

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: P598600

Luminaire Tested: **IFLD-S-SA6D-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: P598600
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6D-722-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (96) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

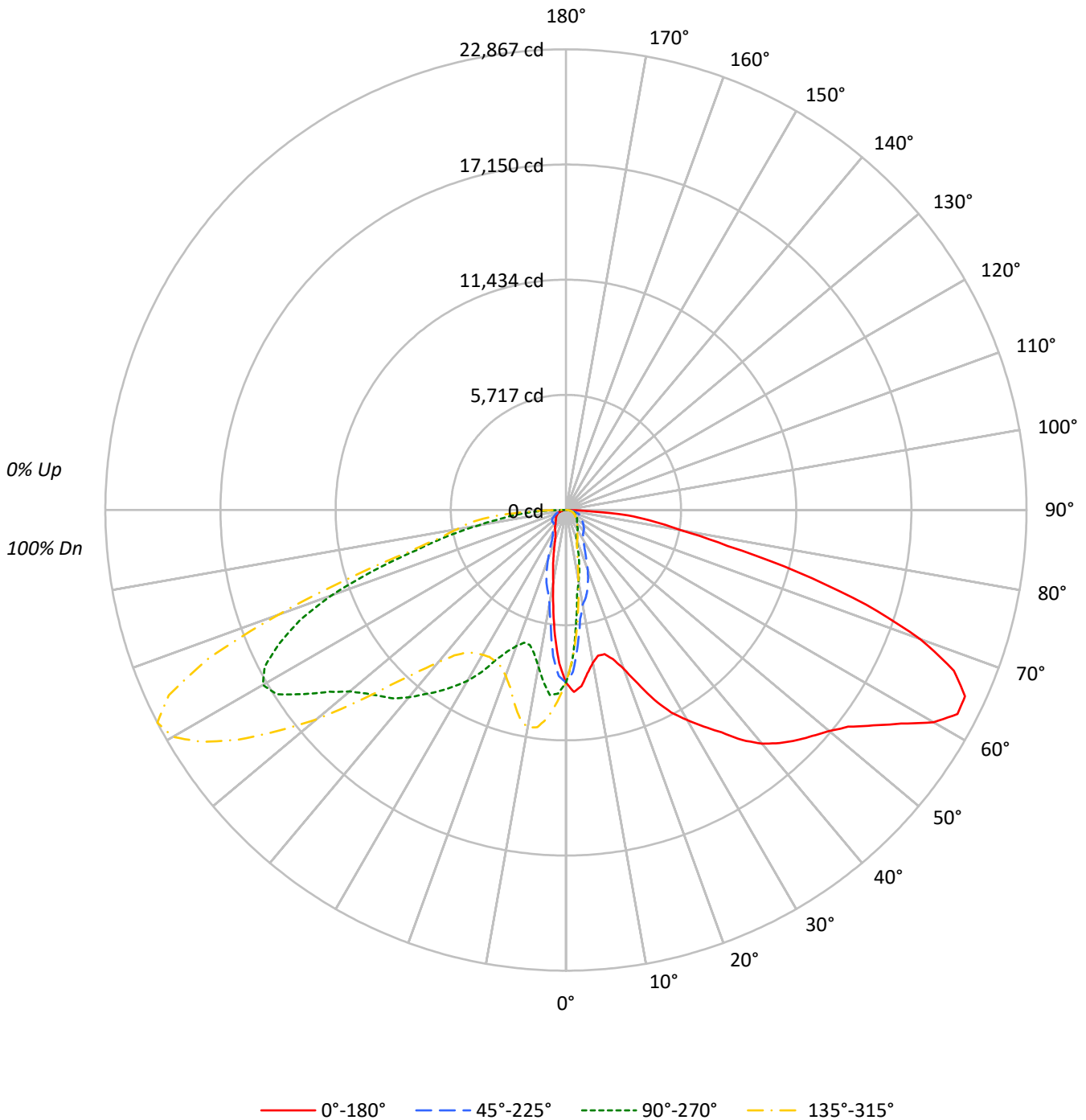
Lumens per Lamp: N/A
 Luminaire Lumens: 28646.4 lumens
 Efficiency: N/A
 Efficacy: 77.8 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 368.2
 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



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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	61406	61406	61406	61406
5°	63194	41094	44892	66389
10°	56066	26112	26373	57376
15°	55025	18520	17540	51463
20°	63974	11715	11806	54822
25°	82273	10059	9774	64813
30°	99705	9533	8937	81134
35°	118009	8399	8084	96170
40°	141795	7971	7410	113616
45°	164074	7906	7176	132451
50°	190527	8028	7225	156408
55°	233159	8247	7348	199272
60°	302386	8257	7740	249236
65°	371184	8344	7936	266789
70°	392774	8802	8298	259754
75°	330626	9305	8307	211999
80°	240208	10897	8418	183250
85°	254587	15792	6908	190448

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	662.3	2.3
10°-20°	1386.0	4.8
20°-30°	1997.4	7.0
30°-40°	2875.4	10.0
40°-50°	4084.3	14.3
50°-60°	5872.1	20.5
60°-70°	6784.2	23.7
70°-80°	3841.4	13.4
80°-90°	1143.2	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°	4045.6	14.1
0°-40°	6921.1	24.2
0°-60°	16877.6	58.9
0°-90°	28646.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	28646.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8557	8557	8557	8557	8557	
5°	8773	5705	6232	9216	8773	796
15°	7407	2493	2361	6927	7407	2178
25°	10391	1270	1234	8186	10391	4823
35°	13471	959	923	10978	13471	8549
45°	16168	779	707	13052	16168	12519
55°	18636	659	587	15928	18636	16878
65°	21860	491	467	15712	21860	20962
75°	11925	336	300	7646	11925	12653
85°	3092	192	84	2313	3092	3079
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°	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2
2.5°	9036.6	9024.6	8952.7	8725.0	8485.3	8257.6	8041.8	7814.1	7694.3	7550.5	7490.5
5°	8772.9	8749.0	8545.2	8041.8	7598.4	7119.0	6711.5	6387.9	6124.3	5860.6	5764.7
