

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: P598844

Luminaire Tested: **IFLD-L-SA8A-830-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598844
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8A-830-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (128) 3000K CCT, 80 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

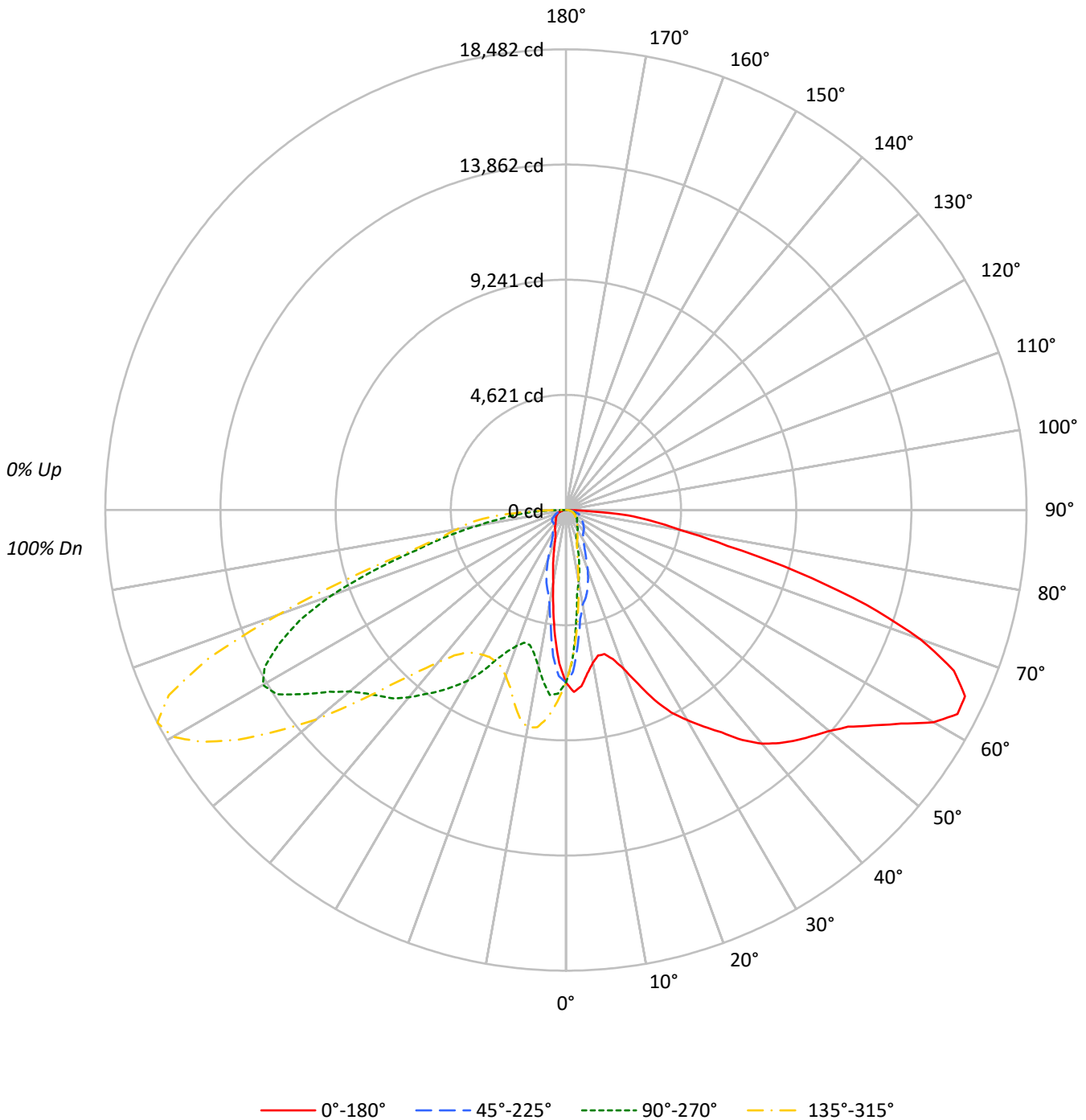
Lumens per Lamp: N/A
 Luminaire Lumens: 23152.8 lumens
 Efficiency: N/A
 Efficacy: 93.4 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 247.8
 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



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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°	37223	37223	37223	37223
5°	38307	24910	27212	40243
10°	33985	15828	15987	34779
15°	33354	11226	10632	31195
20°	38779	7101	7157	33231
25°	49871	6097	5925	39287
30°	60438	5779	5418	49181
35°	71533	5091	4901	58296
40°	85952	4832	4491	68870
45°	99457	4792	4350	80288
50°	115492	4866	4380	94810
55°	141334	4999	4453	120792
60°	183297	5005	4692	151079
65°	225001	5057	4811	161719
70°	238087	5334	5031	157454
75°	200417	5639	5036	128509
80°	145604	6605	5105	111081
85°	154322	9571	4187	115444

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	535.3	2.3
10°-20°	1120.2	4.8
20°-30°	1614.3	7.0
30°-40°	2324.0	10.0
40°-50°	3301.1	14.3
50°-60°	4746.0	20.5
60°-70°	5483.2	23.7
70°-80°	3104.7	13.4
80°-90°	924.0	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°	3269.8	14.1
0°-40°	5593.8	24.2
0°-60°	13640.9	58.9
0°-90°	23152.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	23152.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6916	6916	6916	6916	6916	
5°	7090	4611	5037	7449	7090	643
15°	5986	2015	1908	5599	5986	1760
25°	8398	1027	998	6616	8398	3898
35°	10888	775	746	8873	10888	6910
45°	13067	630	572	10549	13067	10118
55°	15062	533	475	12873	15062	13641
65°	17668	397	378	12699	17668	16942
75°	9638	271	242	6180	9638	10226
85°	2499	155	68	1870	2499	2489
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°	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2
2.5°	7303.6	7293.9	7235.8	7051.8	6858.0	6674.0	6499.6	6315.6	6218.7	6102.5	6054.1
5°	7090.5	7071.1	6906.5	6499.6	6141.2	5753.8	5424.4	5162.9	4949.8	4736.7	4659.2
