

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: P598612

Luminaire Tested: **IFLD-L-SA8A-722-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598612
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8A-722-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (128) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

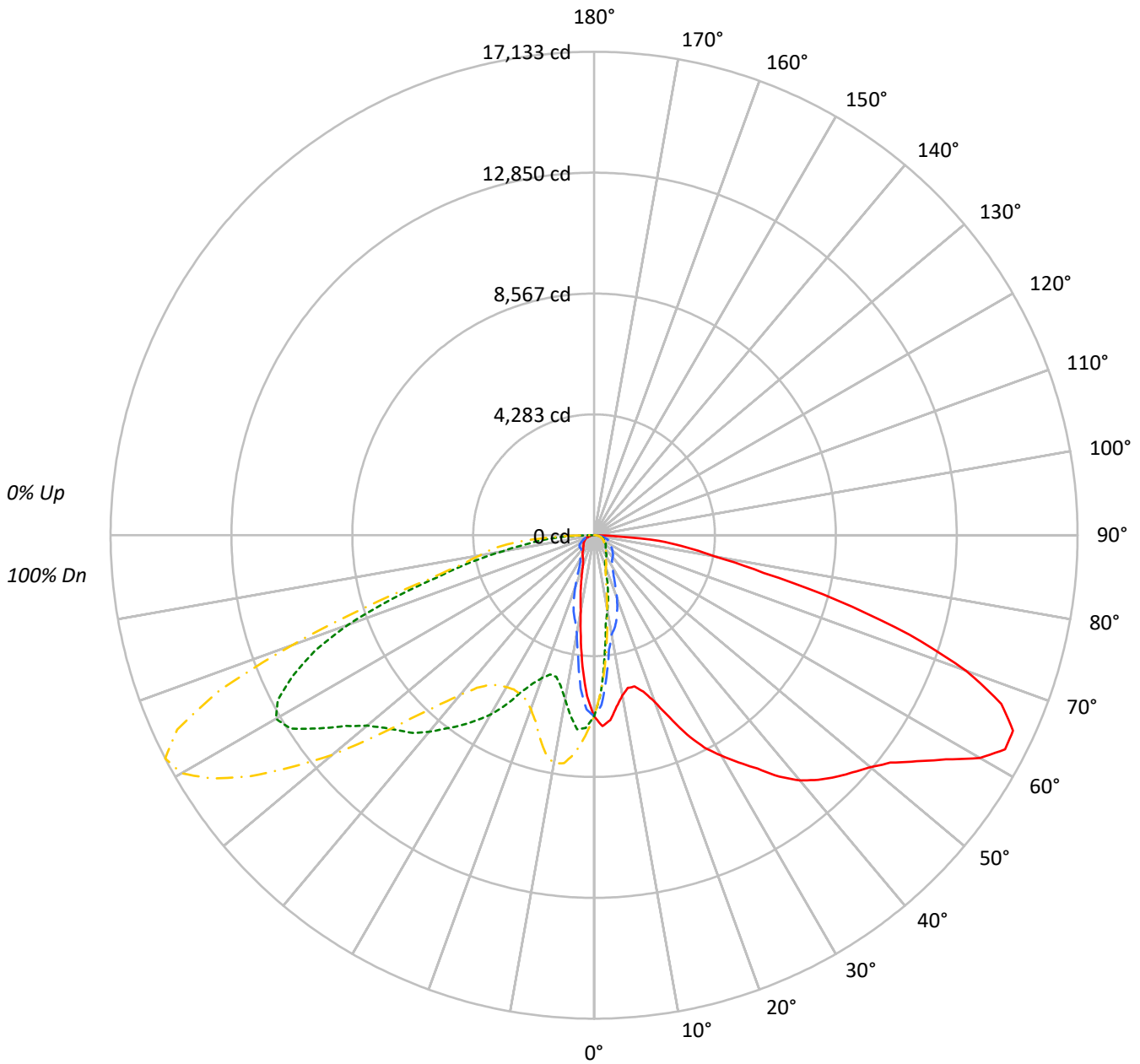
Lumens per Lamp: N/A
 Luminaire Lumens: 21462.8 lumens
 Efficiency: N/A
 Efficacy: 86.6 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

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



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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	34505	34505	34505	34505
5°	35511	23091	25226	37305
10°	31505	14673	14820	32241
15°	30920	10406	9857	28918
20°	35948	6583	6634	30806
25°	46231	5652	5492	36420
30°	56027	5357	5022	45591
35°	66312	4720	4543	54041
40°	79678	4479	4163	63843
45°	92197	4443	4032	74427
50°	107061	4511	4060	87890
55°	131017	4634	4129	111976
60°	169918	4639	4350	140051
65°	208577	4689	4460	149915
70°	220709	4946	4663	145962
75°	185787	5228	4668	119128
80°	134977	6121	4733	102973
85°	143059	8874	3884	107015

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	496.2	2.3
10°-20°	1038.4	4.8
20°-30°	1496.5	7.0
30°-40°	2154.4	10.0
40°-50°	3060.1	14.3
50°-60°	4399.6	20.5
60°-70°	5083.0	23.7
70°-80°	2878.1	13.4
80°-90°	856.5	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°	3031.1	14.1
0°-40°	5185.5	24.2
0°-60°	12645.2	58.9
0°-90°	21462.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	21462.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6411	6411	6411	6411	6411	
5°	6573	4274	4669	6905	6573	596
15°	5549	1868	1769	5190	5549	1632
25°	7785	952	925	6133	7785	3614
35°	10093	718	691	8225	10093	6405
45°	12113	584	530	9779	12113	9379
55°	13963	494	440	11934	13963	12646
65°	16378	368	350	11772	16378	15706
75°	8934	251	224	5729	8934	9480
85°	2317	144	63	1733	2317	2307
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°	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3
2.5°	6770.5	6761.5	6707.6	6537.0	6357.4	6186.8	6025.2	5854.6	5764.8	5657.0	5612.2
5°	6573.0	6555.0	6402.3	6025.2	5693.0	5333.8	5028.5	4786.0	4588.5	4390.9	4319.1
