

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: P599251

Luminaire Tested: **IFLD-L-SA8B-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: P599251
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8B-740-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (128) 4000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

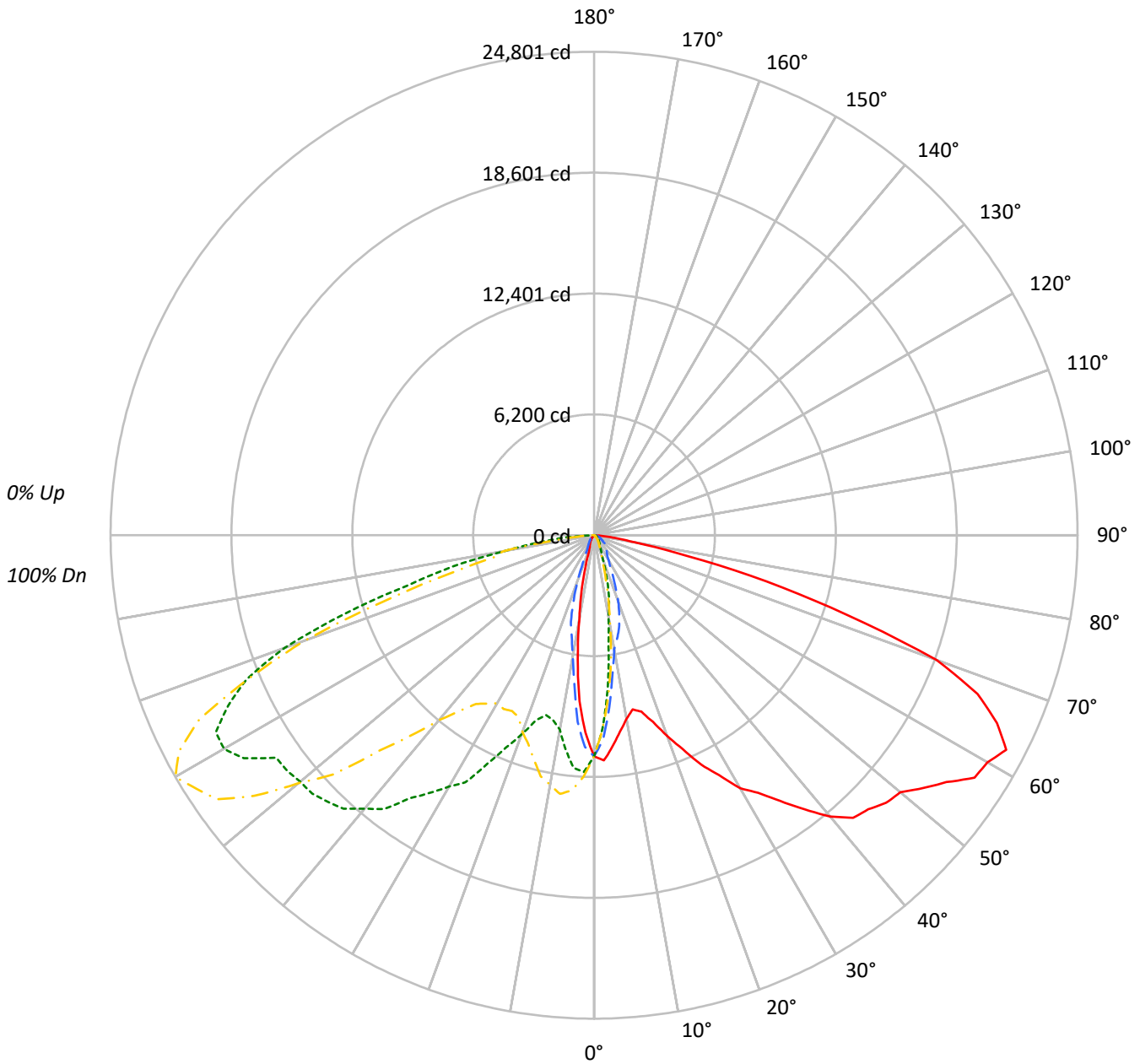
Lumens per Lamp: N/A
 Luminaire Lumens: 29645.6 lumens
 Efficiency: N/A
 Efficacy: 92.6 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 320
 Input Voltage (V): 120
 Input Current (A_{in}): 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	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79				79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62				62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49				49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40				40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33				33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27				27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24				24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20				20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18				18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16				16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	60996	60996	60996	60996
5°	58725	42921	46202	64727
10°	52284	23368	23674	55342
15°	52193	15587	9530	53172
20°	62668	7782	3800	62302
25°	77079	4888	2942	76700
30°	93132	3924	2235	92536
35°	109278	3151	1733	108176
40°	132296	2695	1123	128647
45°	151353	2433	608	147156
50°	171718	2342	134	164691
55°	207138	2250	0	186739
60°	250781	1892	0	235898
65°	290389	1527	0	263925
70°	294048	1257	0	266128
75°	190299	832	0	204094
80°	64903	248	0	144420
85°	32574	0	0	106113

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	858.5	2.9
10°-20°	1662.4	5.6
20°-30°	2315.3	7.8
30°-40°	3289.8	11.1
40°-50°	4562.0	15.4
50°-60°	6216.0	21.0
60°-70°	6834.0	23.1
70°-80°	3358.9	11.3
80°-90°	548.5	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°	4836.3	16.3
0°-40°	8126.1	27.4
0°-60°	18904.1	63.8
0°-90°	29645.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	29645.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	11334	11334	11334	11334	11334	
5°	10870	7945	8552	11981	10870	995
15°	9367	2797	1710	9543	9367	2773
25°	12980	823	496	12916	12980	6035
35°	16632	480	264	16465	16632	10558
45°	19886	320	80	19334	19886	15415
55°	22076	240	0	19902	22076	19858
65°	22803	120	0	20725	22803	22036
75°	9152	40	0	9815	9152	9977
85°	528	0	0	1718	528	730
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°	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5
2.5°	11565.2	11701.1	11573.2	11125.7	11045.7	10829.9	10502.2	10478.3	10134.6	10174.5	9990.7
