

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: P598864

Luminaire Tested: **IFLD-M-SA4B-722-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598864
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4B-722-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (64) 2200K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

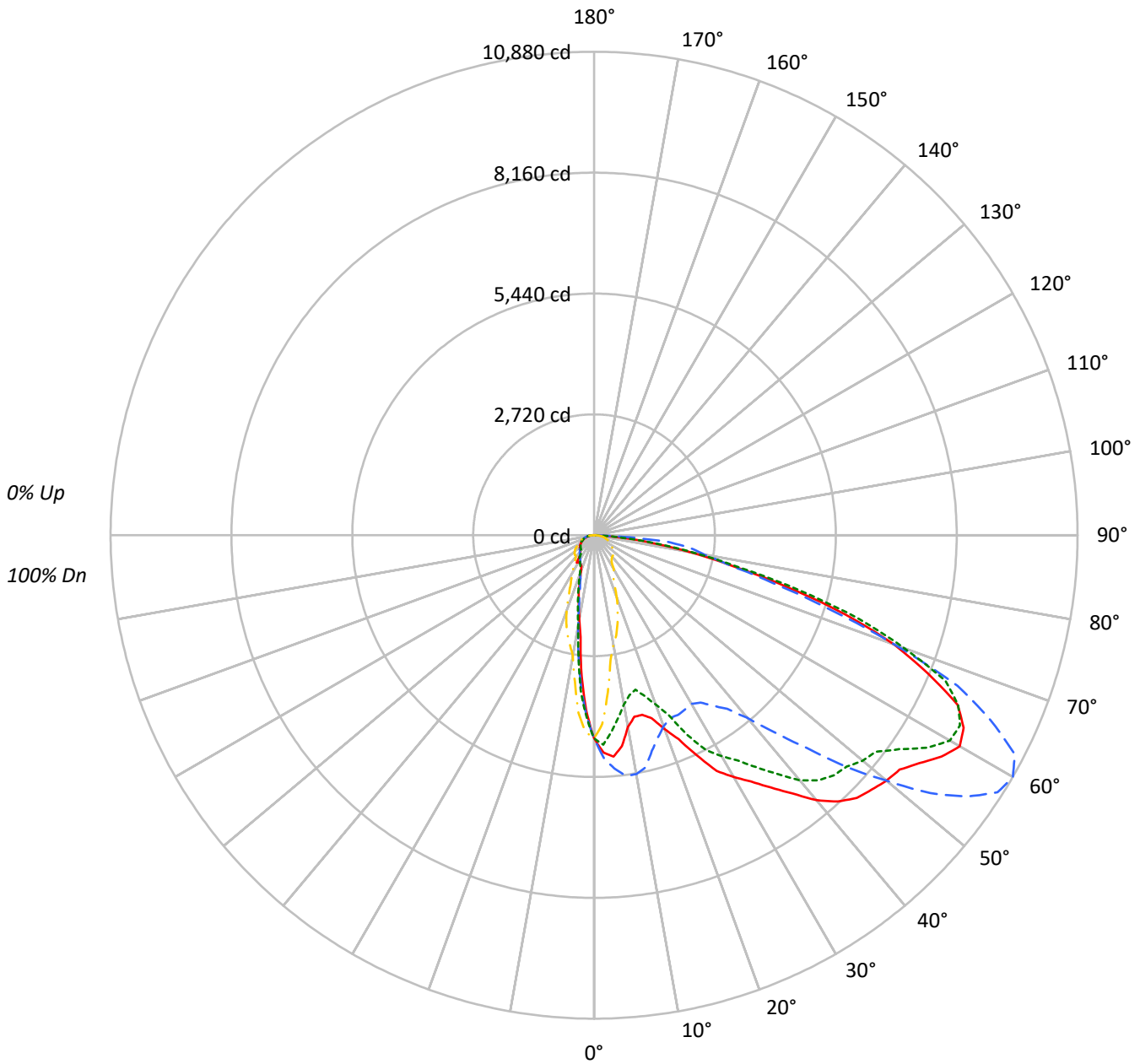
Lumens per Lamp: N/A
 Luminaire Lumens: 14310.2 lumens
 Efficiency: N/A
 Efficacy: 86.2 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 166.1
 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	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	49198	49198	49198	49198
5°	54050	48013	34432	37587
10°	47874	42255	20885	22411
15°	46618	40109	14784	15350
20°	53154	46392	9671	10690
25°	64763	58807	8444	8746
30°	78032	71326	8758	8126
35°	91006	83748	7257	6840
40°	109357	101151	6780	6423
45°	127266	116249	6861	6378
50°	143827	132133	7016	6591
55°	167733	157489	7266	6910
60°	204579	198975	7242	7242
65°	229911	230235	7437	7761
70°	225953	233944	7792	7991
75°	186388	198798	8185	8713
80°	134574	141262	9050	9447
85°	74484	79968	10189	12548

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	355.1	2.5
10°-20°	749.7	5.2
20°-30°	1096.9	7.7
30°-40°	1545.4	10.8
40°-50°	2123.9	14.8
50°-60°	2894.6	20.2
60°-70°	3168.0	22.1
70°-80°	1829.0	12.8
80°-90°	547.7	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°	2201.6	15.4
0°-40°	3747.0	26.2
0°-60°	8765.5	61.3
0°-90°	14310.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14310.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4571	4571	4571	4571	4571	
5°	5002	4444	3187	3479	5002	454
15°	4183	3599	1327	1378	4183	1222
25°	5453	4952	711	736	5453	2553
35°	6926	6373	552	520	6926	4392
45°	8360	7637	451	419	8360	6426
55°	8938	8392	387	368	8938	8065
65°	9027	9040	292	305	9027	8640
75°	4482	4780	197	210	4482	4814
85°	603	648	82	102	603	837
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°	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6
2.5°	4894.3	4875.3	4894.3	4964.2	4983.2	5014.9	5014.9	4970.5	4888.0	4849.9	4786.4
5°	5002.3	4970.5	5129.2	5275.2	5389.5	5376.8	5268.9	5180.0	5014.9	4767.4	4532.5