7.5°	6124.0	6097.0	5917.5	5396.6	4911.8	4444.8	4076.7	3762.4	3502.0	3385.3	3250.6
10°	5764.8	5719.9	5486.4	4911.8	4283.2	3816.3	3573.8	3358.3	3133.8	2945.3	2747.7
12.5°	5540.3	5486.4	5244.0	4570.5	3959.9	3609.7	3358.3	3115.9	2837.5	2604.0	2388.5
15°	5549.3	5486.4	5190.1	4480.7	3879.1	3430.1	3079.9	2747.7	2424.4	2164.0	1921.6
17.5°	5809.7	5728.9	5414.6	4606.5	3816.3	3196.7	2729.8	2298.7	1930.6	1652.2	1454.7
20°	6276.6	6222.8	5863.6	4795.0	3753.4	2945.3	2370.6	1849.8	1463.6	1248.1	1167.3
22.5°	6977.0	6914.2	6528.1	5082.4	3735.4	2720.8	1984.5	1454.7	1176.3	1086.5	1041.6
25°	7785.2	7668.4	7309.3	5567.3	3771.4	2514.2	1670.2	1203.2	1050.6	987.7	960.8
27.5°	8485.6	8413.7	8009.7	6025.2	3789.3	2352.6	1454.7	1095.5	978.8	924.9	906.9
30°	9015.4	8988.4	8593.3	6528.1	3744.4	2155.1	1320.0	1050.6	978.8	924.9	871.0
32.5°	9545.1	9554.1	9132.1	6914.2	3681.6	1984.5	1194.3	933.9	862.0	826.1	835.1
35°	10092.9	10137.8	9778.6	7291.3	3546.9	1921.6	1104.5	871.0	808.1	754.3	727.3
37.5°	10784.3	10901.0	10550.8	7713.3	3412.2	1867.7	1059.6	826.1	763.3	718.4	682.4
40°	11341.0	11556.5	11350.0	8108.4	3322.4	1804.9	1023.7	781.2	736.3	682.4	655.5
42.5°	11754.1	12005.5	11933.7	8413.7	3322.4	1742.0	987.7	754.3	718.4	655.5	619.6
45°	12113.3	12373.7	12364.7	8728.0	3394.2	1706.1	942.8	754.3	700.4	637.5	601.6
47.5°	12436.5	12696.9	12786.7	9123.1	3511.0	1688.1	889.0	736.3	700.4	628.6	574.7
50°	12786.7	13074.1	13343.5	9751.7	3654.6	1643.2	853.0	709.4	709.4	619.6	556.7
52.5°	13235.7	13559.0	14052.8	10532.9	3798.3	1562.4	799.2	691.4	709.4	610.6	538.8
55°	13963.0	14232.4	14878.9	11466.7	3977.9	1463.6	754.3	646.5	673.5	583.7	511.8
57.5°	14780.2	15013.6	15552.4	12185.1	4031.8	1337.9	691.4	601.6	646.5	556.7	475.9
60°	15785.9	15902.6	15902.6	12391.6	3852.2	1221.2	646.5	565.7	583.7	529.8	449.0
62.5°	16423.4	16423.4	15902.6	12014.5	3511.0	1122.4	610.6	529.8	511.8	493.9	422.0
65°	16378.5	16306.7	15534.4	10919.0	3115.9	1059.6	574.7	484.9	458.0	449.0	395.1
67.5°	15624.2	15498.5	14447.9	9374.5	2702.8	1032.6	538.8	440.0	422.0	404.1	359.2
70°	14025.9	13702.6	12409.6	7542.7	2298.7	1014.7	529.8	404.1	386.1	368.2	332.2
72.5°	11709.2	11296.1	9688.8	5800.7	1930.6	951.8	502.8	359.2	350.2	332.2	296.3
