

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: P599059

Luminaire Tested: **IFLD-S-SA3D-827-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599059
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3D-827-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (48) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

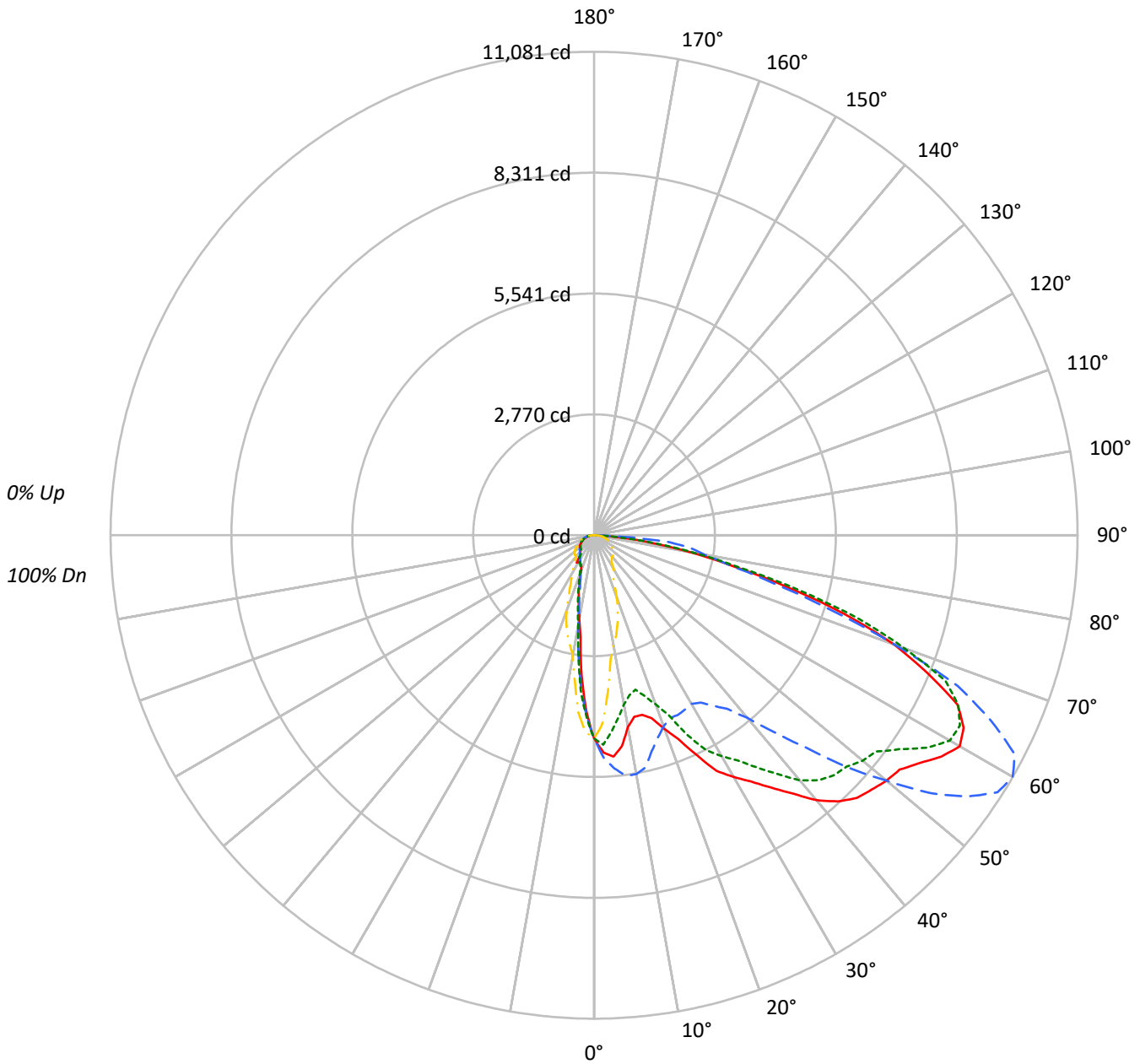
Lumens per Lamp: N/A
 Luminaire Lumens: 14573.4 lumens
 Efficiency: N/A
 Efficacy: 79.2 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 184.1
 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	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	100	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77	77	77	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60	60	60	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47	47	47	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38	38	38	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31	31	31	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26	26	26	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22	22	22	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19	19	19	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17	17	17	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15	15	15	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	66804	66804	66804	66804
5°	73392	65196	46754	51039
10°	65007	57376	28358	30430
15°	63300	54463	20075	20845
20°	72177	62993	13132	14514
25°	87940	79851	11467	11875
30°	105957	96851	11892	11035
35°	123573	113720	9853	9288
40°	148490	137349	9205	8721
45°	172808	157851	9316	8661
50°	195297	179418	9527	8949
55°	227758	213848	9869	9383
60°	277789	270180	9834	9834
65°	312186	312627	10100	10538
70°	306814	317666	10579	10851
75°	253086	269938	11112	11828
80°	182737	191821	12290	12827
85°	101140	108583	13832	17027

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	361.6	2.5
10°-20°	763.5	5.2
20°-30°	1117.0	7.7
30°-40°	1573.8	10.8
40°-50°	2162.9	14.8
50°-60°	2947.8	20.2
60°-70°	3226.3	22.1
70°-80°	1862.6	12.8
80°-90°	557.8	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°	2242.1	15.4
0°-40°	3815.9	26.2
0°-60°	8926.7	61.3
0°-90°	14573.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14573.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4655	4655	4655	4655	4655	
