

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: P598810

Luminaire Tested: **IFLD-L-SA7A-827-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598810
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7A-827-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (112) 2700K CCT, 80 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

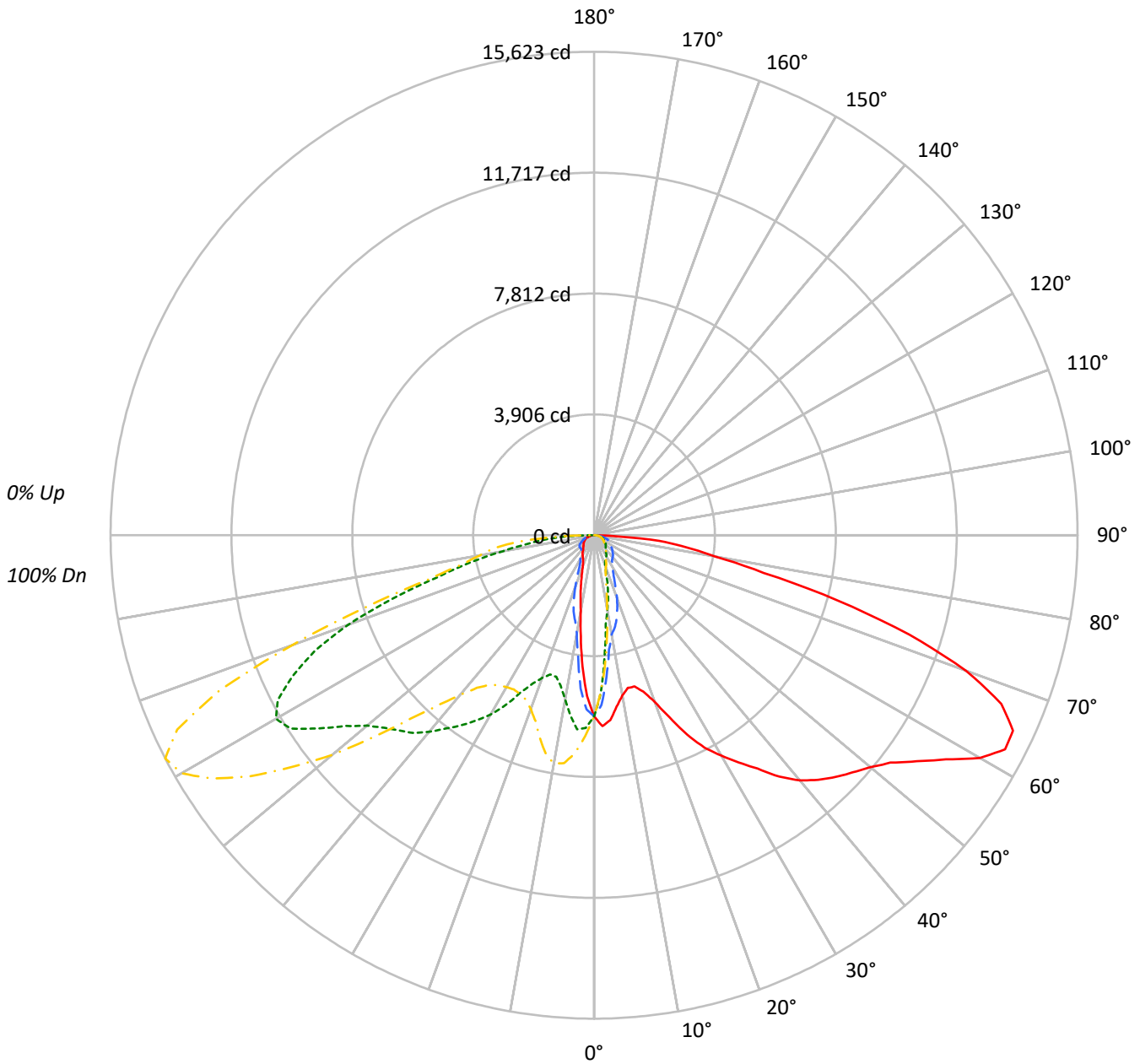
Lumens per Lamp: N/A
 Luminaire Lumens: 19571.0 lumens
 Efficiency: N/A
 Efficacy: 89.9 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

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	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°	31464	31464	31464	31464
5°	32381	21056	23002	34017
10°	28728	13379	13514	29399
15°	28194	9489	8987	26369
20°	32780	6003	6049	28090
25°	42156	5154	5008	33210
30°	51088	4885	4580	41573
35°	60467	4303	4142	49277
40°	72655	4084	3797	58216
45°	84071	4051	3677	67867
50°	97625	4114	3702	80142
55°	119469	4225	3765	102106
60°	154940	4230	3967	127707
65°	190193	4275	4066	136700
70°	201254	4510	4252	133096
75°	169411	4768	4257	108627
80°	123081	5582	4314	93895
85°	130449	8089	3538	97585

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	452.5	2.3
10°-20°	946.9	4.8
20°-30°	1364.6	7.0
30°-40°	1964.5	10.0
40°-50°	2790.4	14.3
50°-60°	4011.8	20.5
60°-70°	4634.9	23.7
70°-80°	2624.4	13.4
80°-90°	781.0	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°	2764.0	14.1
0°-40°	4728.4	24.2
0°-60°	11530.6	58.9
0°-90°	19571.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19571.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5846	5846	5846	5846	5846	
5°	5994	3898	4258	6296	5994	544
15°	5060	1703	1613	4733	5060	1488
25°	7099	868	843	5592	7099	3295
35°	9203	655	630	7500	9203	5841
45°	11046	532	483	8917	11046	8553
55°	12732	450	401	10882	12732	11531
65°	14935	336	319	10734	14935	14321
75°	8147	229	205	5224	8147	8644
85°	2112	131	57	1580	2112	2104
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°	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2
2.5°	6173.7	6165.5	6116.4	5960.8	5797.1	5641.5	5494.1	5338.6	5256.7	5158.4	5117.5
5°	5993.6	5977.2	5838.0	5494.1	5191.2	4863.7	4585.3	4364.2	4184.1	4003.9	3938.4
