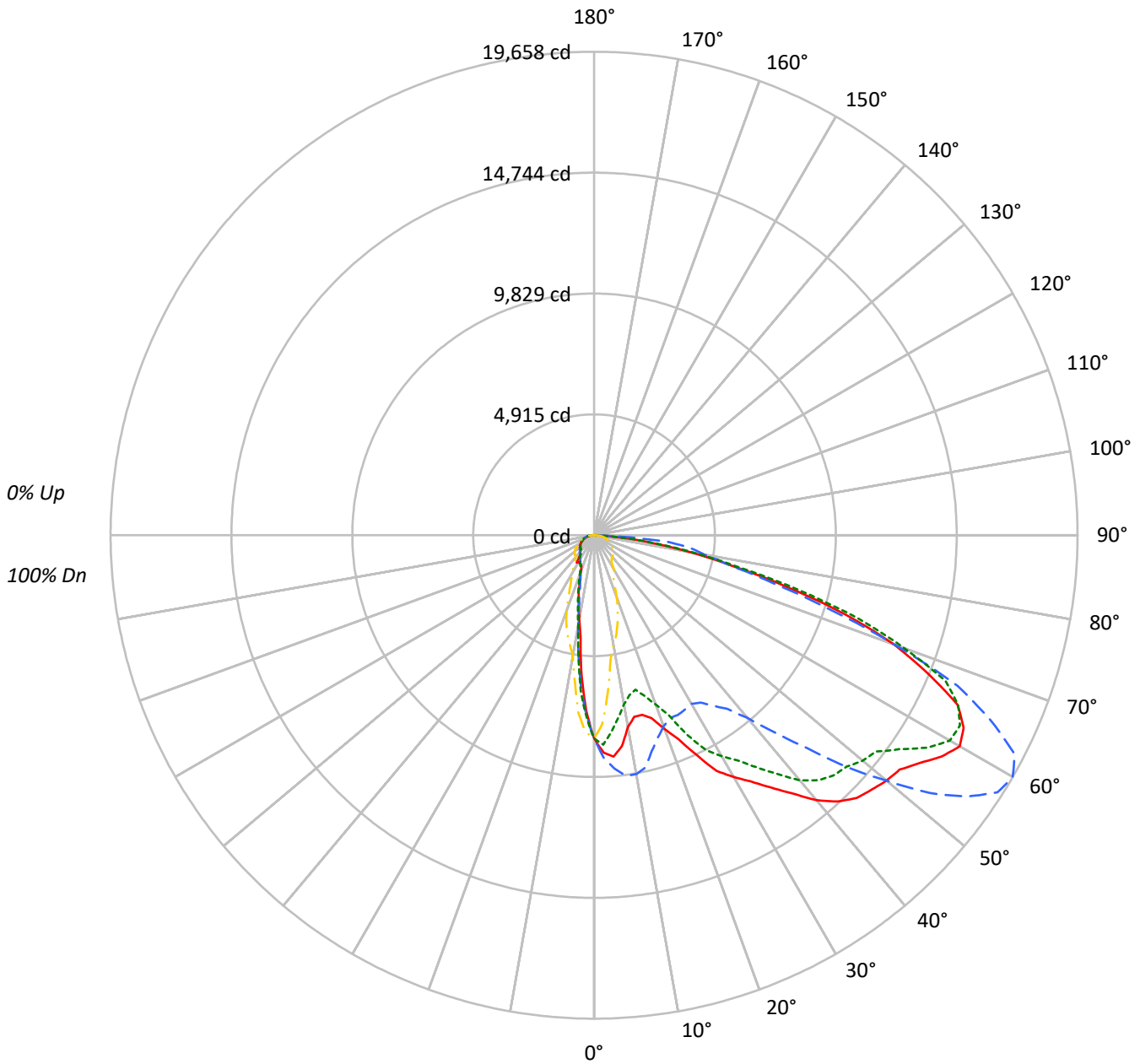
Lumens per Lamp: N/A
 Luminaire Lumens: 25854.5 lumens
 Efficiency: N/A
 Efficacy: 105.6 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 244.9
 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°	59258	59258	59258	59258
5°	65102	57831	41473	45274
10°	57664	50895	25155	26993
15°	56150	48311	17808	18490
20°	64024	55878	11649	12875
25°	78006	70832	10170	10534
30°	93989	85911	10549	9788
35°	109616	100874	8741	8239
40°	131719	121834	8166	7736
45°	153289	140020	8264	7682
50°	173237	159153	8451	7939
55°	202033	189692	8753	8322
60°	246412	239664	8725	8725
65°	276926	277315	8959	9347
70°	272158	281784	9385	9626
75°	224501	239448	9856	10494
80°	162096	170150	10901	11377
85°	89712	96323	12276	15108

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	641.5	2.5
10°-20°	1354.5	5.2
20°-30°	1981.7	7.7
30°-40°	2792.1	10.8
40°-50°	3837.2	14.8
50°-60°	5229.7	20.2
60°-70°	5723.7	22.1
70°-80°	3304.5	12.8
80°-90°	989.6	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°	3977.7	15.4
0°-40°	6769.9	26.2
0°-60°	15836.8	61.3
0°-90°	25854.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	25854.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8258	8258	8258	8258	8258	
5°	9038	8028	5758	6285	9038	821
15°	7558	6503	2397	2489	7558	2208
25°	9852	8946	1284	1330	9852	4613
35°	12513	11515	998	940	12513	7934
45°	15105	13797	814	757	15105	11609
55°	16149	15162	700	665	16149	14571
65°	16309	16332	528	550	16309	15610
75°	8097	8636	356	378	8097	8698
85°	1090	1170	149	184	1090	1512
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°	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8
2.5°	8842.7	8808.3	8842.7	8968.9	9003.3	9060.6	9060.6	8980.4	8831.3	8762.4	8647.7
5°	9037.7	8980.4	9267.1	9530.9	9737.3	9714.4	9519.4	9358.8	9060.6	8613.3	8189.0
7.5°	8647.7	8705.1	8911.5	9599.7	10081.4	10173.1	9863.5	9542.3	8900.1	8280.7	7707.3
10°	7913.7	7994.0	8441.3	9152.4	9909.4	10058.5	9863.5	9473.5	8705.1	7936.7	7271.5
12.5°	7558.2	7741.7	8005.5	8865.7	9404.7	9760.3	9668.5	9416.2	8556.0	7649.9	7007.7
15°	7558.2	7604.1	7994.0	8716.6	9026.2	9037.7	9072.1	9118.0	8601.9	7776.1	6915.9
