

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: P599086

Luminaire Tested: **IFLD-S-SA3B-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: P599086
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3B-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

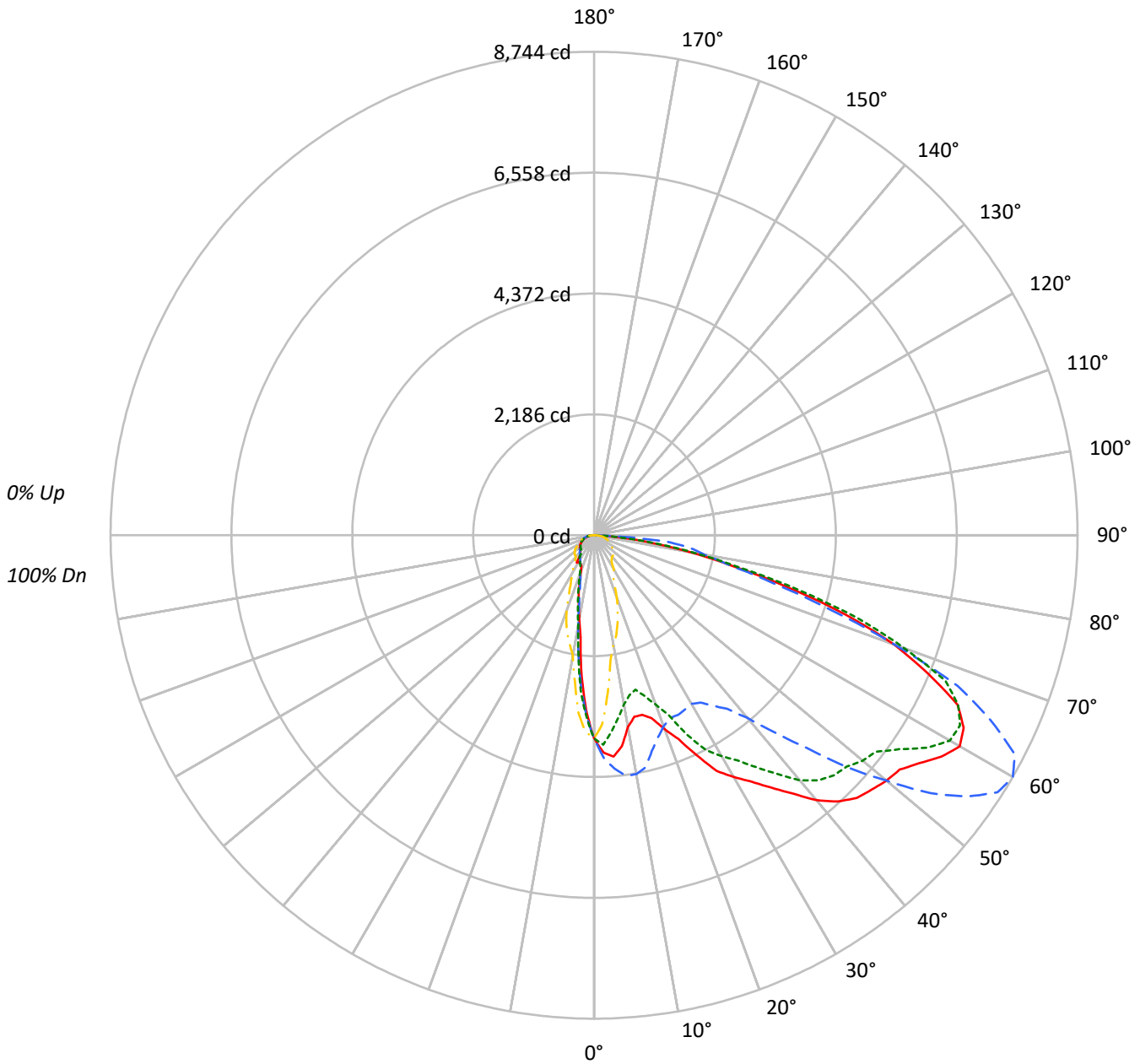
Lumens per Lamp: N/A
 Luminaire Lumens: 11500.8 lumens
 Efficiency: N/A
 Efficacy: 94.0 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 122.4
 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	
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77			77	
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60			60	
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47			47	
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38			38	
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31			31	
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26			26	
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22			22	
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19			19	
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17			17	
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15			15	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	52719	52719	52719	52719
5°	57918	51451	36897	40278
10°	51302	45279	22379	24015
15°	49955	42980	15843	16449
20°	56959	49713	10363	11455
25°	69399	63016	9048	9371
30°	83618	76431	9385	8709
35°	97520	89743	7777	7329
40°	117184	108392	7264	6881
45°	136375	124571	7351	6834
50°	154123	141593	7518	7062
55°	179741	168762	7787	7404
60°	219222	213217	7762	7762
65°	246369	246715	7970	8317
70°	242130	250690	8350	8564
75°	199731	213028	8772	9338
80°	144206	151380	9695	10116
85°	79815	85694	10918	13437

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	285.4	2.5
10°-20°	602.5	5.2
20°-30°	881.5	7.7
30°-40°	1242.0	10.8
40°-50°	1706.9	14.8
50°-60°	2326.3	20.2
60°-70°	2546.1	22.1
70°-80°	1469.9	12.8
80°-90°	440.2	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°	1769.4	15.4
0°-40°	3011.4	26.2
0°-60°	7044.7	61.3
0°-90°	11500.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11500.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3673	3673	3673	3673	3673	
5°	4020	3571	2561	2796	4020	365
15°	3362	2893	1066	1107	3362	982