7.5°	8173.7	8137.7	7898.0	7202.9	6555.7	5932.5	5441.1	5021.7	4674.1	4518.3	4338.5
10°	7694.3	7634.4	7322.8	6555.7	5716.8	5093.6	4770.0	4482.3	4182.7	3931.0	3667.4
12.5°	7394.7	7322.8	6999.2	6100.3	5285.3	4817.9	4482.3	4158.8	3787.2	3475.6	3188.0
15°	7406.7	7322.8	6927.3	5980.5	5177.5	4578.2	4110.8	3667.4	3235.9	2888.4	2564.8
17.5°	7754.2	7646.3	7226.9	6148.2	5093.6	4266.6	3643.4	3068.1	2576.7	2205.2	1941.5
20°	8377.4	8305.5	7826.1	6399.9	5009.7	3931.0	3164.0	2468.9	1953.5	1665.9	1558.0
22.5°	9312.2	9228.4	8713.0	6783.4	4985.7	3631.4	2648.7	1941.5	1570.0	1450.2	1390.2
25°	10390.9	10235.1	9755.7	7430.6	5033.6	3355.8	2229.2	1606.0	1402.2	1318.3	1282.4
27.5°	11325.7	11229.8	10690.5	8041.8	5057.6	3140.0	1941.5	1462.2	1306.4	1234.4	1210.5
30°	12032.8	11996.9	11469.5	8713.0	4997.7	2876.4	1761.8	1402.2	1306.4	1234.4	1162.5
32.5°	12739.9	12751.9	12188.6	9228.4	4913.8	2648.7	1594.0	1246.4	1150.5	1102.6	1114.6
35°	13471.0	13530.9	13051.5	9731.7	4734.0	2564.8	1474.1	1162.5	1078.6	1006.7	970.8
37.5°	14393.8	14549.6	14082.2	10295.0	4554.3	2492.9	1414.2	1102.6	1018.7	958.8	910.9
40°	15136.9	15424.5	15148.9	10822.3	4434.4	2409.0	1366.3	1042.7	982.8	910.9	874.9
42.5°	15688.2	16023.8	15927.9	11229.8	4434.4	2325.1	1318.3	1006.7	958.8	874.9	827.0
45°	16167.6	16515.2	16503.2	11649.3	4530.3	2277.1	1258.4	1006.7	934.8	850.9	803.0
47.5°	16599.0	16946.6	17066.5	12176.6	4686.1	2253.2	1186.5	982.8	934.8	838.9	767.0
50°	17066.5	17450.0	17809.5	13015.6	4877.8	2193.2	1138.6	946.8	946.8	827.0	743.1
52.5°	17665.7	18097.2	18756.3	14058.3	5069.6	2085.4	1066.7	922.8	946.8	815.0	719.1
55°	18636.5	18996.0	19858.9	15304.7	5309.3	1953.5	1006.7	862.9	898.9	779.0	683.1
57.5°	19727.1	20038.7	20757.8	16263.5	5381.2	1785.7	922.8	803.0	862.9	743.1	635.2
60°	21069.4	21225.2	21225.2	16539.1	5141.5	1629.9	862.9	755.0	779.0	707.1	599.2
62.5°	21920.3	21920.3	21225.2	16035.8	4686.1	1498.1	815.0	707.1	683.1	659.2	563.3
65°	21860.4	21764.5	20733.8	14573.6	4158.8	1414.2	767.0	647.2	611.2	599.2	527.3
67.5°	20853.7	20685.9	19283.7	12512.2	3607.4	1378.3	719.1	587.3	563.3	539.3	479.4
70°	18720.4	18288.9	16563.1	10067.3	3068.1	1354.3	707.1	539.3	515.3	491.4	443.4
72.5°	15628.3	15077.0	12931.7	7742.2	2576.7	1270.4	671.2	479.4	467.4	443.4	395.5