17.5°	7799.0	7925.2	8257.8	8705.1	8762.4	8624.8	8624.8	8819.8	8693.6	8131.6	7248.5
20°	8384.0	8338.1	8773.9	8957.4	8647.7	8303.7	8269.3	8601.9	8796.8	8510.1	7856.4
22.5°	8968.9	9175.3	9530.9	9118.0	8544.5	8085.8	8039.9	8452.8	9106.5	9163.9	8556.0
25°	9852.0	10058.5	10242.0	9737.3	8533.1	8028.4	8062.8	8384.0	9485.0	10092.9	9725.9
27.5°	10804.0	10930.1	11193.9	10414.0	8808.3	7959.6	7994.0	8475.7	9840.5	10700.7	10643.4
30°	11343.0	11480.6	11423.3	10540.2	8991.8	8005.5	7913.7	8601.9	9645.6	10700.7	11239.8
32.5°	11870.6	11790.3	11755.9	10746.6	9221.2	8292.2	8062.8	8865.7	9760.3	10872.8	12008.2
35°	12512.9	12398.2	12306.4	11148.0	9599.7	8567.5	8464.2	9209.7	10012.6	11228.3	12627.5
37.5°	13223.9	13223.9	12776.6	11446.2	10047.0	9014.8	8900.1	9702.9	10414.0	11446.2	13476.3
40°	14061.2	14095.6	13304.2	11847.6	10551.6	9725.9	9691.4	10345.2	10804.0	11767.4	14290.6
42.5°	14680.5	14703.5	13763.0	11996.7	11136.6	10712.2	10861.3	11377.4	11251.3	12054.1	14347.9
45°	15104.9	14990.2	14084.1	12421.1	11778.8	12191.7	12237.6	12386.7	11836.2	12226.1	14577.3
47.5°	15311.3	15288.4	14221.8	12914.3	13132.2	13694.2	13958.0	13751.5	12375.2	12042.6	14577.3
50°	15517.8	15322.8	14347.9	13591.0	14451.1	15586.6	15529.2	15150.8	13120.7	12272.0	14359.4
52.5°	15655.4	15483.4	14600.2	14198.8	15712.8	16997.3	17226.7	16527.1	13992.4	12696.4	14462.6
55°	16148.6	16011.0	15357.2	15024.6	17169.3	18488.3	18522.7	17547.8	14909.9	13396.0	15139.3
57.5°	16745.0	16825.3	16400.9	16194.5	18281.8	19577.9	19451.7	18304.8	15689.8	14244.7	15919.2
60°	17169.3	17295.5	17192.3	17215.2	18832.4	19944.9	19658.1	18775.0	16263.3	14887.0	16871.1
62.5°	16940.0	17192.3	17616.6	17524.9	18855.3	19681.1	19279.7	18155.7	16332.1	15724.2	17593.7
65°	16309.2	16332.1	17157.9	17662.5	17823.1	18316.3	17788.7	16859.7	15621.0	16240.3	17490.5
67.5°	14692.0	14875.5	15621.0	16607.3	15930.7	16045.4	15999.5	14657.6	14542.9	15884.8	16699.1
70°	12971.6	13097.8	13912.1	15070.5	13453.3	12914.3	13017.5	12019.7	12489.9	14783.8	15104.9
72.5°	10723.7	10804.0	11733.0	12753.7	10792.5	9829.1	10069.9	9255.6	9920.8	12937.2	12742.2
75°	8097.2	8246.3	8968.9	10173.1	7948.1	7328.8	7569.6	7237.0	7856.4	10654.9	9886.4
77.5°	5757.5	5642.8	6537.4	7959.6	5975.4	5608.4	5631.4	5688.7	6353.9	8980.4	7099.4