7.5°	4786.4	4818.2	4932.4	5313.3	5579.9	5630.7	5459.3	5281.6	4926.1	4583.3	4265.9
10°	4380.1	4424.6	4672.2	5065.7	5484.7	5567.2	5459.3	5243.5	4818.2	4392.8	4024.7
12.5°	4183.4	4284.9	4430.9	4907.0	5205.4	5402.2	5351.4	5211.7	4735.6	4234.1	3878.6
15°	4183.4	4208.7	4424.6	4824.5	4995.9	5002.3	5021.3	5046.7	4761.0	4304.0	3827.9
17.5°	4316.7	4386.5	4570.6	4818.2	4849.9	4773.7	4773.7	4881.6	4811.8	4500.8	4012.0
20°	4640.4	4615.0	4856.2	4957.8	4786.4	4596.0	4576.9	4761.0	4868.9	4710.2	4348.4
22.5°	4964.2	5078.4	5275.2	5046.7	4729.3	4475.4	4450.0	4678.5	5040.3	5072.1	4735.6
25°	5453.0	5567.2	5668.8	5389.5	4722.9	4443.6	4462.7	4640.4	5249.8	5586.3	5383.1
27.5°	5979.8	6049.7	6195.7	5764.0	4875.3	4405.5	4424.6	4691.2	5446.6	5922.7	5891.0
30°	6278.2	6354.4	6322.6	5833.8	4976.9	4430.9	4380.1	4761.0	5338.7	5922.7	6221.1
32.5°	6570.2	6525.8	6506.7	5948.1	5103.8	4589.6	4462.7	4907.0	5402.2	6017.9	6646.4
35°	6925.7	6862.2	6811.4	6170.3	5313.3	4742.0	4684.8	5097.5	5541.8	6214.7	6989.2
37.5°	7319.3	7319.3	7071.7	6335.3	5560.9	4989.6	4926.1	5370.4	5764.0	6335.3	7458.9
40°	7782.7	7801.7	7363.7	6557.5	5840.2	5383.1	5364.1	5725.9	5979.8	6513.1	7909.7
42.5°	8125.5	8138.2	7617.6	6640.0	6163.9	5929.1	6011.6	6297.3	6227.4	6671.8	7941.4
45°	8360.4	8296.9	7795.4	6874.9	6519.4	6748.0	6773.4	6855.9	6551.2	6767.0	8068.4
47.5°	8474.6	8461.9	7871.6	7147.9	7268.5	7579.6	7725.6	7611.3	6849.5	6665.4	8068.4
50°	8588.9	8481.0	7941.4	7522.4	7998.5	8627.0	8595.2	8385.8	7262.2	6792.4	7947.7
52.5°	8665.1	8569.8	8081.0	7858.9	8696.8	9407.8	9534.7	9147.5	7744.6	7027.3	8004.9
55°	8938.0	8861.9	8500.0	8315.9	9503.0	10233.0	10252.1	9712.5	8252.4	7414.5	8379.4
57.5°	9268.1	9312.6	9077.7	8963.4	10118.8	10836.1	10766.3	10131.5	8684.1	7884.3	8811.1
60°	9503.0	9572.8	9515.7	9528.4	10423.5	11039.2	10880.5	10391.7	9001.5	8239.7	9338.0
62.5°	9376.0	9515.7	9750.6	9699.8	10436.2	10893.2	10671.0	10048.9	9039.6	8703.2	9737.9
65°	9026.9	9039.6	9496.7	9776.0	9864.8	10137.8	9845.8	9331.6	8646.0	8988.8	9680.8
67.5°	8131.8	8233.4	8646.0	9192.0	8817.4	8880.9	8855.5	8112.8	8049.3	8792.0	9242.7
70°	7179.6	7249.5	7700.2	8341.3	7446.2	7147.9	7205.0	6652.7	6913.0	8182.6	8360.4
