

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: P599088

Luminaire Tested: **IFLD-S-SA3D-830-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599088
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3D-830-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (48) 3000K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

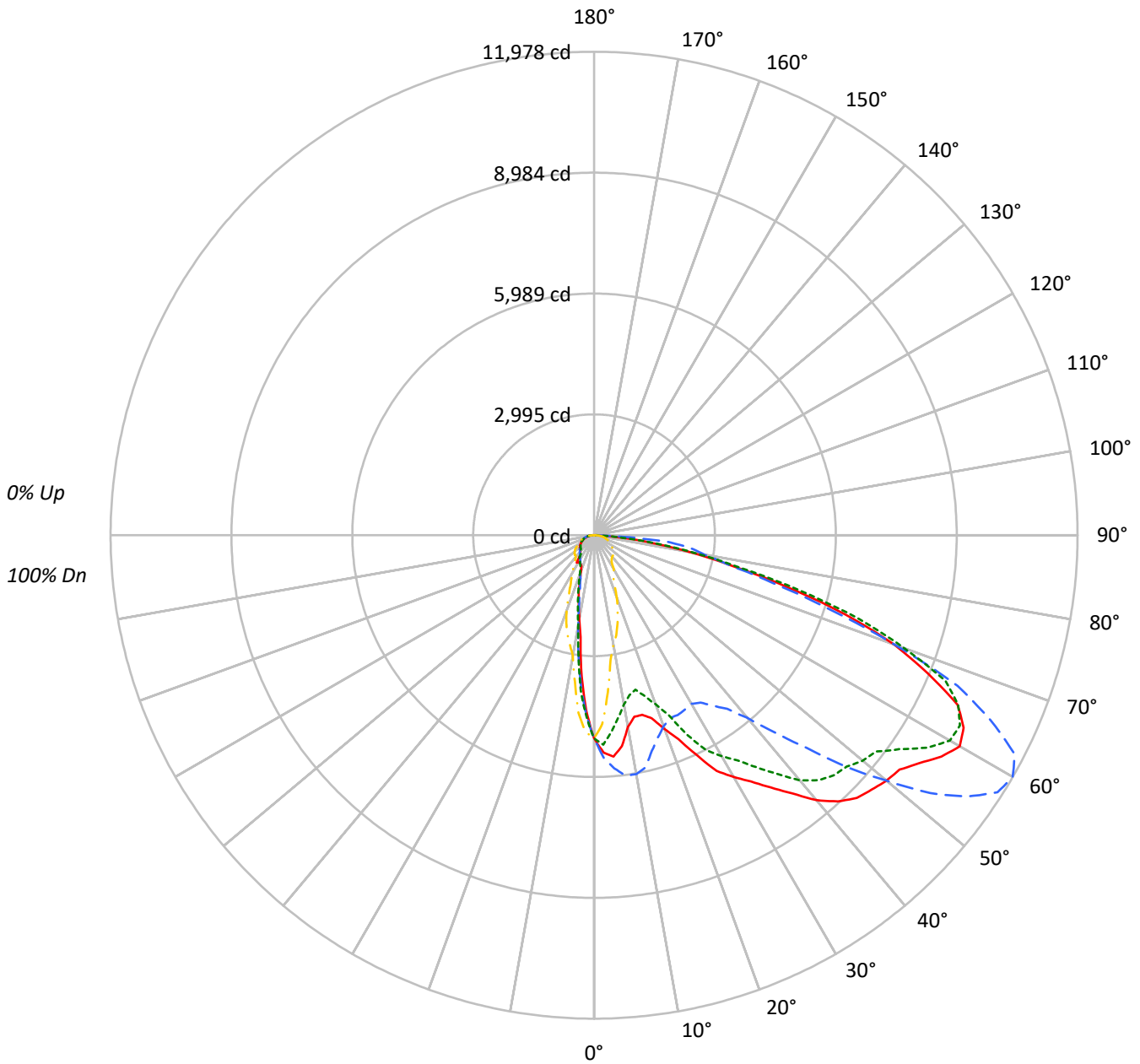
Lumens per Lamp: N/A
 Luminaire Lumens: 15753.0 lumens
 Efficiency: N/A
 Efficacy: 85.6 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 184.1
 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	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	80	80	80	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	62	62	62	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	50	50	50	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	40	40	40	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	34	34	34	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	29	29	29	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	25	25	25	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	22	22	22	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	19	19	19	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	17	17	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	72210	72210	72210	72210
5°	79332	70472	50539	55170
10°	70269	62020	30653	32893
15°	68423	58871	21700	22531
20°	78019	68093	14195	15688
25°	95058	86315	12394	12836
30°	114533	104689	12855	11929
35°	133576	122923	10652	10039
40°	160511	148466	9950	9426
45°	186796	170626	10071	9361
50°	211105	193942	10297	9675
55°	246194	231156	10667	10141
60°	300273	292049	10632	10632
65°	337455	337931	10918	11390
70°	331648	343376	11435	11728
75°	273575	291785	12011	12787
80°	197523	207342	13282	13860
85°	109324	117376	14952	18410

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	390.9	2.5
10°-20°	825.3	5.2
20°-30°	1207.4	7.7
30°-40°	1701.2	10.8
40°-50°	2338.0	14.8
50°-60°	3186.4	20.2
60°-70°	3487.4	22.1
70°-80°	2013.4	12.8
80°-90°	602.9	3.8
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°	2423.6	15.4
0°-40°	4124.8	26.2
0°-60°	9649.2	61.3
0°-90°	15753.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15753.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5031	5031	5031	5031	5031	