80°	3922.5	3956.9	4759.7	5837.8	4690.9	4633.5	4576.2	5035.0	5333.2	7110.9	5161.1
82.5°	2328.2	2328.2	3211.4	4151.8	3704.5	4174.8	3911.0	4323.9	4174.8	5229.9	3383.4
85°	1089.6	1089.6	1651.6	2993.5	2867.3	3440.7	2924.6	3268.7	3085.2	3647.2	1525.4
87.5°	183.5	160.6	332.6	1468.1	1181.3	1341.9	527.6	1743.3	1938.3	2546.2	378.5
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°	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8
2.5°	8521.6	8441.3	8280.7	8074.3	7902.3	7684.3	7615.5	7466.4	7260.0	7237.0	7145.3
5°	8028.4	7753.2	7409.1	6984.7	6698.0	6399.8	6147.5	5998.4	5826.3	5803.4	5757.5
7.5°	7489.4	7145.3	6571.8	6067.2	5574.0	5103.8	4874.4	4587.7	4392.7	4243.6	4174.8
10°	6984.7	6663.6	5952.5	5264.3	4828.5	4518.9	4243.6	3945.4	3704.5	3521.0	3452.2
12.5°	6652.1	6273.6	5505.2	4851.5	4530.3	4174.8	3865.1	3544.0	3234.3	2993.5	2867.3
15°	6503.0	6147.5	5367.6	4645.0	4174.8	3681.6	3326.1	3004.9	2626.4	2454.4	2397.1
17.5°	6858.6	6331.0	5321.7	4404.2	3738.9	3177.0	2741.1	2397.1	2121.8	1949.8	1880.9
20°	7317.3	6663.6	5402.0	4117.4	3326.1	2695.3	2213.5	1846.5	1663.0	1536.9	1525.4
22.5°	7902.3	7156.8	5528.1	3911.0	2867.3	2167.7	1731.8	1513.9	1387.8	1376.3	1353.4
25°	8945.9	8051.4	5734.6	3635.7	2500.3	1789.2	1479.5	1353.4	1296.0	1261.6	1284.5
27.5°	9840.5	8636.3	5883.7	3463.7	2351.2	1686.0	1433.6	1296.0	1238.7	1227.2	1238.7
30°	10368.1	9175.3	5837.8	3142.6	2053.0	1605.7	1525.4	1479.5	1364.8	1273.1	1273.1
32.5°	10849.8	9519.4	5826.3	2855.8	1754.8	1341.9	1273.1	1238.7	1307.5	1353.4	1319.0
35°	11515.0	10058.5	5791.9	2695.3	1628.6	1238.7	1124.0	1032.2	986.3	963.4	997.8
37.5°	12226.1	10425.5	5700.2	2672.3	1559.8	1181.3	1089.6	997.8	951.9	929.0	917.5
40°	13006.0	10815.4	5597.0	2557.6	1525.4	1146.9	1055.2	974.9	917.5	883.1	871.7
42.5°	13510.7	11125.1	5493.7	2500.3	1456.6	1124.0	1020.8	951.9	894.6	848.7	848.7
45°	13797.4	11492.1	5390.5	2442.9	1376.3	1135.4	1020.8	929.0	860.2	837.2	814.3
47.5°	13923.6	11767.4	5356.1	2351.2	1307.5	1089.6	997.8	906.1	837.2	791.4	779.9
50°	14256.2	12352.3	5482.3	2282.4	1227.2	1043.7	1055.2	894.6	825.8	768.4	757.0
52.5°	14451.1	12822.5	5757.5	2179.1	1169.9	986.3	1032.2	871.7	791.4	734.0	734.0
