

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: P598655

Luminaire Tested: **IFLD-S-SA6A-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: P598655
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6A-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

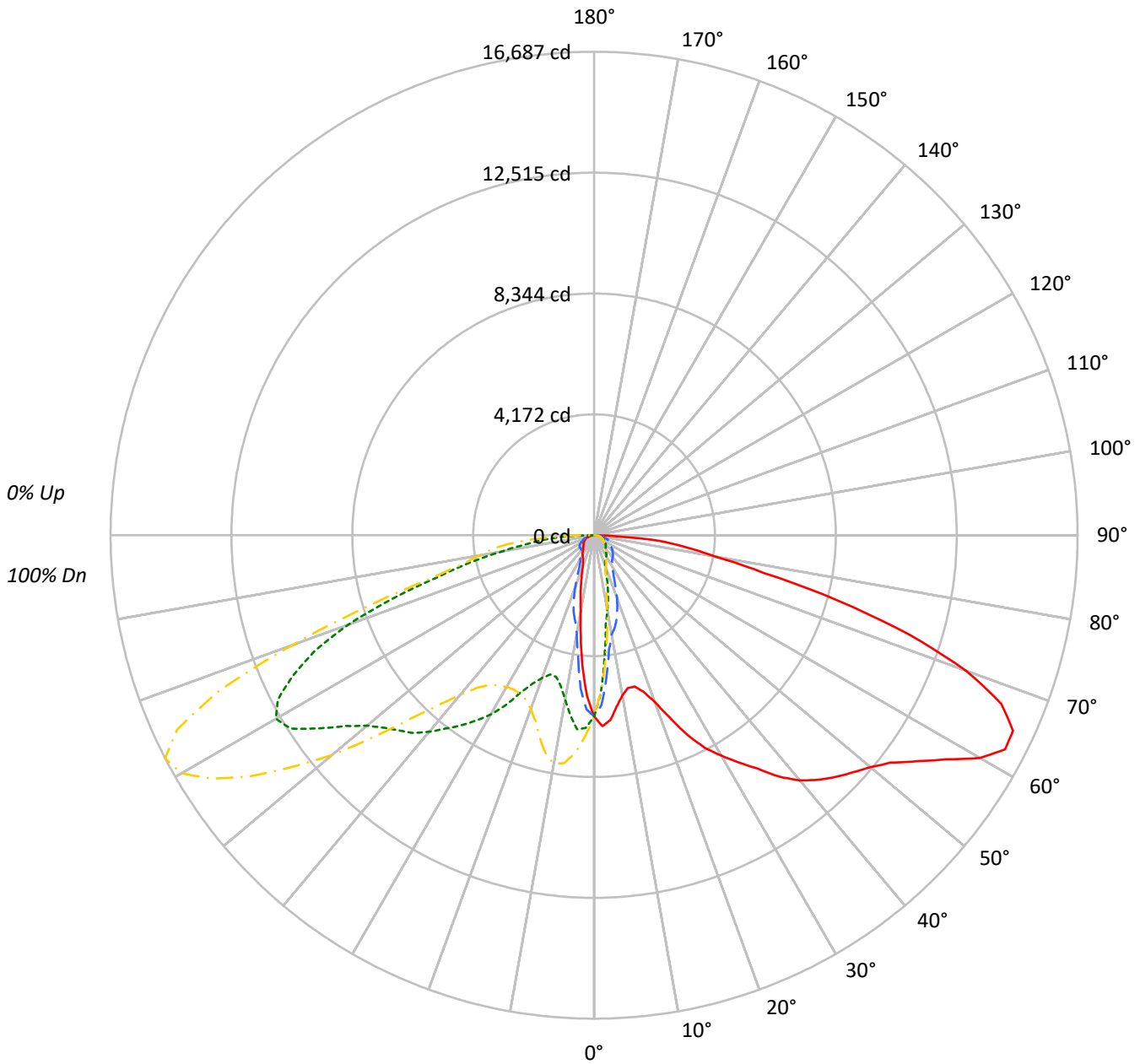
Lumens per Lamp: N/A
 Luminaire Lumens: 20904.7 lumens
 Efficiency: N/A
 Efficacy: 110.3 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 189.6
 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	102	102	102	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	85	82	79	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	70	65	61	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	59	53	48	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	51	44	39	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	45	38	32	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	40	33	27	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	36	29	23	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	32	26	20	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	30	23	18	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	28	21	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	44811	44811	44811	44811
5°	46116	29988	32760	48447
10°	40914	19055	19246	41870
15°	40154	13515	12800	37556
20°	46685	8549	8615	40006
25°	60038	7341	7132	47297
30°	72759	6957	6522	59208
35°	86117	6130	5899	70181
40°	103476	5817	5407	82911
45°	119733	5769	5237	96657
50°	139037	5859	5273	114139
55°	170148	6018	5362	145419
60°	220666	6025	5649	181880
65°	270871	6089	5792	194690
70°	286626	6422	6055	189555
75°	241275	6790	6061	154707
80°	175291	7951	6145	133726
85°	185788	11519	5039	138981

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	483.3	2.3
10°-20°	1011.4	4.8
20°-30°	1457.6	7.0
30°-40°	2098.3	10.0
40°-50°	2980.6	14.3
50°-60°	4285.2	20.5
60°-70°	4950.8	23.7
70°-80°	2803.2	13.4
80°-90°	834.3	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°	2952.3	14.1
0°-40°	5050.7	24.2
0°-60°	12316.4	58.9
0°-90°	20904.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	20904.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6245	6245	6245	6245	6245	
5°	6402	4163	4548	6726	6402	581
15°	5405	1819	1723	5055	5405	1589
25°	7583	927	901	5974	7583	3520
35°	9830	700	673	8011	9830	6239
