

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: P598694

Luminaire Tested: **IFLD-L-SA7A-735-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598694
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7A-735-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (112) 3500K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

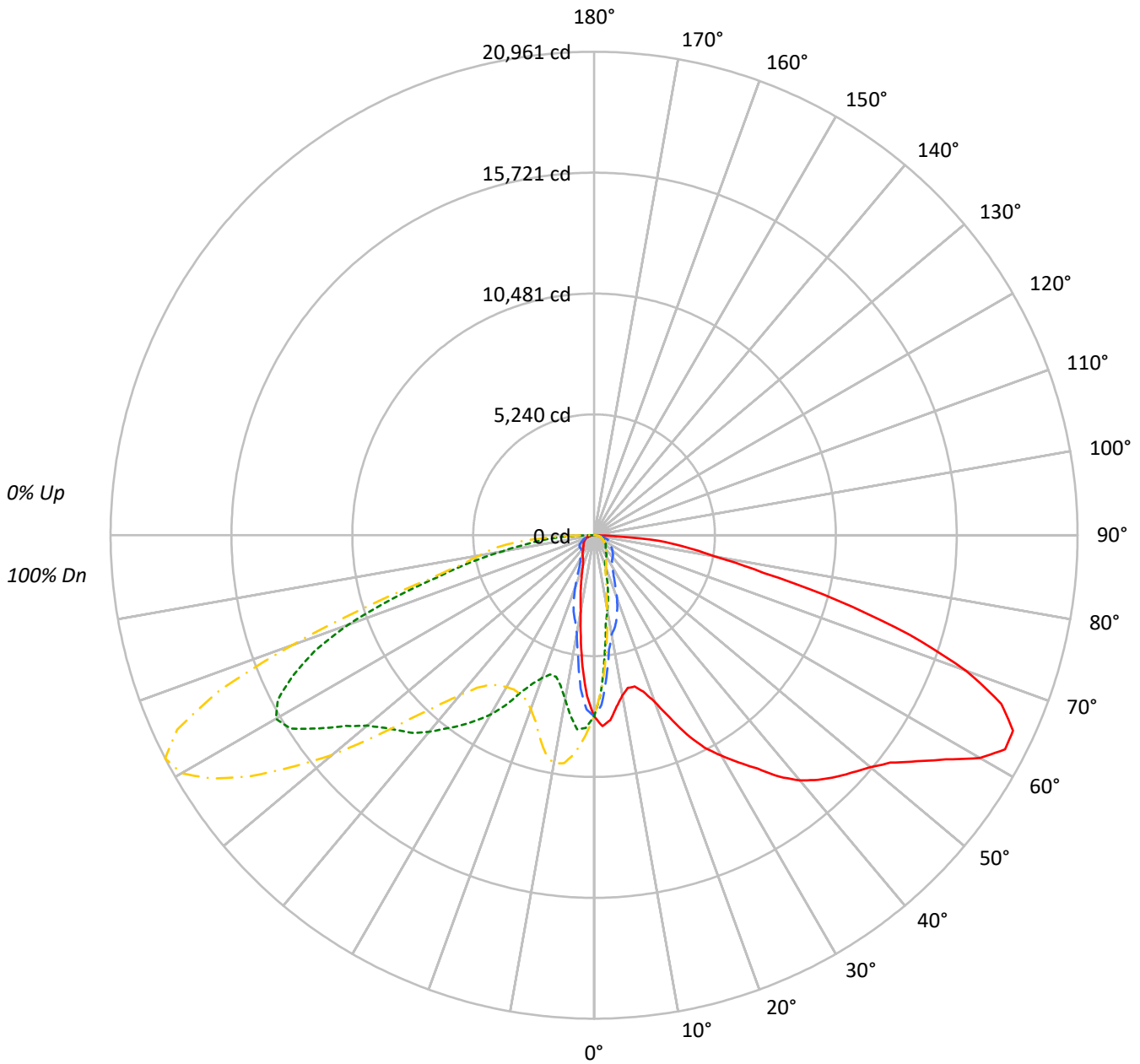
Lumens per Lamp: N/A
 Luminaire Lumens: 26258.8 lumens
 Efficiency: N/A
 Efficacy: 120.7 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 217.6
 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	100	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77	77	77	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59	59	59	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46	46	46	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36	36	36	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30	30	30	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25	25	25	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21	21	21	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18	18	18	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16	16	16	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14	14	14	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	42216	42216	42216	42216
5°	43445	28251	30863	45642
10°	38545	17951	18132	39445
15°	37829	12732	12059	35380
20°	43982	8054	8117	37689
25°	56561	6915	6720	44558
30°	68546	6554	6144	55779
35°	81130	5775	5558	66117
40°	97483	5480	5094	78110
45°	112799	5435	4934	91059
50°	130985	5519	4967	107529
55°	160294	5669	5051	136998
60°	207887	5676	5322	171348
65°	255185	5736	5457	183414
70°	270028	6050	5704	178578
75°	227302	6396	5710	145749
80°	165139	7491	5790	125982
85°	175027	10856	4749	130931

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	607.1	2.3
10°-20°	1270.5	4.8
20°-30°	1830.9	7.0
30°-40°	2635.8	10.0
40°-50°	3743.9	14.3
50°-60°	5382.7	20.5
60°-70°	6218.8	23.7
70°-80°	3521.2	13.4
80°-90°	1047.9	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°	3708.5	14.1
0°-40°	6344.2	24.2
0°-60°	15470.9	58.9
0°-90°	26258.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	26258.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7844	7844	7844	7844	7844	
5°	8042	5229	5713	8448	8042	730
15°	6789	2285	2164	6350	6789	1996
25°	9525	1164	1132	7503	9525	4421