72.5°	5935.4	5979.8	6494.0	7059.0	5973.5	5440.3	5573.6	5122.9	5491.0	7160.6	7052.7
75°	4481.7	4564.2	4964.2	5630.7	4399.2	4056.4	4189.7	4005.6	4348.4	5897.3	5472.0
77.5°	3186.7	3123.2	3618.4	4405.5	3307.3	3104.2	3116.9	3148.6	3516.8	4970.5	3929.4
80°	2171.0	2190.1	2634.4	3231.1	2596.3	2564.6	2532.9	2786.8	2951.8	3935.8	2856.6
82.5°	1288.7	1288.7	1777.4	2298.0	2050.4	2310.7	2164.7	2393.2	2310.7	2894.7	1872.7
85°	603.1	603.1	914.1	1656.8	1587.0	1904.4	1618.7	1809.2	1707.6	2018.7	844.3
87.5°	101.6	88.9	184.1	812.5	653.8	742.7	292.0	964.9	1072.8	1409.3	209.5
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°	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6
2.5°	4716.6	4672.2	4583.3	4469.0	4373.8	4253.2	4215.1	4132.6	4018.3	4005.6	3954.8
5°	4443.6	4291.3	4100.8	3866.0	3707.3	3542.2	3402.5	3320.0	3224.8	3212.1	3186.7
7.5°	4145.3	3954.8	3637.4	3358.1	3085.1	2824.9	2697.9	2539.2	2431.3	2348.8	2310.7
10°	3866.0	3688.2	3294.6	2913.7	2672.5	2501.1	2348.8	2183.7	2050.4	1948.8	1910.8
12.5°	3681.9	3472.4	3047.1	2685.2	2507.5	2310.7	2139.3	1961.5	1790.1	1656.8	1587.0
15°	3599.3	3402.5	2970.9	2571.0	2310.7	2037.7	1840.9	1663.2	1453.7	1358.5	1326.7
17.5°	3796.1	3504.1	2945.5	2437.6	2069.5	1758.4	1517.2	1326.7	1174.4	1079.2	1041.1
20°	4050.0	3688.2	2989.9	2278.9	1840.9	1491.8	1225.2	1022.0	920.5	850.6	844.3
22.5°	4373.8	3961.2	3059.8	2164.7	1587.0	1199.8	958.6	837.9	768.1	761.8	749.1
25°	4951.5	4456.3	3174.0	2012.3	1383.9	990.3	818.9	749.1	717.3	698.3	711.0
27.5°	5446.6	4780.1	3256.5	1917.1	1301.3	933.2	793.5	717.3	685.6	679.2	685.6
30°	5738.6	5078.4	3231.1	1739.4	1136.3	888.7	844.3	818.9	755.4	704.6	704.6
32.5°	6005.2	5268.9	3224.8	1580.7	971.2	742.7	704.6	685.6	723.7	749.1	730.0
35°	6373.4	5567.2	3205.8	1491.8	901.4	685.6	622.1	571.3	545.9	533.2	552.3
37.5°	6767.0	5770.4	3155.0	1479.1	863.3	653.8	603.1	552.3	526.9	514.2	507.8
40°	7198.7	5986.2	3097.8	1415.6	844.3	634.8	584.0	539.6	507.8	488.8	482.5
42.5°	7478.0	6157.6	3040.7	1383.9	806.2	622.1	565.0	526.9	495.1	469.8	469.8
45°	7636.7	6360.7	2983.6	1352.1	761.8	628.5	565.0	514.2	476.1	463.4	450.7
47.5°	7706.5	6513.1	2964.5	1301.3	723.7	603.1	552.3	501.5	463.4	438.0	431.7
