

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: P599248

Luminaire Tested: **IFLD-L-SA7D-740-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599248
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7D-740-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (112) 4000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

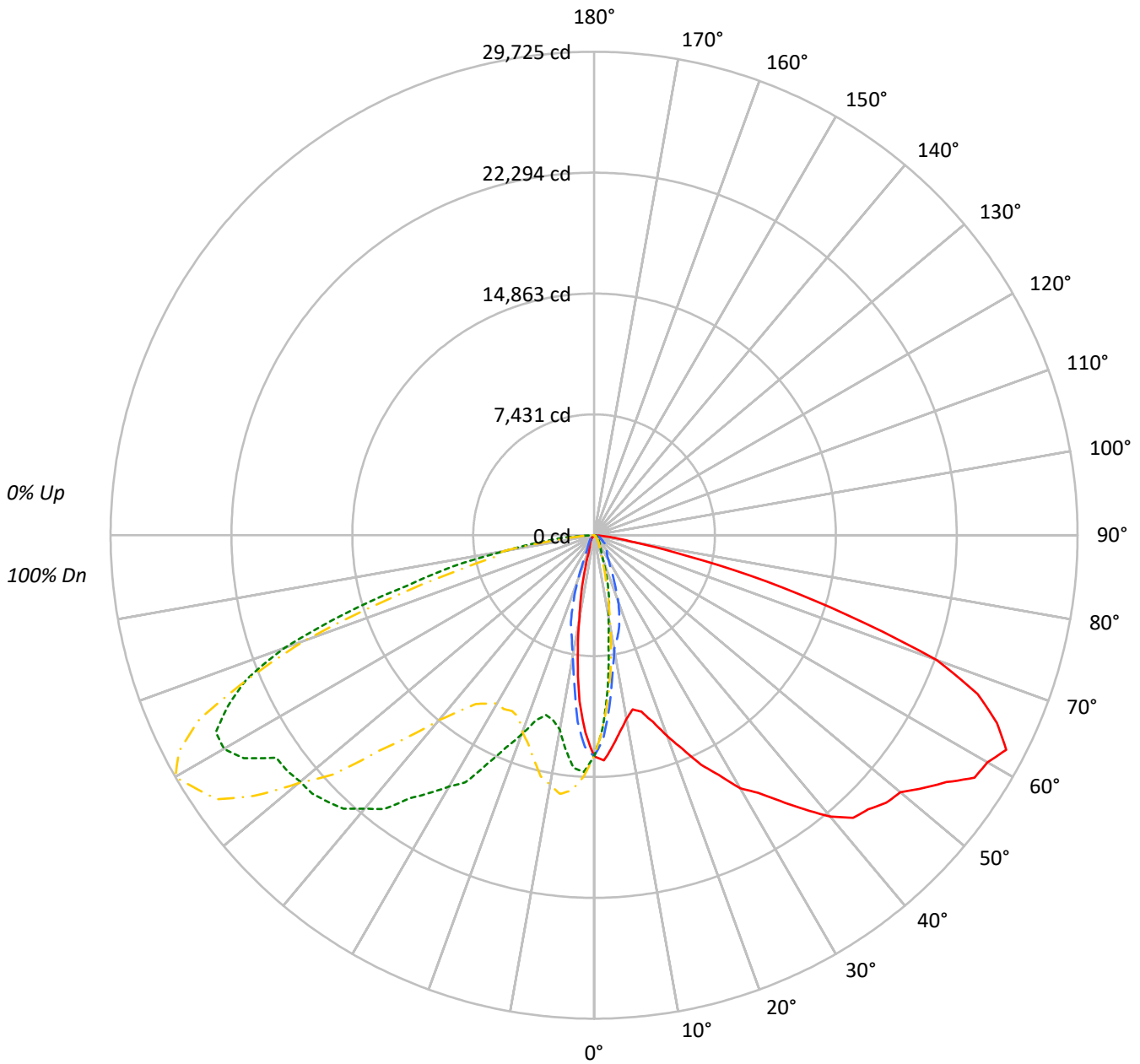
Lumens per Lamp: N/A
 Luminaire Lumens: 35531.4 lumens
 Efficiency: N/A
 Efficacy: 84.1 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 422.6
 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	73106	73106	73106	73106
5°	70384	51442	55376	77578
10°	62665	28008	28374	66329
15°	62555	18681	11422	63729
20°	75110	9327	4554	74671
25°	92383	5859	3527	91928
30°	111622	4703	2679	110908
35°	130975	3777	2077	129653
40°	158563	3230	1346	154188
45°	181403	2917	729	176372
50°	205811	2807	161	197390
55°	248263	2697	0	223815
60°	300572	2268	0	282734
65°	348043	1830	0	316326
70°	352430	1507	0	318966
75°	228080	996	0	244614
80°	77787	298	0	173092
85°	39039	0	0	127182

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1029.0	2.9
10°-20°	1992.5	5.6
20°-30°	2775.0	7.8
30°-40°	3943.0	11.1
40°-50°	5467.8	15.4
50°-60°	7450.2	21.0
60°-70°	8190.9	23.1
70°-80°	4025.8	11.3
80°-90°	657.4	1.9
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°	5796.5	16.3
0°-40°	9739.4	27.4
0°-60°	22657.4	63.8
0°-90°	35531.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	35531.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	13584	13584	13584	13584	13584	
5°	13028	9522	10250	14360	13028	1192
15°	11227	3353	2050	11438	11227	3323
25°	15557	987	594	15480	15557	7233
35°	19935	575	316	19734	19935	12654
45°	23834	383	96	23173	23834	18475
55°	26458	287	0	23853	26458	23801
65°	27330	144	0	24840	27330	26411
75°	10968	48	0	11764	10968	11958
85°	632	0	0	2060	632	875
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°	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6
2.5°	13861.4	14024.3	13871.0	13334.6	13238.8	12980.1	12587.4	12558.6	12146.7	12194.6	11974.3
5°	13028.0	13190.9	12865.2	12156.3	11495.3	10968.4	10652.3	10087.1	9962.6	9684.8	9684.8
7.5°	12175.5	12165.9	11610.3	11016.3	10029.7	9062.1	8621.5	7807.2	7328.3	7069.6	6820.6
10°	11466.6	11313.3	10968.4	9742.3	8669.4	7663.5	7117.5	6581.1	6082.9	5651.9	5220.8
12.5°	10968.4	11064.2	10518.2	9186.7	7797.7	7098.4	6514.0	5948.8	5354.9	4866.3	4387.4
15°	11227.1	11073.8	10432.0	9062.1	7654.0	6696.0	5920.1	5230.4	4569.4	3927.6	3563.5
17.5°	12031.8	11639.0	10882.2	9062.1	7357.0	6082.9	5144.2	4329.9	3621.0	3046.3	2596.0
20°	13114.2	12664.0	11849.8	9397.4	7136.7	5632.7	4349.1	3324.1	2586.4	2050.0	1705.1