35°	12348	879	846	10063	12348	7837
45°	14820	714	648	11964	14820	11475
55°	17083	604	538	14600	17083	15471
65°	20038	450	428	14403	20038	19215
75°	10931	308	275	7009	10931	11598
85°	2834	176	77	2120	2834	2823
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°	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0
2.5°	8283.4	8272.4	8206.5	7997.8	7778.1	7569.3	7371.6	7162.9	7053.0	6921.2	6866.2
5°	8041.7	8019.8	7833.0	7371.6	6965.1	6525.7	6152.1	5855.5	5613.8	5372.1	5284.3
7.5°	7492.4	7459.5	7239.8	6602.6	6009.3	5438.1	4987.6	4603.1	4284.5	4141.7	3976.9
10°	7053.0	6998.1	6712.4	6009.3	5240.3	4669.0	4372.4	4108.8	3834.1	3603.4	3361.7
12.5°	6778.3	6712.4	6415.8	5591.9	4844.8	4416.4	4108.8	3812.1	3471.6	3185.9	2922.3
15°	6789.3	6712.4	6349.9	5482.0	4745.9	4196.6	3768.2	3361.7	2966.2	2647.6	2351.0
17.5°	7107.9	7009.1	6624.5	5635.8	4669.0	3911.0	3339.7	2812.4	2362.0	2021.4	1779.7
20°	7679.2	7613.3	7173.8	5866.5	4592.1	3603.4	2900.3	2263.1	1790.7	1527.1	1428.2
22.5°	8536.1	8459.2	7986.8	6218.1	4570.2	3328.8	2427.9	1779.7	1439.2	1329.3	1274.4
25°	9524.8	9382.0	8942.6	6811.3	4614.1	3076.1	2043.4	1472.1	1285.4	1208.5	1175.5
27.5°	10381.7	10293.9	9799.5	7371.6	4636.1	2878.3	1779.7	1340.3	1197.5	1131.6	1109.6
30°	11029.9	10997.0	10513.6	7986.8	4581.2	2636.6	1614.9	1285.4	1197.5	1131.6	1065.6
32.5°	11678.1	11689.1	11172.7	8459.2	4504.3	2427.9	1461.1	1142.5	1054.7	1010.7	1021.7
35°	12348.2	12403.2	11963.7	8920.6	4339.5	2351.0	1351.3	1065.6	988.7	922.8	889.9
37.5°	13194.2	13337.0	12908.5	9437.0	4174.7	2285.1	1296.3	1010.7	933.8	878.9	834.9
40°	13875.3	14139.0	13886.3	9920.3	4064.8	2208.2	1252.4	955.8	900.9	834.9	802.0
42.5°	14380.6	14688.3	14600.4	10293.9	4064.8	2131.3	1208.5	922.8	878.9	802.0	758.0
45°	14820.1	15138.7	15127.7	10678.4	4152.7	2087.3	1153.5	922.8	856.9	780.0	736.1
47.5°	15215.6	15534.2	15644.0	11161.8	4295.5	2065.4	1087.6	900.9	856.9	769.0	703.1
50°	15644.0	15995.6	16325.2	11930.8	4471.3	2010.4	1043.7	867.9	867.9	758.0	681.1
52.5°	16193.3	16588.8	17193.1	12886.5	4647.1	1911.6	977.8	845.9	867.9	747.0	659.2
55°	17083.2	17412.8	18203.8	14029.1	4866.8	1790.7	922.8	791.0	823.9	714.1	626.2
57.5°	18082.9	18368.6	19027.7	14908.0	4932.7	1636.9	845.9	736.1	791.0	681.1	582.3
60°	19313.3	19456.2	19456.2	15160.6	4713.0	1494.1	791.0	692.1	714.1	648.2	549.3