25°	4382	3979	571	592	4382	2052
35°	5566	5122	444	418	5566	3529
45°	6719	6138	362	337	6719	5164
55°	7183	6745	311	296	7183	6481
65°	7255	7265	235	245	7255	6944
75°	3602	3842	158	168	3602	3869
85°	485	520	66	82	485	672
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°	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3
2.5°	3933.5	3918.2	3933.5	3989.6	4004.9	4030.4	4030.4	3994.7	3928.4	3897.8	3846.8
5°	4020.2	3994.7	4122.3	4239.6	4331.4	4321.2	4234.5	4163.1	4030.4	3831.5	3642.7
7.5°	3846.8	3872.3	3964.1	4270.2	4484.5	4525.3	4387.6	4244.7	3959.0	3683.5	3428.4
10°	3520.3	3556.0	3754.9	4071.2	4408.0	4474.3	4387.6	4214.1	3872.3	3530.5	3234.5
12.5°	3362.1	3443.7	3561.1	3943.7	4183.5	4341.6	4300.8	4188.6	3806.0	3402.9	3117.2
15°	3362.1	3382.5	3556.0	3877.4	4015.1	4020.2	4035.5	4055.9	3826.4	3459.0	3076.4
17.5°	3469.2	3525.4	3673.3	3872.3	3897.8	3836.6	3836.6	3923.3	3867.2	3617.2	3224.3
20°	3729.4	3709.0	3902.9	3984.5	3846.8	3693.7	3678.4	3826.4	3913.1	3785.5	3494.7
22.5°	3989.6	4081.5	4239.6	4055.9	3800.9	3596.8	3576.4	3760.0	4050.8	4076.3	3806.0
25°	4382.5	4474.3	4555.9	4331.4	3795.7	3571.3	3586.6	3729.4	4219.2	4489.6	4326.3
27.5°	4805.9	4862.0	4979.4	4632.4	3918.2	3540.7	3556.0	3770.2	4377.4	4760.0	4734.5
30°	5045.7	5106.9	5081.4	4688.6	3999.8	3561.1	3520.3	3826.4	4290.6	4760.0	4999.8
32.5°	5280.4	5244.7	5229.4	4780.4	4101.9	3688.6	3586.6	3943.7	4341.6	4836.5	5341.6
35°	5566.1	5515.1	5474.2	4959.0	4270.2	3811.1	3765.1	4096.8	4453.9	4994.7	5617.1
37.5°	5882.4	5882.4	5683.4	5091.6	4469.2	4010.0	3959.0	4316.1	4632.4	5091.6	5994.6
40°	6254.8	6270.1	5918.1	5270.2	4693.7	4326.3	4311.0	4601.8	4805.9	5234.5	6356.9
42.5°	6530.3	6540.5	6122.2	5336.5	4953.9	4765.1	4831.4	5061.0	5004.9	5362.0	6382.4
45°	6719.1	6668.1	6265.0	5525.3	5239.6	5423.2	5443.6	5510.0	5265.1	5438.5	6484.4
47.5°	6810.9	6800.7	6326.2	5744.6	5841.6	6091.6	6208.9	6117.1	5504.9	5356.9	6484.4
50°	6902.8	6816.0	6382.4	6045.6	6428.3	6933.4	6907.9	6739.5	5836.5	5458.9	6387.5
52.5°	6964.0	6887.4	6494.6	6316.0	6989.5	7560.9	7662.9	7351.7	6224.2	5647.7	6433.4
55°	7183.4	7122.1	6831.3	6683.4	7637.4	8224.1	8239.4	7805.8	6632.4	5958.9	6734.4
57.5°	7448.6	7484.4	7295.6	7203.8	8132.3	8708.8	8652.7	8142.5	6979.3	6336.5	7081.3