75°	8934.5	8171.3	6761.5	4435.8	1499.6	826.1	431.0	314.3	314.3	305.3	269.4
77.5°	6159.9	5764.8	4714.2	3277.5	1095.5	637.5	350.2	278.4	278.4	287.3	251.4
80°	4355.0	3986.9	3358.3	2352.6	691.4	431.0	269.4	233.5	260.4	278.4	233.5
82.5°	3331.4	3062.0	2496.3	1715.1	404.1	296.3	206.5	188.6	224.5	242.4	197.5
85°	2316.7	1993.4	1266.1	1149.4	233.5	179.6	152.7	152.7	197.5	242.4	179.6
87.5°	655.5	278.4	80.8	341.2	98.8	71.8	53.9	35.9	53.9	53.9	35.9
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°	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3
2.5°	5567.3	5513.4	5513.4	5495.4	5504.4	5513.4	5504.4	5567.3	5594.2	5630.1	5701.9
5°	4274.2	4346.1	4292.2	4346.1	4417.9	4525.6	4552.6	4633.4	4642.4	4705.2	4669.3
7.5°	3169.7	3160.8	3115.9	3178.7	3376.3	3528.9	3600.8	3645.7	3654.6	3654.6	3609.7
10°	2684.9	2604.0	2523.2	2478.3	2496.3	2657.9	2711.8	2738.7	2720.8	2747.7	2711.8
12.5°	2298.7	2226.9	2110.2	2029.4	1975.5	2020.4	2074.3	2101.2	2119.1	2164.0	2200.0
15°	1867.7	1795.9	1724.1	1679.2	1634.3	1598.3	1643.2	1670.2	1715.1	1751.0	1769.0
17.5°	1418.8	1382.8	1346.9	1373.9	1373.9	1355.9	1373.9	1382.8	1400.8	1427.7	1418.8
20°	1149.4	1140.4	1131.4	1176.3	1212.2	1212.2	1230.2	1203.2	1194.3	1167.3	1158.3
22.5°	1023.7	1023.7	1032.6	1068.6	1104.5	1122.4	1122.4	1077.5	1032.6	1014.7	1023.7
25°	951.8	951.8	978.8	987.7	1005.7	1005.7	1014.7	969.8	942.8	915.9	924.9
27.5°	897.9	897.9	906.9	906.9	915.9	915.9	924.9	906.9	871.0	862.0	862.0
30°	862.0	862.0	853.0	853.0	853.0	853.0	862.0	835.1	817.1	808.1	808.1
32.5°	826.1	817.1	808.1	808.1	799.2	799.2	808.1	781.2	772.2	772.2	772.2
35°	718.4	709.4	718.4	736.3	736.3	745.3	745.3	736.3	718.4	700.4	691.4
37.5°	673.5	664.5	664.5	664.5	682.4	691.4	700.4	682.4	655.5	628.6	628.6
40°	637.5	637.5	628.6	628.6	628.6	646.5	664.5	637.5	601.6	592.6	592.6
42.5°	610.6	601.6	592.6	583.7	574.7	601.6	619.6	583.7	565.7	565.7	565.7
45°	583.7	574.7	565.7	556.7	547.7	556.7	574.7	538.8	529.8	529.8	529.8
47.5°	556.7	547.7	529.8	520.8	511.8	511.8	529.8	502.8	493.9	502.8	502.8
50°	538.8	520.8	502.8	493.9	484.9	484.9	484.9	475.9	475.9	475.9	484.9
52.5°	520.8	502.8	475.9	466.9	458.0	458.0	458.0	458.0	449.0	458.0	466.9
55°	493.9	475.9	458.0	449.0	440.0	431.0	440.0	431.0	431.0	440.0	440.0