45°	11798	568	516	9524	11798	9136
55°	13600	481	429	11623	13600	12317
65°	15953	359	341	11466	15953	15297
75°	8702	245	219	5580	8702	9233
85°	2256	140	61	1688	2256	2247
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°	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6
2.5°	6594.5	6585.7	6533.2	6367.1	6192.1	6026.0	5868.5	5702.4	5614.9	5510.0	5466.2
5°	6402.0	6384.6	6235.9	5868.5	5544.9	5195.1	4897.7	4661.6	4469.2	4276.8	4206.8
7.5°	5964.7	5938.5	5763.6	5256.3	4784.0	4329.3	3970.7	3664.6	3410.9	3297.2	3166.0
10°	5614.9	5571.2	5343.8	4784.0	4171.8	3717.0	3480.9	3271.0	3052.3	2868.7	2676.3
12.5°	5396.3	5343.8	5107.6	4451.7	3857.0	3515.9	3271.0	3034.8	2763.7	2536.3	2326.4
15°	5405.0	5343.8	5055.2	4364.2	3778.3	3341.0	2999.9	2676.3	2361.4	2107.8	1871.6
17.5°	5658.6	5579.9	5273.8	4486.7	3717.0	3113.6	2658.8	2239.0	1880.4	1609.3	1416.8
20°	6113.4	6061.0	5711.1	4670.3	3655.8	2868.7	2308.9	1801.7	1425.6	1215.7	1137.0
22.5°	6795.6	6734.4	6358.3	4950.2	3638.3	2650.0	1932.9	1416.8	1145.7	1058.3	1014.5
25°	7582.7	7469.1	7119.2	5422.5	3673.3	2448.9	1626.7	1172.0	1023.3	962.1	935.8
27.5°	8264.9	8195.0	7801.4	5868.5	3690.8	2291.4	1416.8	1067.0	953.3	900.8	883.3
30°	8780.9	8754.7	8369.9	6358.3	3647.1	2099.0	1285.7	1023.3	953.3	900.8	848.4
32.5°	9297.0	9305.7	8894.6	6734.4	3585.8	1932.9	1163.2	909.6	839.6	804.6	813.4
35°	9830.5	9874.2	9524.4	7101.7	3454.7	1871.6	1075.8	848.4	787.1	734.7	708.4
37.5°	10503.9	10617.6	10276.5	7512.8	3323.5	1819.2	1032.0	804.6	743.4	699.7	664.7
40°	11046.2	11256.1	11054.9	7897.6	3236.0	1757.9	997.0	760.9	717.2	664.7	638.5
42.5°	11448.5	11693.4	11623.4	8195.0	3236.0	1696.7	962.1	734.7	699.7	638.5	603.5
45°	11798.3	12051.9	12043.2	8501.1	3306.0	1661.7	918.3	734.7	682.2	621.0	586.0
47.5°	12113.2	12366.8	12454.3	8885.9	3419.7	1644.2	865.9	717.2	682.2	612.2	559.7
50°	12454.3	12734.1	12996.5	9498.1	3559.6	1600.5	830.9	690.9	690.9	603.5	542.2
52.5°	12891.5	13206.4	13687.4	10259.0	3699.5	1521.8	778.4	673.4	690.9	594.7	524.8
55°	13600.0	13862.4	14492.1	11168.6	3874.5	1425.6	734.7	629.7	655.9	568.5	498.5
57.5°	14395.9	14623.2	15148.0	11868.3	3926.9	1303.1	673.4	586.0	629.7	542.2	463.5
60°	15375.4	15489.1	15489.1	12069.4	3752.0	1189.5	629.7	551.0	568.5	516.0	437.3
62.5°	15996.4	15996.4	15489.1	11702.1	3419.7	1093.2	594.7	516.0	498.5	481.0	411.1
