

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: P598812

Luminaire Tested: **IFLD-L-SA7C-827-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598812
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7C-827-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (112) 2700K CCT, 80 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

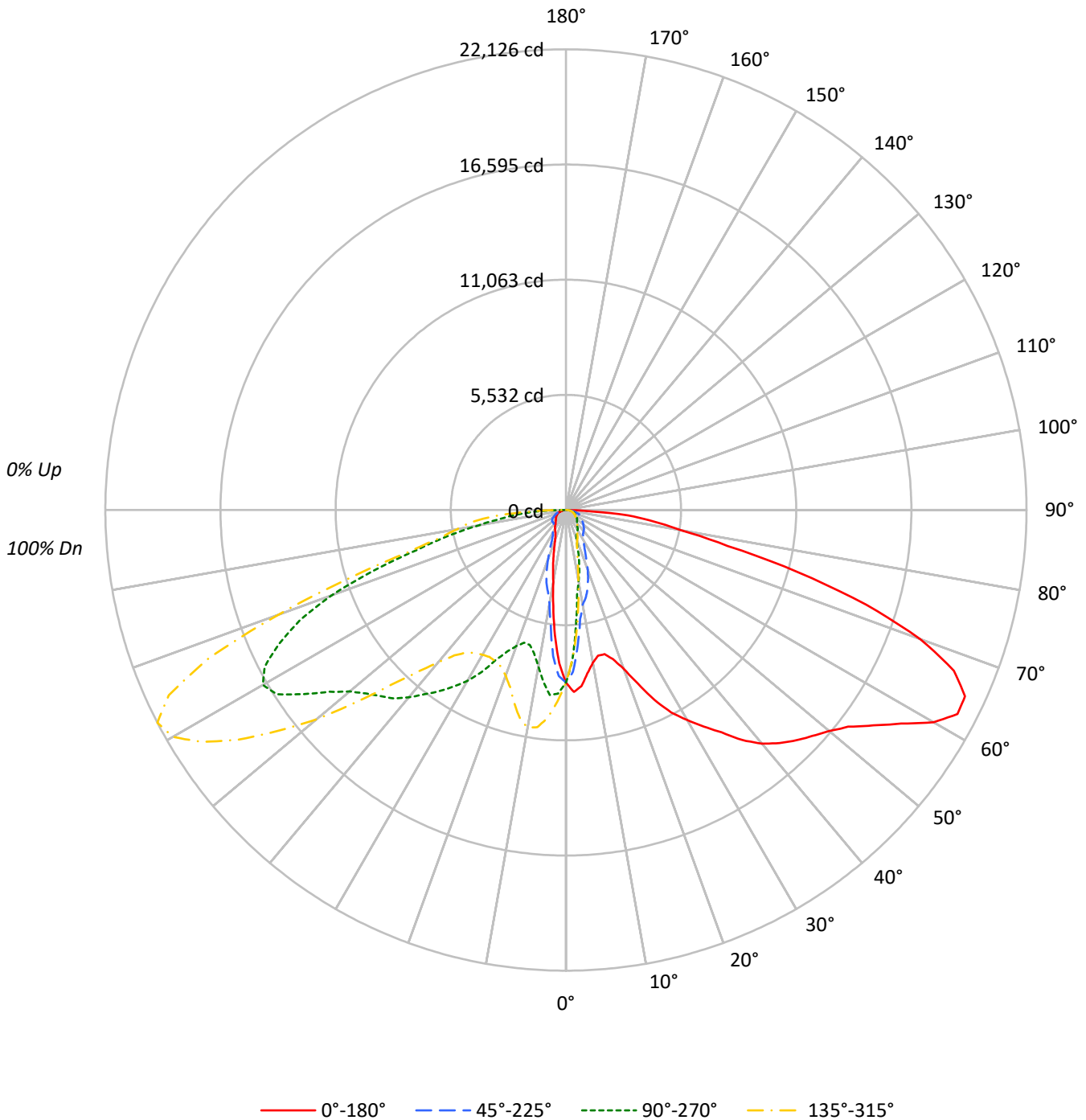
Lumens per Lamp: N/A
 Luminaire Lumens: 27718.3 lumens
 Efficiency: N/A
 Efficacy: 75.1 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 369
 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	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	102	102	100		
	1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	79	79	79	79	79	77		
	2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	61	61	61	61	61	59		
	3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	48	48	48	48	48	46		
	4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	39	39	39	39	39	36		
	5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	32	32	32	32	32	30		
	6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	27	27	27	27	27	25		
	7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	23	23	23	23	23	21		
	8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	20	20	20	20	20	18		
	9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	18	18	18	18	18	16		
	10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	16	16	16	16	16	14		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	44563	44563	44563	44563
5°	45860	29822	32578	48179
10°	40687	18949	19139	41638
15°	39932	13440	12729	37347
20°	46426	8502	8568	39785
25°	59705	7299	7093	47035
30°	72356	6919	6486	58879
35°	85639	6095	5866	69791
40°	102901	5785	5377	82452
45°	119069	5737	5208	96120
50°	138266	5826	5243	113506
55°	169204	5985	5332	144612
60°	219442	5991	5617	180871
65°	269369	6055	5760	193608
70°	285037	6387	6022	188504
75°	239937	6752	6028	153849
80°	174317	7906	6109	132984
85°	184753	11455	5014	138205

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	640.8	2.3
10°-20°	1341.1	4.8
20°-30°	1932.7	7.0
30°-40°	2782.3	10.0
40°-50°	3952.0	14.3
50°-60°	5681.9	20.5
60°-70°	6564.5	23.7
70°-80°	3716.9	13.4
80°-90°	1106.2	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°	3914.6	14.1
0°-40°	6696.9	24.2
0°-60°	16330.8	58.9