5°	10869.9	11005.8	10734.0	10142.6	9591.1	9151.5	8887.7	8416.2	8312.3	8080.5	8080.5
7.5°	10158.6	10150.6	9687.0	9191.5	8368.2	7561.0	7193.3	6513.9	6114.3	5898.5	5690.7
10°	9567.1	9439.2	9151.5	8128.4	7233.3	6394.1	5938.5	5490.9	5075.3	4715.6	4355.9
12.5°	9151.5	9231.4	8775.8	7664.9	6506.0	5922.5	5434.9	4963.4	4467.8	4060.2	3660.6
15°	9367.3	9239.4	8703.9	7561.0	6386.1	5586.8	4939.4	4363.9	3812.5	3277.0	2973.2
17.5°	10038.7	9711.0	9079.6	7561.0	6138.3	5075.3	4292.0	3612.6	3021.2	2541.6	2166.0
20°	10941.8	10566.2	9886.8	7840.7	5954.5	4699.6	3628.6	2773.4	2158.0	1710.4	1422.7
22.5°	11869.0	11573.2	10550.2	7952.6	5738.7	4196.1	2861.3	2006.1	1438.7	1150.9	1007.1
25°	12979.9	12564.3	11445.4	8400.2	5419.0	3708.6	2253.9	1398.7	1071.0	919.1	831.2
27.5°	13867.1	13795.2	12284.6	8671.9	5179.2	3308.9	1782.3	1111.0	887.2	775.3	719.3
30°	14986.1	14594.4	13307.6	9215.4	4907.4	2853.3	1486.6	999.1	815.2	695.4	655.4
32.5°	15657.4	15473.6	13843.1	9519.1	4603.7	2477.7	1278.8	879.2	743.3	655.4	615.4
35°	16632.5	16264.9	14610.4	9711.0	4443.9	2261.9	1150.9	799.3	623.4	535.5	487.5
37.5°	17719.5	17583.6	15529.6	9703.0	4212.1	2134.0	1063.0	743.3	591.5	495.5	439.6
40°	18830.5	18279.0	16089.0	9926.8	4092.2	2038.1	999.1	711.3	559.5	471.6	399.6
42.5°	19661.7	19030.3	16736.4	9846.8	3948.3	1870.3	975.1	663.4	535.5	431.6	367.7
45°	19885.5	19661.7	17319.9	9822.9	3844.4	1734.4	935.1	655.4	519.5	407.6	343.7
47.5°	20317.1	20165.2	18039.2	9862.8	3764.5	1630.5	839.2	671.4	495.5	383.6	327.7
50°	20508.9	20237.2	18622.7	9958.7	3580.7	1502.6	751.3	703.3	487.5	375.7	311.7
52.5°	21300.2	21060.4	19421.9	10230.5	3428.8	1334.8	663.4	671.4	503.5	351.7	295.7
55°	22075.5	21803.7	20652.8	10853.9	3213.0	1198.9	567.5	591.5	479.6	319.7	263.8
57.5°	23138.5	22690.9	21476.0	11109.7	3021.2	1015.1	503.5	487.5	447.6	287.7	231.8
60°	23298.3	23482.2	21356.1	10949.8	2821.4	895.2	439.6	375.7	479.6	255.8	199.8
62.5°	23833.8	23066.6	20796.7	10582.2	2677.5	823.2	391.6	311.7	415.6	223.8	167.8
65°	22802.8	22235.3	19485.9	9399.3	2493.7	831.2	343.7	255.8	263.8	183.8	135.9
67.5°	21292.2	20844.6	17311.9	8112.5	2309.9	815.2	303.7	223.8	199.8	159.9	119.9
70°	18686.6	17719.5	14706.3	6585.9	2038.1	759.3	255.8	199.8	167.8	127.9	87.9
72.5°	13595.4	13203.7	10550.2	5091.3	1830.3	687.4	239.8	167.8	143.9	95.9	71.9
75°	9151.5	8504.1	6657.8	3340.9	1470.6	599.4	199.8	151.9	111.9	71.9	55.9
77.5°	4835.5	4571.7	3772.5	1590.5	815.2	279.7	111.9	87.9	63.9	55.9	32.0
80°	2094.1	1862.3	1630.5	647.4	287.7	127.9	71.9	48.0	40.0	32.0	16.0
82.5°	1071.0	1023.0	847.2	279.7	167.8	95.9	40.0	32.0	24.0	16.0	8.0
85°	527.5	543.5	447.6	87.9	95.9	55.9	8.0	8.0	0.0	0.0	0.0
87.5°	40.0	40.0	32.0	16.0	24.0	8.0	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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5