7.5°	6606.2	6577.1	6383.4	5821.6	5298.5	4794.8	4397.7	4058.6	3777.7	3651.8	3506.5
10°	6218.7	6170.3	5918.4	5298.5	4620.5	4116.8	3855.2	3622.7	3380.6	3177.2	2964.1
12.5°	5976.6	5918.4	5656.9	4930.4	4271.7	3894.0	3622.7	3361.2	3060.9	2809.1	2576.6
15°	5986.2	5918.4	5598.8	4833.6	4184.6	3700.2	3322.5	2964.1	2615.4	2334.4	2072.9
17.5°	6267.2	6180.0	5841.0	4969.2	4116.8	3448.4	2944.7	2479.7	2082.6	1782.3	1569.2
20°	6770.9	6712.7	6325.3	5172.6	4049.0	3177.2	2557.2	1995.4	1578.9	1346.4	1259.2
22.5°	7526.4	7458.6	7042.1	5482.6	4029.6	2935.0	2140.7	1569.2	1268.9	1172.1	1123.6
25°	8398.2	8272.3	7884.8	6005.6	4068.3	2712.2	1801.7	1298.0	1133.3	1065.5	1036.5
27.5°	9153.7	9076.2	8640.3	6499.6	4087.7	2537.9	1569.2	1181.8	1055.8	997.7	978.3
30°	9725.2	9696.2	9270.0	7042.1	4039.3	2324.8	1423.9	1133.3	1055.8	997.7	939.6
32.5°	10296.7	10306.4	9851.2	7458.6	3971.5	2140.7	1288.3	1007.4	929.9	891.2	900.8
35°	10887.6	10936.0	10548.6	7865.4	3826.2	2072.9	1191.4	939.6	871.8	813.7	784.6
37.5°	11633.5	11759.4	11381.6	8320.7	3680.9	2014.8	1143.0	891.2	823.4	774.9	736.2
40°	12234.0	12466.5	12243.7	8746.9	3584.0	1947.0	1104.3	842.7	794.3	736.2	707.1
42.5°	12679.6	12950.8	12873.3	9076.2	3584.0	1879.2	1065.5	813.7	774.9	707.1	668.4
45°	13067.1	13348.0	13338.3	9415.3	3661.5	1840.4	1017.1	813.7	755.5	687.7	649.0
47.5°	13415.8	13696.7	13793.6	9841.5	3787.4	1821.1	959.0	794.3	755.5	678.1	619.9
50°	13793.6	14103.5	14394.1	10519.5	3942.4	1772.6	920.2	765.2	765.2	668.4	600.6
52.5°	14277.9	14626.6	15159.4	11362.2	4097.4	1685.4	862.1	745.9	765.2	658.7	581.2
55°	15062.5	15353.1	16050.5	12369.6	4291.1	1578.9	813.7	697.4	726.5	629.6	552.1
57.5°	15944.0	16195.8	16777.0	13144.6	4349.2	1443.3	745.9	649.0	697.4	600.6	513.4
60°	17028.8	17154.8	17154.8	13367.4	4155.5	1317.4	697.4	610.2	629.6	571.5	484.3
62.5°	17716.6	17716.6	17154.8	12960.5	3787.4	1210.8	658.7	571.5	552.1	532.8	455.3
65°	17668.2	17590.7	16757.6	11778.8	3361.2	1143.0	619.9	523.1	494.0	484.3	426.2
67.5°	16854.5	16718.9	15585.6	10112.7	2915.6	1113.9	581.2	474.6	455.3	435.9	387.5
70°	15130.3	14781.6	13386.7	8136.6	2479.7	1094.6	571.5	435.9	416.5	397.1	358.4
72.5°	12631.2	12185.6	10451.7	6257.5	2082.6	1026.8	542.4	387.5	377.8	358.4	319.7