22.5°	14225.4	13871.0	12644.8	9531.5	6878.0	5029.2	3429.4	2404.4	1724.3	1379.4	1207.0
25°	15557.0	15058.9	13717.7	10068.0	6494.9	4444.9	2701.4	1676.4	1283.6	1101.6	996.3
27.5°	16620.3	16534.1	14723.6	10393.7	6207.5	3965.9	2136.2	1331.5	1063.3	929.2	862.1
30°	17961.4	17492.0	15949.7	11045.1	5881.8	3419.9	1781.8	1197.4	977.1	833.4	785.5
32.5°	18766.1	18545.8	16591.6	11409.1	5517.7	2969.6	1532.7	1053.7	890.9	785.5	737.6
35°	19934.8	19494.1	17511.2	11639.0	5326.2	2711.0	1379.4	957.9	747.2	641.8	584.3
37.5°	21237.6	21074.7	18612.8	11629.4	5048.4	2557.7	1274.1	890.9	708.9	593.9	526.9
40°	22569.1	21908.1	19283.4	11897.6	4904.7	2442.8	1197.4	852.6	670.6	565.2	479.0
42.5°	23565.4	22808.6	20059.3	11801.9	4732.2	2241.6	1168.7	795.1	641.8	517.3	440.7
45°	23833.6	23565.4	20758.6	11773.1	4607.7	2078.7	1120.8	785.5	622.7	488.6	411.9
47.5°	24350.9	24168.9	21620.8	11821.0	4511.9	1954.2	1005.8	804.7	593.9	459.8	392.8
50°	24580.8	24255.1	22320.1	11936.0	4291.6	1800.9	900.5	843.0	584.3	450.2	373.6
52.5°	25529.2	25241.8	23278.0	12261.7	4109.6	1599.8	795.1	804.7	603.5	421.5	354.4
55°	26458.4	26132.7	24753.2	13008.9	3850.9	1436.9	680.1	708.9	574.8	383.2	316.1
57.5°	27732.4	27196.0	25739.9	13315.4	3621.0	1216.6	603.5	584.3	536.4	344.9	277.8
60°	27924.0	28144.4	25596.2	13123.8	3381.5	1072.9	526.9	450.2	574.8	306.5	239.5
62.5°	28565.8	27646.2	24925.7	12683.2	3209.1	986.7	469.4	373.6	498.1	268.2	201.2
65°	27330.1	26650.0	23354.6	11265.4	2988.8	996.3	411.9	306.5	316.1	220.3	162.9
67.5°	25519.6	24983.1	20749.0	9723.1	2768.5	977.1	364.0	268.2	239.5	191.6	143.7
70°	22396.7	21237.6	17626.1	7893.4	2442.8	910.0	306.5	239.5	201.2	153.3	105.4
72.5°	16294.6	15825.2	12644.8	6102.1	2193.7	823.8	287.4	201.2	172.4	115.0	86.2
75°	10968.4	10192.5	7979.7	4004.2	1762.6	718.5	239.5	182.0	134.1	86.2	67.1
77.5°	5795.6	5479.4	4521.5	1906.3	977.1	335.3	134.1	105.4	76.6	67.1	38.3
80°	2509.8	2232.0	1954.2	775.9	344.9	153.3	86.2	57.5	47.9	38.3	19.2
82.5°	1283.6	1226.2	1015.4	335.3	201.2	115.0	47.9	38.3	28.7	19.2	9.6
85°	632.2	651.4	536.4	105.4	115.0	67.1	9.6	9.6	0.0	0.0	0.0
87.5°	47.9	47.9	38.3	19.2	28.7	9.6	0.0	0.0	0.0	0.0	0.0
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6
2.5°	11888.1	12022.2	11792.3	11936.0	11868.9	11897.6	11926.4	11849.8	11868.9	12137.1	12146.7
5°	9521.9	9780.6	9684.8	9818.9	10048.8	9933.9	10039.2	10020.1	10039.2	10077.6	10250.0
7.5°	6791.8	6715.2	6897.2	7251.6	7663.5	7912.6	7788.1	7721.0	7682.7	7586.9	7701.9
10°	5125.0	5086.7	5038.8	5144.2	5412.4	5690.2	5843.5	5584.8	5441.1	5259.1	5192.0
12.5°	4253.3	4013.8	3879.7	3716.8	3793.5	4042.5	4052.1	3803.0	3573.1	3477.3	3582.7