50°	7890.6	6836.8	3034.4	1263.3	679.2	577.7	584.0	495.1	457.1	425.3	419.0
52.5°	7998.5	7097.1	3186.7	1206.1	647.5	545.9	571.3	482.5	438.0	406.3	406.3
55°	8392.1	7528.8	3351.8	1161.7	609.4	501.5	526.9	457.1	406.3	387.2	387.2
57.5°	8893.6	7985.8	3491.4	1142.6	584.0	469.8	469.8	444.4	387.2	361.8	355.5
60°	9242.7	8360.4	3573.9	1130.0	558.6	438.0	419.0	444.4	368.2	342.8	336.4
62.5°	9280.8	8144.5	3491.4	1123.6	552.3	406.3	380.9	425.3	349.1	323.7	311.1
65°	9039.6	7706.5	3262.9	1098.2	545.9	374.5	355.5	368.2	323.7	304.7	292.0
67.5°	8557.2	6995.5	2932.8	1085.5	539.6	349.1	323.7	317.4	298.4	279.3	266.6
70°	7433.5	6068.7	2545.6	1028.4	526.9	330.1	292.0	285.7	266.6	253.9	247.6
72.5°	6240.1	4964.2	2101.2	952.2	501.5	298.4	266.6	253.9	247.6	228.5	222.2
75°	4780.1	3821.5	1682.2	844.3	438.0	266.6	234.9	222.2	215.8	203.1	196.8
77.5°	3358.1	2843.9	1244.2	685.6	368.2	241.2	209.5	196.8	190.4	171.4	171.4
80°	2278.9	1993.3	844.3	476.1	285.7	196.8	184.1	171.4	158.7	146.0	146.0
82.5°	1415.6	1396.6	609.4	311.1	209.5	158.7	146.0	146.0	127.0	114.3	114.3
85°	647.5	857.0	425.3	215.8	158.7	120.6	120.6	114.3	101.6	82.5	82.5
87.5°	203.1	285.7	222.2	95.2	88.9	69.8	69.8	63.5	63.5	50.8	50.8
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°	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6
2.5°	4005.6	3999.3	3999.3	3973.9	4037.3	4037.3	4075.4	4043.7	4062.7	4069.1	4119.9
5°	3180.4	3231.1	3269.2	3345.4	3389.9	3408.9	3408.9	3459.7	3440.6	3478.7	3554.9
7.5°	2329.7	2393.2	2507.5	2602.7	2678.9	2704.3	2697.9	2710.6	2729.7	2685.2	2697.9
10°	1885.4	1840.9	1879.0	1967.9	2037.7	2120.2	2056.8	2050.4	2069.5	2050.4	2088.5
12.5°	1574.3	1523.5	1491.8	1491.8	1542.6	1580.7	1561.6	1593.4	1663.2	1682.2	1726.7
15°	1276.0	1231.5	1206.1	1174.4	1225.2	1237.9	1256.9	1301.3	1352.1	1377.5	1428.3
17.5°	1022.0	1022.0	1022.0	996.6	1015.7	1034.7	1041.1	1098.2	1104.6	1130.0	1149.0
20°	837.9	857.0	888.7	901.4	920.5	920.5	907.8	939.5	914.1	933.2	945.9
22.5°	755.4	780.8	793.5	799.9	825.2	831.6	799.9	806.2	812.5	793.5	799.9
25°	711.0	723.7	711.0	717.3	723.7	711.0	717.3	730.0	723.7	736.4	730.0
27.5°	691.9	679.2	672.9	666.5	666.5	653.8	660.2	660.2	672.9	679.2	679.2