62.5°	20093.4	20093.4	19456.2	14699.2	4295.5	1373.2	747.0	648.2	626.2	604.2	516.3
65°	20038.4	19950.5	19005.7	13358.9	3812.1	1296.3	703.1	593.2	560.3	549.3	483.4
67.5°	19115.6	18961.8	17676.4	11469.4	3306.8	1263.4	659.2	538.3	516.3	494.4	439.4
70°	17160.1	16764.6	15182.6	9228.2	2812.4	1241.4	648.2	494.4	472.4	450.4	406.5
72.5°	14325.7	13820.4	11853.9	7096.9	2362.0	1164.5	615.2	439.4	428.5	406.5	362.5
75°	10931.0	9997.2	8272.4	5427.1	1834.7	1010.7	527.3	384.5	384.5	373.5	329.6
77.5°	7536.4	7053.0	5767.6	4009.9	1340.3	780.0	428.5	340.6	340.6	351.6	307.6
80°	5328.2	4877.8	4108.8	2878.3	845.9	527.3	329.6	285.6	318.6	340.6	285.6
82.5°	4075.8	3746.2	3054.1	2098.3	494.4	362.5	252.7	230.7	274.6	296.6	241.7
85°	2834.4	2438.9	1549.0	1406.2	285.6	219.7	186.8	186.8	241.7	296.6	219.7
87.5°	802.0	340.6	98.9	417.5	120.8	87.9	65.9	43.9	65.9	65.9	43.9
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0
2.5°	6811.3	6745.4	6745.4	6723.4	6734.4	6745.4	6734.4	6811.3	6844.3	6888.2	6976.1
5°	5229.3	5317.2	5251.3	5317.2	5405.1	5536.9	5569.9	5668.8	5679.7	5756.7	5712.7
7.5°	3878.0	3867.1	3812.1	3889.0	4130.7	4317.5	4405.4	4460.3	4471.3	4471.3	4416.4
10°	3284.8	3185.9	3087.1	3032.1	3054.1	3251.8	3317.8	3350.7	3328.8	3361.7	3317.8
12.5°	2812.4	2724.5	2581.7	2482.8	2416.9	2471.8	2537.8	2570.7	2592.7	2647.6	2691.6
15°	2285.1	2197.2	2109.3	2054.4	1999.4	1955.5	2010.4	2043.4	2098.3	2142.3	2164.2
17.5°	1735.8	1691.8	1647.9	1680.9	1680.9	1658.9	1680.9	1691.8	1713.8	1746.8	1735.8
20°	1406.2	1395.2	1384.2	1439.2	1483.1	1483.1	1505.1	1472.1	1461.1	1428.2	1417.2
22.5°	1252.4	1252.4	1263.4	1307.3	1351.3	1373.2	1373.2	1318.3	1263.4	1241.4	1252.4
25°	1164.5	1164.5	1197.5	1208.5	1230.4	1230.4	1241.4	1186.5	1153.5	1120.6	1131.6
27.5°	1098.6	1098.6	1109.6	1109.6	1120.6	1120.6	1131.6	1109.6	1065.6	1054.7	1054.7
30°	1054.7	1054.7	1043.7	1043.7	1043.7	1043.7	1054.7	1021.7	999.7	988.7	988.7
32.5°	1010.7	999.7	988.7	988.7	977.8	977.8	988.7	955.8	944.8	944.8	944.8
35°	878.9	867.9	878.9	900.9	900.9	911.8	911.8	900.9	878.9	856.9	845.9
37.5°	823.9	813.0	813.0	813.0	834.9	845.9	856.9	834.9	802.0	769.0	769.0
40°	780.0	780.0	769.0	769.0	769.0	791.0	813.0	780.0	736.1	725.1	725.1
42.5°	747.0	736.1	725.1	714.1	703.1	736.1	758.0	714.1	692.1	692.1	692.1
45°	714.1	703.1	692.1	681.1	670.1	681.1	703.1	659.2	648.2	648.2	648.2