55°	15162.2	13602.4	6055.7	2098.9	1101.0	906.1	951.9	825.8	734.0	699.6	699.6
57.5°	16068.3	14428.2	6308.0	2064.4	1055.2	848.7	848.7	802.8	699.6	653.7	642.3
60°	16699.1	15104.9	6457.1	2041.5	1009.3	791.4	757.0	802.8	665.2	619.3	607.9
62.5°	16767.9	14714.9	6308.0	2030.0	997.8	734.0	688.1	768.4	630.8	584.9	562.0
65°	16332.1	13923.6	5895.2	1984.2	986.3	676.7	642.3	665.2	584.9	550.5	527.6
67.5°	15460.4	12639.0	5298.8	1961.2	974.9	630.8	584.9	573.5	539.1	504.6	481.7
70°	13430.4	10964.5	4599.1	1858.0	951.9	596.4	527.6	516.1	481.7	458.8	447.3
72.5°	11274.2	8968.9	3796.3	1720.4	906.1	539.1	481.7	458.8	447.3	412.9	401.4
75°	8636.3	6904.4	3039.3	1525.4	791.4	481.7	424.4	401.4	390.0	367.0	355.5
77.5°	6067.2	5138.2	2248.0	1238.7	665.2	435.8	378.5	355.5	344.1	309.7	309.7
80°	4117.4	3601.3	1525.4	860.2	516.1	355.5	332.6	309.7	286.7	263.8	263.8
82.5°	2557.6	2523.2	1101.0	562.0	378.5	286.7	263.8	263.8	229.4	206.4	206.4
85°	1169.9	1548.3	768.4	390.0	286.7	217.9	217.9	206.4	183.5	149.1	149.1
87.5°	367.0	516.1	401.4	172.0	160.6	126.2	126.2	114.7	114.7	91.8	91.8
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8
2.5°	7237.0	7225.6	7225.6	7179.7	7294.4	7294.4	7363.2	7305.9	7340.3	7351.7	7443.5
5°	5746.1	5837.8	5906.6	6044.2	6124.5	6158.9	6158.9	6250.7	6216.3	6285.1	6422.7
7.5°	4209.2	4323.9	4530.3	4702.4	4840.0	4885.9	4874.4	4897.3	4931.7	4851.5	4874.4
10°	3406.3	3326.1	3394.9	3555.4	3681.6	3830.7	3716.0	3704.5	3738.9	3704.5	3773.4
12.5°	2844.4	2752.6	2695.3	2695.3	2787.0	2855.8	2821.4	2878.8	3004.9	3039.3	3119.6
15°	2305.3	2225.0	2179.1	2121.8	2213.5	2236.5	2270.9	2351.2	2442.9	2488.8	2580.6
17.5°	1846.5	1846.5	1846.5	1800.7	1835.1	1869.5	1880.9	1984.2	1995.6	2041.5	2075.9
20°	1513.9	1548.3	1605.7	1628.6	1663.0	1663.0	1640.1	1697.4	1651.6	1686.0	1708.9
22.5°	1364.8	1410.7	1433.6	1445.1	1491.0	1502.5	1445.1	1456.6	1468.1	1433.6	1445.1
25°	1284.5	1307.5	1284.5	1296.0	1307.5	1284.5	1296.0	1319.0	1307.5	1330.4	1319.0
27.5°	1250.1	1227.2	1215.7	1204.3	1204.3	1181.3	1192.8	1192.8	1215.7	1227.2	1227.2
30°	1250.1	1215.7	1169.9	1135.4	1135.4	1101.0	1124.0	1146.9	1158.4	1181.3	1181.3
32.5°	1284.5	1215.7	1135.4	1101.0	1066.6	1043.7	1066.6	1101.0	1146.9	1158.4	1169.9