5°	5094	4525	3245	3543	5094	463
15°	4260	3666	1351	1403	4260	1245
25°	5553	5042	724	750	5553	2600
35°	7053	6491	562	530	7053	4472
45°	8514	7777	459	427	8514	6544
55°	9102	8546	394	375	9102	8213
65°	9193	9206	297	310	9193	8799
75°	4564	4868	200	213	4564	4903
85°	614	659	84	103	614	852
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°	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7
2.5°	4984.4	4965.0	4984.4	5055.5	5074.9	5107.2	5107.2	5061.9	4977.9	4939.1	4874.5
5°	5094.3	5061.9	5223.6	5372.2	5488.6	5475.7	5365.8	5275.3	5107.2	4855.1	4615.9
7.5°	4874.5	4906.8	5023.1	5411.0	5682.6	5734.3	5559.7	5378.7	5016.7	4667.6	4344.3
10°	4460.7	4506.0	4758.1	5158.9	5585.6	5669.6	5559.7	5339.9	4906.8	4473.6	4098.7
12.5°	4260.3	4363.7	4512.4	4997.3	5301.1	5501.5	5449.8	5307.6	4822.7	4312.0	3950.0
15°	4260.3	4286.2	4506.0	4913.2	5087.8	5094.3	5113.7	5139.5	4848.6	4383.1	3898.3
17.5°	4396.1	4467.2	4654.7	4906.8	4939.1	4861.5	4861.5	4971.4	4900.3	4583.5	4085.8
20°	4725.8	4699.9	4945.6	5049.0	4874.5	4680.5	4661.1	4848.6	4958.5	4796.9	4428.4
22.5°	5055.5	5171.8	5372.2	5139.5	4816.3	4557.7	4531.8	4764.6	5133.1	5165.4	4822.7
25°	5553.3	5669.6	5773.1	5488.6	4809.8	4525.4	4544.8	4725.8	5346.4	5689.0	5482.1
27.5°	6089.8	6161.0	6309.6	5870.0	4965.0	4486.6	4506.0	4777.5	5546.8	6031.7	5999.3
30°	6393.7	6471.3	6438.9	5941.1	5068.4	4512.4	4460.7	4848.6	5436.9	6031.7	6335.5
32.5°	6691.1	6645.8	6626.4	6057.5	5197.7	4674.0	4544.8	4997.3	5501.5	6128.6	6768.6
35°	7053.1	6988.4	6936.7	6283.8	5411.0	4829.2	4771.0	5191.2	5643.8	6329.0	7117.7
37.5°	7453.9	7453.9	7201.8	6451.9	5663.2	5081.3	5016.7	5469.2	5870.0	6451.9	7596.1
40°	7925.8	7945.2	7499.2	6678.1	5947.6	5482.1	5462.8	5831.2	6089.8	6632.9	8055.1
42.5°	8274.9	8287.9	7757.8	6762.2	6277.3	6038.1	6122.2	6413.1	6342.0	6794.5	8087.5
45°	8514.1	8449.5	7938.8	7001.4	6639.3	6872.1	6897.9	6982.0	6671.7	6891.5	8216.8
47.5°	8630.5	8617.6	8016.4	7279.4	7402.2	7719.0	7867.7	7751.3	6975.5	6788.0	8216.8
50°	8746.9	8637.0	8087.5	7660.8	8145.6	8785.7	8753.3	8540.0	7395.7	6917.3	8093.9
52.5°	8824.5	8727.5	8229.7	8003.4	8856.8	9580.8	9710.1	9315.8	7887.1	7156.5	8152.1
55°	9102.4	9024.9	8656.4	8468.9	9677.8	10421.3	10440.6	9891.1	8404.2	7550.9	8533.5
57.5°	9438.6	9483.9	9244.7	9128.3	10304.9	11035.4	10964.3	10317.8	8843.8	8029.3	8973.1