75°	9638.1	8814.7	7293.9	4785.1	1617.6	891.2	465.0	339.0	339.0	329.3	290.6
77.5°	6644.9	6218.7	5085.4	3535.6	1181.8	687.7	377.8	300.3	300.3	310.0	271.2
80°	4697.9	4300.8	3622.7	2537.9	745.9	465.0	290.6	251.8	280.9	300.3	251.8
82.5°	3593.7	3303.1	2692.8	1850.1	435.9	319.7	222.8	203.4	242.2	261.5	213.1
85°	2499.1	2150.4	1365.8	1239.9	251.8	193.7	164.7	164.7	213.1	261.5	193.7
87.5°	707.1	300.3	87.2	368.1	106.6	77.5	58.1	38.7	58.1	58.1	38.7
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°	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2
2.5°	6005.6	5947.5	5947.5	5928.1	5937.8	5947.5	5937.8	6005.6	6034.7	6073.4	6150.9
5°	4610.8	4688.3	4630.1	4688.3	4765.8	4882.0	4911.0	4998.2	5007.9	5075.7	5037.0
7.5°	3419.3	3409.6	3361.2	3429.0	3642.1	3806.8	3884.3	3932.7	3942.4	3942.4	3894.0
10°	2896.3	2809.1	2721.9	2673.5	2692.8	2867.2	2925.3	2954.4	2935.0	2964.1	2925.3
12.5°	2479.7	2402.2	2276.3	2189.1	2131.0	2179.5	2237.6	2266.6	2286.0	2334.4	2373.2
15°	2014.8	1937.3	1859.8	1811.4	1762.9	1724.2	1772.6	1801.7	1850.1	1888.9	1908.2
17.5°	1530.5	1491.7	1453.0	1482.0	1482.0	1462.7	1482.0	1491.7	1511.1	1540.2	1530.5
20°	1239.9	1230.2	1220.5	1268.9	1307.7	1307.7	1327.0	1298.0	1288.3	1259.2	1249.6
22.5°	1104.3	1104.3	1113.9	1152.7	1191.4	1210.8	1210.8	1162.4	1113.9	1094.6	1104.3
25°	1026.8	1026.8	1055.8	1065.5	1084.9	1084.9	1094.6	1046.1	1017.1	988.0	997.7
27.5°	968.6	968.6	978.3	978.3	988.0	988.0	997.7	978.3	939.6	929.9	929.9
30°	929.9	929.9	920.2	920.2	920.2	920.2	929.9	900.8	881.5	871.8	871.8
32.5°	891.2	881.5	871.8	871.8	862.1	862.1	871.8	842.7	833.0	833.0	833.0
35°	774.9	765.2	774.9	794.3	794.3	804.0	804.0	794.3	774.9	755.5	745.9
37.5°	726.5	716.8	716.8	716.8	736.2	745.9	755.5	736.2	707.1	678.1	678.1
40°	687.7	687.7	678.1	678.1	678.1	697.4	716.8	687.7	649.0	639.3	639.3
42.5°	658.7	649.0	639.3	629.6	619.9	649.0	668.4	629.6	610.2	610.2	610.2
45°	629.6	619.9	610.2	600.6	590.9	600.6	619.9	581.2	571.5	571.5	571.5
47.5°	600.6	590.9	571.5	561.8	552.1	552.1	571.5	542.4	532.8	542.4	542.4
50°	581.2	561.8	542.4	532.8	523.1	523.1	523.1	513.4	513.4	513.4	523.1
52.5°	561.8	542.4	513.4	503.7	494.0	494.0	494.0	494.0	484.3	494.0	503.7
55°	532.8	513.4	494.0	484.3	474.6	465.0	474.6	465.0	465.0	474.6	474.6