65°	15952.6	15882.7	15130.5	10635.1	3034.8	1032.0	559.7	472.3	446.0	437.3	384.8
67.5°	15218.0	15095.5	14072.3	9130.8	2632.5	1005.8	524.8	428.6	411.1	393.6	349.8
70°	13661.2	13346.3	12086.9	7346.6	2239.0	988.3	516.0	393.6	376.1	358.6	323.6
72.5°	11404.7	11002.4	9436.9	5649.9	1880.4	927.1	489.8	349.8	341.1	323.6	288.6
75°	8702.2	7958.8	6585.7	4320.5	1460.6	804.6	419.8	306.1	306.1	297.4	262.4
77.5°	5999.7	5614.9	4591.6	3192.3	1067.0	621.0	341.1	271.1	271.1	279.9	244.9
80°	4241.8	3883.2	3271.0	2291.4	673.4	419.8	262.4	227.4	253.6	271.1	227.4
82.5°	3244.8	2982.4	2431.4	1670.5	393.6	288.6	201.2	183.7	218.6	236.1	192.4
85°	2256.5	1941.6	1233.2	1119.5	227.4	174.9	148.7	148.7	192.4	236.1	174.9
87.5°	638.5	271.1	78.7	332.3	96.2	70.0	52.5	35.0	52.5	52.5	35.0
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°	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6
2.5°	5422.5	5370.0	5370.0	5352.5	5361.3	5370.0	5361.3	5422.5	5448.7	5483.7	5553.7
5°	4163.1	4233.0	4180.6	4233.0	4303.0	4408.0	4434.2	4512.9	4521.7	4582.9	4547.9
7.5°	3087.3	3078.6	3034.8	3096.1	3288.5	3437.2	3507.1	3550.9	3559.6	3559.6	3515.9
10°	2615.0	2536.3	2457.6	2413.9	2431.4	2588.8	2641.3	2667.5	2650.0	2676.3	2641.3
12.5°	2239.0	2169.0	2055.3	1976.6	1924.1	1967.8	2020.3	2046.6	2064.0	2107.8	2142.8
15°	1819.2	1749.2	1679.2	1635.5	1591.8	1556.8	1600.5	1626.7	1670.5	1705.5	1723.0
17.5°	1381.9	1346.9	1311.9	1338.1	1338.1	1320.6	1338.1	1346.9	1364.4	1390.6	1381.9
20°	1119.5	1110.7	1102.0	1145.7	1180.7	1180.7	1198.2	1172.0	1163.2	1137.0	1128.2
22.5°	997.0	997.0	1005.8	1040.8	1075.8	1093.2	1093.2	1049.5	1005.8	988.3	997.0
25°	927.1	927.1	953.3	962.1	979.5	979.5	988.3	944.6	918.3	892.1	900.8
27.5°	874.6	874.6	883.3	883.3	892.1	892.1	900.8	883.3	848.4	839.6	839.6
30°	839.6	839.6	830.9	830.9	830.9	830.9	839.6	813.4	795.9	787.1	787.1
32.5°	804.6	795.9	787.1	787.1	778.4	778.4	787.1	760.9	752.2	752.2	752.2
35°	699.7	690.9	699.7	717.2	717.2	725.9	725.9	717.2	699.7	682.2	673.4
37.5°	655.9	647.2	647.2	647.2	664.7	673.4	682.2	664.7	638.5	612.2	612.2
40°	621.0	621.0	612.2	612.2	612.2	629.7	647.2	621.0	586.0	577.2	577.2
42.5°	594.7	586.0	577.2	568.5	559.7	586.0	603.5	568.5	551.0	551.0	551.0
45°	568.5	559.7	551.0	542.2	533.5	542.2	559.7	524.8	516.0	516.0	516.0
47.5°	542.2	533.5	516.0	507.3	498.5	498.5	516.0	489.8	481.0	489.8	489.8