5°	5507	4892	3508	3830	5507	500
15°	4605	3962	1460	1516	4605	1345
25°	6003	5451	783	811	6003	2811
35°	7624	7016	608	573	7624	4834
45°	9203	8407	496	461	9203	7073
55°	9839	9238	426	405	9839	8878
65°	9937	9951	322	335	9937	9511
75°	4934	5262	217	231	4934	5300
85°	664	713	91	112	664	921
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°	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4
2.5°	5387.8	5366.8	5387.8	5464.7	5485.6	5520.6	5520.6	5471.7	5380.8	5338.9	5269.0
5°	5506.6	5471.7	5646.4	5807.1	5932.9	5918.9	5800.1	5702.3	5520.6	5248.0	4989.5
7.5°	5269.0	5303.9	5429.7	5849.0	6142.5	6198.4	6009.7	5814.1	5422.7	5045.4	4696.0
10°	4821.8	4870.7	5143.2	5576.5	6037.7	6128.5	6009.7	5772.1	5303.9	4835.7	4430.4
12.5°	4605.1	4716.9	4877.7	5401.8	5730.2	5946.8	5890.9	5737.2	5213.1	4661.0	4269.7
15°	4605.1	4633.1	4870.7	5310.9	5499.6	5506.6	5527.6	5555.5	5241.1	4737.9	4213.8
17.5°	4751.9	4828.8	5031.4	5303.9	5338.9	5255.0	5255.0	5373.8	5297.0	4954.5	4416.5
20°	5108.3	5080.3	5345.9	5457.7	5269.0	5059.4	5038.4	5241.1	5359.8	5185.1	4786.8
22.5°	5464.7	5590.5	5807.1	5555.5	5206.1	4926.6	4898.6	5150.2	5548.5	5583.5	5213.1
25°	6002.8	6128.5	6240.3	5932.9	5199.1	4891.6	4912.6	5108.3	5779.1	6149.5	5925.9
27.5°	6582.8	6659.6	6820.4	6345.2	5366.8	4849.7	4870.7	5164.2	5995.8	6519.9	6484.9
30°	6911.2	6995.1	6960.1	6422.0	5478.6	4877.7	4821.8	5241.1	5877.0	6519.9	6848.3
32.5°	7232.7	7183.7	7162.8	6547.8	5618.4	5052.4	4912.6	5401.8	5946.8	6624.7	7316.5
35°	7624.0	7554.1	7498.2	6792.4	5849.0	5220.1	5157.2	5611.4	6100.6	6841.3	7693.9
37.5°	8057.2	8057.2	7784.7	6974.1	6121.5	5492.6	5422.7	5911.9	6345.2	6974.1	8211.0
40°	8567.4	8588.3	8106.2	7218.7	6429.0	5925.9	5904.9	6303.2	6582.8	7169.8	8707.1
42.5°	8944.7	8958.7	8385.7	7309.5	6785.4	6526.9	6617.7	6932.2	6855.3	7344.5	8742.1
45°	9203.3	9133.4	8581.3	7568.1	7176.7	7428.3	7456.3	7547.1	7211.7	7449.3	8881.8
47.5°	9329.1	9315.1	8665.2	7868.6	8001.3	8343.8	8504.5	8378.7	7540.1	7337.5	8881.8
50°	9454.9	9336.1	8742.1	8280.9	8805.0	9496.8	9461.8	9231.2	7994.4	7477.2	8749.1
52.5°	9538.7	9433.9	8895.8	8651.2	9573.7	10356.3	10496.1	10069.8	8525.4	7735.8	8812.0
55°	9839.2	9755.3	9357.0	9154.4	10461.1	11264.8	11285.7	10691.7	9084.5	8162.1	9224.3
57.5°	10202.6	10251.5	9992.9	9867.2	11139.0	11928.6	11851.8	11153.0	9559.7	8679.2	9699.4