47.5°	681.1	670.1	648.2	637.2	626.2	626.2	648.2	615.2	604.2	615.2	615.2
50°	659.2	637.2	615.2	604.2	593.2	593.2	593.2	582.3	582.3	582.3	593.2
52.5°	637.2	615.2	582.3	571.3	560.3	560.3	560.3	560.3	549.3	560.3	571.3
55°	604.2	582.3	560.3	549.3	538.3	527.3	538.3	527.3	527.3	538.3	538.3
57.5°	560.3	538.3	516.3	516.3	505.4	505.4	516.3	505.4	505.4	516.3	516.3
60°	527.3	505.4	483.4	483.4	472.4	483.4	494.4	483.4	483.4	483.4	494.4
62.5°	483.4	472.4	450.4	450.4	450.4	450.4	461.4	450.4	461.4	461.4	461.4
65°	450.4	428.5	417.5	417.5	417.5	417.5	439.4	417.5	428.5	428.5	428.5
67.5°	417.5	395.5	384.5	384.5	384.5	384.5	406.5	384.5	395.5	406.5	395.5
70°	384.5	362.5	351.6	351.6	351.6	351.6	362.5	351.6	351.6	362.5	362.5
72.5°	340.6	329.6	318.6	318.6	307.6	318.6	329.6	318.6	318.6	318.6	318.6
75°	307.6	296.6	296.6	285.6	285.6	285.6	296.6	274.6	274.6	274.6	274.6
77.5°	285.6	263.7	263.7	263.7	252.7	263.7	252.7	230.7	230.7	230.7	230.7
80°	241.7	219.7	230.7	230.7	219.7	219.7	208.7	186.8	186.8	186.8	186.8
82.5°	197.7	175.8	186.8	186.8	186.8	186.8	164.8	153.8	142.8	131.8	131.8
85°	175.8	142.8	164.8	164.8	153.8	153.8	109.9	109.9	87.9	87.9	76.9
87.5°	33.0	22.0	43.9	54.9	54.9	65.9	43.9	54.9	33.0	22.0	22.0
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0
2.5°	6965.1	7086.0	7250.7	7371.6	7558.4	7701.2	7920.9	8107.7	8283.4	8360.3	8437.2
5°	5844.5	5921.4	6174.1	6371.9	6668.5	6987.1	7382.6	7811.0	8250.5	8448.2	8678.9
7.5°	4372.4	4515.2	4658.1	4943.7	5306.2	5822.6	6327.9	6965.1	7580.3	7876.9	8272.4
10°	3394.7	3504.5	3669.3	3965.9	4306.5	4735.0	5339.2	6097.2	6833.3	7217.8	7624.3
12.5°	2724.5	2878.3	3098.0	3405.7	3801.1	4240.6	4680.0	5383.1	6240.0	6679.5	7140.9
15°	2208.2	2329.0	2570.7	2955.2	3416.6	3867.1	4328.5	4910.7	5844.5	6349.9	6899.2
17.5°	1757.8	1845.6	2065.4	2449.9	2911.3	3416.6	3944.0	4680.0	5712.7	6327.9	6976.1
20°	1428.2	1494.1	1636.9	1922.5	2362.0	2911.3	3570.4	4460.3	5789.6	6580.6	7371.6
22.5°	1252.4	1274.4	1340.3	1494.1	1856.6	2438.9	3229.9	4273.5	5932.4	6954.1	8019.8
25°	1131.6	1153.5	1175.5	1274.4	1483.1	2032.4	2933.3	4163.7	6240.0	7503.4	8766.8
27.5°	1054.7	1076.6	1087.6	1131.6	1274.4	1735.8	2680.6	4097.8	6657.5	8305.4	9689.6
30°	988.7	988.7	1021.7	1087.6	1186.5	1527.1	2460.9	3944.0	7096.9	8975.5	10414.7
32.5°	933.8	944.8	988.7	1021.7	1087.6	1351.3	2241.1	3746.2	7492.4	9524.8	11128.8