60°	7637.4	7693.5	7647.6	7657.8	8377.2	8872.1	8744.5	8351.7	7234.4	6622.2	7504.8
62.5°	7535.4	7647.6	7836.4	7795.6	8387.4	8754.7	8576.1	8076.2	7265.0	6994.6	7826.2
65°	7254.8	7265.0	7632.3	7856.8	7928.2	8147.6	7912.9	7499.7	6948.7	7224.2	7780.3
67.5°	6535.4	6617.1	6948.7	7387.4	7086.4	7137.4	7117.0	6520.1	6469.1	7066.0	7428.2
70°	5770.2	5826.3	6188.5	6703.8	5984.4	5744.6	5790.6	5346.7	5555.9	6576.2	6719.1
72.5°	4770.2	4805.9	5219.2	5673.2	4800.8	4372.3	4479.4	4117.2	4413.1	5754.8	5668.1
75°	3601.9	3668.2	3989.6	4525.3	3535.6	3260.1	3367.2	3219.2	3494.7	4739.6	4397.8
77.5°	2561.1	2510.1	2908.0	3540.7	2658.0	2494.8	2505.0	2530.5	2826.4	3994.7	3158.0
80°	1744.8	1760.1	2117.3	2596.8	2086.6	2061.1	2035.6	2239.7	2372.3	3163.1	2295.8
82.5°	1035.7	1035.7	1428.5	1846.9	1647.9	1857.1	1739.7	1923.4	1857.1	2326.4	1505.0
85°	484.7	484.7	734.7	1331.6	1275.5	1530.5	1301.0	1454.0	1372.4	1622.4	678.5
87.5°	81.6	71.4	148.0	653.0	525.5	596.9	234.7	775.5	862.2	1132.6	168.4
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3
2.5°	3790.6	3754.9	3683.5	3591.7	3515.1	3418.2	3387.6	3321.3	3229.4	3219.2	3178.4
5°	3571.3	3448.8	3295.8	3107.0	2979.5	2846.8	2734.6	2668.2	2591.7	2581.5	2561.1
7.5°	3331.5	3178.4	2923.3	2698.9	2479.5	2270.3	2168.3	2040.7	1954.0	1887.7	1857.1
10°	3107.0	2964.2	2647.8	2341.7	2147.9	2010.1	1887.7	1755.0	1647.9	1566.3	1535.6
12.5°	2959.1	2790.7	2448.9	2158.1	2015.2	1857.1	1719.3	1576.5	1438.7	1331.6	1275.5
15°	2892.7	2734.6	2387.6	2066.2	1857.1	1637.7	1479.5	1336.7	1168.3	1091.8	1066.3
17.5°	3050.9	2816.2	2367.2	1959.1	1663.2	1413.2	1219.3	1066.3	943.8	867.3	836.7
20°	3255.0	2964.2	2403.0	1831.6	1479.5	1198.9	984.7	821.4	739.8	683.6	678.5
22.5°	3515.1	3183.5	2459.1	1739.7	1275.5	964.2	770.4	673.4	617.3	612.2	602.0
25°	3979.4	3581.5	2550.9	1617.3	1112.2	795.9	658.1	602.0	576.5	561.2	571.4
27.5°	4377.4	3841.7	2617.2	1540.7	1045.9	750.0	637.7	576.5	551.0	545.9	551.0
30°	4612.0	4081.5	2596.8	1397.9	913.2	714.3	678.5	658.1	607.1	566.3	566.3
32.5°	4826.3	4234.5	2591.7	1270.4	780.6	596.9	566.3	551.0	581.6	602.0	586.7
35°	5122.2	4474.3	2576.4	1198.9	724.5	551.0	500.0	459.2	438.8	428.6	443.9
37.5°	5438.5	4637.5	2535.6	1188.7	693.8	525.5	484.7	443.9	423.5	413.2	408.1