60°	10461.1	10538.0	10475.1	10489.1	11474.4	12152.3	11977.5	11439.5	9909.1	9070.5	10279.4
62.5°	10321.4	10475.1	10733.7	10677.8	11488.4	11991.5	11746.9	11062.1	9951.0	9580.6	10719.7
65°	9937.0	9951.0	10454.2	10761.6	10859.5	11159.9	10838.5	10272.5	9517.7	9895.1	10656.8
67.5°	8951.7	9063.5	9517.7	10118.7	9706.4	9776.3	9748.4	8930.8	8860.9	9678.5	10174.6
70°	7903.5	7980.4	8476.5	9182.3	8197.0	7868.6	7931.5	7323.5	7610.0	9007.6	9203.3
72.5°	6533.8	6582.8	7148.8	7770.7	6575.8	5988.8	6135.5	5639.4	6044.7	7882.5	7763.7
75°	4933.6	5024.4	5464.7	6198.4	4842.7	4465.4	4612.1	4409.5	4786.8	6491.9	6023.7
77.5°	3508.0	3438.1	3983.2	4849.7	3640.8	3417.2	3431.1	3466.1	3871.4	5471.7	4325.6
80°	2389.9	2410.9	2900.0	3556.9	2858.1	2823.2	2788.2	3067.8	3249.5	4332.6	3144.6
82.5°	1418.6	1418.6	1956.7	2529.7	2257.1	2543.7	2382.9	2634.5	2543.7	3186.6	2061.5
85°	663.9	663.9	1006.3	1823.9	1747.0	2096.4	1782.0	1991.6	1879.8	2222.2	929.4
87.5°	111.8	97.8	202.7	894.5	719.8	817.6	321.5	1062.2	1181.0	1551.4	230.6
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°	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4
2.5°	5192.1	5143.2	5045.4	4919.6	4814.8	4682.0	4640.1	4549.2	4423.4	4409.5	4353.6
5°	4891.6	4723.9	4514.3	4255.7	4081.0	3899.3	3745.6	3654.8	3549.9	3536.0	3508.0
7.5°	4563.2	4353.6	4004.2	3696.7	3396.2	3109.7	2969.9	2795.2	2676.4	2585.6	2543.7
10°	4255.7	4060.1	3626.8	3207.5	2942.0	2753.3	2585.6	2403.9	2257.1	2145.3	2103.4
12.5°	4053.1	3822.5	3354.3	2956.0	2760.3	2543.7	2355.0	2159.3	1970.6	1823.9	1747.0
15°	3962.2	3745.6	3270.4	2830.2	2543.7	2243.2	2026.5	1830.9	1600.3	1495.4	1460.5
17.5°	4178.9	3857.4	3242.5	2683.4	2278.1	1935.7	1670.1	1460.5	1292.8	1188.0	1146.0
20°	4458.4	4060.1	3291.4	2508.7	2026.5	1642.2	1348.7	1125.1	1013.3	936.4	929.4
22.5°	4814.8	4360.6	3368.2	2382.9	1747.0	1320.7	1055.2	922.4	845.6	838.6	824.6
25°	5450.7	4905.6	3494.0	2215.2	1523.4	1090.1	901.5	824.6	789.7	768.7	782.7
27.5°	5995.8	5262.0	3584.9	2110.4	1432.6	1027.2	873.5	789.7	754.7	747.7	754.7
30°	6317.2	5590.5	3556.9	1914.7	1250.9	978.3	929.4	901.5	831.6	775.7	775.7
32.5°	6610.7	5800.1	3549.9	1740.0	1069.2	817.6	775.7	754.7	796.6	824.6	803.6
35°	7016.0	6128.5	3529.0	1642.2	992.3	754.7	684.8	628.9	601.0	587.0	608.0