0°-90°	27718.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	27718.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8280	8280	8280	8280	8280	
5°	8489	5520	6030	8918	8489	770
15°	7167	2412	2284	6703	7167	2107
25°	10054	1229	1194	7920	10054	4667
35°	13035	928	893	10622	13035	8272
45°	15644	754	684	12629	15644	12113
55°	18033	638	568	15412	18033	16331
65°	21152	476	452	15203	21152	20283
75°	11539	325	290	7399	11539	12243
85°	2992	186	81	2238	2992	2980
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°	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0
2.5°	8743.8	8732.2	8662.7	8442.3	8210.4	7990.1	7781.3	7561.0	7445.0	7305.9	7247.9
5°	8488.7	8465.5	8268.4	7781.3	7352.2	6888.4	6494.1	6181.0	5925.9	5670.7	5578.0
7.5°	7908.9	7874.1	7642.2	6969.6	6343.3	5740.3	5264.9	4859.0	4522.7	4371.9	4198.0
10°	7445.0	7387.0	7085.5	6343.3	5531.6	4928.6	4615.4	4337.1	4047.2	3803.7	3548.6
12.5°	7155.1	7085.5	6772.4	5902.7	5114.1	4661.8	4337.1	4024.0	3664.5	3363.0	3084.7
15°	7166.7	7085.5	6702.8	5786.7	5009.7	4429.9	3977.6	3548.6	3131.1	2794.8	2481.7
17.5°	7503.0	7398.6	6992.7	5949.1	4928.6	4128.4	3525.4	2968.7	2493.3	2133.8	1878.6
20°	8106.0	8036.4	7572.6	6192.6	4847.4	3803.7	3061.5	2388.9	1890.2	1611.9	1507.6
22.5°	9010.6	8929.4	8430.7	6563.7	4824.2	3513.8	2562.8	1878.6	1519.2	1403.2	1345.2
25°	10054.2	9903.5	9439.6	7189.9	4870.6	3247.0	2157.0	1553.9	1356.8	1275.6	1240.8
27.5°	10958.8	10866.0	10344.2	7781.3	4893.8	3038.3	1878.6	1414.8	1264.0	1194.4	1171.3
30°	11643.0	11608.2	11097.9	8430.7	4835.8	2783.2	1704.7	1356.8	1264.0	1194.4	1124.9
32.5°	12327.2	12338.8	11793.7	8929.4	4754.6	2562.8	1542.3	1206.0	1113.3	1066.9	1078.5
35°	13034.6	13092.6	12628.7	9416.4	4580.7	2481.7	1426.4	1124.9	1043.7	974.1	939.3
37.5°	13927.5	14078.3	13626.0	9961.5	4406.7	2412.1	1368.4	1066.9	985.7	927.7	881.3
40°	14646.5	14924.8	14658.1	10471.7	4290.7	2330.9	1322.0	1008.9	950.9	881.3	846.6
42.5°	15179.9	15504.7	15411.9	10866.0	4290.7	2249.7	1275.6	974.1	927.7	846.6	800.2
45°	15643.8	15980.1	15968.5	11271.9	4383.5	2203.4	1217.6	974.1	904.5	823.4	777.0
47.5°	16061.3	16397.6	16513.6	11782.1	4534.3	2180.2	1148.1	950.9	904.5	811.8	742.2
50°	16513.6	16884.6	17232.5	12593.9	4719.8	2122.2	1101.7	916.1	916.1	800.2	719.0
52.5°	17093.4	17510.9	18148.7	13602.8	4905.4	2017.8	1032.1	892.9	916.1	788.6	695.8
55°	18032.7	18380.6	19215.6	14808.9	5137.3	1890.2	974.1	835.0	869.7	753.8	661.0