60°	9677.8	9748.9	9690.7	9703.7	10615.2	11242.3	11080.7	10582.9	9167.1	8391.3	9509.7
62.5°	9548.5	9690.7	9929.9	9878.2	10628.1	11093.6	10867.3	10233.8	9205.9	8863.2	9917.0
65°	9192.9	9205.9	9671.3	9955.8	10046.3	10324.3	10026.9	9503.3	8805.1	9154.2	9858.8
67.5°	8281.4	8384.8	8805.1	9361.0	8979.6	9044.3	9018.4	8262.0	8197.4	8953.7	9412.7
70°	7311.7	7382.8	7841.8	8494.7	7583.2	7279.4	7337.5	6775.1	7040.2	8333.1	8514.1
72.5°	6044.6	6089.8	6613.5	7188.9	6083.4	5540.3	5676.1	5217.1	5592.1	7292.3	7182.4
75°	4564.1	4648.2	5055.5	5734.3	4480.1	4131.0	4266.8	4079.3	4428.4	6005.8	5572.7
77.5°	3245.3	3180.7	3684.9	4486.6	3368.2	3161.3	3174.2	3206.5	3581.5	5061.9	4001.7
80°	2211.0	2230.4	2682.9	3290.6	2644.1	2611.8	2579.5	2838.0	3006.1	4008.2	2909.2
82.5°	1312.4	1312.4	1810.1	2340.3	2088.1	2353.2	2204.5	2437.2	2353.2	2947.9	1907.1
85°	614.2	614.2	930.9	1687.3	1616.2	1939.4	1648.5	1842.5	1739.0	2055.8	859.8
87.5°	103.4	90.5	187.5	827.5	665.9	756.4	297.4	982.6	1092.6	1435.2	213.3
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°	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7
2.5°	4803.3	4758.1	4667.6	4551.2	4454.2	4331.4	4292.6	4208.6	4092.2	4079.3	4027.6
5°	4525.4	4370.2	4176.3	3937.1	3775.4	3607.4	3465.1	3381.1	3284.1	3271.2	3245.3
7.5°	4221.5	4027.6	3704.3	3419.9	3141.9	2876.8	2747.5	2585.9	2476.0	2392.0	2353.2
10°	3937.1	3756.0	3355.2	2967.3	2721.7	2547.1	2392.0	2223.9	2088.1	1984.7	1945.9
12.5°	3749.6	3536.2	3103.1	2734.6	2553.6	2353.2	2178.6	1997.6	1823.1	1687.3	1616.2
15°	3665.5	3465.1	3025.5	2618.2	2353.2	2075.2	1874.8	1693.8	1480.4	1383.5	1351.1
17.5°	3865.9	3568.6	2999.7	2482.5	2107.5	1790.7	1545.1	1351.1	1196.0	1099.0	1060.2
20°	4124.5	3756.0	3044.9	2320.9	1874.8	1519.2	1247.7	1040.8	937.4	866.3	859.8
22.5°	4454.2	4034.0	3116.0	2204.5	1616.2	1221.8	976.2	853.4	782.2	775.8	762.8
25°	5042.5	4538.3	3232.4	2049.3	1409.3	1008.5	834.0	762.8	730.5	711.1	724.1
27.5°	5546.8	4868.0	3316.4	1952.4	1325.3	950.3	808.1	730.5	698.2	691.7	698.2
30°	5844.2	5171.8	3290.6	1771.4	1157.2	905.1	859.8	834.0	769.3	717.6	717.6
32.5°	6115.7	5365.8	3284.1	1609.7	989.1	756.4	717.6	698.2	737.0	762.8	743.5
35°	6490.7	5669.6	3264.7	1519.2	918.0	698.2	633.6	581.8	556.0	543.0	562.4
37.5°	6891.5	5876.5	3213.0	1506.3	879.2	665.9	614.2	562.4	536.6	523.6	517.2