57.5°	458.0	440.0	422.0	422.0	413.1	413.1	422.0	413.1	413.1	422.0	422.0
60°	431.0	413.1	395.1	395.1	386.1	395.1	404.1	395.1	395.1	395.1	404.1
62.5°	395.1	386.1	368.2	368.2	368.2	368.2	377.1	368.2	377.1	377.1	377.1
65°	368.2	350.2	341.2	341.2	341.2	341.2	359.2	341.2	350.2	350.2	350.2
67.5°	341.2	323.3	314.3	314.3	314.3	314.3	332.2	314.3	323.3	332.2	323.3
70°	314.3	296.3	287.3	287.3	287.3	287.3	296.3	287.3	287.3	296.3	296.3
72.5°	278.4	269.4	260.4	260.4	251.4	260.4	269.4	260.4	260.4	260.4	260.4
75°	251.4	242.4	242.4	233.5	233.5	233.5	242.4	224.5	224.5	224.5	224.5
77.5°	233.5	215.5	215.5	215.5	206.5	215.5	206.5	188.6	188.6	188.6	188.6
80°	197.5	179.6	188.6	188.6	179.6	179.6	170.6	152.7	152.7	152.7	152.7
82.5°	161.6	143.7	152.7	152.7	152.7	152.7	134.7	125.7	116.7	107.8	107.8
85°	143.7	116.7	134.7	134.7	125.7	125.7	89.8	89.8	71.8	71.8	62.9
87.5°	26.9	18.0	35.9	44.9	44.9	53.9	35.9	44.9	26.9	18.0	18.0
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°	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3
2.5°	5693.0	5791.7	5926.4	6025.2	6177.9	6294.6	6474.2	6626.8	6770.5	6833.4	6896.2
5°	4777.1	4839.9	5046.4	5208.1	5450.5	5710.9	6034.2	6384.4	6743.6	6905.2	7093.8
7.5°	3573.8	3690.6	3807.3	4040.7	4337.1	4759.1	5172.2	5693.0	6195.8	6438.3	6761.5
10°	2774.6	2864.4	2999.1	3241.6	3519.9	3870.1	4364.0	4983.6	5585.2	5899.5	6231.7
12.5°	2226.9	2352.6	2532.2	2783.6	3106.9	3466.1	3825.2	4399.9	5100.3	5459.5	5836.6
15°	1804.9	1903.6	2101.2	2415.5	2792.6	3160.8	3537.9	4013.8	4777.1	5190.1	5639.1
17.5°	1436.7	1508.5	1688.1	2002.4	2379.6	2792.6	3223.6	3825.2	4669.3	5172.2	5701.9
20°	1167.3	1221.2	1337.9	1571.4	1930.6	2379.6	2918.3	3645.7	4732.2	5378.7	6025.2
22.5°	1023.7	1041.6	1095.5	1221.2	1517.5	1993.4	2640.0	3493.0	4848.9	5684.0	6555.0
25°	924.9	942.8	960.8	1041.6	1212.2	1661.2	2397.5	3403.2	5100.3	6133.0	7165.6
27.5°	862.0	880.0	889.0	924.9	1041.6	1418.8	2191.0	3349.3	5441.5	6788.5	7919.9
30°	808.1	808.1	835.1	889.0	969.8	1248.1	2011.4	3223.6	5800.7	7336.2	8512.5
32.5°	763.3	772.2	808.1	835.1	889.0	1104.5	1831.8	3062.0	6124.0	7785.2	9096.2
35°	682.4	682.4	691.4	736.3	808.1	987.7	1670.2	2900.4	6303.6	8225.2	9617.0
37.5°	628.6	637.5	655.5	691.4	754.3	906.9	1535.5	2720.8	6492.1	8638.2	10227.6