50°	524.8	507.3	489.8	481.0	472.3	472.3	472.3	463.5	463.5	463.5	472.3
52.5°	507.3	489.8	463.5	454.8	446.0	446.0	446.0	446.0	437.3	446.0	454.8
55°	481.0	463.5	446.0	437.3	428.6	419.8	428.6	419.8	419.8	428.6	428.6
57.5°	446.0	428.6	411.1	411.1	402.3	402.3	411.1	402.3	402.3	411.1	411.1
60°	419.8	402.3	384.8	384.8	376.1	384.8	393.6	384.8	384.8	384.8	393.6
62.5°	384.8	376.1	358.6	358.6	358.6	358.6	367.3	358.6	367.3	367.3	367.3
65°	358.6	341.1	332.3	332.3	332.3	332.3	349.8	332.3	341.1	341.1	341.1
67.5°	332.3	314.9	306.1	306.1	306.1	306.1	323.6	306.1	314.9	323.6	314.9
70°	306.1	288.6	279.9	279.9	279.9	279.9	288.6	279.9	279.9	288.6	288.6
72.5°	271.1	262.4	253.6	253.6	244.9	253.6	262.4	253.6	253.6	253.6	253.6
75°	244.9	236.1	236.1	227.4	227.4	227.4	236.1	218.6	218.6	218.6	218.6
77.5°	227.4	209.9	209.9	209.9	201.2	209.9	201.2	183.7	183.7	183.7	183.7
80°	192.4	174.9	183.7	183.7	174.9	174.9	166.2	148.7	148.7	148.7	148.7
82.5°	157.4	139.9	148.7	148.7	148.7	148.7	131.2	122.4	113.7	105.0	105.0
85°	139.9	113.7	131.2	131.2	122.4	122.4	87.5	87.5	70.0	70.0	61.2
87.5°	26.2	17.5	35.0	43.7	43.7	52.5	35.0	43.7	26.2	17.5	17.5
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°	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6
2.5°	5544.9	5641.1	5772.3	5868.5	6017.2	6130.9	6305.8	6454.5	6594.5	6655.7	6716.9
5°	4652.9	4714.1	4915.2	5072.7	5308.8	5562.4	5877.3	6218.4	6568.2	6725.6	6909.3
7.5°	3480.9	3594.6	3708.3	3935.7	4224.3	4635.4	5037.7	5544.9	6034.7	6270.9	6585.7
10°	2702.5	2790.0	2921.2	3157.3	3428.4	3769.5	4250.5	4854.0	5440.0	5746.1	6069.7
12.5°	2169.0	2291.4	2466.4	2711.2	3026.1	3375.9	3725.8	4285.5	4967.7	5317.5	5684.9
15°	1757.9	1854.1	2046.6	2352.7	2720.0	3078.6	3445.9	3909.4	4652.9	5055.2	5492.5
17.5°	1399.4	1469.3	1644.2	1950.3	2317.7	2720.0	3139.8	3725.8	4547.9	5037.7	5553.7
20°	1137.0	1189.5	1303.1	1530.5	1880.4	2317.7	2842.4	3550.9	4609.1	5238.8	5868.5
22.5°	997.0	1014.5	1067.0	1189.5	1478.1	1941.6	2571.3	3402.2	4722.8	5536.2	6384.6
25°	900.8	918.3	935.8	1014.5	1180.7	1618.0	2335.2	3314.7	4967.7	5973.5	6979.3
27.5°	839.6	857.1	865.9	900.8	1014.5	1381.9	2134.0	3262.2	5300.1	6611.9	7713.9
30°	787.1	787.1	813.4	865.9	944.6	1215.7	1959.1	3139.8	5649.9	7145.5	8291.2
32.5°	743.4	752.2	787.1	813.4	865.9	1075.8	1784.2	2982.4	5964.7	7582.7	8859.7