7.5°	5584.2	5559.6	5395.9	4921.0	4478.8	4053.0	3717.3	3430.8	3193.3	3086.9	2964.0
10°	5256.7	5215.7	5002.8	4478.8	3905.7	3479.9	3258.8	3062.3	2857.6	2685.7	2505.5
12.5°	5052.0	5002.8	4781.8	4167.7	3610.9	3291.6	3062.3	2841.2	2587.4	2374.5	2178.0
15°	5060.2	5002.8	4732.6	4085.8	3537.2	3127.8	2808.5	2505.5	2210.8	1973.3	1752.2
17.5°	5297.6	5223.9	4937.3	4200.4	3479.9	2914.9	2489.1	2096.1	1760.4	1506.6	1326.5
20°	5723.4	5674.3	5346.7	4372.4	3422.6	2685.7	2161.6	1686.7	1334.6	1138.1	1064.4
22.5°	6362.0	6304.7	5952.7	4634.4	3406.2	2481.0	1809.5	1326.5	1072.6	990.7	949.8
25°	7099.0	6992.5	6665.0	5076.5	3438.9	2292.6	1523.0	1097.2	958.0	900.7	876.1
27.5°	7737.6	7672.1	7303.7	5494.1	3455.3	2145.2	1326.5	998.9	892.5	843.4	827.0
30°	8220.7	8196.2	7835.9	5952.7	3414.4	1965.1	1203.6	958.0	892.5	843.4	794.2
32.5°	8703.8	8712.0	8327.2	6304.7	3357.1	1809.5	1089.0	851.5	786.0	753.3	761.5
35°	9203.3	9244.2	8916.7	6648.6	3234.2	1752.2	1007.1	794.2	736.9	687.8	663.2
37.5°	9833.7	9940.2	9620.9	7033.5	3111.4	1703.1	966.2	753.3	696.0	655.0	622.3
40°	10341.4	10537.9	10349.6	7393.7	3029.5	1645.8	933.4	712.4	671.4	622.3	597.7
42.5°	10718.0	10947.3	10881.8	7672.1	3029.5	1588.5	900.7	687.8	655.0	597.7	565.0
45°	11045.6	11283.0	11274.8	7958.7	3095.1	1555.7	859.7	687.8	638.7	581.3	548.6
47.5°	11340.3	11577.8	11659.7	8319.0	3201.5	1539.3	810.6	671.4	638.7	573.2	524.0
50°	11659.7	11921.7	12167.3	8892.1	3332.5	1498.4	777.9	646.8	646.8	565.0	507.7
52.5°	12069.1	12363.8	12814.2	9604.5	3463.5	1424.7	728.7	630.5	646.8	556.8	491.3
55°	12732.3	12977.9	13567.5	10456.0	3627.3	1334.6	687.8	589.5	614.1	532.2	466.7
57.5°	13477.4	13690.3	14181.6	11111.1	3676.4	1220.0	630.5	548.6	589.5	507.7	434.0
60°	14394.4	14500.9	14500.9	11299.4	3512.6	1113.6	589.5	515.8	532.2	483.1	409.4
62.5°	14975.8	14975.8	14500.9	10955.5	3201.5	1023.5	556.8	483.1	466.7	450.3	384.8
65°	14934.9	14869.3	14165.2	9956.6	2841.2	966.2	524.0	442.2	417.6	409.4	360.3
67.5°	14247.1	14132.4	13174.4	8548.2	2464.6	941.6	491.3	401.2	384.8	368.5	327.5
70°	12789.6	12494.8	11315.8	6877.9	2096.1	925.2	483.1	368.5	352.1	335.7	303.0
72.5°	10677.1	10300.5	8834.8	5289.4	1760.4	867.9	458.5	327.5	319.3	303.0	270.2
75°	8147.0	7451.0	6165.5	4044.9	1367.4	753.3	393.0	286.6	286.6	278.4	245.6