75°	11924.9	10906.2	9024.6	5920.5	2001.5	1102.6	575.3	419.5	419.5	407.5	359.5
77.5°	8221.6	7694.3	6292.1	4374.5	1462.2	850.9	467.4	371.5	371.5	383.5	335.6
80°	5812.7	5321.3	4482.3	3140.0	922.8	575.3	359.5	311.6	347.6	371.5	311.6
82.5°	4446.4	4086.8	3331.8	2289.1	539.3	395.5	275.7	251.7	299.6	323.6	263.7
85°	3092.1	2660.6	1689.9	1534.1	311.6	239.7	203.7	203.7	263.7	323.6	239.7
87.5°	874.9	371.5	107.9	455.4	131.8	95.9	71.9	47.9	71.9	71.9	47.9
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°	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2
2.5°	7430.6	7358.7	7358.7	7334.7	7346.7	7358.7	7346.7	7430.6	7466.6	7514.5	7610.4
5°	5704.8	5800.7	5728.8	5800.7	5896.6	6040.4	6076.3	6184.2	6196.2	6280.1	6232.1
7.5°	4230.7	4218.7	4158.8	4242.6	4506.3	4710.1	4805.9	4865.9	4877.8	4877.8	4817.9
10°	3583.5	3475.6	3367.7	3307.8	3331.8	3547.5	3619.4	3655.4	3631.4	3667.4	3619.4
12.5°	3068.1	2972.2	2816.4	2708.6	2636.7	2696.6	2768.5	2804.5	2828.4	2888.4	2936.3
15°	2492.9	2397.0	2301.1	2241.2	2181.2	2133.3	2193.2	2229.2	2289.1	2337.1	2361.0
17.5°	1893.6	1845.7	1797.7	1833.7	1833.7	1809.7	1833.7	1845.7	1869.6	1905.6	1893.6
20°	1534.1	1522.1	1510.1	1570.0	1618.0	1618.0	1641.9	1606.0	1594.0	1558.0	1546.0
22.5°	1366.3	1366.3	1378.3	1426.2	1474.1	1498.1	1498.1	1438.2	1378.3	1354.3	1366.3
25°	1270.4	1270.4	1306.4	1318.3	1342.3	1342.3	1354.3	1294.4	1258.4	1222.5	1234.4
27.5°	1198.5	1198.5	1210.5	1210.5	1222.5	1222.5	1234.4	1210.5	1162.5	1150.5	1150.5
30°	1150.5	1150.5	1138.6	1138.6	1138.6	1138.6	1150.5	1114.6	1090.6	1078.6	1078.6
32.5°	1102.6	1090.6	1078.6	1078.6	1066.7	1066.7	1078.6	1042.7	1030.7	1030.7	1030.7
35°	958.8	946.8	958.8	982.8	982.8	994.7	994.7	982.8	958.8	934.8	922.8
37.5°	898.9	886.9	886.9	886.9	910.9	922.8	934.8	910.9	874.9	838.9	838.9
40°	850.9	850.9	838.9	838.9	838.9	862.9	886.9	850.9	803.0	791.0	791.0
42.5°	815.0	803.0	791.0	779.0	767.0	803.0	827.0	779.0	755.0	755.0	755.0
45°	779.0	767.0	755.0	743.1	731.1	743.1	767.0	719.1	707.1	707.1	707.1
47.5°	743.1	731.1	707.1	695.1	683.1	683.1	707.1	671.2	659.2	671.2	671.2
50°	719.1	695.1	671.2	659.2	647.2	647.2	647.2	635.2	635.2	635.2	647.2
52.5°	695.1	671.2	635.2	623.2	611.2	611.2	611.2	611.2	599.2	611.2	623.2
55°	659.2	635.2	611.2	599.2	587.3	575.3	587.3	575.3	575.3	587.3	587.3