40°	5785.5	4811.0	2489.7	1137.7	678.5	510.2	469.4	433.7	408.1	392.8	387.7
42.5°	6009.9	4948.8	2443.8	1112.2	647.9	500.0	454.1	423.5	397.9	377.5	377.5
45°	6137.5	5112.0	2397.9	1086.7	612.2	505.1	454.1	413.2	382.6	372.4	362.2
47.5°	6193.6	5234.5	2382.5	1045.9	581.6	484.7	443.9	403.0	372.4	352.0	346.9
50°	6341.6	5494.7	2438.7	1015.3	545.9	464.3	469.4	397.9	367.3	341.8	336.7
52.5°	6428.3	5703.8	2561.1	969.3	520.4	438.8	459.2	387.7	352.0	326.5	326.5
55°	6744.6	6050.8	2693.8	933.6	489.8	403.0	423.5	367.3	326.5	311.2	311.2
57.5°	7147.6	6418.1	2806.0	918.3	469.4	377.5	377.5	357.1	311.2	290.8	285.7
60°	7428.2	6719.1	2872.3	908.1	449.0	352.0	336.7	357.1	295.9	275.5	270.4
62.5°	7458.9	6545.6	2806.0	903.0	443.9	326.5	306.1	341.8	280.6	260.2	250.0
65°	7265.0	6193.6	2622.3	882.6	438.8	301.0	285.7	295.9	260.2	244.9	234.7
67.5°	6877.2	5622.2	2357.0	872.4	433.7	280.6	260.2	255.1	239.8	224.5	214.3
70°	5974.2	4877.3	2045.8	826.5	423.5	265.3	234.7	229.6	214.3	204.1	199.0
72.5°	5015.1	3989.6	1688.7	765.3	403.0	239.8	214.3	204.1	199.0	183.7	178.6
75°	3841.7	3071.3	1352.0	678.5	352.0	214.3	188.8	178.6	173.5	163.3	158.2
77.5°	2698.9	2285.6	1000.0	551.0	295.9	193.9	168.4	158.2	153.1	137.7	137.7
80°	1831.6	1602.0	678.5	382.6	229.6	158.2	148.0	137.7	127.5	117.3	117.3
82.5°	1137.7	1122.4	489.8	250.0	168.4	127.5	117.3	117.3	102.0	91.8	91.8
85°	520.4	688.7	341.8	173.5	127.5	96.9	96.9	91.8	81.6	66.3	66.3
87.5°	163.3	229.6	178.6	76.5	71.4	56.1	56.1	51.0	51.0	40.8	40.8
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3
2.5°	3219.2	3214.1	3214.1	3193.7	3244.8	3244.8	3275.4	3249.9	3265.2	3270.3	3311.1
5°	2556.0	2596.8	2627.4	2688.7	2724.4	2739.7	2739.7	2780.5	2765.2	2795.8	2857.0
7.5°	1872.4	1923.4	2015.2	2091.7	2153.0	2173.4	2168.3	2178.5	2193.8	2158.1	2168.3
10°	1515.2	1479.5	1510.1	1581.6	1637.7	1704.0	1653.0	1647.9	1663.2	1647.9	1678.5
12.5°	1265.2	1224.4	1198.9	1198.9	1239.7	1270.4	1255.0	1280.6	1336.7	1352.0	1387.7
15°	1025.5	989.8	969.3	943.8	984.7	994.9	1010.2	1045.9	1086.7	1107.1	1147.9
17.5°	821.4	821.4	821.4	801.0	816.3	831.6	836.7	882.6	887.7	908.1	923.4
20°	673.4	688.7	714.3	724.5	739.8	739.8	729.6	755.1	734.7	750.0	760.2
22.5°	607.1	627.5	637.7	642.8	663.2	668.3	642.8	647.9	653.0	637.7	642.8