35°	834.9	834.9	845.9	900.9	988.7	1208.5	2043.4	3548.5	7712.2	10063.2	11766.0
37.5°	769.0	780.0	802.0	845.9	922.8	1109.6	1878.6	3328.8	7942.9	10568.5	12513.0
40°	725.1	736.1	758.0	802.0	878.9	1021.7	1735.8	3153.0	8184.6	11117.8	13315.0
42.5°	692.1	703.1	725.1	769.0	834.9	999.7	1582.0	3010.2	8327.4	11623.2	14073.0
45°	659.2	670.1	703.1	747.0	802.0	977.8	1494.1	2911.3	8382.3	11963.7	14677.3
47.5°	626.2	637.2	670.1	736.1	802.0	944.8	1461.1	2856.4	8426.2	12348.2	15160.6
50°	593.2	615.2	659.2	725.1	813.0	900.9	1439.2	2845.4	8678.9	12842.6	15622.1
52.5°	571.3	604.2	648.2	725.1	802.0	834.9	1428.2	2878.3	9184.3	13578.7	16281.2
55°	549.3	582.3	626.2	725.1	769.0	780.0	1373.2	2933.3	9953.3	14600.4	17215.0
57.5°	527.3	549.3	604.2	703.1	725.1	736.1	1263.4	3010.2	10722.3	15600.1	18170.8
60°	494.4	516.3	571.3	703.1	659.2	692.1	1120.6	3032.1	11271.6	15918.7	18258.7
62.5°	461.4	483.4	538.3	725.1	604.2	648.2	999.7	2955.2	11381.5	15457.3	17764.3
65°	428.5	450.4	494.4	604.2	560.3	604.2	922.8	2746.5	11018.9	14402.6	16863.5
67.5°	395.5	417.5	450.4	494.4	505.4	549.3	889.9	2416.9	10107.1	13095.3	15633.0
70°	351.6	373.5	406.5	439.4	450.4	516.3	834.9	2098.3	8635.0	11348.5	14128.0
72.5°	318.6	329.6	362.5	384.5	406.5	472.4	802.0	1834.7	6602.6	9184.3	11524.3
75°	274.6	274.6	307.6	329.6	351.6	417.5	736.1	1527.1	4658.1	7009.1	8470.2
77.5°	230.7	230.7	252.7	274.6	296.6	362.5	626.2	1241.4	3229.9	5558.9	6141.2
80°	175.8	175.8	197.7	219.7	241.7	307.6	505.4	911.8	1999.4	4064.8	4471.3
82.5°	120.8	120.8	153.8	164.8	175.8	241.7	384.5	626.2	1175.5	2933.3	3196.9
85°	65.9	65.9	87.9	98.9	120.8	175.8	285.6	439.4	703.1	2120.3	2131.3
87.5°	11.0	11.0	33.0	33.0	54.9	87.9	164.8	241.7	395.5	1175.5	747.0
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: P598694
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0	7844.0
2.5°	8580.0	8700.9	8711.9	8711.9	8656.9	8667.9	8514.1	8349.3	8294.4	8283.4
5°	9030.5	9349.1	9437.0	9480.9	9338.1	9118.4	8722.9	8294.4	8074.7	8041.7
7.5°	8942.6	9579.8	9920.3	9964.3	9678.6	9162.3	8470.2	7811.0	7558.4	7492.4
10°	8426.2	9283.1	9898.4	10052.2	9744.6	9085.4	8184.6	7415.5	7107.9	7053.0
12.5°	8063.7	8887.7	9491.9	9700.6	9557.8	8986.5	8041.7	7162.9	6855.2	6778.3
15°	7866.0	8624.0	9019.5	9085.4	9074.4	8832.7	8041.7	7217.8	6877.2	6789.3
17.5°	8030.7	8547.1	8602.0	8448.2	8536.1	8656.9	8217.5	7514.4	7184.8	7107.9