57.5°	611.2	587.3	563.3	563.3	551.3	551.3	563.3	551.3	551.3	563.3	563.3
60°	575.3	551.3	527.3	527.3	515.3	527.3	539.3	527.3	527.3	527.3	539.3
62.5°	527.3	515.3	491.4	491.4	491.4	491.4	503.4	491.4	503.4	503.4	503.4
65°	491.4	467.4	455.4	455.4	455.4	455.4	479.4	455.4	467.4	467.4	467.4
67.5°	455.4	431.5	419.5	419.5	419.5	419.5	443.4	419.5	431.5	443.4	431.5
70°	419.5	395.5	383.5	383.5	383.5	383.5	395.5	383.5	383.5	395.5	395.5
72.5°	371.5	359.5	347.6	347.6	335.6	347.6	359.5	347.6	347.6	347.6	347.6
75°	335.6	323.6	323.6	311.6	311.6	311.6	323.6	299.6	299.6	299.6	299.6
77.5°	311.6	287.6	287.6	287.6	275.7	287.6	275.7	251.7	251.7	251.7	251.7
80°	263.7	239.7	251.7	251.7	239.7	239.7	227.7	203.7	203.7	203.7	203.7
82.5°	215.7	191.8	203.7	203.7	203.7	203.7	179.8	167.8	155.8	143.8	143.8
85°	191.8	155.8	179.8	179.8	167.8	167.8	119.8	119.8	95.9	95.9	83.9
87.5°	36.0	24.0	47.9	59.9	59.9	71.9	47.9	59.9	36.0	24.0	24.0
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°	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2
2.5°	7598.4	7730.2	7910.0	8041.8	8245.6	8401.4	8641.1	8844.8	9036.6	9120.5	9204.4
5°	6376.0	6459.8	6735.5	6951.2	7274.8	7622.4	8053.8	8521.2	9000.6	9216.4	9468.0
7.5°	4770.0	4925.8	5081.6	5393.2	5788.7	6352.0	6903.3	7598.4	8269.6	8593.2	9024.6
10°	3703.3	3823.2	4002.9	4326.5	4698.1	5165.5	5824.6	6651.6	7454.6	7874.1	8317.5
12.5°	2972.2	3140.0	3379.7	3715.3	4146.8	4626.2	5105.6	5872.6	6807.4	7286.8	7790.2
15°	2409.0	2540.8	2804.5	3223.9	3727.3	4218.7	4722.0	5357.2	6376.0	6927.3	7526.5
17.5°	1917.6	2013.5	2253.2	2672.6	3176.0	3727.3	4302.6	5105.6	6232.1	6903.3	7610.4
20°	1558.0	1629.9	1785.7	2097.4	2576.7	3176.0	3895.1	4865.9	6316.0	7178.9	8041.8
22.5°	1366.3	1390.2	1462.2	1629.9	2025.4	2660.6	3523.6	4662.1	6471.8	7586.4	8749.0
25°	1234.4	1258.4	1282.4	1390.2	1618.0	2217.2	3200.0	4542.3	6807.4	8185.7	9563.9
27.5°	1150.5	1174.5	1186.5	1234.4	1390.2	1893.6	2924.3	4470.4	7262.8	9060.6	10570.7
30°	1078.6	1078.6	1114.6	1186.5	1294.4	1665.9	2684.6	4302.6	7742.2	9791.6	11361.7
32.5°	1018.7	1030.7	1078.6	1114.6	1186.5	1474.1	2444.9	4086.8	8173.7	10390.9	12140.7
35°	910.9	910.9	922.8	982.8	1078.6	1318.3	2229.2	3871.1	8413.4	10978.1	12835.8
37.5°	838.9	850.9	874.9	922.8	1006.7	1210.5	2049.4	3631.4	8665.1	11529.4	13650.8