40°	7331.1	6096.3	3154.8	1441.7	859.8	646.5	594.8	549.5	517.2	497.8	491.3
42.5°	7615.5	6270.9	3096.6	1409.3	821.0	633.6	575.4	536.6	504.3	478.4	478.4
45°	7777.2	6477.7	3038.5	1377.0	775.8	640.0	575.4	523.6	484.9	471.9	459.0
47.5°	7848.3	6632.9	3019.1	1325.3	737.0	614.2	562.4	510.7	471.9	446.1	439.6
50°	8035.7	6962.6	3090.2	1286.5	691.7	588.3	594.8	504.3	465.5	433.1	426.7
52.5°	8145.6	7227.6	3245.3	1228.3	659.4	556.0	581.8	491.3	446.1	413.7	413.7
55°	8546.5	7667.3	3413.4	1183.1	620.6	510.7	536.6	465.5	413.7	394.4	394.4
57.5°	9057.2	8132.7	3555.6	1163.7	594.8	478.4	478.4	452.5	394.4	368.5	362.0
60°	9412.7	8514.1	3639.7	1150.7	568.9	446.1	426.7	452.5	375.0	349.1	342.6
62.5°	9451.5	8294.3	3555.6	1144.3	562.4	413.7	387.9	433.1	355.6	329.7	316.8
65°	9205.9	7848.3	3322.9	1118.4	556.0	381.4	362.0	375.0	329.7	310.3	297.4
67.5°	8714.5	7124.2	2986.7	1105.5	549.5	355.6	329.7	323.2	303.8	284.5	271.5
70°	7570.3	6180.3	2592.4	1047.3	536.6	336.2	297.4	290.9	271.5	258.6	252.1
72.5°	6354.9	5055.5	2139.8	969.7	510.7	303.8	271.5	258.6	252.1	232.7	226.3
75°	4868.0	3891.8	1713.2	859.8	446.1	271.5	239.2	226.3	219.8	206.9	200.4
77.5°	3419.9	2896.2	1267.1	698.2	375.0	245.7	213.3	200.4	193.9	174.5	174.5
80°	2320.9	2029.9	859.8	484.9	290.9	200.4	187.5	174.5	161.6	148.7	148.7
82.5°	1441.7	1422.3	620.6	316.8	213.3	161.6	148.7	148.7	129.3	116.4	116.4
85°	659.4	872.7	433.1	219.8	161.6	122.8	122.8	116.4	103.4	84.0	84.0
87.5°	206.9	290.9	226.3	97.0	90.5	71.1	71.1	64.6	64.6	51.7	51.7
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°	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7
2.5°	4079.3	4072.8	4072.8	4047.0	4111.6	4111.6	4150.4	4118.1	4137.5	4143.9	4195.7
5°	3238.9	3290.6	3329.4	3406.9	3452.2	3471.6	3471.6	3523.3	3503.9	3542.7	3620.3
7.5°	2372.6	2437.2	2553.6	2650.6	2728.1	2754.0	2747.5	2760.5	2779.9	2734.6	2747.5
10°	1920.0	1874.8	1913.6	2004.1	2075.2	2159.2	2094.6	2088.1	2107.5	2088.1	2126.9
12.5°	1603.3	1551.6	1519.2	1519.2	1570.9	1609.7	1590.3	1622.7	1693.8	1713.2	1758.4
15°	1299.4	1254.2	1228.3	1196.0	1247.7	1260.6	1280.0	1325.3	1377.0	1402.9	1454.6
17.5°	1040.8	1040.8	1040.8	1015.0	1034.4	1053.8	1060.2	1118.4	1124.9	1150.7	1170.1
20°	853.4	872.7	905.1	918.0	937.4	937.4	924.5	956.8	930.9	950.3	963.3