40°	592.6	601.6	619.6	655.5	718.4	835.1	1418.8	2577.1	6689.7	9087.2	10883.1
42.5°	565.7	574.7	592.6	628.6	682.4	817.1	1293.0	2460.4	6806.4	9500.3	11502.7
45°	538.8	547.7	574.7	610.6	655.5	799.2	1221.2	2379.6	6851.3	9778.6	11996.5
47.5°	511.8	520.8	547.7	601.6	655.5	772.2	1194.3	2334.7	6887.2	10092.9	12391.6
50°	484.9	502.8	538.8	592.6	664.5	736.3	1176.3	2325.7	7093.8	10497.0	12768.8
52.5°	466.9	493.9	529.8	592.6	655.5	682.4	1167.3	2352.6	7506.8	11098.6	13307.5
55°	449.0	475.9	511.8	592.6	628.6	637.5	1122.4	2397.5	8135.4	11933.7	14070.8
57.5°	431.0	449.0	493.9	574.7	592.6	601.6	1032.6	2460.4	8763.9	12750.8	14852.0
60°	404.1	422.0	466.9	574.7	538.8	565.7	915.9	2478.3	9212.9	13011.2	14923.8
62.5°	377.1	395.1	440.0	592.6	493.9	529.8	817.1	2415.5	9302.7	12634.1	14519.8
65°	350.2	368.2	404.1	493.9	458.0	493.9	754.3	2244.9	9006.4	11772.1	13783.4
67.5°	323.3	341.2	368.2	404.1	413.1	449.0	727.3	1975.5	8261.1	10703.5	12777.7
70°	287.3	305.3	332.2	359.2	368.2	422.0	682.4	1715.1	7057.8	9275.8	11547.6
72.5°	260.4	269.4	296.3	314.3	332.2	386.1	655.5	1499.6	5396.6	7506.8	9419.4
75°	224.5	224.5	251.4	269.4	287.3	341.2	601.6	1248.1	3807.3	5728.9	6923.2
77.5°	188.6	188.6	206.5	224.5	242.4	296.3	511.8	1014.7	2640.0	4543.6	5019.5
80°	143.7	143.7	161.6	179.6	197.5	251.4	413.1	745.3	1634.3	3322.4	3654.6
82.5°	98.8	98.8	125.7	134.7	143.7	197.5	314.3	511.8	960.8	2397.5	2613.0
85°	53.9	53.9	71.8	80.8	98.8	143.7	233.5	359.2	574.7	1733.0	1742.0
87.5°	9.0	9.0	26.9	26.9	44.9	71.8	134.7	197.5	323.3	960.8	610.6
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: P598612
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3	6411.3
2.5°	7012.9	7111.7	7120.7	7120.7	7075.8	7084.8	6959.1	6824.4	6779.5	6770.5
5°	7381.1	7641.5	7713.3	7749.3	7632.5	7452.9	7129.7	6779.5	6599.9	6573.0
7.5°	7309.3	7830.1	8108.4	8144.4	7910.9	7488.9	6923.2	6384.4	6177.9	6124.0
10°	6887.2	7587.6	8090.5	8216.2	7964.8	7426.0	6689.7	6061.1	5809.7	5764.8
12.5°	6590.9	7264.4	7758.2	7928.8	7812.1	7345.2	6573.0	5854.6	5603.2	5540.3
15°	6429.3	7048.9	7372.1	7426.0	7417.0	7219.5	6573.0	5899.5	5621.1	5549.3
17.5°	6564.0	6986.0	7030.9	6905.2	6977.0	7075.8	6716.6	6141.9	5872.6	5809.7
20°	6833.4	6959.1	6743.6	6555.0	6590.9	6905.2	6941.1	6599.9	6384.4	6276.6