40°	791.0	803.0	827.0	874.9	958.8	1114.6	1893.6	3439.7	8928.7	12128.7	14525.7
42.5°	755.0	767.0	791.0	838.9	910.9	1090.6	1725.8	3283.9	9084.5	12680.0	15352.6
45°	719.1	731.1	767.0	815.0	874.9	1066.7	1629.9	3176.0	9144.5	13051.5	16011.8
47.5°	683.1	695.1	731.1	803.0	874.9	1030.7	1594.0	3116.1	9192.4	13471.0	16539.1
50°	647.2	671.2	719.1	791.0	886.9	982.8	1570.0	3104.1	9468.0	14010.3	17042.5
52.5°	623.2	659.2	707.1	791.0	874.9	910.9	1558.0	3140.0	10019.4	14813.3	17761.6
55°	599.2	635.2	683.1	791.0	838.9	850.9	1498.1	3200.0	10858.3	15927.9	18780.3
57.5°	575.3	599.2	659.2	767.0	791.0	803.0	1378.3	3283.9	11697.2	17018.5	19823.0
60°	539.3	563.3	623.2	767.0	719.1	755.0	1222.5	3307.8	12296.5	17366.1	19918.9
62.5°	503.4	527.3	587.3	791.0	659.2	707.1	1090.6	3223.9	12416.3	16862.7	19379.5
65°	467.4	491.4	539.3	659.2	611.2	659.2	1006.7	2996.2	12020.8	15712.2	18396.8
67.5°	431.5	455.4	491.4	539.3	551.3	599.2	970.8	2636.7	11026.1	14286.0	17054.5
70°	383.5	407.5	443.4	479.4	491.4	563.3	910.9	2289.1	9420.1	12380.4	15412.5
72.5°	347.6	359.5	395.5	419.5	443.4	515.3	874.9	2001.5	7202.9	10019.4	12572.1
75°	299.6	299.6	335.6	359.5	383.5	455.4	803.0	1665.9	5081.6	7646.3	9240.3
77.5°	251.7	251.7	275.7	299.6	323.6	395.5	683.1	1354.3	3523.6	6064.3	6699.5
80°	191.8	191.8	215.7	239.7	263.7	335.6	551.3	994.7	2181.2	4434.4	4877.8
82.5°	131.8	131.8	167.8	179.8	191.8	263.7	419.5	683.1	1282.4	3200.0	3487.6
85°	71.9	71.9	95.9	107.9	131.8	191.8	311.6	479.4	767.0	2313.1	2325.1
87.5°	12.0	12.0	36.0	36.0	59.9	95.9	179.8	263.7	431.5	1282.4	815.0
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: P598600
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2	8557.2
2.5°	9360.2	9492.0	9504.0	9504.0	9444.1	9456.1	9288.3	9108.5	9048.6	9036.6
5°	9851.6	10199.1	10295.0	10342.9	10187.1	9947.4	9516.0	9048.6	8808.9	8772.9
7.5°	9755.7	10450.8	10822.3	10870.3	10558.7	9995.4	9240.3	8521.2	8245.6	8173.7
10°	9192.4	10127.2	10798.4	10966.2	10630.6	9911.5	8928.7	8089.8	7754.2	7694.3
12.5°	8796.9	9695.8	10354.9	10582.6	10426.8	9803.6	8772.9	7814.1	7478.6	7394.7
15°	8581.2	9408.1	9839.6	9911.5	9899.5	9635.8	8772.9	7874.1	7502.5	7406.7
17.5°	8760.9	9324.2	9384.2	9216.4	9312.2	9444.1	8964.7	8197.7	7838.1	7754.2
20°	9120.5	9288.3	9000.6	8749.0	8796.9	9216.4	9264.3	8808.9	8521.2	8377.4