20°	8360.3	8514.1	8250.5	8019.8	8063.7	8448.2	8492.2	8074.7	7811.0	7679.2
22.5°	9052.4	8635.0	8030.7	7712.2	7745.1	8283.4	8854.7	8832.7	8602.0	8536.1
25°	9755.5	8975.5	7964.8	7591.3	7635.3	8250.5	9283.1	9678.6	9557.8	9524.8
27.5°	10535.6	9546.8	8008.8	7536.4	7591.3	8294.4	9579.8	10392.7	10414.7	10381.7
30°	11062.9	9821.5	8140.6	7602.3	7679.2	8404.3	9645.7	10821.2	11018.9	11029.9
32.5°	11502.3	10096.1	8415.3	7712.2	7844.0	8602.0	9821.5	11227.7	11667.1	11678.1
35°	11853.9	10403.7	8755.8	7909.9	8107.7	8931.6	10052.2	11612.2	12271.3	12348.2
37.5°	12304.3	10744.3	9151.3	8338.4	8558.1	9404.0	10458.6	12062.6	12985.4	13194.2
40°	12787.7	11084.8	9722.6	9030.5	9349.1	10107.1	10920.1	12568.0	13589.7	13875.3
42.5°	13326.0	11447.4	10370.8	9964.3	10447.7	10997.0	11447.4	13029.4	14051.1	14380.6
45°	13853.3	11886.8	11315.6	11238.7	11777.0	12051.6	11963.7	13358.9	14490.5	14820.1
47.5°	14226.8	12524.0	12458.1	12919.5	13424.9	13282.0	12568.0	13600.6	14853.0	15215.6
50°	14567.4	13315.0	13897.3	14798.1	15105.7	14622.3	13216.1	13930.2	15237.5	15644.0
52.5°	15072.8	14160.9	15380.4	16500.9	16797.6	16028.5	13919.2	14468.5	15830.8	16193.3
55°	16105.4	15116.7	16929.4	18214.7	18269.7	17313.9	14864.0	15380.4	16665.7	17083.2
57.5°	17259.0	16292.2	18159.8	19631.9	19610.0	18599.3	15929.7	16610.8	17797.3	18082.9
60°	18302.6	17478.7	19500.1	20642.6	20587.7	19533.1	17171.1	18006.0	19093.6	19313.3
62.5°	18917.9	18555.3	20093.4	20961.2	20752.5	19840.7	18225.7	19247.4	20016.4	20093.4
65°	18819.0	19170.5	19401.2	19939.5	19642.9	18983.8	18742.1	20038.4	20115.3	20038.4
67.5°	18071.9	18819.0	17500.7	17555.6	17401.8	16841.5	17940.1	19829.7	19302.4	19115.6
70°	16940.4	16995.3	14633.3	13941.2	14182.9	13413.9	15391.4	18203.8	17390.8	17160.1
72.5°	15061.8	14380.6	11062.9	10359.8	10722.3	10173.0	12348.2	15863.7	15072.8	14325.7
75°	12633.9	11392.5	8426.2	7426.5	7613.3	7591.3	9568.8	13106.3	11678.1	10931.0
77.5°	9788.5	8876.7	6218.1	5833.6	5635.8	5679.7	6679.5	9744.6	8470.2	7536.4
80°	7151.9	6207.1	4811.9	5031.6	4921.7	4658.1	4680.0	6525.7	5888.5	5328.2
82.5°	4943.7	4416.4	3900.0	4405.4	4141.7	3735.2	3647.3	4702.0	4416.4	4075.8
85°	3317.8	3636.4	3098.0	3372.7	2922.3	2691.6	3427.6	3933.0	3174.9	2834.4
87.5°	2164.2	3328.8	2230.2	1691.8	966.8	1296.3	2098.3	2581.7	1483.1	802.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)