15°	3352.8	3189.9	2950.5	2720.6	2605.6	2797.2	2634.3	2394.9	2097.9	2059.6	2050.0
17.5°	2394.9	2299.1	2126.6	2030.8	1896.7	1848.8	1676.4	1312.4	1101.6	1044.2	1063.3
20°	1628.5	1551.9	1542.3	1456.1	1398.6	1360.3	1082.5	843.0	775.9	785.5	795.1
22.5°	1207.0	1168.7	1120.8	1111.2	1063.3	1015.4	795.1	708.9	661.0	661.0	689.7
25°	986.7	967.5	919.6	900.5	881.3	814.3	670.6	603.5	584.3	565.2	593.9
27.5°	843.0	833.4	804.7	775.9	756.8	689.7	584.3	526.9	507.7	507.7	507.7
30°	756.8	756.8	718.5	661.0	661.0	584.3	498.1	459.8	440.7	440.7	431.1
32.5°	708.9	689.7	641.8	603.5	574.8	498.1	440.7	402.3	373.6	373.6	383.2
35°	574.8	574.8	565.2	536.4	498.1	421.5	373.6	335.3	316.1	306.5	316.1
37.5°	507.7	479.0	440.7	450.2	431.1	364.0	316.1	287.4	258.6	258.6	258.6
40°	459.8	431.1	392.8	364.0	354.4	325.7	277.8	229.9	201.2	191.6	191.6
42.5°	411.9	392.8	335.3	287.4	277.8	277.8	210.7	172.4	143.7	143.7	143.7
45°	383.2	354.4	306.5	249.1	201.2	210.7	172.4	124.5	105.4	95.8	95.8
47.5°	364.0	335.3	268.2	210.7	153.3	153.3	124.5	86.2	67.1	57.5	57.5
50°	335.3	306.5	239.5	172.4	115.0	95.8	76.6	47.9	28.7	19.2	19.2
52.5°	316.1	287.4	210.7	143.7	95.8	67.1	47.9	9.6	0.0	0.0	0.0
55°	287.4	249.1	182.0	115.0	76.6	38.3	9.6	0.0	0.0	0.0	0.0
57.5°	249.1	220.3	143.7	86.2	47.9	9.6	0.0	0.0	0.0	0.0	0.0
60°	210.7	182.0	115.0	67.1	19.2	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	172.4	153.3	86.2	38.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	143.7	115.0	67.1	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	124.5	95.8	47.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	95.8	67.1	28.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	67.1	47.9	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	47.9	28.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	28.7	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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°	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6
2.5°	12185.0	12472.4	12740.6	12817.3	13028.0	13612.4	13612.4	13890.2	14388.3	14570.3	14608.6
5°	10278.7	10585.3	10642.7	11236.7	11514.5	12108.4	12501.2	13439.9	14005.1	14359.6	14579.9
7.5°	7816.8	7922.2	8142.5	8698.1	9244.1	9962.6	10709.8	11907.2	12903.5	13305.8	14053.0
10°	5374.1	5690.2	6169.2	6667.3	7519.8	8314.9	9282.5	10412.8	11639.0	12137.1	12779.0
12.5°	3621.0	4061.7	4828.0	5536.9	6322.4	7127.1	8046.7	9560.3	10949.3	11639.0	12280.8
15°	2117.1	2653.5	3314.5	4464.0	5508.2	6408.6	7328.3	8861.0	10546.9	11437.8	12223.3
17.5°	1072.9	1235.7	1781.8	2778.0	4157.5	5632.7	7002.6	8956.8	10853.5	11945.5	12596.9