25°	571.4	581.6	571.4	576.5	581.6	571.4	576.5	586.7	581.6	591.8	586.7
27.5°	556.1	545.9	540.8	535.7	535.7	525.5	530.6	530.6	540.8	545.9	545.9
30°	556.1	540.8	520.4	505.1	505.1	489.8	500.0	510.2	515.3	525.5	525.5
32.5°	571.4	540.8	505.1	489.8	474.5	464.3	474.5	489.8	510.2	515.3	520.4
35°	454.1	469.4	464.3	443.9	438.8	438.8	433.7	433.7	418.3	418.3	413.2
37.5°	408.1	403.0	413.2	418.3	423.5	408.1	408.1	387.7	382.6	387.7	387.7
40°	382.6	382.6	382.6	397.9	403.0	392.8	377.5	367.3	367.3	367.3	372.4
42.5°	372.4	362.2	357.1	367.3	382.6	372.4	357.1	352.0	352.0	357.1	357.1
45°	357.1	352.0	346.9	341.8	362.2	346.9	341.8	336.7	336.7	336.7	341.8
47.5°	341.8	336.7	326.5	326.5	331.6	326.5	321.4	321.4	321.4	331.6	331.6
50°	331.6	326.5	316.3	316.3	316.3	316.3	311.2	311.2	311.2	316.3	321.4
52.5°	316.3	311.2	306.1	301.0	301.0	301.0	301.0	301.0	301.0	306.1	311.2
55°	301.0	295.9	290.8	290.8	295.9	295.9	290.8	295.9	290.8	295.9	301.0
57.5°	285.7	280.6	275.5	280.6	285.7	280.6	280.6	280.6	280.6	280.6	285.7
60°	265.3	265.3	265.3	265.3	275.5	275.5	275.5	275.5	265.3	270.4	275.5
62.5°	255.1	250.0	250.0	255.1	260.2	260.2	265.3	260.2	255.1	260.2	260.2
65°	234.7	234.7	234.7	239.8	239.8	244.9	244.9	244.9	239.8	244.9	244.9
67.5°	219.4	219.4	219.4	219.4	229.6	229.6	229.6	229.6	224.5	224.5	229.6
70°	193.9	199.0	193.9	204.1	214.3	209.2	214.3	214.3	209.2	204.1	214.3
72.5°	178.6	178.6	178.6	178.6	193.9	193.9	193.9	199.0	193.9	188.8	193.9
75°	158.2	158.2	158.2	163.3	173.5	173.5	173.5	173.5	173.5	168.4	168.4
77.5°	137.7	142.9	137.7	142.9	153.1	148.0	153.1	158.2	153.1	148.0	148.0
80°	117.3	117.3	117.3	122.4	127.5	127.5	127.5	132.6	127.5	122.4	122.4
82.5°	91.8	91.8	96.9	96.9	102.0	102.0	102.0	107.1	102.0	96.9	96.9
85°	71.4	71.4	71.4	76.5	76.5	81.6	81.6	86.7	86.7	81.6	81.6
87.5°	45.9	40.8	45.9	45.9	51.0	51.0	45.9	40.8	45.9	40.8	35.7
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: P599086
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3	3673.3
2.5°	3351.9	3443.7	3510.0	3556.0	3622.3	3749.8	3800.9	3892.7	3918.2	3933.5
5°	2882.5	2979.5	3122.3	3224.3	3341.7	3581.5	3765.1	3902.9	3964.1	4020.2
7.5°	2260.1	2387.6	2535.6	2668.2	2862.1	3158.0	3397.8	3683.5	3790.6	3846.8
10°	1765.2	1882.6	2045.8	2209.1	2479.5	2729.5	3071.3	3331.5	3479.4	3520.3