22.5°	769.3	795.2	808.1	814.6	840.4	846.9	814.6	821.0	827.5	808.1	814.6
25°	724.1	737.0	724.1	730.5	737.0	724.1	730.5	743.5	737.0	749.9	743.5
27.5°	704.7	691.7	685.3	678.8	678.8	665.9	672.3	672.3	685.3	691.7	691.7
30°	704.7	685.3	659.4	640.0	640.0	620.6	633.6	646.5	652.9	665.9	665.9
32.5°	724.1	685.3	640.0	620.6	601.2	588.3	601.2	620.6	646.5	652.9	659.4
35°	575.4	594.8	588.3	562.4	556.0	556.0	549.5	549.5	530.1	530.1	523.6
37.5°	517.2	510.7	523.6	530.1	536.6	517.2	517.2	491.3	484.9	491.3	491.3
40°	484.9	484.9	484.9	504.3	510.7	497.8	478.4	465.5	465.5	465.5	471.9
42.5°	471.9	459.0	452.5	465.5	484.9	471.9	452.5	446.1	446.1	452.5	452.5
45°	452.5	446.1	439.6	433.1	459.0	439.6	433.1	426.7	426.7	426.7	433.1
47.5°	433.1	426.7	413.7	413.7	420.2	413.7	407.3	407.3	407.3	420.2	420.2
50°	420.2	413.7	400.8	400.8	400.8	400.8	394.4	394.4	394.4	400.8	407.3
52.5°	400.8	394.4	387.9	381.4	381.4	381.4	381.4	381.4	381.4	387.9	394.4
55°	381.4	375.0	368.5	368.5	375.0	375.0	368.5	375.0	368.5	375.0	381.4
57.5°	362.0	355.6	349.1	355.6	362.0	355.6	355.6	355.6	355.6	355.6	362.0
60°	336.2	336.2	336.2	336.2	349.1	349.1	349.1	349.1	336.2	342.6	349.1
62.5°	323.2	316.8	316.8	323.2	329.7	329.7	336.2	329.7	323.2	329.7	329.7
65°	297.4	297.4	297.4	303.8	303.8	310.3	310.3	310.3	303.8	310.3	310.3
67.5°	278.0	278.0	278.0	278.0	290.9	290.9	290.9	290.9	284.5	284.5	290.9
70°	245.7	252.1	245.7	258.6	271.5	265.1	271.5	271.5	265.1	258.6	271.5
72.5°	226.3	226.3	226.3	226.3	245.7	245.7	245.7	252.1	245.7	239.2	245.7
75°	200.4	200.4	200.4	206.9	219.8	219.8	219.8	219.8	219.8	213.3	213.3
77.5°	174.5	181.0	174.5	181.0	193.9	187.5	193.9	200.4	193.9	187.5	187.5
80°	148.7	148.7	148.7	155.2	161.6	161.6	161.6	168.1	161.6	155.2	155.2
82.5°	116.4	116.4	122.8	122.8	129.3	129.3	129.3	135.8	129.3	122.8	122.8
85°	90.5	90.5	90.5	97.0	97.0	103.4	103.4	109.9	109.9	103.4	103.4
87.5°	58.2	51.7	58.2	58.2	64.6	64.6	58.2	51.7	58.2	51.7	45.3
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: P599059
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7	4654.7
2.5°	4247.4	4363.7	4447.8	4506.0	4590.0	4751.6	4816.3	4932.6	4965.0	4984.4
5°	3652.6	3775.4	3956.5	4085.8	4234.4	4538.3	4771.0	4945.6	5023.1	5094.3
7.5°	2863.9	3025.5	3213.0	3381.1	3626.8	4001.7	4305.6	4667.6	4803.3	4874.5