30°	691.9	672.9	647.5	628.5	628.5	609.4	622.1	634.8	641.2	653.8	653.8
32.5°	711.0	672.9	628.5	609.4	590.4	577.7	590.4	609.4	634.8	641.2	647.5
35°	565.0	584.0	577.7	552.3	545.9	545.9	539.6	539.6	520.5	520.5	514.2
37.5°	507.8	501.5	514.2	520.5	526.9	507.8	507.8	482.5	476.1	482.5	482.5
40°	476.1	476.1	476.1	495.1	501.5	488.8	469.8	457.1	457.1	457.1	463.4
42.5°	463.4	450.7	444.4	457.1	476.1	463.4	444.4	438.0	438.0	444.4	444.4
45°	444.4	438.0	431.7	425.3	450.7	431.7	425.3	419.0	419.0	419.0	425.3
47.5°	425.3	419.0	406.3	406.3	412.6	406.3	399.9	399.9	399.9	412.6	412.6
50°	412.6	406.3	393.6	393.6	393.6	393.6	387.2	387.2	387.2	393.6	399.9
52.5°	393.6	387.2	380.9	374.5	374.5	374.5	374.5	374.5	374.5	380.9	387.2
55°	374.5	368.2	361.8	361.8	368.2	368.2	361.8	368.2	361.8	368.2	374.5
57.5°	355.5	349.1	342.8	349.1	355.5	349.1	349.1	349.1	349.1	349.1	355.5
60°	330.1	330.1	330.1	330.1	342.8	342.8	342.8	342.8	330.1	336.4	342.8
62.5°	317.4	311.1	311.1	317.4	323.7	323.7	330.1	323.7	317.4	323.7	323.7
65°	292.0	292.0	292.0	298.4	298.4	304.7	304.7	304.7	298.4	304.7	304.7
67.5°	273.0	273.0	273.0	273.0	285.7	285.7	285.7	285.7	279.3	279.3	285.7
70°	241.2	247.6	241.2	253.9	266.6	260.3	266.6	266.6	260.3	253.9	266.6
72.5°	222.2	222.2	222.2	222.2	241.2	241.2	241.2	247.6	241.2	234.9	241.2
75°	196.8	196.8	196.8	203.1	215.8	215.8	215.8	215.8	215.8	209.5	209.5
77.5°	171.4	177.7	171.4	177.7	190.4	184.1	190.4	196.8	190.4	184.1	184.1
80°	146.0	146.0	146.0	152.4	158.7	158.7	158.7	165.0	158.7	152.4	152.4
82.5°	114.3	114.3	120.6	120.6	127.0	127.0	127.0	133.3	127.0	120.6	120.6
85°	88.9	88.9	88.9	95.2	95.2	101.6	101.6	107.9	107.9	101.6	101.6
87.5°	57.1	50.8	57.1	57.1	63.5	63.5	57.1	50.8	57.1	50.8	44.4
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: P598864
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6	4570.6
2.5°	4170.7	4284.9	4367.4	4424.6	4507.1	4665.8	4729.3	4843.6	4875.3	4894.3
5°	3586.6	3707.3	3885.0	4012.0	4158.0	4456.3	4684.8	4856.2	4932.4	5002.3
7.5°	2812.2	2970.9	3155.0	3320.0	3561.2	3929.4	4227.8	4583.3	4716.6	4786.4
10°	2196.4	2342.4	2545.6	2748.7	3085.1	3396.2	3821.5	4145.3	4329.4	4380.1
12.5°	1853.6	2025.0	2266.2	2513.8	2723.3	3078.8	3510.5	3980.2	4151.6	4183.4
