

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: P598650

Luminaire Tested: **IFLD-S-SA3A-730-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598650
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3A-730-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (48) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

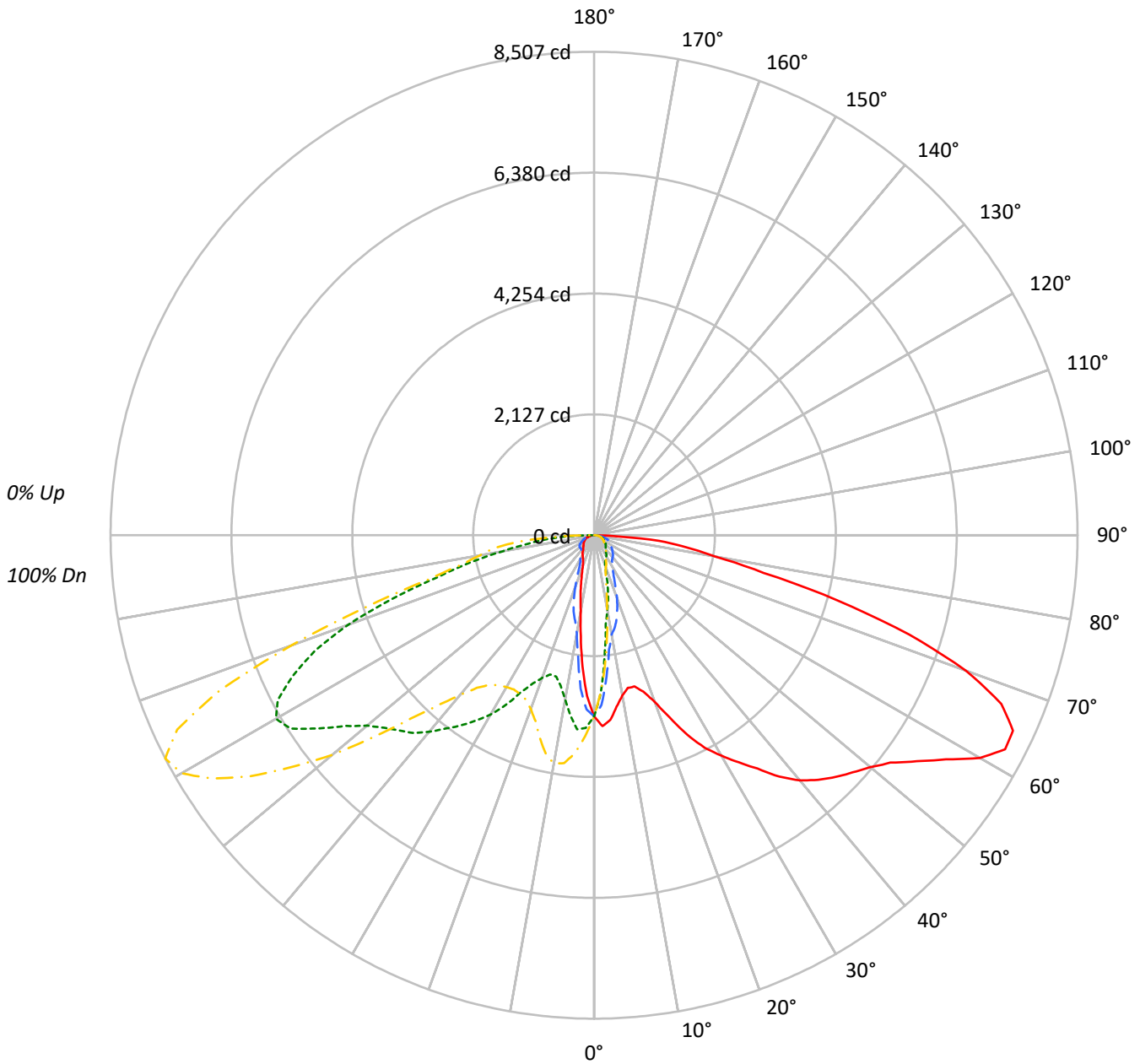
Lumens per Lamp: N/A
 Luminaire Lumens: 10656.5 lumens
 Efficiency: N/A
 Efficacy: 112.4 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 94.8
 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	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°	45686	45686	45686	45686
5°	47016	30574	33401	49393
10°	41713	19428	19621	42688
15°	40939	13778	13050	38288
20°	47597	8716	8783	40788
25°	61211	7484	7272	48221
30°	74180	7093	6650	60364
35°	87798	6250	6015	71552
40°	105495	5930	5514	84531
45°	122072	5882	5338	98544
50°	141751	5973	5376	116369
55°	173471	6135	5467	148259
60°	224974	6143	5758	185432
65°	276162	6208	5906	198490
70°	292224	6546	6173	193256
75°	245988	6920	6183	157726
80°	178712	8108	6265	136338
85°	189419	11741	5138	141698

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	246.4	2.3
10°-20°	515.6	4.8
20°-30°	743.0	7.0
30°-40°	1069.7	10.0
40°-50°	1519.4	14.3
50°-60°	2184.4	20.5
60°-70°	2523.7	23.7
70°-80°	1429.0	13.4
80°-90°	425.3	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°	1505.0	14.1
0°-40°	2574.6	24.2
0°-60°	6278.5	58.9
0°-90°	10656.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10656.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3183	3183	3183	3183	3183	
5°	3264	2122	2318	3428	3264	296
15°	2755	927	878	2577	2755	810
25°	3865	473	459	3045	3865	1794
35°	5011	357	343	4084	5011	3180
45°	6014	290	263	4855	6014	4657
55°	6933	245	218	5925	6933	6279
65°	8132	183	174	5845	8132	7798
75°	4436	125	112	2844	4436	4707
85°	1150	71	31	860	1150	1146
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°	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3
2.5°	3361.6	3357.2	3330.4	3245.7	3156.5	3071.8	2991.6	2906.9	2862.3	2808.8	2786.5
5°	3263.5	3254.6	3178.8	2991.6	2826.6	2648.3	2496.7	2376.3	2278.2	2180.2	2144.5