12.5°	1489.7	1627.5	1821.3	2020.3	2188.7	2474.4	2821.3	3198.8	3336.6	3362.1
15°	1265.2	1454.0	1653.0	1857.1	2050.9	2300.9	2673.4	3132.5	3336.6	3362.1
17.5°	1045.9	1214.2	1448.9	1668.3	1892.8	2234.6	2698.9	3188.6	3392.7	3469.2
20°	831.6	994.9	1178.5	1454.0	1760.1	2122.4	2755.0	3377.4	3647.8	3729.4
22.5°	688.7	760.2	938.7	1204.0	1566.3	2045.8	2811.1	3673.3	3959.0	3989.6
25°	602.0	653.0	765.3	1015.3	1413.2	1994.8	2943.7	4015.1	4382.5	4382.5
27.5°	561.2	581.6	658.1	882.6	1306.1	1948.9	3076.4	4392.7	4734.5	4805.9
30°	551.0	602.0	642.8	785.7	1188.7	1821.3	3198.8	4688.6	5040.6	5045.7
32.5°	540.8	530.6	561.2	683.6	1045.9	1688.7	3300.9	4989.6	5265.1	5280.4
35°	423.5	443.9	494.9	602.0	938.7	1591.8	3351.9	5152.8	5550.8	5566.1
37.5°	397.9	423.5	464.3	556.1	867.3	1510.1	3367.2	5469.1	5851.8	5882.4
40°	387.7	408.1	438.8	515.3	811.2	1408.1	3397.8	5795.7	6295.6	6254.8
42.5°	367.3	392.8	423.5	494.9	765.3	1331.6	3402.9	5974.2	6530.3	6530.3
45°	362.2	377.5	413.2	494.9	714.3	1265.2	3321.3	6152.8	6800.7	6719.1
47.5°	341.8	372.4	403.0	479.6	653.0	1198.9	3224.3	6244.6	6836.4	6810.9
50°	336.7	367.3	418.3	454.1	617.3	1168.3	3203.9	6474.2	6907.9	6902.8
52.5°	326.5	357.1	433.7	433.7	571.4	1127.5	3300.9	6576.2	6923.2	6964.0
55°	311.2	357.1	403.0	397.9	530.6	1076.5	3408.0	6841.5	7193.6	7183.4
57.5°	301.0	346.9	382.6	362.2	484.7	1040.8	3566.2	7096.6	7520.1	7448.6
60°	285.7	346.9	341.8	336.7	449.0	1010.2	3698.8	7147.6	7591.5	7637.4
62.5°	275.5	362.2	301.0	311.2	418.3	994.9	3642.7	6765.0	7494.6	7535.4
65°	265.3	311.2	275.5	285.7	408.1	964.2	3423.3	6305.8	7076.2	7254.8
67.5°	244.9	255.1	255.1	265.3	397.9	892.8	2974.4	5479.3	6438.5	6535.4
70°	224.5	229.6	229.6	244.9	387.7	811.2	2454.0	4739.6	5586.5	5770.2
72.5°	204.1	204.1	204.1	224.5	357.1	744.9	2020.3	3642.7	4642.7	4770.2
75°	178.6	178.6	178.6	199.0	321.4	678.5	1591.8	2709.1	3418.2	3601.9
77.5°	158.2	158.2	153.1	178.6	280.6	551.0	1147.9	1913.2	2408.1	2561.1
80°	132.6	127.5	127.5	142.9	219.4	397.9	739.8	1352.0	1678.5	1744.8
82.5°	107.1	102.0	96.9	107.1	158.2	250.0	459.2	943.8	1076.5	1035.7
85°	102.0	107.1	86.7	81.6	112.2	163.3	290.8	581.6	484.7	484.7
87.5°	40.8	35.7	35.7	30.6	56.1	61.2	127.5	107.1	81.6	81.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)