2.5°	9918.8	10030.7	9838.9	9958.7	9902.8	9926.8	9950.7	9886.8	9902.8	10126.6	10134.6
5°	7944.6	8160.4	8080.5	8192.4	8384.2	8288.3	8376.2	8360.2	8376.2	8408.2	8552.0
7.5°	5666.7	5602.8	5754.6	6050.4	6394.1	6601.9	6498.0	6442.0	6410.0	6330.1	6426.0
10°	4276.0	4244.1	4204.1	4292.0	4515.8	4747.6	4875.5	4659.7	4539.8	4387.9	4332.0
12.5°	3548.7	3348.9	3237.0	3101.1	3165.1	3372.9	3380.9	3173.0	2981.2	2901.3	2989.2
15°	2797.4	2661.5	2461.7	2269.9	2174.0	2333.8	2198.0	1998.1	1750.4	1718.4	1710.4
17.5°	1998.1	1918.2	1774.4	1694.4	1582.5	1542.6	1398.7	1095.0	919.1	871.2	887.2
20°	1358.7	1294.8	1286.8	1214.9	1166.9	1134.9	903.2	703.3	647.4	655.4	663.4
22.5°	1007.1	975.1	935.1	927.1	887.2	847.2	663.4	591.5	551.5	551.5	575.5
25°	823.2	807.2	767.3	751.3	735.3	679.4	559.5	503.5	487.5	471.6	495.5
27.5°	703.3	695.4	671.4	647.4	631.4	575.5	487.5	439.6	423.6	423.6	423.6
30°	631.4	631.4	599.4	551.5	551.5	487.5	415.6	383.6	367.7	367.7	359.7
32.5°	591.5	575.5	535.5	503.5	479.6	415.6	367.7	335.7	311.7	311.7	319.7
35°	479.6	479.6	471.6	447.6	415.6	351.7	311.7	279.7	263.8	255.8	263.8
37.5°	423.6	399.6	367.7	375.7	359.7	303.7	263.8	239.8	215.8	215.8	215.8
40°	383.6	359.7	327.7	303.7	295.7	271.7	231.8	191.8	167.8	159.9	159.9
42.5°	343.7	327.7	279.7	239.8	231.8	231.8	175.8	143.9	119.9	119.9	119.9
45°	319.7	295.7	255.8	207.8	167.8	175.8	143.9	103.9	87.9	79.9	79.9
47.5°	303.7	279.7	223.8	175.8	127.9	127.9	103.9	71.9	55.9	48.0	48.0
50°	279.7	255.8	199.8	143.9	95.9	79.9	63.9	40.0	24.0	16.0	16.0
52.5°	263.8	239.8	175.8	119.9	79.9	55.9	40.0	8.0	0.0	0.0	0.0
55°	239.8	207.8	151.9	95.9	63.9	32.0	8.0	0.0	0.0	0.0	0.0
57.5°	207.8	183.8	119.9	71.9	40.0	8.0	0.0	0.0	0.0	0.0	0.0
60°	175.8	151.9	95.9	55.9	16.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	143.9	127.9	71.9	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	119.9	95.9	55.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	103.9	79.9	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	79.9	55.9	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	55.9	40.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	40.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	24.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	8.0	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°	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5
2.5°	10166.5	10406.3	10630.1	10694.1	10869.9	11357.4	11357.4	11589.2	12004.8	12156.7	12188.7
5°	8576.0	8831.8	8879.7	9375.3	9607.1	10102.6	10430.3	11213.6	11685.1	11980.9	12164.7
7.5°	6521.9	6609.9	6793.7	7257.3	7712.8	8312.3	8935.7	9934.8	10766.0	11101.7	11725.1
10°	4483.8	4747.6	5147.2	5562.8	6274.2	6937.5	7744.8	8687.9	9711.0	10126.6	10662.1