77.5°	5616.9	5256.7	4298.7	2988.6	998.9	581.3	319.3	253.8	253.8	262.0	229.3
80°	3971.2	3635.5	3062.3	2145.2	630.5	393.0	245.6	212.9	237.5	253.8	212.9
82.5°	3037.7	2792.1	2276.3	1563.9	368.5	270.2	188.3	171.9	204.7	221.1	180.1
85°	2112.5	1817.7	1154.5	1048.1	212.9	163.8	139.2	139.2	180.1	221.1	163.8
87.5°	597.7	253.8	73.7	311.1	90.1	65.5	49.1	32.8	49.1	49.1	32.8
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°	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2
2.5°	5076.5	5027.4	5027.4	5011.0	5019.2	5027.4	5019.2	5076.5	5101.1	5133.9	5199.4
5°	3897.5	3963.0	3913.8	3963.0	4028.5	4126.7	4151.3	4225.0	4233.2	4290.5	4257.7
7.5°	2890.4	2882.2	2841.2	2898.5	3078.7	3217.9	3283.4	3324.3	3332.5	3332.5	3291.6
10°	2448.2	2374.5	2300.8	2259.9	2276.3	2423.6	2472.8	2497.3	2481.0	2505.5	2472.8
12.5°	2096.1	2030.6	1924.2	1850.5	1801.4	1842.3	1891.4	1916.0	1932.4	1973.3	2006.1
15°	1703.1	1637.6	1572.1	1531.1	1490.2	1457.5	1498.4	1523.0	1563.9	1596.7	1613.0
17.5°	1293.7	1260.9	1228.2	1252.8	1252.8	1236.4	1252.8	1260.9	1277.3	1301.9	1293.7
20°	1048.1	1039.9	1031.7	1072.6	1105.4	1105.4	1121.8	1097.2	1089.0	1064.4	1056.2
22.5°	933.4	933.4	941.6	974.4	1007.1	1023.5	1023.5	982.6	941.6	925.2	933.4
25°	867.9	867.9	892.5	900.7	917.1	917.1	925.2	884.3	859.7	835.2	843.4
27.5°	818.8	818.8	827.0	827.0	835.2	835.2	843.4	827.0	794.2	786.0	786.0
30°	786.0	786.0	777.9	777.9	777.9	777.9	786.0	761.5	745.1	736.9	736.9
32.5°	753.3	745.1	736.9	736.9	728.7	728.7	736.9	712.4	704.2	704.2	704.2
35°	655.0	646.8	655.0	671.4	671.4	679.6	679.6	671.4	655.0	638.7	630.5
37.5°	614.1	605.9	605.9	605.9	622.3	630.5	638.7	622.3	597.7	573.2	573.2
40°	581.3	581.3	573.2	573.2	573.2	589.5	605.9	581.3	548.6	540.4	540.4
42.5°	556.8	548.6	540.4	532.2	524.0	548.6	565.0	532.2	515.8	515.8	515.8
45°	532.2	524.0	515.8	507.7	499.5	507.7	524.0	491.3	483.1	483.1	483.1
47.5°	507.7	499.5	483.1	474.9	466.7	466.7	483.1	458.5	450.3	458.5	458.5
50°	491.3	474.9	458.5	450.3	442.2	442.2	442.2	434.0	434.0	434.0	442.2
52.5°	474.9	458.5	434.0	425.8	417.6	417.6	417.6	417.6	409.4	417.6	425.8
55°	450.3	434.0	417.6	409.4	401.2	393.0	401.2	393.0	393.0	401.2	401.2
57.5°	417.6	401.2	384.8	384.8	376.6	376.6	384.8	376.6	376.6	384.8	384.8