37.5°	7449.3	6352.2	3473.1	1628.2	950.4	719.8	663.9	608.0	580.0	566.0	559.0
40°	7924.5	6589.7	3410.2	1558.3	929.4	698.8	642.9	594.0	559.0	538.1	531.1
42.5°	8231.9	6778.4	3347.3	1523.4	887.5	684.8	621.9	580.0	545.1	517.1	517.1
45°	8406.6	7002.0	3284.4	1488.5	838.6	691.8	621.9	566.0	524.1	510.1	496.2
47.5°	8483.5	7169.8	3263.4	1432.6	796.6	663.9	608.0	552.1	510.1	482.2	475.2
50°	8686.2	7526.1	3340.3	1390.6	747.7	635.9	642.9	545.1	503.1	468.2	461.2
52.5°	8805.0	7812.7	3508.0	1327.7	712.8	601.0	628.9	531.1	482.2	447.2	447.2
55°	9238.2	8287.8	3689.7	1278.8	670.9	552.1	580.0	503.1	447.2	426.3	426.3
57.5°	9790.3	8791.0	3843.4	1257.9	642.9	517.1	517.1	489.2	426.3	398.3	391.3
60°	10174.6	9203.3	3934.3	1243.9	615.0	482.2	461.2	489.2	405.3	377.4	370.4
62.5°	10216.6	8965.7	3843.4	1236.9	608.0	447.2	419.3	468.2	384.3	356.4	342.4
65°	9951.0	8483.5	3591.9	1208.9	601.0	412.3	391.3	405.3	356.4	335.4	321.5
67.5°	9419.9	7700.9	3228.5	1195.0	594.0	384.3	356.4	349.4	328.4	307.5	293.5
70°	8183.0	6680.6	2802.2	1132.1	580.0	363.4	321.5	314.5	293.5	279.5	272.5
72.5°	6869.3	5464.7	2313.1	1048.2	552.1	328.4	293.5	279.5	272.5	251.6	244.6
75°	5262.0	4206.8	1851.8	929.4	482.2	293.5	258.6	244.6	237.6	223.6	216.6
77.5°	3696.7	3130.7	1369.7	754.7	405.3	265.5	230.6	216.6	209.6	188.7	188.7
80°	2508.7	2194.3	929.4	524.1	314.5	216.6	202.7	188.7	174.7	160.7	160.7
82.5°	1558.3	1537.4	670.9	342.4	230.6	174.7	160.7	160.7	139.8	125.8	125.8
85°	712.8	943.4	468.2	237.6	174.7	132.8	132.8	125.8	111.8	90.8	90.8
87.5°	223.6	314.5	244.6	104.8	97.8	76.9	76.9	69.9	69.9	55.9	55.9
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4
2.5°	4409.5	4402.5	4402.5	4374.5	4444.4	4444.4	4486.3	4451.4	4472.4	4479.4	4535.3
5°	3501.0	3556.9	3598.9	3682.7	3731.6	3752.6	3752.6	3808.5	3787.5	3829.5	3913.3
7.5°	2564.6	2634.5	2760.3	2865.1	2949.0	2976.9	2969.9	2983.9	3004.9	2956.0	2969.9
10°	2075.5	2026.5	2068.5	2166.3	2243.2	2334.0	2264.1	2257.1	2278.1	2257.1	2299.1
12.5°	1733.0	1677.1	1642.2	1642.2	1698.1	1740.0	1719.1	1754.0	1830.9	1851.8	1900.8
15°	1404.6	1355.7	1327.7	1292.8	1348.7	1362.7	1383.6	1432.6	1488.5	1516.4	1572.3
17.5°	1125.1	1125.1	1125.1	1097.1	1118.1	1139.1	1146.0	1208.9	1215.9	1243.9	1264.8
20°	922.4	943.4	978.3	992.3	1013.3	1013.3	999.3	1034.2	1006.3	1027.2	1041.2
22.5°	831.6	859.5	873.5	880.5	908.4	915.4	880.5	887.5	894.5	873.5	880.5