7.5°	3040.6	3027.2	2938.1	2679.5	2438.7	2206.9	2024.1	1868.1	1738.8	1680.8	1613.9
10°	2862.3	2840.0	2724.1	2438.7	2126.6	1894.8	1774.4	1667.4	1556.0	1462.4	1364.3
12.5°	2750.8	2724.1	2603.7	2269.3	1966.1	1792.3	1667.4	1547.1	1408.8	1292.9	1185.9
15°	2755.3	2724.1	2576.9	2224.7	1926.0	1703.1	1529.2	1364.3	1203.8	1074.5	954.1
17.5°	2884.6	2844.4	2688.4	2287.2	1894.8	1587.2	1355.3	1141.3	958.6	820.3	722.3
20°	3116.4	3089.7	2911.3	2380.8	1863.6	1462.4	1177.0	918.4	726.7	619.7	579.6
22.5°	3464.2	3433.0	3241.2	2523.4	1854.7	1350.9	985.3	722.3	584.0	539.5	517.2
25°	3865.4	3807.5	3629.1	2764.2	1872.5	1248.3	829.3	597.4	521.6	490.4	477.0
27.5°	4213.2	4177.5	3976.9	2991.6	1881.4	1168.1	722.3	543.9	486.0	459.2	450.3
30°	4476.2	4462.8	4266.7	3241.2	1859.1	1070.0	655.4	521.6	486.0	459.2	432.5
32.5°	4739.3	4743.7	4534.2	3433.0	1827.9	985.3	593.0	463.7	428.0	410.2	414.6
35°	5011.2	5033.5	4855.2	3620.2	1761.1	954.1	548.4	432.5	401.3	374.5	361.1
37.5°	5354.5	5412.5	5238.6	3829.8	1694.2	927.3	526.1	410.2	379.0	356.7	338.8
40°	5630.9	5737.9	5635.4	4025.9	1649.6	896.1	508.3	387.9	365.6	338.8	325.5
42.5°	5836.0	5960.9	5925.2	4177.5	1649.6	864.9	490.4	374.5	356.7	325.5	307.6
45°	6014.4	6143.7	6139.2	4333.6	1685.3	847.1	468.1	374.5	347.8	316.5	298.7
47.5°	6174.9	6304.2	6348.7	4529.7	1743.2	838.2	441.4	365.6	347.8	312.1	285.3
50°	6348.7	6491.4	6625.2	4841.8	1814.6	815.9	423.5	352.2	352.2	307.6	276.4
52.5°	6571.7	6732.2	6977.4	5229.7	1885.9	775.8	396.8	343.3	352.2	303.2	267.5
55°	6932.8	7066.5	7387.5	5693.4	1975.1	726.7	374.5	321.0	334.4	289.8	254.1
57.5°	7338.5	7454.4	7721.9	6050.0	2001.8	664.3	343.3	298.7	321.0	276.4	236.3
60°	7837.8	7895.8	7895.8	6152.6	1912.6	606.3	321.0	280.9	289.8	263.0	222.9
62.5°	8154.4	8154.4	7895.8	5965.3	1743.2	557.3	303.2	263.0	254.1	245.2	209.5
65°	8132.1	8096.4	7713.0	5421.4	1547.1	526.1	285.3	240.8	227.4	222.9	196.2
67.5°	7757.6	7695.2	7173.5	4654.6	1342.0	512.7	267.5	218.5	209.5	200.6	178.3
70°	6964.0	6803.5	6161.5	3745.0	1141.3	503.8	263.0	200.6	191.7	182.8	165.0
72.5°	5813.7	5608.6	4810.6	2880.1	958.6	472.6	249.7	178.3	173.9	165.0	147.1