12.5°	3021.2	3388.8	4028.3	4619.7	5275.1	5946.5	6713.8	7976.6	9135.5	9711.0	10246.5
15°	1766.4	2213.9	2765.4	3724.5	4595.7	5347.0	6114.3	7393.1	8799.8	9543.1	10198.5
17.5°	895.2	1031.0	1486.6	2317.8	3468.8	4699.6	5842.6	7473.1	9055.6	9966.7	10510.2
20°	671.4	711.3	839.2	1230.9	2373.8	3884.4	5586.8	7592.9	9766.9	10877.9	11173.6
22.5°	583.5	615.4	671.4	799.3	1334.8	2973.2	5227.1	7888.7	10734.0	11781.0	12404.5
25°	495.5	527.5	575.5	655.4	855.2	2022.1	4787.5	8200.4	11597.2	12916.0	13499.4
27.5°	431.6	455.6	503.5	567.5	695.4	1286.8	4028.3	8616.0	12916.0	14290.7	14442.6
30°	367.7	391.6	431.6	503.5	591.5	911.2	2957.3	8671.9	13643.3	14890.2	15313.8
32.5°	319.7	327.7	375.7	439.6	495.5	719.3	2078.1	8727.9	14178.8	15665.4	15753.4
35°	263.8	279.7	327.7	367.7	431.6	567.5	1574.5	8448.1	14874.2	16464.7	16440.7
37.5°	215.8	239.8	271.7	303.7	351.7	479.6	1254.8	7928.6	15745.4	17703.5	16952.2
40°	167.8	191.8	223.8	263.8	295.7	431.6	943.1	7145.4	16656.5	18311.0	17511.7
42.5°	119.9	135.9	167.8	207.8	263.8	359.7	679.4	6218.2	17016.2	19022.3	18183.1
45°	87.9	103.9	127.9	175.8	271.7	287.7	471.6	5371.0	17399.8	19334.0	18031.2
47.5°	48.0	63.9	95.9	151.9	239.8	215.8	335.7	4611.7	17839.4	19613.8	18151.1
50°	16.0	24.0	55.9	159.9	191.8	167.8	263.8	4204.1	18271.0	19669.7	18390.9
52.5°	0.0	0.0	32.0	167.8	143.9	127.9	231.8	4044.2	18159.1	19845.5	18239.0
55°	0.0	0.0	8.0	71.9	79.9	95.9	191.8	4036.2	18950.4	19901.5	19070.3
57.5°	0.0	0.0	0.0	24.0	48.0	79.9	167.8	3780.5	19453.9	21292.2	20189.2
60°	0.0	0.0	0.0	8.0	32.0	55.9	127.9	3556.7	19965.4	21915.6	21388.1
62.5°	0.0	0.0	0.0	0.0	8.0	24.0	87.9	3213.0	18934.4	21867.7	22547.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	55.9	2541.6	17032.2	20724.7	21907.6
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	32.0	1758.4	14914.1	19286.1	20732.7
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1063.0	12036.8	16912.3	17583.6
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	455.6	8592.0	13427.5	14426.6
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	183.8	5315.1	9814.9	11045.7
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.9	3444.8	7433.1	8384.2
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	1838.3	4659.7	5419.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	799.3	2829.4	3261.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	255.8	1718.4	1958.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	263.8	351.7
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: P599251
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5	11333.5
2.5°	12204.7	12436.4	12524.4	12388.5	12404.5	12124.7	12084.8	11693.1	11533.3	11565.2
5°	12764.1	13099.8	13283.6	13131.8	12788.1	12252.6	11765.1	11301.5	11013.8	10869.9
7.5°	12636.2	13011.9	13243.7	13387.6	12995.9	12132.7	11389.4	10518.2	10150.6	10158.6