60°	393.0	376.6	360.3	360.3	352.1	360.3	368.5	360.3	360.3	360.3	368.5
62.5°	360.3	352.1	335.7	335.7	335.7	335.7	343.9	335.7	343.9	343.9	343.9
65°	335.7	319.3	311.1	311.1	311.1	311.1	327.5	311.1	319.3	319.3	319.3
67.5°	311.1	294.8	286.6	286.6	286.6	286.6	303.0	286.6	294.8	303.0	294.8
70°	286.6	270.2	262.0	262.0	262.0	262.0	270.2	262.0	262.0	270.2	270.2
72.5°	253.8	245.6	237.5	237.5	229.3	237.5	245.6	237.5	237.5	237.5	237.5
75°	229.3	221.1	221.1	212.9	212.9	212.9	221.1	204.7	204.7	204.7	204.7
77.5°	212.9	196.5	196.5	196.5	188.3	196.5	188.3	171.9	171.9	171.9	171.9
80°	180.1	163.8	171.9	171.9	163.8	163.8	155.6	139.2	139.2	139.2	139.2
82.5°	147.4	131.0	139.2	139.2	139.2	139.2	122.8	114.6	106.4	98.3	98.3
85°	131.0	106.4	122.8	122.8	114.6	114.6	81.9	81.9	65.5	65.5	57.3
87.5°	24.6	16.4	32.8	40.9	40.9	49.1	32.8	40.9	24.6	16.4	16.4
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°	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2
2.5°	5191.2	5281.2	5404.1	5494.1	5633.3	5739.8	5903.5	6042.7	6173.7	6231.0	6288.4
5°	4356.0	4413.3	4601.6	4749.0	4970.1	5207.5	5502.3	5821.6	6149.2	6296.5	6468.5
7.5°	3258.8	3365.3	3471.7	3684.6	3954.8	4339.6	4716.3	5191.2	5649.7	5870.8	6165.5
10°	2530.1	2612.0	2734.8	2955.9	3209.7	3529.0	3979.4	4544.3	5092.9	5379.5	5682.4
12.5°	2030.6	2145.2	2309.0	2538.3	2833.0	3160.6	3488.1	4012.1	4650.8	4978.3	5322.2
15°	1645.8	1735.8	1916.0	2202.6	2546.5	2882.2	3226.1	3660.0	4356.0	4732.6	5142.0
17.5°	1310.1	1375.6	1539.3	1825.9	2169.8	2546.5	2939.5	3488.1	4257.7	4716.3	5199.4
20°	1064.4	1113.6	1220.0	1432.9	1760.4	2169.8	2661.1	3324.3	4315.1	4904.6	5494.1
22.5°	933.4	949.8	998.9	1113.6	1383.8	1817.7	2407.3	3185.1	4421.5	5183.0	5977.2
25°	843.4	859.7	876.1	949.8	1105.4	1514.8	2186.2	3103.2	4650.8	5592.4	6534.0
27.5°	786.0	802.4	810.6	843.4	949.8	1293.7	1997.9	3054.1	4961.9	6190.1	7221.8
30°	736.9	736.9	761.5	810.6	884.3	1138.1	1834.1	2939.5	5289.4	6689.6	7762.2
32.5°	696.0	704.2	736.9	761.5	810.6	1007.1	1670.3	2792.1	5584.2	7099.0	8294.4
35°	622.3	622.3	630.5	671.4	736.9	900.7	1523.0	2644.7	5748.0	7500.2	8769.3
37.5°	573.2	581.3	597.7	630.5	687.8	827.0	1400.1	2481.0	5919.9	7876.8	9326.1