57.5°	494.0	474.6	455.3	455.3	445.6	445.6	455.3	445.6	445.6	455.3	455.3
60°	465.0	445.6	426.2	426.2	416.5	426.2	435.9	426.2	426.2	426.2	435.9
62.5°	426.2	416.5	397.1	397.1	397.1	397.1	406.8	397.1	406.8	406.8	406.8
65°	397.1	377.8	368.1	368.1	368.1	368.1	387.5	368.1	377.8	377.8	377.8
67.5°	368.1	348.7	339.0	339.0	339.0	339.0	358.4	339.0	348.7	358.4	348.7
70°	339.0	319.7	310.0	310.0	310.0	310.0	319.7	310.0	310.0	319.7	319.7
72.5°	300.3	290.6	280.9	280.9	271.2	280.9	290.6	280.9	280.9	280.9	280.9
75°	271.2	261.5	261.5	251.8	251.8	251.8	261.5	242.2	242.2	242.2	242.2
77.5°	251.8	232.5	232.5	232.5	222.8	232.5	222.8	203.4	203.4	203.4	203.4
80°	213.1	193.7	203.4	203.4	193.7	193.7	184.0	164.7	164.7	164.7	164.7
82.5°	174.4	155.0	164.7	164.7	164.7	164.7	145.3	135.6	125.9	116.2	116.2
85°	155.0	125.9	145.3	145.3	135.6	135.6	96.9	96.9	77.5	77.5	67.8
87.5°	29.1	19.4	38.7	48.4	48.4	58.1	38.7	48.4	29.1	19.4	19.4
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°	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2
2.5°	6141.2	6247.8	6393.1	6499.6	6664.3	6790.2	6984.0	7148.6	7303.6	7371.4	7439.2
5°	5153.2	5221.0	5443.8	5618.2	5879.7	6160.6	6509.3	6887.1	7274.6	7448.9	7652.3
7.5°	3855.2	3981.1	4107.1	4358.9	4678.6	5133.8	5579.4	6141.2	6683.7	6945.2	7293.9
10°	2993.1	3090.0	3235.3	3496.8	3797.1	4174.9	4707.6	5376.0	6025.0	6364.0	6722.4
12.5°	2402.2	2537.9	2731.6	3002.8	3351.5	3739.0	4126.4	4746.4	5501.9	5889.4	6296.2
15°	1947.0	2053.5	2266.6	2605.7	3012.5	3409.6	3816.5	4329.9	5153.2	5598.8	6083.1
17.5°	1549.8	1627.3	1821.1	2160.1	2566.9	3012.5	3477.4	4126.4	5037.0	5579.4	6150.9
20°	1259.2	1317.4	1443.3	1695.1	2082.6	2566.9	3148.1	3932.7	5104.8	5802.2	6499.6
22.5°	1104.3	1123.6	1181.8	1317.4	1637.0	2150.4	2847.8	3768.0	5230.7	6131.5	7071.1
25°	997.7	1017.1	1036.5	1123.6	1307.7	1792.0	2586.3	3671.2	5501.9	6615.9	7729.8
27.5°	929.9	949.3	959.0	997.7	1123.6	1530.5	2363.5	3613.1	5870.0	7323.0	8543.5
30°	871.8	871.8	900.8	959.0	1046.1	1346.4	2169.8	3477.4	6257.5	7913.9	9182.8
32.5°	823.4	833.0	871.8	900.8	959.0	1191.4	1976.0	3303.1	6606.2	8398.2	9812.4
35°	736.2	736.2	745.9	794.3	871.8	1065.5	1801.7	3128.7	6799.9	8872.8	10374.2
37.5°	678.1	687.7	707.1	745.9	813.7	978.3	1656.4	2935.0	7003.3	9318.4	11032.9