35°	1020.8	1055.2	1043.7	997.8	986.3	986.3	974.9	974.9	940.5	940.5	929.0
37.5°	917.5	906.1	929.0	940.5	951.9	917.5	917.5	871.7	860.2	871.7	871.7
40°	860.2	860.2	860.2	894.6	906.1	883.1	848.7	825.8	825.8	825.8	837.2
42.5°	837.2	814.3	802.8	825.8	860.2	837.2	802.8	791.4	791.4	802.8	802.8
45°	802.8	791.4	779.9	768.4	814.3	779.9	768.4	757.0	757.0	757.0	768.4
47.5°	768.4	757.0	734.0	734.0	745.5	734.0	722.6	722.6	722.6	745.5	745.5
50°	745.5	734.0	711.1	711.1	711.1	711.1	699.6	699.6	699.6	711.1	722.6
52.5°	711.1	699.6	688.1	676.7	676.7	676.7	676.7	676.7	676.7	688.1	699.6
55°	676.7	665.2	653.7	653.7	665.2	665.2	653.7	665.2	653.7	665.2	676.7
57.5°	642.3	630.8	619.3	630.8	642.3	630.8	630.8	630.8	630.8	630.8	642.3
60°	596.4	596.4	596.4	596.4	619.3	619.3	619.3	619.3	596.4	607.9	619.3
62.5°	573.5	562.0	562.0	573.5	584.9	584.9	596.4	584.9	573.5	584.9	584.9
65°	527.6	527.6	527.6	539.1	539.1	550.5	550.5	550.5	539.1	550.5	550.5
67.5°	493.2	493.2	493.2	493.2	516.1	516.1	516.1	516.1	504.6	504.6	516.1
70°	435.8	447.3	435.8	458.8	481.7	470.2	481.7	481.7	470.2	458.8	481.7
72.5°	401.4	401.4	401.4	401.4	435.8	435.8	435.8	447.3	435.8	424.4	435.8
75°	355.5	355.5	355.5	367.0	390.0	390.0	390.0	390.0	390.0	378.5	378.5
77.5°	309.7	321.1	309.7	321.1	344.1	332.6	344.1	355.5	344.1	332.6	332.6
80°	263.8	263.8	263.8	275.3	286.7	286.7	286.7	298.2	286.7	275.3	275.3
82.5°	206.4	206.4	217.9	217.9	229.4	229.4	229.4	240.9	229.4	217.9	217.9
85°	160.6	160.6	160.6	172.0	172.0	183.5	183.5	195.0	195.0	183.5	183.5
87.5°	103.2	91.8	103.2	103.2	114.7	114.7	103.2	91.8	103.2	91.8	80.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P598917
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8	8257.8
2.5°	7535.2	7741.7	7890.8	7994.0	8143.1	8429.8	8544.5	8751.0	8808.3	8842.7
5°	6480.1	6698.0	7019.1	7248.5	7512.3	8051.4	8464.2	8773.9	8911.5	9037.7
7.5°	5080.8	5367.6	5700.2	5998.4	6434.2	7099.4	7638.5	8280.7	8521.6	8647.7
10°	3968.3	4232.1	4599.1	4966.1	5574.0	6136.0	6904.4	7489.4	7822.0	7913.7
12.5°	3349.0	3658.7	4094.5	4541.8	4920.3	5562.5	6342.4	7191.2	7500.8	7558.2
15°	2844.4	3268.7	3716.0	4174.8	4610.6	5172.6	6009.8	7042.1	7500.8	7558.2