57.5°	19088.0	19389.5	20085.3	15736.6	5206.9	1727.9	892.9	777.0	835.0	719.0	614.6
60°	20386.8	20537.6	20537.6	16003.3	4974.9	1577.1	835.0	730.6	753.8	684.2	579.8
62.5°	21210.2	21210.2	20537.6	15516.2	4534.3	1449.6	788.6	684.2	661.0	637.8	545.0
65°	21152.2	21059.4	20062.1	14101.5	4024.0	1368.4	742.2	626.2	591.4	579.8	510.3
67.5°	20178.1	20015.7	18658.9	12106.8	3490.6	1333.6	695.8	568.2	545.0	521.8	463.9
70°	18113.9	17696.4	16026.5	9741.1	2968.7	1310.4	684.2	521.8	498.7	475.5	429.1
72.5°	15122.0	14588.5	12512.7	7491.4	2493.3	1229.2	649.4	463.9	452.3	429.1	382.7
75°	11538.6	10552.9	8732.2	5728.7	1936.6	1066.9	556.6	405.9	405.9	394.3	347.9
77.5°	7955.3	7445.0	6088.2	4232.8	1414.8	823.4	452.3	359.5	359.5	371.1	324.7
80°	5624.3	5148.9	4337.1	3038.3	892.9	556.6	347.9	301.5	336.3	359.5	301.5
82.5°	4302.3	3954.4	3223.9	2215.0	521.8	382.7	266.7	243.5	289.9	313.1	255.1
85°	2991.9	2574.4	1635.1	1484.4	301.5	231.9	197.1	197.1	255.1	313.1	231.9
87.5°	846.6	359.5	104.4	440.7	127.6	92.8	69.6	46.4	69.6	69.6	46.4
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°	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0
2.5°	7189.9	7120.3	7120.3	7097.1	7108.7	7120.3	7108.7	7189.9	7224.7	7271.1	7363.8
5°	5520.0	5612.8	5543.2	5612.8	5705.5	5844.7	5879.5	5983.8	5995.4	6076.6	6030.2
7.5°	4093.6	4082.0	4024.0	4105.2	4360.3	4557.5	4650.2	4708.2	4719.8	4719.8	4661.8
10°	3467.4	3363.0	3258.6	3200.7	3223.9	3432.6	3502.2	3537.0	3513.8	3548.6	3502.2
12.5°	2968.7	2876.0	2725.2	2620.8	2551.3	2609.2	2678.8	2713.6	2736.8	2794.8	2841.2
15°	2412.1	2319.3	2226.5	2168.6	2110.6	2064.2	2122.2	2157.0	2215.0	2261.3	2284.5
17.5°	1832.3	1785.9	1739.5	1774.3	1774.3	1751.1	1774.3	1785.9	1809.1	1843.9	1832.3
20°	1484.4	1472.8	1461.2	1519.2	1565.5	1565.5	1588.7	1553.9	1542.3	1507.6	1496.0
22.5°	1322.0	1322.0	1333.6	1380.0	1426.4	1449.6	1449.6	1391.6	1333.6	1310.4	1322.0
25°	1229.2	1229.2	1264.0	1275.6	1298.8	1298.8	1310.4	1252.4	1217.6	1182.9	1194.4
27.5°	1159.7	1159.7	1171.3	1171.3	1182.9	1182.9	1194.4	1171.3	1124.9	1113.3	1113.3
30°	1113.3	1113.3	1101.7	1101.7	1101.7	1101.7	1113.3	1078.5	1055.3	1043.7	1043.7
32.5°	1066.9	1055.3	1043.7	1043.7	1032.1	1032.1	1043.7	1008.9	997.3	997.3	997.3
35°	927.7	916.1	927.7	950.9	950.9	962.5	962.5	950.9	927.7	904.5	892.9
37.5°	869.7	858.1	858.1	858.1	881.3	892.9	904.5	881.3	846.6	811.8	811.8