40°	639.3	649.0	668.4	707.1	774.9	900.8	1530.5	2780.0	7216.4	9802.7	11740.0
42.5°	610.2	619.9	639.3	678.1	736.2	881.5	1394.9	2654.1	7342.4	10248.3	12408.4
45°	581.2	590.9	619.9	658.7	707.1	862.1	1317.4	2566.9	7390.8	10548.6	12941.1
47.5°	552.1	561.8	590.9	649.0	707.1	833.0	1288.3	2518.5	7429.5	10887.6	13367.4
50°	523.1	542.4	581.2	639.3	716.8	794.3	1268.9	2508.8	7652.3	11323.5	13774.2
52.5°	503.7	532.8	571.5	639.3	707.1	736.2	1259.2	2537.9	8097.9	11972.5	14355.4
55°	484.3	513.4	552.1	639.3	678.1	687.7	1210.8	2586.3	8776.0	12873.3	15178.7
57.5°	465.0	484.3	532.8	619.9	639.3	649.0	1113.9	2654.1	9454.0	13754.8	16021.4
60°	435.9	455.3	503.7	619.9	581.2	610.2	988.0	2673.5	9938.3	14035.7	16098.9
62.5°	406.8	426.2	474.6	639.3	532.8	571.5	881.5	2605.7	10035.2	13628.9	15663.0
65°	377.8	397.1	435.9	532.8	494.0	532.8	813.7	2421.6	9715.5	12699.0	14868.8
67.5°	348.7	368.1	397.1	435.9	445.6	484.3	784.6	2131.0	8911.6	11546.3	13783.9
70°	310.0	329.3	358.4	387.5	397.1	455.3	736.2	1850.1	7613.6	10006.1	12456.8
72.5°	280.9	290.6	319.7	339.0	358.4	416.5	707.1	1617.6	5821.6	8097.9	10161.1
75°	242.2	242.2	271.2	290.6	310.0	368.1	649.0	1346.4	4107.1	6180.0	7468.3
77.5°	203.4	203.4	222.8	242.2	261.5	319.7	552.1	1094.6	2847.8	4901.4	5414.7
80°	155.0	155.0	174.4	193.7	213.1	271.2	445.6	804.0	1762.9	3584.0	3942.4
82.5°	106.6	106.6	135.6	145.3	155.0	213.1	339.0	552.1	1036.5	2586.3	2818.8
85°	58.1	58.1	77.5	87.2	106.6	155.0	251.8	387.5	619.9	1869.5	1879.2
87.5°	9.7	9.7	29.1	29.1	48.4	77.5	145.3	213.1	348.7	1036.5	658.7
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: P598844
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2	6916.2
2.5°	7565.1	7671.7	7681.4	7681.4	7633.0	7642.6	7507.0	7361.7	7313.3	7303.6
5°	7962.3	8243.2	8320.7	8359.4	8233.5	8039.8	7691.1	7313.3	7119.6	7090.5
7.5°	7884.8	8446.6	8746.9	8785.6	8533.8	8078.5	7468.3	6887.1	6664.3	6606.2
10°	7429.5	8185.1	8727.5	8863.1	8591.9	8010.7	7216.4	6538.4	6267.2	6218.7
12.5°	7109.9	7836.4	8369.1	8553.2	8427.2	7923.5	7090.5	6315.6	6044.4	5976.6
15°	6935.5	7603.9	7952.6	8010.7	8001.0	7787.9	7090.5	6364.0	6063.7	5986.2
17.5°	7080.8	7536.1	7584.5	7448.9	7526.4	7633.0	7245.5	6625.6	6335.0	6267.2
20°	7371.4	7507.0	7274.6	7071.1	7109.9	7448.9	7487.7	7119.6	6887.1	6770.9