17.5°	2351.2	2729.7	3257.2	3750.4	4255.1	5023.5	6067.2	7168.2	7627.0	7799.0
20°	1869.5	2236.5	2649.4	3268.7	3956.9	4771.2	6193.3	7592.6	8200.5	8384.0
22.5°	1548.3	1708.9	2110.3	2706.7	3521.0	4599.1	6319.5	8257.8	8900.1	8968.9
25°	1353.4	1468.1	1720.4	2282.4	3177.0	4484.4	6617.7	9026.2	9852.0	9852.0
27.5°	1261.6	1307.5	1479.5	1984.2	2936.1	4381.2	6915.9	9875.0	10643.4	10804.0
30°	1238.7	1353.4	1445.1	1766.3	2672.3	4094.5	7191.2	10540.2	11331.5	11343.0
32.5°	1215.7	1192.8	1261.6	1536.9	2351.2	3796.3	7420.5	11216.8	11836.2	11870.6
35°	951.9	997.8	1112.5	1353.4	2110.3	3578.4	7535.2	11583.9	12478.5	12512.9
37.5°	894.6	951.9	1043.7	1250.1	1949.8	3394.9	7569.6	12294.9	13155.1	13223.9
40°	871.7	917.5	986.3	1158.4	1823.6	3165.5	7638.5	13029.0	14152.9	14061.2
42.5°	825.8	883.1	951.9	1112.5	1720.4	2993.5	7649.9	13430.4	14680.5	14680.5
45°	814.3	848.7	929.0	1112.5	1605.7	2844.4	7466.4	13831.8	15288.4	15104.9
47.5°	768.4	837.2	906.1	1078.1	1468.1	2695.3	7248.5	14038.3	15368.7	15311.3
50°	757.0	825.8	940.5	1020.8	1387.8	2626.4	7202.6	14554.4	15529.2	15517.8
52.5°	734.0	802.8	974.9	974.9	1284.5	2534.7	7420.5	14783.8	15563.7	15655.4
55°	699.6	802.8	906.1	894.6	1192.8	2420.0	7661.4	15380.1	16171.5	16148.6
57.5°	676.7	779.9	860.2	814.3	1089.6	2339.7	8016.9	15953.6	16905.5	16745.0
60°	642.3	779.9	768.4	757.0	1009.3	2270.9	8315.1	16068.3	17066.1	17169.3
62.5°	619.3	814.3	676.7	699.6	940.5	2236.5	8189.0	15208.1	16848.2	16940.0
65°	596.4	699.6	619.3	642.3	917.5	2167.7	7695.8	14175.9	15907.7	16309.2
67.5°	550.5	573.5	573.5	596.4	894.6	2007.1	6686.5	12317.9	14474.1	14692.0
70°	504.6	516.1	516.1	550.5	871.7	1823.6	5516.7	10654.9	12558.7	12971.6
72.5°	458.8	458.8	458.8	504.6	802.8	1674.5	4541.8	8189.0	10436.9	10723.7
75°	401.4	401.4	401.4	447.3	722.6	1525.4	3578.4	6090.1	7684.3	8097.2
77.5°	355.5	355.5	344.1	401.4	630.8	1238.7	2580.6	4300.9	5413.4	5757.5
80°	298.2	286.7	286.7	321.1	493.2	894.6	1663.0	3039.3	3773.4	3922.5
82.5°	240.9	229.4	217.9	240.9	355.5	562.0	1032.2	2121.8	2420.0	2328.2
85°	229.4	240.9	195.0	183.5	252.3	367.0	653.7	1307.5	1089.6	1089.6
87.5°	91.8	80.3	80.3	68.8	126.2	137.6	286.7	240.9	183.5	183.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)