25°	782.7	796.6	782.7	789.7	796.6	782.7	789.7	803.6	796.6	810.6	803.6
27.5°	761.7	747.7	740.7	733.7	733.7	719.8	726.8	726.8	740.7	747.7	747.7
30°	761.7	740.7	712.8	691.8	691.8	670.9	684.8	698.8	705.8	719.8	719.8
32.5°	782.7	740.7	691.8	670.9	649.9	635.9	649.9	670.9	698.8	705.8	712.8
35°	621.9	642.9	635.9	608.0	601.0	601.0	594.0	594.0	573.0	573.0	566.0
37.5°	559.0	552.1	566.0	573.0	580.0	559.0	559.0	531.1	524.1	531.1	531.1
40°	524.1	524.1	524.1	545.1	552.1	538.1	517.1	503.1	503.1	503.1	510.1
42.5°	510.1	496.2	489.2	503.1	524.1	510.1	489.2	482.2	482.2	489.2	489.2
45°	489.2	482.2	475.2	468.2	496.2	475.2	468.2	461.2	461.2	461.2	468.2
47.5°	468.2	461.2	447.2	447.2	454.2	447.2	440.2	440.2	440.2	454.2	454.2
50°	454.2	447.2	433.3	433.3	433.3	433.3	426.3	426.3	426.3	433.3	440.2
52.5°	433.3	426.3	419.3	412.3	412.3	412.3	412.3	412.3	412.3	419.3	426.3
55°	412.3	405.3	398.3	398.3	405.3	405.3	398.3	405.3	398.3	405.3	412.3
57.5°	391.3	384.3	377.4	384.3	391.3	384.3	384.3	384.3	384.3	384.3	391.3
60°	363.4	363.4	363.4	363.4	377.4	377.4	377.4	377.4	363.4	370.4	377.4
62.5°	349.4	342.4	342.4	349.4	356.4	356.4	363.4	356.4	349.4	356.4	356.4
65°	321.5	321.5	321.5	328.4	328.4	335.4	335.4	335.4	328.4	335.4	335.4
67.5°	300.5	300.5	300.5	300.5	314.5	314.5	314.5	314.5	307.5	307.5	314.5
70°	265.5	272.5	265.5	279.5	293.5	286.5	293.5	293.5	286.5	279.5	293.5
72.5°	244.6	244.6	244.6	244.6	265.5	265.5	265.5	272.5	265.5	258.6	265.5
75°	216.6	216.6	216.6	223.6	237.6	237.6	237.6	237.6	237.6	230.6	230.6
77.5°	188.7	195.7	188.7	195.7	209.6	202.7	209.6	216.6	209.6	202.7	202.7
80°	160.7	160.7	160.7	167.7	174.7	174.7	174.7	181.7	174.7	167.7	167.7
82.5°	125.8	125.8	132.8	132.8	139.8	139.8	139.8	146.7	139.8	132.8	132.8
85°	97.8	97.8	97.8	104.8	104.8	111.8	111.8	118.8	118.8	111.8	111.8
87.5°	62.9	55.9	62.9	62.9	69.9	69.9	62.9	55.9	62.9	55.9	48.9
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: P599088
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4	5031.4
2.5°	4591.2	4716.9	4807.8	4870.7	4961.5	5136.2	5206.1	5331.9	5366.8	5387.8
5°	3948.3	4081.0	4276.7	4416.5	4577.2	4905.6	5157.2	5345.9	5429.7	5506.6
7.5°	3095.7	3270.4	3473.1	3654.8	3920.3	4325.6	4654.1	5045.4	5192.1	5269.0
10°	2417.9	2578.6	2802.2	3025.8	3396.2	3738.6	4206.8	4563.2	4765.9	4821.8