20°	804.7	852.6	1005.8	1475.2	2845.1	4655.6	6696.0	9100.5	11706.1	13037.6	13392.0
22.5°	699.3	737.6	804.7	957.9	1599.8	3563.5	6264.9	9454.9	12865.2	14120.1	14867.3
25°	593.9	632.2	689.7	785.5	1025.0	2423.6	5738.1	9828.5	13899.7	15480.4	16179.7
27.5°	517.3	546.0	603.5	680.1	833.4	1542.3	4828.0	10326.6	15480.4	17128.0	17310.0
30°	440.7	469.4	517.3	603.5	708.9	1092.1	3544.4	10393.7	16352.1	17846.5	18354.2
32.5°	383.2	392.8	450.2	526.9	593.9	862.1	2490.7	10460.7	16993.9	18775.7	18881.0
35°	316.1	335.3	392.8	440.7	517.3	680.1	1887.1	10125.5	17827.3	19733.6	19704.9
37.5°	258.6	287.4	325.7	364.0	421.5	574.8	1504.0	9502.8	18871.5	21218.4	20318.0
40°	201.2	229.9	268.2	316.1	354.4	517.3	1130.4	8564.0	19963.5	21946.5	20988.5
42.5°	143.7	162.9	201.2	249.1	316.1	431.1	814.3	7452.8	20394.6	22799.0	21793.2
45°	105.4	124.5	153.3	210.7	325.7	344.9	565.2	6437.4	20854.4	23172.6	21611.2
47.5°	57.5	76.6	115.0	182.0	287.4	258.6	402.3	5527.3	21381.3	23507.9	21754.9
50°	19.2	28.7	67.1	191.6	229.9	201.2	316.1	5038.8	21898.6	23575.0	22042.3
52.5°	0.0	0.0	38.3	201.2	172.4	153.3	277.8	4847.2	21764.5	23785.7	21860.3
55°	0.0	0.0	9.6	86.2	95.8	115.0	229.9	4837.6	22712.8	23852.8	22856.5
57.5°	0.0	0.0	0.0	28.7	57.5	95.8	201.2	4531.1	23316.3	25519.6	24197.6
60°	0.0	0.0	0.0	9.6	38.3	67.1	153.3	4262.8	23929.4	26266.8	25634.5
62.5°	0.0	0.0	0.0	0.0	9.6	28.7	105.4	3850.9	22693.7	26209.3	27023.6
65°	0.0	0.0	0.0	0.0	0.0	0.0	67.1	3046.3	20413.8	24839.5	26257.2
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	38.3	2107.5	17875.2	23115.2	24849.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1274.1	14426.6	20270.1	21074.7
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	546.0	10297.9	16093.4	17290.9
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	220.3	6370.3	11763.5	13238.8
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86.2	4128.7	8908.9	10048.8
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2	2203.3	5584.8	6494.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	957.9	3391.1	3908.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	306.5	2059.6	2347.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	316.1	421.5
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: P599248
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6	13583.6
2.5°	14627.8	14905.6	15011.0	14848.1	14867.3	14532.0	14484.1	14014.7	13823.1	13861.4
5°	15298.3	15700.7	15921.0	15739.0	15327.1	14685.3	14100.9	13545.3	13200.4	13028.0
7.5°	15145.1	15595.3	15873.1	16045.5	15576.1	14541.6	13650.7	12606.5	12165.9	12175.5
10°	14302.1	15240.9	15806.1	15585.7	15365.4	14330.8	12951.4	11821.0	11428.3	11466.6