10°	2236.8	2385.5	2592.4	2799.3	3141.9	3458.7	3891.8	4221.5	4409.0	4460.7
12.5°	1887.7	2062.3	2307.9	2560.1	2773.4	3135.4	3575.0	4053.4	4228.0	4260.3
15°	1603.3	1842.5	2094.6	2353.2	2598.8	2915.6	3387.6	3969.4	4228.0	4260.3
17.5°	1325.3	1538.6	1836.0	2114.0	2398.4	2831.6	3419.9	4040.5	4299.1	4396.1
20°	1053.8	1260.6	1493.4	1842.5	2230.4	2689.4	3491.0	4279.7	4622.3	4725.8
22.5°	872.7	963.3	1189.5	1525.7	1984.7	2592.4	3562.1	4654.7	5016.7	5055.5
25°	762.8	827.5	969.7	1286.5	1790.7	2527.7	3730.2	5087.8	5553.3	5553.3
27.5°	711.1	737.0	834.0	1118.4	1655.0	2469.6	3898.3	5566.2	5999.3	6089.8
30°	698.2	762.8	814.6	995.6	1506.3	2307.9	4053.4	5941.1	6387.2	6393.7
32.5°	685.3	672.3	711.1	866.3	1325.3	2139.8	4182.7	6322.6	6671.7	6691.1
35°	536.6	562.4	627.1	762.8	1189.5	2017.0	4247.4	6529.4	7033.7	7053.1
37.5°	504.3	536.6	588.3	704.7	1099.0	1913.6	4266.8	6930.3	7415.1	7453.9
40°	491.3	517.2	556.0	652.9	1027.9	1784.3	4305.6	7344.0	7977.6	7925.8
42.5°	465.5	497.8	536.6	627.1	969.7	1687.3	4312.0	7570.3	8274.9	8274.9
45°	459.0	478.4	523.6	627.1	905.1	1603.3	4208.6	7796.5	8617.6	8514.1
47.5°	433.1	471.9	510.7	607.7	827.5	1519.2	4085.8	7912.9	8662.8	8630.5
50°	426.7	465.5	530.1	575.4	782.2	1480.4	4059.9	8203.8	8753.3	8746.9
52.5°	413.7	452.5	549.5	549.5	724.1	1428.7	4182.7	8333.1	8772.7	8824.5
55°	394.4	452.5	510.7	504.3	672.3	1364.1	4318.5	8669.3	9115.4	9102.4
57.5°	381.4	439.6	484.9	459.0	614.2	1318.8	4518.9	8992.5	9529.1	9438.6
60°	362.0	439.6	433.1	426.7	568.9	1280.0	4687.0	9057.2	9619.6	9677.8
62.5°	349.1	459.0	381.4	394.4	530.1	1260.6	4615.9	8572.3	9496.8	9548.5
65°	336.2	394.4	349.1	362.0	517.2	1221.8	4337.9	7990.5	8966.7	9192.9
67.5°	310.3	323.2	323.2	336.2	504.3	1131.3	3769.0	6943.2	8158.6	8281.4
70°	284.5	290.9	290.9	310.3	491.3	1027.9	3109.6	6005.8	7079.0	7311.7
72.5°	258.6	258.6	258.6	284.5	452.5	943.9	2560.1	4615.9	5883.0	6044.6
75°	226.3	226.3	226.3	252.1	407.3	859.8	2017.0	3432.8	4331.4	4564.1
77.5°	200.4	200.4	193.9	226.3	355.6	698.2	1454.6	2424.3	3051.4	3245.3
80°	168.1	161.6	161.6	181.0	278.0	504.3	937.4	1713.2	2126.9	2211.0
82.5°	135.8	129.3	122.8	135.8	200.4	316.8	581.8	1196.0	1364.1	1312.4
85°	129.3	135.8	109.9	103.4	142.2	206.9	368.5	737.0	614.2	614.2
87.5°	51.7	45.3	45.3	38.8	71.1	77.6	161.6	135.8	103.4	103.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)