22.5°	9875.5	9420.1	8760.9	8413.4	8449.3	9036.6	9659.8	9635.8	9384.2	9312.2
25°	10642.6	9791.6	8689.0	8281.5	8329.5	9000.6	10127.2	10558.7	10426.8	10390.9
27.5°	11493.5	10414.9	8737.0	8221.6	8281.5	9048.6	10450.8	11337.7	11361.7	11325.7
30°	12068.8	10714.5	8880.8	8293.5	8377.4	9168.4	10522.7	11805.1	12020.8	12032.8
32.5°	12548.2	11014.1	9180.4	8413.4	8557.2	9384.2	10714.5	12248.5	12727.9	12739.9
35°	12931.7	11349.7	9551.9	8629.1	8844.8	9743.7	10966.2	12668.0	13387.1	13471.0
37.5°	13423.1	11721.2	9983.4	9096.5	9336.2	10259.1	11409.6	13159.4	14166.1	14393.8
40°	13950.4	12092.7	10606.6	9851.6	10199.1	11026.1	11913.0	13710.7	14825.3	15136.9
42.5°	14537.7	12488.2	11313.7	10870.3	11397.6	11996.9	12488.2	14214.1	15328.7	15688.2
45°	15112.9	12967.6	12344.4	12260.5	12847.8	13147.4	13051.5	14573.6	15808.0	16167.6
47.5°	15520.4	13662.8	13590.8	14094.2	14645.5	14489.7	13710.7	14837.3	16203.5	16599.0
50°	15891.9	14525.7	15160.9	16143.6	16479.2	15951.9	14417.8	15196.8	16623.0	17066.5
52.5°	16443.2	15448.5	16778.8	18001.3	18324.9	17485.9	15184.8	15784.1	17270.2	17665.7
55°	17569.8	16491.2	18468.7	19870.9	19930.8	18888.2	16215.5	16778.8	18181.1	18636.5
57.5°	18828.2	17773.6	19811.0	21417.0	21393.0	20290.4	17378.1	18121.1	19415.5	19727.1
60°	19966.8	19067.9	21273.1	22519.6	22459.7	21309.1	18732.4	19643.2	20829.7	21069.4
62.5°	20638.0	20242.5	21920.3	22867.1	22639.4	21644.7	19882.9	20997.5	21836.4	21920.3
65°	20530.1	20913.6	21165.3	21752.5	21429.0	20709.9	20446.2	21860.4	21944.3	21860.4
67.5°	19715.1	20530.1	19091.9	19151.8	18984.0	18372.8	19571.3	21632.7	21057.4	20853.7
70°	18480.7	18540.6	15963.9	15208.8	15472.5	14633.5	16790.8	19858.9	18972.1	18720.4
72.5°	16431.3	15688.2	12068.8	11301.7	11697.2	11098.0	13471.0	17306.2	16443.2	15628.3
75°	13782.6	12428.3	9192.4	8101.8	8305.5	8281.5	10438.8	14298.0	12739.9	11924.9
77.5°	10678.5	9683.8	6783.4	6364.0	6148.2	6196.2	7286.8	10630.6	9240.3	8221.6
80°	7802.2	6771.5	5249.4	5489.1	5369.2	5081.6	5105.6	7119.0	6423.9	5812.7
82.5°	5393.2	4817.9	4254.6	4805.9	4518.3	4074.9	3979.0	5129.5	4817.9	4446.4
85°	3619.4	3967.0	3379.7	3679.4	3188.0	2936.3	3739.3	4290.6	3463.6	3092.1
87.5°	2361.0	3631.4	2432.9	1845.7	1054.7	1414.2	2289.1	2816.4	1618.0	874.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)