40°	823.4	823.4	811.8	811.8	811.8	835.0	858.1	823.4	777.0	765.4	765.4
42.5°	788.6	777.0	765.4	753.8	742.2	777.0	800.2	753.8	730.6	730.6	730.6
45°	753.8	742.2	730.6	719.0	707.4	719.0	742.2	695.8	684.2	684.2	684.2
47.5°	719.0	707.4	684.2	672.6	661.0	661.0	684.2	649.4	637.8	649.4	649.4
50°	695.8	672.6	649.4	637.8	626.2	626.2	626.2	614.6	614.6	614.6	626.2
52.5°	672.6	649.4	614.6	603.0	591.4	591.4	591.4	591.4	579.8	591.4	603.0
55°	637.8	614.6	591.4	579.8	568.2	556.6	568.2	556.6	556.6	568.2	568.2
57.5°	591.4	568.2	545.0	545.0	533.4	533.4	545.0	533.4	533.4	545.0	545.0
60°	556.6	533.4	510.3	510.3	498.7	510.3	521.8	510.3	510.3	510.3	521.8
62.5°	510.3	498.7	475.5	475.5	475.5	475.5	487.1	475.5	487.1	487.1	487.1
65°	475.5	452.3	440.7	440.7	440.7	440.7	463.9	440.7	452.3	452.3	452.3
67.5°	440.7	417.5	405.9	405.9	405.9	405.9	429.1	405.9	417.5	429.1	417.5
70°	405.9	382.7	371.1	371.1	371.1	371.1	382.7	371.1	371.1	382.7	382.7
72.5°	359.5	347.9	336.3	336.3	324.7	336.3	347.9	336.3	336.3	336.3	336.3
75°	324.7	313.1	313.1	301.5	301.5	301.5	313.1	289.9	289.9	289.9	289.9
77.5°	301.5	278.3	278.3	278.3	266.7	278.3	266.7	243.5	243.5	243.5	243.5
80°	255.1	231.9	243.5	243.5	231.9	231.9	220.3	197.1	197.1	197.1	197.1
82.5°	208.7	185.5	197.1	197.1	197.1	197.1	173.9	162.4	150.8	139.2	139.2
85°	185.5	150.8	173.9	173.9	162.4	162.4	116.0	116.0	92.8	92.8	81.2
87.5°	34.8	23.2	46.4	58.0	58.0	69.6	46.4	58.0	34.8	23.2	23.2
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°	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0
2.5°	7352.2	7479.8	7653.8	7781.3	7978.5	8129.2	8361.1	8558.3	8743.8	8825.0	8906.2
5°	6169.4	6250.6	6517.3	6726.0	7039.1	7375.4	7792.9	8245.2	8709.0	8917.8	9161.3
7.5°	4615.4	4766.2	4917.0	5218.5	5601.2	6146.2	6679.6	7352.2	8001.7	8314.8	8732.2
10°	3583.3	3699.3	3873.3	4186.4	4545.9	4998.1	5635.9	6436.1	7213.1	7619.0	8048.0
12.5°	2876.0	3038.3	3270.2	3594.9	4012.4	4476.3	4940.2	5682.3	6586.9	7050.7	7537.8
15°	2330.9	2458.5	2713.6	3119.5	3606.5	4082.0	4569.1	5183.7	6169.4	6702.8	7282.7
17.5°	1855.5	1948.2	2180.2	2586.0	3073.1	3606.5	4163.2	4940.2	6030.2	6679.6	7363.8
20°	1507.6	1577.1	1727.9	2029.4	2493.3	3073.1	3768.9	4708.2	6111.4	6946.4	7781.3
22.5°	1322.0	1345.2	1414.8	1577.1	1959.8	2574.4	3409.4	4511.1	6262.2	7340.6	8465.5
25°	1194.4	1217.6	1240.8	1345.2	1565.5	2145.4	3096.3	4395.1	6586.9	7920.5	9254.1