35°	664.7	664.7	673.4	717.2	787.1	962.1	1626.7	2824.9	6139.7	8011.3	9366.9
37.5°	612.2	621.0	638.5	673.4	734.7	883.3	1495.6	2650.0	6323.3	8413.6	9961.7
40°	577.2	586.0	603.5	638.5	699.7	813.4	1381.9	2510.1	6515.7	8850.9	10600.1
42.5°	551.0	559.7	577.2	612.2	664.7	795.9	1259.4	2396.4	6629.4	9253.2	11203.6
45°	524.8	533.5	559.7	594.7	638.5	778.4	1189.5	2317.7	6673.2	9524.4	11684.6
47.5°	498.5	507.3	533.5	586.0	638.5	752.2	1163.2	2274.0	6708.2	9830.5	12069.4
50°	472.3	489.8	524.8	577.2	647.2	717.2	1145.7	2265.2	6909.3	10224.0	12436.8
52.5°	454.8	481.0	516.0	577.2	638.5	664.7	1137.0	2291.4	7311.6	10810.0	12961.5
55°	437.3	463.5	498.5	577.2	612.2	621.0	1093.2	2335.2	7923.8	11623.4	13704.9
57.5°	419.8	437.3	481.0	559.7	577.2	586.0	1005.8	2396.4	8536.1	12419.3	14465.8
60°	393.6	411.1	454.8	559.7	524.8	551.0	892.1	2413.9	8973.4	12672.9	14535.8
62.5°	367.3	384.8	428.6	577.2	481.0	516.0	795.9	2352.7	9060.8	12305.6	14142.2
65°	341.1	358.6	393.6	481.0	446.0	481.0	734.7	2186.5	8772.2	11466.0	13425.1
67.5°	314.9	332.3	358.6	393.6	402.3	437.3	708.4	1924.1	8046.3	10425.2	12445.5
70°	279.9	297.4	323.6	349.8	358.6	411.1	664.7	1670.5	6874.3	9034.6	11247.3
72.5°	253.6	262.4	288.6	306.1	323.6	376.1	638.5	1460.6	5256.3	7311.6	9174.5
75°	218.6	218.6	244.9	262.4	279.9	332.3	586.0	1215.7	3708.3	5579.9	6743.1
77.5°	183.7	183.7	201.2	218.6	236.1	288.6	498.5	988.3	2571.3	4425.5	4889.0
80°	139.9	139.9	157.4	174.9	192.4	244.9	402.3	725.9	1591.8	3236.0	3559.6
82.5°	96.2	96.2	122.4	131.2	139.9	192.4	306.1	498.5	935.8	2335.2	2545.1
85°	52.5	52.5	70.0	78.7	96.2	139.9	227.4	349.8	559.7	1688.0	1696.7
87.5°	8.7	8.7	26.2	26.2	43.7	70.0	131.2	192.4	314.9	935.8	594.7
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: P598655
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6	6244.6
2.5°	6830.6	6926.8	6935.5	6935.5	6891.8	6900.6	6778.1	6646.9	6603.2	6594.5
5°	7189.2	7442.8	7512.8	7547.8	7434.1	7259.1	6944.3	6603.2	6428.3	6402.0
7.5°	7119.2	7626.5	7897.6	7932.6	7705.2	7294.1	6743.1	6218.4	6017.2	5964.7
10°	6708.2	7390.3	7880.1	8002.6	7757.7	7232.9	6515.7	5903.5	5658.6	5614.9
12.5°	6419.5	7075.5	7556.5	7722.7	7609.0	7154.2	6402.0	5702.4	5457.5	5396.3
15°	6262.1	6865.6	7180.4	7232.9	7224.2	7031.8	6402.0	5746.1	5475.0	5405.0
17.5°	6393.3	6804.4	6848.1	6725.6	6795.6	6891.8	6542.0	5982.2	5719.9	5658.6