75°	4436.1	4057.1	3357.2	2202.4	744.6	410.2	214.0	156.0	156.0	151.6	133.8
77.5°	3058.5	2862.3	2340.7	1627.3	543.9	316.5	173.9	138.2	138.2	142.7	124.8
80°	2162.3	1979.5	1667.4	1168.1	343.3	214.0	133.8	115.9	129.3	138.2	115.9
82.5°	1654.1	1520.3	1239.4	851.6	200.6	147.1	102.5	93.6	111.5	120.4	98.1
85°	1150.3	989.8	628.6	570.7	115.9	89.2	75.8	75.8	98.1	120.4	89.2
87.5°	325.5	138.2	40.1	169.4	49.0	35.7	26.8	17.8	26.8	26.8	17.8
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3
2.5°	2764.2	2737.4	2737.4	2728.5	2733.0	2737.4	2733.0	2764.2	2777.6	2795.4	2831.1
5°	2122.2	2157.9	2131.1	2157.9	2193.5	2247.0	2260.4	2300.5	2305.0	2336.2	2318.4
7.5°	1573.8	1569.4	1547.1	1578.3	1676.4	1752.1	1787.8	1810.1	1814.6	1814.6	1792.3
10°	1333.1	1292.9	1252.8	1230.5	1239.4	1319.7	1346.4	1359.8	1350.9	1364.3	1346.4
12.5°	1141.3	1105.7	1047.7	1007.6	980.8	1003.1	1029.9	1043.3	1052.2	1074.5	1092.3
15°	927.3	891.7	856.0	833.7	811.4	793.6	815.9	829.3	851.6	869.4	878.3
17.5°	704.4	686.6	668.8	682.1	682.1	673.2	682.1	686.6	695.5	708.9	704.4
20°	570.7	566.2	561.8	584.0	601.9	601.9	610.8	597.4	593.0	579.6	575.1
22.5°	508.3	508.3	512.7	530.5	548.4	557.3	557.3	535.0	512.7	503.8	508.3
25°	472.6	472.6	486.0	490.4	499.3	499.3	503.8	481.5	468.1	454.8	459.2
27.5°	445.8	445.8	450.3	450.3	454.8	454.8	459.2	450.3	432.5	428.0	428.0
30°	428.0	428.0	423.5	423.5	423.5	423.5	428.0	414.6	405.7	401.3	401.3
32.5°	410.2	405.7	401.3	401.3	396.8	396.8	401.3	387.9	383.4	383.4	383.4
35°	356.7	352.2	356.7	365.6	365.6	370.0	370.0	365.6	356.7	347.8	343.3
37.5°	334.4	329.9	329.9	329.9	338.8	343.3	347.8	338.8	325.5	312.1	312.1
40°	316.5	316.5	312.1	312.1	312.1	321.0	329.9	316.5	298.7	294.3	294.3
42.5°	303.2	298.7	294.3	289.8	285.3	298.7	307.6	289.8	280.9	280.9	280.9
45°	289.8	285.3	280.9	276.4	272.0	276.4	285.3	267.5	263.0	263.0	263.0
47.5°	276.4	272.0	263.0	258.6	254.1	254.1	263.0	249.7	245.2	249.7	249.7
50°	267.5	258.6	249.7	245.2	240.8	240.8	240.8	236.3	236.3	236.3	240.8
52.5°	258.6	249.7	236.3	231.8	227.4	227.4	227.4	227.4	222.9	227.4	231.8
55°	245.2	236.3	227.4	222.9	218.5	214.0	218.5	214.0	214.0	218.5	218.5