22.5°	7399.1	7057.8	6564.0	6303.6	6330.5	6770.5	7237.4	7219.5	7030.9	6977.0
25°	7973.7	7336.2	6510.1	6204.8	6240.7	6743.6	7587.6	7910.9	7812.1	7785.2
27.5°	8611.3	7803.1	6546.0	6159.9	6204.8	6779.5	7830.1	8494.6	8512.5	8485.6
30°	9042.3	8027.6	6653.8	6213.8	6276.6	6869.3	7884.0	8844.8	9006.4	9015.4
32.5°	9401.5	8252.1	6878.3	6303.6	6411.3	7030.9	8027.6	9177.0	9536.2	9545.1
35°	9688.8	8503.5	7156.6	6465.2	6626.8	7300.3	8216.2	9491.3	10030.0	10092.9
37.5°	10057.0	8781.9	7479.9	6815.4	6995.0	7686.4	8548.4	9859.4	10613.7	10784.3
40°	10452.1	9060.3	7946.8	7381.1	7641.5	8261.1	8925.6	10272.5	11107.6	11341.0
42.5°	10892.1	9356.6	8476.6	8144.4	8539.5	8988.4	9356.6	10649.6	11484.7	11754.1
45°	11323.1	9715.8	9248.8	9186.0	9626.0	9850.4	9778.6	10919.0	11843.9	12113.3
47.5°	11628.4	10236.6	10182.7	10559.8	10972.9	10856.1	10272.5	11116.6	12140.2	12436.5
50°	11906.7	10883.1	11359.0	12095.3	12346.7	11951.6	10802.3	11385.9	12454.5	12786.7
52.5°	12319.8	11574.5	12571.2	13487.1	13729.6	13101.0	11377.0	11825.9	12939.4	13235.7
55°	13163.9	12355.7	13837.3	14887.9	14932.8	14151.6	12149.2	12571.2	13621.8	13963.0
57.5°	14106.7	13316.5	14843.0	16046.3	16028.3	15202.2	13020.2	13576.9	14546.7	14780.2
60°	14959.8	14286.3	15938.5	16872.4	16827.5	15965.5	14034.9	14717.3	15606.3	15785.9
62.5°	15462.6	15166.3	16423.4	17132.8	16962.2	16216.9	14896.9	15732.0	16360.5	16423.4
65°	15381.8	15669.1	15857.7	16297.7	16055.2	15516.5	15318.9	16378.5	16441.4	16378.5
67.5°	14771.2	15381.8	14304.3	14349.2	14223.4	13765.5	14663.4	16207.9	15776.9	15624.2
70°	13846.3	13891.2	11960.6	11394.9	11592.5	10963.9	12580.2	14878.9	14214.5	14025.9
72.5°	12310.8	11754.1	9042.3	8467.6	8763.9	8315.0	10092.9	12966.3	12319.8	11709.2
75°	10326.4	9311.7	6887.2	6070.1	6222.8	6204.8	7821.1	10712.5	9545.1	8934.5
77.5°	8000.7	7255.4	5082.4	4768.1	4606.5	4642.4	5459.5	7964.8	6923.2	6159.9
80°	5845.6	5073.4	3933.0	4112.6	4022.8	3807.3	3825.2	5333.8	4813.0	4355.0
82.5°	4040.7	3609.7	3187.7	3600.8	3385.3	3053.0	2981.2	3843.2	3609.7	3331.4
85°	2711.8	2972.2	2532.2	2756.7	2388.5	2200.0	2801.6	3214.6	2595.1	2316.7
87.5°	1769.0	2720.8	1822.8	1382.8	790.2	1059.6	1715.1	2110.2	1212.2	655.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)