40°	540.4	548.6	565.0	597.7	655.0	761.5	1293.7	2349.9	6100.0	8286.2	9923.8
42.5°	515.8	524.0	540.4	573.2	622.3	745.1	1179.1	2243.5	6206.5	8662.9	10488.8
45°	491.3	499.5	524.0	556.8	597.7	728.7	1113.6	2169.8	6247.4	8916.7	10939.1
47.5°	466.7	474.9	499.5	548.6	597.7	704.2	1089.0	2128.9	6280.2	9203.3	11299.4
50°	442.2	458.5	491.3	540.4	605.9	671.4	1072.6	2120.7	6468.5	9571.7	11643.3
52.5°	425.8	450.3	483.1	540.4	597.7	622.3	1064.4	2145.2	6845.1	10120.3	12134.6
55°	409.4	434.0	466.7	540.4	573.2	581.3	1023.5	2186.2	7418.3	10881.8	12830.5
57.5°	393.0	409.4	450.3	524.0	540.4	548.6	941.6	2243.5	7991.5	11626.9	13542.9
60°	368.5	384.8	425.8	524.0	491.3	515.8	835.2	2259.9	8400.9	11864.4	13608.4
62.5°	343.9	360.3	401.2	540.4	450.3	483.1	745.1	2202.6	8482.7	11520.5	13239.9
65°	319.3	335.7	368.5	450.3	417.6	450.3	687.8	2047.0	8212.5	10734.4	12568.5
67.5°	294.8	311.1	335.7	368.5	376.6	409.4	663.2	1801.4	7532.9	9760.1	11651.5
70°	262.0	278.4	303.0	327.5	335.7	384.8	622.3	1563.9	6435.7	8458.2	10529.7
72.5°	237.5	245.6	270.2	286.6	303.0	352.1	597.7	1367.4	4921.0	6845.1	8589.2
75°	204.7	204.7	229.3	245.6	262.0	311.1	548.6	1138.1	3471.7	5223.9	6312.9
77.5°	171.9	171.9	188.3	204.7	221.1	270.2	466.7	925.2	2407.3	4143.1	4577.1
80°	131.0	131.0	147.4	163.8	180.1	229.3	376.6	679.6	1490.2	3029.5	3332.5
82.5°	90.1	90.1	114.6	122.8	131.0	180.1	286.6	466.7	876.1	2186.2	2382.7
85°	49.1	49.1	65.5	73.7	90.1	131.0	212.9	327.5	524.0	1580.3	1588.5
87.5°	8.2	8.2	24.6	24.6	40.9	65.5	122.8	180.1	294.8	876.1	556.8
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: P598810
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2	5846.2
2.5°	6394.8	6484.9	6493.1	6493.1	6452.1	6460.3	6345.7	6222.9	6181.9	6173.7
5°	6730.5	6968.0	7033.5	7066.2	6959.8	6796.0	6501.2	6181.9	6018.2	5993.6
7.5°	6665.0	7139.9	7393.7	7426.5	7213.6	6828.8	6312.9	5821.6	5633.3	5584.2
10°	6280.2	6918.8	7377.4	7492.0	7262.7	6771.4	6100.0	5526.9	5297.6	5256.7
12.5°	6010.0	6624.1	7074.4	7230.0	7123.5	6697.8	5993.6	5338.6	5109.3	5052.0
15°	5862.6	6427.6	6722.3	6771.4	6763.3	6583.1	5993.6	5379.5	5125.7	5060.2
17.5°	5985.4	6370.2	6411.2	6296.5	6362.0	6452.1	6124.6	5600.6	5354.9	5297.6
20°	6231.0	6345.7	6149.2	5977.2	6010.0	6296.5	6329.3	6018.2	5821.6	5723.4