57.5°	227.4	218.5	209.5	209.5	205.1	205.1	209.5	205.1	205.1	209.5	209.5
60°	214.0	205.1	196.2	196.2	191.7	196.2	200.6	196.2	196.2	196.2	200.6
62.5°	196.2	191.7	182.8	182.8	182.8	182.8	187.3	182.8	187.3	187.3	187.3
65°	182.8	173.9	169.4	169.4	169.4	169.4	178.3	169.4	173.9	173.9	173.9
67.5°	169.4	160.5	156.0	156.0	156.0	156.0	165.0	156.0	160.5	165.0	160.5
70°	156.0	147.1	142.7	142.7	142.7	142.7	147.1	142.7	142.7	147.1	147.1
72.5°	138.2	133.8	129.3	129.3	124.8	129.3	133.8	129.3	129.3	129.3	129.3
75°	124.8	120.4	120.4	115.9	115.9	115.9	120.4	111.5	111.5	111.5	111.5
77.5°	115.9	107.0	107.0	107.0	102.5	107.0	102.5	93.6	93.6	93.6	93.6
80°	98.1	89.2	93.6	93.6	89.2	89.2	84.7	75.8	75.8	75.8	75.8
82.5°	80.3	71.3	75.8	75.8	75.8	75.8	66.9	62.4	58.0	53.5	53.5
85°	71.3	58.0	66.9	66.9	62.4	62.4	44.6	44.6	35.7	35.7	31.2
87.5°	13.4	8.9	17.8	22.3	22.3	26.8	17.8	22.3	13.4	8.9	8.9
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°	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3
2.5°	2826.6	2875.7	2942.5	2991.6	3067.4	3125.3	3214.5	3290.3	3361.6	3392.8	3424.0
5°	2371.9	2403.1	2505.6	2585.9	2706.2	2835.5	2996.0	3169.9	3348.2	3428.5	3522.1
7.5°	1774.4	1832.4	1890.4	2006.3	2153.4	2362.9	2568.0	2826.6	3076.3	3196.7	3357.2
10°	1377.6	1422.2	1489.1	1609.5	1747.7	1921.6	2166.8	2474.4	2773.1	2929.2	3094.1
12.5°	1105.7	1168.1	1257.3	1382.1	1542.6	1720.9	1899.3	2184.6	2532.4	2710.7	2898.0
15°	896.1	945.2	1043.3	1199.3	1386.6	1569.4	1756.6	1992.9	2371.9	2576.9	2799.9
17.5°	713.3	749.0	838.2	994.2	1181.5	1386.6	1600.6	1899.3	2318.4	2568.0	2831.1
20°	579.6	606.3	664.3	780.2	958.6	1181.5	1449.0	1810.1	2349.6	2670.6	2991.6
22.5°	508.3	517.2	543.9	606.3	753.5	989.8	1310.8	1734.3	2407.5	2822.2	3254.6
25°	459.2	468.1	477.0	517.2	601.9	824.8	1190.4	1689.7	2532.4	3045.1	3557.8
27.5°	428.0	436.9	441.4	459.2	517.2	704.4	1087.8	1663.0	2701.8	3370.5	3932.3
30°	401.3	401.3	414.6	441.4	481.5	619.7	998.7	1600.6	2880.1	3642.5	4226.5
32.5°	379.0	383.4	401.3	414.6	441.4	548.4	909.5	1520.3	3040.6	3865.4	4516.3
35°	338.8	338.8	343.3	365.6	401.3	490.4	829.3	1440.1	3129.8	4083.9	4774.9
37.5°	312.1	316.5	325.5	343.3	374.5	450.3	762.4	1350.9	3223.4	4289.0	5078.1