15°	1574.3	1809.2	2056.8	2310.7	2551.9	2863.0	3326.4	3897.7	4151.6	4183.4
17.5°	1301.3	1510.8	1802.8	2075.8	2355.1	2780.4	3358.1	3967.5	4221.4	4316.7
20°	1034.7	1237.9	1466.4	1809.2	2190.1	2640.8	3427.9	4202.4	4538.8	4640.4
22.5°	857.0	945.9	1168.0	1498.1	1948.8	2545.6	3497.8	4570.6	4926.1	4964.2
25°	749.1	812.5	952.2	1263.3	1758.4	2482.1	3662.8	4995.9	5453.0	5453.0
27.5°	698.3	723.7	818.9	1098.2	1625.1	2424.9	3827.9	5465.7	5891.0	5979.8
30°	685.6	749.1	799.9	977.6	1479.1	2266.2	3980.2	5833.8	6271.9	6278.2
32.5°	672.9	660.2	698.3	850.6	1301.3	2101.2	4107.2	6208.4	6551.2	6570.2
35°	526.9	552.3	615.8	749.1	1168.0	1980.6	4170.7	6411.5	6906.7	6925.7
37.5°	495.1	526.9	577.7	691.9	1079.2	1879.0	4189.7	6805.1	7281.2	7319.3
40°	482.5	507.8	545.9	641.2	1009.3	1752.1	4227.8	7211.4	7833.5	7782.7
42.5°	457.1	488.8	526.9	615.8	952.2	1656.8	4234.1	7433.5	8125.5	8125.5
45°	450.7	469.8	514.2	615.8	888.7	1574.3	4132.6	7655.7	8461.9	8360.4
47.5°	425.3	463.4	501.5	596.7	812.5	1491.8	4012.0	7770.0	8506.4	8474.6
50°	419.0	457.1	520.5	565.0	768.1	1453.7	3986.6	8055.7	8595.2	8588.9
52.5°	406.3	444.4	539.6	539.6	711.0	1402.9	4107.2	8182.6	8614.3	8665.1
55°	387.2	444.4	501.5	495.1	660.2	1339.4	4240.5	8512.7	8950.7	8938.0
57.5°	374.5	431.7	476.1	450.7	603.1	1295.0	4437.3	8830.1	9357.0	9268.1
60°	355.5	431.7	425.3	419.0	558.6	1256.9	4602.3	8893.6	9445.9	9503.0
62.5°	342.8	450.7	374.5	387.2	520.5	1237.9	4532.5	8417.5	9325.3	9376.0
65°	330.1	387.2	342.8	355.5	507.8	1199.8	4259.5	7846.2	8804.7	9026.9
67.5°	304.7	317.4	317.4	330.1	495.1	1110.9	3700.9	6817.8	8011.2	8131.8
70°	279.3	285.7	285.7	304.7	482.5	1009.3	3053.4	5897.3	6951.1	7179.6
72.5°	253.9	253.9	253.9	279.3	444.4	926.8	2513.8	4532.5	5776.7	5935.4
75°	222.2	222.2	222.2	247.6	399.9	844.3	1980.6	3370.8	4253.2	4481.7
77.5°	196.8	196.8	190.4	222.2	349.1	685.6	1428.3	2380.5	2996.3	3186.7
80°	165.0	158.7	158.7	177.7	273.0	495.1	920.5	1682.2	2088.5	2171.0
82.5°	133.3	127.0	120.6	133.3	196.8	311.1	571.3	1174.4	1339.4	1288.7
85°	127.0	133.3	107.9	101.6	139.7	203.1	361.8	723.7	603.1	603.1
87.5°	50.8	44.4	44.4	38.1	69.8	76.2	158.7	133.3	101.6	101.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)