27.5°	1113.3	1136.5	1148.1	1194.4	1345.2	1832.3	2829.6	4325.5	7027.5	8767.0	10228.2
30°	1043.7	1043.7	1078.5	1148.1	1252.4	1611.9	2597.6	4163.2	7491.4	9474.4	10993.6
32.5°	985.7	997.3	1043.7	1078.5	1148.1	1426.4	2365.7	3954.4	7908.9	10054.2	11747.4
35°	881.3	881.3	892.9	950.9	1043.7	1275.6	2157.0	3745.7	8140.8	10622.5	12420.0
37.5°	811.8	823.4	846.6	892.9	974.1	1171.3	1983.0	3513.8	8384.3	11155.9	13208.5
40°	765.4	777.0	800.2	846.6	927.7	1078.5	1832.3	3328.2	8639.5	11735.8	14055.1
42.5°	730.6	742.2	765.4	811.8	881.3	1055.3	1669.9	3177.5	8790.2	12269.2	14855.2
45°	695.8	707.4	742.2	788.6	846.6	1032.1	1577.1	3073.1	8848.2	12628.7	15493.1
47.5°	661.0	672.6	707.4	777.0	846.6	997.3	1542.3	3015.1	8894.6	13034.6	16003.3
50°	626.2	649.4	695.8	765.4	858.1	950.9	1519.2	3003.5	9161.3	13556.4	16490.4
52.5°	603.0	637.8	684.2	765.4	846.6	881.3	1507.6	3038.3	9694.8	14333.4	17186.2
55°	579.8	614.6	661.0	765.4	811.8	823.4	1449.6	3096.3	10506.5	15411.9	18171.9
57.5°	556.6	579.8	637.8	742.2	765.4	777.0	1333.6	3177.5	11318.3	16467.2	19180.8
60°	521.8	545.0	603.0	742.2	695.8	730.6	1182.9	3200.7	11898.1	16803.5	19273.5
62.5°	487.1	510.3	568.2	765.4	637.8	684.2	1055.3	3119.5	12014.1	16316.4	18751.7
65°	452.3	475.5	521.8	637.8	591.4	637.8	974.1	2899.1	11631.4	15203.1	17800.8
67.5°	417.5	440.7	475.5	521.8	533.4	579.8	939.3	2551.3	10668.9	13823.1	16502.0
70°	371.1	394.3	429.1	463.9	475.5	545.0	881.3	2215.0	9114.9	11979.3	14913.2
72.5°	336.3	347.9	382.7	405.9	429.1	498.7	846.6	1936.6	6969.6	9694.8	12164.8
75°	289.9	289.9	324.7	347.9	371.1	440.7	777.0	1611.9	4917.0	7398.6	8941.0
77.5°	243.5	243.5	266.7	289.9	313.1	382.7	661.0	1310.4	3409.4	5867.9	6482.5
80°	185.5	185.5	208.7	231.9	255.1	324.7	533.4	962.5	2110.6	4290.7	4719.8
82.5°	127.6	127.6	162.4	173.9	185.5	255.1	405.9	661.0	1240.8	3096.3	3374.6
85°	69.6	69.6	92.8	104.4	127.6	185.5	301.5	463.9	742.2	2238.1	2249.7
87.5°	11.6	11.6	34.8	34.8	58.0	92.8	173.9	255.1	417.5	1240.8	788.6
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: P598812
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0	8280.0
2.5°	9056.9	9184.5	9196.1	9196.1	9138.1	9149.7	8987.4	8813.4	8755.4	8743.8
5°	9532.4	9868.7	9961.5	10007.9	9857.1	9625.2	9207.7	8755.4	8523.5	8488.7
7.5°	9439.6	10112.2	10471.7	10518.1	10216.6	9671.6	8941.0	8245.2	7978.5	7908.9
10°	8894.6	9799.1	10448.5	10610.9	10286.2	9590.4	8639.5	7827.7	7503.0	7445.0