40°	294.3	298.7	307.6	325.5	356.7	414.6	704.4	1279.6	3321.5	4511.9	5403.6
42.5°	280.9	285.3	294.3	312.1	338.8	405.7	642.0	1221.6	3379.5	4717.0	5711.2
45°	267.5	272.0	285.3	303.2	325.5	396.8	606.3	1181.5	3401.7	4855.2	5956.4
47.5°	254.1	258.6	272.0	298.7	325.5	383.4	593.0	1159.2	3419.6	5011.2	6152.6
50°	240.8	249.7	267.5	294.3	329.9	365.6	584.0	1154.7	3522.1	5211.9	6339.8
52.5°	231.8	245.2	263.0	294.3	325.5	338.8	579.6	1168.1	3727.2	5510.6	6607.3
55°	222.9	236.3	254.1	294.3	312.1	316.5	557.3	1190.4	4039.3	5925.2	6986.3
57.5°	214.0	222.9	245.2	285.3	294.3	298.7	512.7	1221.6	4351.4	6330.9	7374.2
60°	200.6	209.5	231.8	285.3	267.5	280.9	454.8	1230.5	4574.3	6460.2	7409.8
62.5°	187.3	196.2	218.5	294.3	245.2	263.0	405.7	1199.3	4618.9	6272.9	7209.2
65°	173.9	182.8	200.6	245.2	227.4	245.2	374.5	1114.6	4471.8	5844.9	6843.6
67.5°	160.5	169.4	182.8	200.6	205.1	222.9	361.1	980.8	4101.7	5314.4	6344.3
70°	142.7	151.6	165.0	178.3	182.8	209.5	338.8	851.6	3504.3	4605.5	5733.5
72.5°	129.3	133.8	147.1	156.0	165.0	191.7	325.5	744.6	2679.5	3727.2	4676.8
75°	111.5	111.5	124.8	133.8	142.7	169.4	298.7	619.7	1890.4	2844.4	3437.4
77.5°	93.6	93.6	102.5	111.5	120.4	147.1	254.1	503.8	1310.8	2255.9	2492.2
80°	71.3	71.3	80.3	89.2	98.1	124.8	205.1	370.0	811.4	1649.6	1814.6
82.5°	49.0	49.0	62.4	66.9	71.3	98.1	156.0	254.1	477.0	1190.4	1297.4
85°	26.8	26.8	35.7	40.1	49.0	71.3	115.9	178.3	285.3	860.5	864.9
87.5°	4.5	4.5	13.4	13.4	22.3	35.7	66.9	98.1	160.5	477.0	303.2
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: P598650
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3	3183.3
2.5°	3482.0	3531.0	3535.5	3535.5	3513.2	3517.7	3455.2	3388.4	3366.1	3361.6
5°	3664.8	3794.1	3829.8	3847.6	3789.6	3700.5	3540.0	3366.1	3276.9	3263.5
7.5°	3629.1	3887.7	4025.9	4043.8	3927.8	3718.3	3437.4	3169.9	3067.4	3040.6
10°	3419.6	3767.3	4017.0	4079.4	3954.6	3687.1	3321.5	3009.4	2884.6	2862.3
12.5°	3272.5	3606.8	3852.0	3936.8	3878.8	3647.0	3263.5	2906.9	2782.0	2750.8
15°	3192.2	3499.8	3660.3	3687.1	3682.6	3584.5	3263.5	2929.2	2790.9	2755.3
17.5°	3259.1	3468.6	3490.9	3428.5	3464.2	3513.2	3334.9	3049.5	2915.8	2884.6