10°	11932.9	12716.2	13187.7	13003.9	12820.1	11956.9	10806.0	9862.8	9535.1	9567.1
12.5°	11365.4	12236.6	12516.4	12660.2	12284.6	11597.2	10821.9	9742.9	9375.3	9151.5
15°	11013.8	11661.2	11677.1	11900.9	11749.1	11749.1	10989.8	9934.8	9615.1	9367.3
17.5°	11013.8	11157.6	11141.6	11221.6	11477.3	11781.0	11413.4	10710.0	10078.6	10038.7
20°	11261.5	10813.9	10710.0	10742.0	10957.8	11861.0	12348.5	11469.3	11069.7	10941.8
22.5°	11837.0	10853.9	10222.5	10110.6	10774.0	11853.0	12948.0	12668.2	11972.9	11869.0
25°	12628.3	10782.0	10094.6	9950.7	10454.3	12140.7	13771.2	13827.1	13195.7	12979.9
27.5°	13379.6	11101.7	10078.6	10046.7	10710.0	12076.8	14338.7	14754.3	14042.9	13867.1
30°	13635.3	11421.4	10374.4	9950.7	10806.0	12308.6	14322.7	15409.7	14946.1	14986.1
32.5°	13939.0	11741.1	10406.3	10238.5	11213.6	12684.2	14778.3	16464.7	16129.0	15657.4
35°	14386.6	12172.7	10710.0	10558.2	11501.3	13019.9	14874.2	17240.0	17184.0	16632.5
37.5°	14770.3	12596.3	11341.5	11365.4	12380.5	13563.4	15297.8	18191.1	18095.2	17719.5
40°	15042.0	13187.7	12324.5	12388.5	13147.8	14170.8	16049.1	18670.6	19382.0	18830.5
42.5°	15082.0	13715.2	13451.5	13963.0	14674.4	15113.9	16352.8	18998.3	20021.4	19661.7
45°	15233.8	14554.5	15289.8	15665.4	16248.9	15945.2	16336.8	19557.8	20069.3	19885.5
47.5°	15825.3	16081.0	17008.2	18151.1	18358.9	17359.9	16720.5	19645.7	20341.1	20317.1
50°	16440.7	17719.5	19022.3	19781.6	20045.4	18335.0	17080.1	19573.8	20700.8	20508.9
52.5°	17128.1	19142.2	21020.5	21955.6	21811.7	19413.9	17487.7	20157.3	21364.1	21300.2
55°	17559.7	19781.6	22307.3	23610.0	23498.1	20620.8	18782.5	20996.5	22235.3	22075.5
57.5°	18702.6	20820.6	23586.1	24193.5	24489.2	22203.4	19685.7	22371.2	22962.6	23138.5
60°	19645.7	21500.0	23921.8	24800.9	24904.8	23146.5	21268.2	23785.9	23889.8	23298.3
62.5°	21028.4	21763.8	23210.4	24001.7	24537.2	23682.0	22690.9	24545.2	23873.8	23833.8
65°	22043.5	20900.6	21883.7	22323.2	22666.9	22866.7	24121.6	25064.7	23578.1	22802.8
67.5°	21476.0	19270.1	19086.3	19110.2	19214.1	20421.0	23642.0	23793.9	21931.6	21292.2
70°	18902.4	15809.3	15561.5	15753.4	15233.8	16688.5	21699.8	21627.9	19350.0	18686.6
72.5°	15289.8	11525.3	11101.7	11365.4	11485.3	13027.9	18255.0	16400.7	14114.9	13595.4
75°	12148.7	8448.1	7129.4	7768.8	8176.4	9487.2	14258.7	11141.6	9854.8	9151.5
77.5°	9543.1	6394.1	5546.8	5291.1	5666.7	6897.6	10374.4	5850.6	5163.2	4835.5
80°	6050.4	4699.6	5099.3	4731.6	4891.5	4923.4	5403.0	2661.5	2118.0	2094.1
82.5°	3644.6	3213.0	3820.4	2102.0	3828.4	3420.8	2245.9	1206.9	1071.0	1071.0
85°	2581.6	1990.1	1318.8	855.2	1702.4	1878.3	871.2	623.4	543.5	527.5
87.5°	1294.8	615.4	295.7	191.8	215.8	351.7	103.9	48.0	48.0	40.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)