12.5°	2040.5	2229.2	2494.7	2767.3	2997.9	3389.2	3864.4	4381.5	4570.2	4605.1
15°	1733.0	1991.6	2264.1	2543.7	2809.2	3151.6	3661.7	4290.7	4570.2	4605.1
17.5°	1432.6	1663.2	1984.6	2285.1	2592.6	3060.8	3696.7	4367.5	4647.1	4751.9
20°	1139.1	1362.7	1614.2	1991.6	2410.9	2907.0	3773.6	4626.1	4996.5	5108.3
22.5°	943.4	1041.2	1285.8	1649.2	2145.3	2802.2	3850.4	5031.4	5422.7	5464.7
25°	824.6	894.5	1048.2	1390.6	1935.7	2732.3	4032.1	5499.6	6002.8	6002.8
27.5°	768.7	796.6	901.5	1208.9	1788.9	2669.4	4213.8	6016.7	6484.9	6582.8
30°	754.7	824.6	880.5	1076.2	1628.2	2494.7	4381.5	6422.0	6904.2	6911.2
32.5°	740.7	726.8	768.7	936.4	1432.6	2313.1	4521.3	6834.3	7211.7	7232.7
35°	580.0	608.0	677.8	824.6	1285.8	2180.3	4591.2	7057.9	7603.0	7624.0
37.5°	545.1	580.0	635.9	761.7	1188.0	2068.5	4612.1	7491.2	8015.3	8057.2
40°	531.1	559.0	601.0	705.8	1111.1	1928.7	4654.1	7938.4	8623.3	8567.4
42.5°	503.1	538.1	580.0	677.8	1048.2	1823.9	4661.0	8183.0	8944.7	8944.7
45°	496.2	517.1	566.0	677.8	978.3	1733.0	4549.2	8427.6	9315.1	9203.3
47.5°	468.2	510.1	552.1	656.9	894.5	1642.2	4416.5	8553.4	9364.0	9329.1
50°	461.2	503.1	573.0	621.9	845.6	1600.3	4388.5	8867.9	9461.8	9454.9
52.5°	447.2	489.2	594.0	594.0	782.7	1544.4	4521.3	9007.6	9482.8	9538.7
55°	426.3	489.2	552.1	545.1	726.8	1474.5	4668.0	9371.0	9853.2	9839.2
57.5°	412.3	475.2	524.1	496.2	663.9	1425.6	4884.7	9720.4	10300.4	10202.6
60°	391.3	475.2	468.2	461.2	615.0	1383.6	5066.3	9790.3	10398.2	10461.1
62.5°	377.4	496.2	412.3	426.3	573.0	1362.7	4989.5	9266.2	10265.5	10321.4
65°	363.4	426.3	377.4	391.3	559.0	1320.7	4689.0	8637.3	9692.5	9937.0
67.5°	335.4	349.4	349.4	363.4	545.1	1222.9	4074.0	7505.2	8818.9	8951.7
70°	307.5	314.5	314.5	335.4	531.1	1111.1	3361.3	6491.9	7651.9	7903.5
72.5°	279.5	279.5	279.5	307.5	489.2	1020.3	2767.3	4989.5	6359.1	6533.8
75°	244.6	244.6	244.6	272.5	440.2	929.4	2180.3	3710.7	4682.0	4933.6
77.5°	216.6	216.6	209.6	244.6	384.3	754.7	1572.3	2620.5	3298.4	3508.0
80°	181.7	174.7	174.7	195.7	300.5	545.1	1013.3	1851.8	2299.1	2389.9
82.5°	146.7	139.8	132.8	146.7	216.6	342.4	628.9	1292.8	1474.5	1418.6
85°	139.8	146.7	118.8	111.8	153.7	223.6	398.3	796.6	663.9	663.9
87.5°	55.9	48.9	48.9	41.9	76.9	83.9	174.7	146.7	111.8	111.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)