20°	3392.8	3455.2	3348.2	3254.6	3272.5	3428.5	3446.3	3276.9	3169.9	3116.4
22.5°	3673.7	3504.3	3259.1	3129.8	3143.2	3361.6	3593.5	3584.5	3490.9	3464.2
25°	3959.0	3642.5	3232.3	3080.7	3098.6	3348.2	3767.3	3927.8	3878.8	3865.4
27.5°	4275.6	3874.3	3250.2	3058.5	3080.7	3366.1	3887.7	4217.6	4226.5	4213.2
30°	4489.6	3985.8	3303.7	3085.2	3116.4	3410.7	3914.5	4391.5	4471.8	4476.2
32.5°	4667.9	4097.3	3415.1	3129.8	3183.3	3490.9	3985.8	4556.5	4734.8	4739.3
35°	4810.6	4222.1	3553.3	3210.0	3290.3	3624.7	4079.4	4712.5	4980.0	5011.2
37.5°	4993.4	4360.3	3713.8	3383.9	3473.1	3816.4	4244.4	4895.3	5269.8	5354.5
40°	5189.6	4498.5	3945.7	3664.8	3794.1	4101.7	4431.6	5100.4	5515.0	5630.9
42.5°	5408.0	4645.6	4208.7	4043.8	4239.9	4462.8	4645.6	5287.6	5702.3	5836.0
45°	5622.0	4824.0	4592.1	4560.9	4779.4	4890.8	4855.2	5421.4	5880.6	6014.4
47.5°	5773.6	5082.6	5055.8	5243.1	5448.1	5390.2	5100.4	5519.5	6027.7	6174.9
50°	5911.8	5403.6	5639.9	6005.4	6130.3	5934.1	5363.4	5653.2	6183.8	6348.7
52.5°	6116.9	5746.9	6241.7	6696.5	6816.9	6504.8	5648.8	5871.7	6424.5	6571.7
55°	6536.0	6134.7	6870.4	7392.0	7414.3	7026.4	6032.2	6241.7	6763.4	6932.8
57.5°	7004.1	6611.8	7369.7	7967.1	7958.2	7548.0	6464.7	6741.1	7222.6	7338.5
60°	7427.7	7093.3	7913.6	8377.3	8355.0	7927.0	6968.5	7307.3	7748.7	7837.8
62.5°	7677.3	7530.2	8154.4	8506.6	8421.9	8051.8	7396.5	7811.1	8123.2	8154.4
65°	7637.2	7779.9	7873.5	8092.0	7971.6	7704.1	7606.0	8132.1	8163.3	8132.1
67.5°	7334.0	7637.2	7102.2	7124.5	7062.1	6834.7	7280.5	8047.4	7833.4	7757.6
70°	6874.8	6897.1	5938.6	5657.7	5755.8	5443.7	6246.2	7387.5	7057.6	6964.0
72.5°	6112.4	5836.0	4489.6	4204.3	4351.4	4128.5	5011.2	6437.9	6116.9	5813.7
75°	5127.1	4623.3	3419.6	3013.9	3089.7	3080.7	3883.3	5318.9	4739.3	4436.1
77.5°	3972.4	3602.4	2523.4	2367.4	2287.2	2305.0	2710.7	3954.6	3437.4	3058.5
80°	2902.4	2519.0	1952.8	2041.9	1997.4	1890.4	1899.3	2648.3	2389.7	2162.3
82.5°	2006.3	1792.3	1582.7	1787.8	1680.8	1515.9	1480.2	1908.2	1792.3	1654.1
85°	1346.4	1475.7	1257.3	1368.7	1185.9	1092.3	1391.0	1596.1	1288.5	1150.3
87.5°	878.3	1350.9	905.1	686.6	392.3	526.1	851.6	1047.7	601.9	325.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)