22.5°	7981.7	7613.6	7080.8	6799.9	6829.0	7303.6	7807.3	7787.9	7584.5	7526.4
25°	8601.6	7913.9	7022.7	6693.4	6732.1	7274.6	8185.1	8533.8	8427.2	8398.2
27.5°	9289.3	8417.6	7061.4	6644.9	6693.4	7313.3	8446.6	9163.4	9182.8	9153.7
30°	9754.3	8659.7	7177.7	6703.0	6770.9	7410.2	8504.7	9541.2	9715.5	9725.2
32.5°	10141.8	8901.9	7419.8	6799.9	6916.2	7584.5	8659.7	9899.6	10287.0	10296.7
35°	10451.7	9173.1	7720.1	6974.3	7148.6	7875.1	8863.1	10238.6	10819.8	10887.6
37.5°	10848.9	9473.4	8068.8	7352.0	7545.8	8291.6	9221.5	10635.8	11449.4	11633.5
40°	11275.1	9773.7	8572.5	7962.3	8243.2	8911.6	9628.4	11081.3	11982.2	12234.0
42.5°	11749.7	10093.3	9144.0	8785.6	9211.8	9696.2	10093.3	11488.2	12389.0	12679.6
45°	12214.7	10480.8	9977.1	9909.3	10383.9	10626.1	10548.6	11778.8	12776.5	13067.1
47.5°	12544.0	11042.6	10984.5	11391.3	11836.9	11711.0	11081.3	11991.9	13096.1	13415.8
50°	12844.3	11740.0	12253.4	13047.7	13318.9	12892.7	11652.8	12282.5	13435.2	13793.6
52.5°	13289.9	12485.9	13561.1	14549.1	14810.6	14132.6	12272.8	12757.1	13958.2	14277.9
55°	14200.4	13328.6	14926.9	16060.2	16108.6	15265.9	13105.8	13561.1	14694.4	15062.5
57.5°	15217.5	14365.1	16011.8	17309.8	17290.4	16399.2	14045.4	14646.0	15692.1	15944.0
60°	16137.7	15411.2	17193.5	18200.9	18152.5	17222.6	15140.0	15876.2	16835.1	17028.8
62.5°	16680.1	16360.5	17716.6	18481.8	18297.8	17493.8	16069.9	16970.7	17648.8	17716.6
65°	16593.0	16902.9	17106.3	17581.0	17319.4	16738.2	16525.1	17668.2	17736.0	17668.2
67.5°	15934.3	16593.0	15430.6	15479.0	15343.4	14849.4	15818.0	17484.1	17019.2	16854.5
70°	14936.6	14985.0	12902.4	12292.2	12505.3	11827.2	13570.8	16050.5	15333.7	15130.3
72.5°	13280.2	12679.6	9754.3	9134.4	9454.0	8969.7	10887.6	13987.3	13289.9	12631.2
75°	11139.5	10044.9	7429.5	6548.1	6712.7	6693.4	8436.9	11556.0	10296.7	9638.1
77.5°	8630.7	7826.7	5482.6	5143.5	4969.2	5007.9	5889.4	8591.9	7468.3	6644.9
80°	6305.9	5472.9	4242.7	4436.4	4339.5	4107.1	4126.4	5753.8	5192.0	4697.9
82.5°	4358.9	3894.0	3438.7	3884.3	3651.8	3293.4	3215.9	4145.8	3894.0	3593.7
85°	2925.3	3206.2	2731.6	2973.8	2576.6	2373.2	3022.2	3467.8	2799.4	2499.1
87.5°	1908.2	2935.0	1966.4	1491.7	852.4	1143.0	1850.1	2276.3	1307.7	707.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)