20°	6655.7	6778.1	6568.2	6384.6	6419.5	6725.6	6760.6	6428.3	6218.4	6113.4
22.5°	7206.7	6874.3	6393.3	6139.7	6165.9	6594.5	7049.2	7031.8	6848.1	6795.6
25°	7766.4	7145.5	6340.8	6043.5	6078.4	6568.2	7390.3	7705.2	7609.0	7582.7
27.5°	8387.4	7600.2	6375.8	5999.7	6043.5	6603.2	7626.5	8273.7	8291.2	8264.9
30°	8807.2	7818.9	6480.8	6052.2	6113.4	6690.7	7679.0	8614.8	8772.2	8780.9
32.5°	9157.0	8037.5	6699.4	6139.7	6244.6	6848.1	7818.9	8938.4	9288.2	9297.0
35°	9436.9	8282.4	6970.5	6297.1	6454.5	7110.5	8002.6	9244.5	9769.2	9830.5
37.5°	9795.5	8553.6	7285.4	6638.2	6813.1	7486.5	8326.2	9603.1	10337.7	10503.9
40°	10180.3	8824.7	7740.2	7189.2	7442.8	8046.3	8693.5	10005.4	10818.8	11046.2
42.5°	10608.9	9113.3	8256.2	7932.6	8317.4	8754.7	9113.3	10372.7	11186.1	11448.5
45°	11028.7	9463.1	9008.3	8947.1	9375.7	9594.3	9524.4	10635.1	11535.9	11798.3
47.5°	11326.0	9970.4	9917.9	10285.3	10687.6	10573.9	10005.4	10827.5	11824.5	12113.2
50°	11597.1	10600.1	11063.6	11780.8	12025.7	11640.9	10521.4	11089.9	12130.6	12454.3
52.5°	11999.5	11273.5	12244.3	13136.4	13372.6	12760.4	11081.1	11518.4	12602.9	12891.5
55°	12821.6	12034.4	13477.5	14500.8	14544.5	13783.6	11833.3	12244.3	13267.6	13600.0
57.5°	13739.9	12970.3	14457.1	15629.0	15611.5	14806.9	12681.6	13223.9	14168.5	14395.9
60°	14570.8	13914.8	15524.1	16433.7	16389.9	15550.3	13669.9	14334.6	15200.5	15375.4
62.5°	15060.5	14771.9	15996.4	16687.3	16521.1	15795.2	14509.6	15322.9	15935.1	15996.4
65°	14981.8	15261.7	15445.4	15873.9	15637.8	15113.0	14920.6	15952.6	16013.9	15952.6
67.5°	14387.1	14981.8	13932.3	13976.0	13853.6	13407.6	14282.2	15786.5	15366.7	15218.0
70°	13486.3	13530.0	11649.6	11098.6	11291.0	10678.8	12253.1	14492.1	13844.9	13661.2
72.5°	11990.7	11448.5	8807.2	8247.4	8536.1	8098.8	9830.5	12629.2	11999.5	11404.7
75°	10057.9	9069.6	6708.2	5912.3	6061.0	6043.5	7617.7	10433.9	9297.0	8702.2
77.5°	7792.7	7066.7	4950.2	4644.1	4486.7	4521.7	5317.5	7757.7	6743.1	5999.7
80°	5693.6	4941.5	3830.7	4005.7	3918.2	3708.3	3725.8	5195.1	4687.8	4241.8
82.5°	3935.7	3515.9	3104.8	3507.1	3297.2	2973.6	2903.7	3743.3	3515.9	3244.8
85°	2641.3	2894.9	2466.4	2685.0	2326.4	2142.8	2728.7	3131.1	2527.6	2256.5
87.5°	1723.0	2650.0	1775.4	1346.9	769.6	1032.0	1670.5	2055.3	1180.7	638.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)