22.5°	6746.9	6435.7	5985.4	5748.0	5772.5	6173.7	6599.5	6583.1	6411.2	6362.0
25°	7270.9	6689.6	5936.3	5657.9	5690.6	6149.2	6918.8	7213.6	7123.5	7099.0
27.5°	7852.3	7115.3	5969.0	5616.9	5657.9	6181.9	7139.9	7745.8	7762.2	7737.6
30°	8245.3	7320.0	6067.3	5666.1	5723.4	6263.8	7189.0	8065.1	8212.5	8220.7
32.5°	8572.8	7524.7	6272.0	5748.0	5846.2	6411.2	7320.0	8368.1	8695.6	8703.8
35°	8834.8	7754.0	6525.8	5895.3	6042.7	6656.8	7492.0	8654.7	9146.0	9203.3
37.5°	9170.5	8007.8	6820.6	6214.7	6378.4	7008.9	7794.9	8990.4	9678.2	9833.7
40°	9530.8	8261.7	7246.4	6730.5	6968.0	7532.9	8138.8	9367.0	10128.5	10341.4
42.5°	9932.0	8531.9	7729.4	7426.5	7786.8	8196.2	8531.9	9710.9	10472.4	10718.0
45°	10325.0	8859.4	8433.6	8376.3	8777.5	8982.2	8916.7	9956.6	10799.9	11045.6
47.5°	10603.4	9334.3	9285.2	9629.0	10005.7	9899.3	9367.0	10136.7	11070.1	11340.3
50°	10857.2	9923.8	10357.8	11029.2	11258.5	10898.2	9850.1	10382.3	11356.7	11659.7
52.5°	11233.9	10554.3	11463.2	12298.3	12519.4	11946.2	10374.2	10783.6	11798.9	12069.1
55°	12003.6	11266.6	12617.7	13575.6	13616.6	12904.2	11078.3	11463.2	12421.1	12732.3
57.5°	12863.3	12142.8	13534.7	14631.9	14615.5	13862.2	11872.6	12380.2	13264.5	13477.4
60°	13641.2	13027.1	14533.6	15385.2	15344.2	14558.2	12797.8	13420.1	14230.7	14394.4
62.5°	14099.7	13829.5	14975.8	15622.6	15467.1	14787.5	13583.8	14345.3	14918.5	14975.8
65°	14026.0	14288.0	14459.9	14861.2	14640.1	14148.8	13968.7	14934.9	14992.2	14934.9
67.5°	13469.2	14026.0	13043.4	13084.4	12969.7	12552.2	13370.9	14779.3	14386.3	14247.1
70°	12625.8	12666.8	10906.4	10390.5	10570.7	9997.5	11471.3	13567.5	12961.6	12789.6
72.5°	11225.7	10718.0	8245.3	7721.3	7991.5	7582.1	9203.3	11823.4	11233.9	10677.1
75°	9416.2	8490.9	6280.2	5535.1	5674.3	5657.9	7131.7	9768.2	8703.8	8147.0
77.5°	7295.5	6615.9	4634.4	4347.8	4200.4	4233.2	4978.3	7262.7	6312.9	5616.9
80°	5330.4	4626.2	3586.3	3750.1	3668.2	3471.7	3488.1	4863.7	4388.7	3971.2
82.5°	3684.6	3291.6	2906.7	3283.4	3086.9	2783.9	2718.4	3504.4	3291.6	3037.7
85°	2472.8	2710.2	2309.0	2513.7	2178.0	2006.1	2554.6	2931.3	2366.3	2112.5
87.5°	1613.0	2481.0	1662.2	1260.9	720.5	966.2	1563.9	1924.2	1105.4	597.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)