12.5°	13621.9	14666.1	15001.4	15173.8	14723.6	13899.7	12970.5	11677.3	11236.7	10968.4
15°	13200.4	13976.4	13995.5	14263.8	14081.8	14081.8	13171.7	11907.2	11524.0	11227.1
17.5°	13200.4	13372.9	13353.7	13449.5	13756.1	14120.1	13679.4	12836.4	12079.7	12031.8
20°	13497.4	12961.0	12836.4	12874.7	13133.4	14215.9	14800.2	13746.5	13267.5	13114.2
22.5°	14187.1	13008.9	12252.1	12118.0	12913.1	14206.3	15518.7	15183.4	14350.0	14225.4
25°	15135.5	12922.6	12098.8	11926.4	12529.9	14551.1	16505.4	16572.4	15815.6	15557.0
27.5°	16036.0	13305.8	12079.7	12041.3	12836.4	14474.5	17185.5	17683.6	16831.1	16620.3
30°	16342.5	13689.0	12434.1	11926.4	12951.4	14752.3	17166.3	18469.1	17913.5	17961.4
32.5°	16706.5	14072.2	12472.4	12271.2	13439.9	15202.5	17712.4	19733.6	19331.3	18766.1
35°	17243.0	14589.5	12836.4	12654.4	13784.8	15604.9	17827.3	20662.8	20595.8	19934.8
37.5°	17702.8	15097.2	13593.2	13621.9	14838.5	16256.3	18335.0	21802.8	21687.8	21237.6
40°	18028.5	15806.1	14771.5	14848.1	15758.2	16984.3	19235.5	22377.5	23230.1	22569.1
42.5°	18076.4	16438.3	16122.2	16735.3	17587.8	18114.7	19599.5	22770.3	23996.5	23565.4
45°	18258.4	17444.1	18325.4	18775.7	19475.0	19111.0	19580.3	23440.9	24053.9	23833.6
47.5°	18967.3	19273.8	20385.0	21754.9	22003.9	20806.5	20040.2	23546.2	24379.6	24350.9
50°	19704.9	21237.6	22799.0	23709.1	24025.2	21975.2	20471.2	23460.0	24810.7	24580.8
52.5°	20528.7	22942.7	25193.9	26314.7	26142.3	23268.4	20959.8	24159.3	25605.8	25529.2
55°	21046.0	23709.1	26736.2	28297.6	28163.5	24714.9	22511.7	25165.2	26650.0	26458.4
57.5°	22415.9	24954.4	28268.9	28996.9	29351.4	26611.6	23594.1	26812.8	27521.7	27732.4
60°	23546.2	25768.7	28671.2	29725.0	29849.5	27742.0	25490.9	28508.4	28632.9	27924.0
62.5°	25203.5	26084.8	27818.7	28767.0	29408.8	28383.8	27196.0	29418.4	28613.7	28565.8
65°	26420.1	25050.2	26228.5	26755.3	27167.3	27406.7	28910.7	30041.1	28259.3	27330.1
67.5°	25739.9	23096.0	22875.7	22904.4	23028.9	24475.4	28335.9	28518.0	26285.9	25519.6
70°	22655.3	18948.1	18651.1	18881.0	18258.4	20001.8	26008.1	25921.9	23191.8	22396.7
72.5°	18325.4	13813.5	13305.8	13621.9	13765.6	15614.5	21879.4	19657.0	16917.3	16294.6
75°	14560.7	10125.5	8544.8	9311.2	9799.8	11370.8	17089.7	13353.7	11811.4	10968.4
77.5°	11437.8	7663.5	6648.1	6341.6	6791.8	8267.0	12434.1	7012.1	6188.3	5795.6
80°	7251.6	5632.7	6111.7	5671.0	5862.6	5900.9	6475.7	3189.9	2538.5	2509.8
82.5°	4368.2	3850.9	4579.0	2519.4	4588.5	4100.0	2691.8	1446.5	1283.6	1283.6
85°	3094.2	2385.3	1580.6	1025.0	2040.4	2251.2	1044.2	747.2	651.4	632.2
87.5°	1551.9	737.6	354.4	229.9	258.6	421.5	124.5	57.5	57.5	47.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)