12.5°	8511.9	9381.6	10019.5	10239.8	10089.0	9486.0	8488.7	7561.0	7236.3	7155.1
15°	8303.2	9103.3	9520.8	9590.4	9578.8	9323.7	8488.7	7619.0	7259.5	7166.7
17.5°	8477.1	9022.2	9080.1	8917.8	9010.6	9138.1	8674.3	7932.1	7584.2	7503.0
20°	8825.0	8987.4	8709.0	8465.5	8511.9	8917.8	8964.2	8523.5	8245.2	8106.0
22.5°	9555.6	9114.9	8477.1	8140.8	8175.6	8743.8	9346.9	9323.7	9080.1	9010.6
25°	10297.8	9474.4	8407.5	8013.2	8059.6	8709.0	9799.1	10216.6	10089.0	10054.2
27.5°	11121.1	10077.4	8453.9	7955.3	8013.2	8755.4	10112.2	10970.4	10993.6	10958.8
30°	11677.8	10367.4	8593.1	8024.8	8106.0	8871.4	10181.8	11422.6	11631.4	11643.0
32.5°	12141.6	10657.3	8883.0	8140.8	8280.0	9080.1	10367.4	11851.7	12315.6	12327.2
35°	12512.7	10982.0	9242.5	8349.5	8558.3	9428.0	10610.9	12257.6	12953.4	13034.6
37.5°	12988.2	11341.5	9660.0	8801.8	9033.7	9926.7	11040.0	12733.1	13707.2	13927.5
40°	13498.4	11701.0	10263.0	9532.4	9868.7	10668.9	11527.0	13266.5	14345.0	14646.5
42.5°	14066.7	12083.7	10947.2	10518.1	11028.4	11608.2	12083.7	13753.6	14832.0	15179.9
45°	14623.3	12547.5	11944.5	11863.3	12431.6	12721.5	12628.7	14101.5	15295.9	15643.8
47.5°	15017.6	13220.1	13150.5	13637.6	14171.0	14020.3	13266.5	14356.6	15678.6	16061.3
50°	15377.1	14055.1	14669.7	15620.6	15945.3	15435.1	13950.7	14704.5	16084.5	16513.6
52.5°	15910.5	14948.0	16235.2	17418.1	17731.2	16919.4	14692.9	15272.7	16710.7	17093.4
55°	17000.6	15956.9	17870.4	19227.2	19285.1	18276.2	15690.2	16235.2	17592.0	18032.7
57.5°	18218.3	17197.8	19169.2	20723.1	20699.9	19633.0	16815.1	17534.1	18786.5	19088.0
60°	19319.9	18450.2	20584.0	21790.0	21732.0	20618.7	18125.5	19006.8	20154.9	20386.8
62.5°	19969.3	19586.7	21210.2	22126.3	21906.0	20943.5	19238.8	20317.2	21129.0	21210.2
65°	19865.0	20236.1	20479.6	21047.8	20734.7	20038.9	19783.8	21152.2	21233.4	21152.2
67.5°	19076.4	19865.0	18473.4	18531.4	18369.0	17777.6	18937.2	20931.9	20375.2	20178.1
70°	17882.0	17939.9	15446.7	14716.1	14971.2	14159.4	16246.8	19215.6	18357.4	18113.9
72.5°	15898.9	15179.9	11677.8	10935.6	11318.3	10738.4	13034.6	16745.5	15910.5	15122.0
75°	13336.1	12025.7	8894.6	7839.3	8036.4	8013.2	10100.6	13834.7	12327.2	11538.6
77.5°	10332.6	9370.1	6563.7	6157.8	5949.1	5995.4	7050.7	10286.2	8941.0	7955.3
80°	7549.4	6552.1	5079.3	5311.2	5195.3	4917.0	4940.2	6888.4	6215.8	5624.3
82.5°	5218.5	4661.8	4116.8	4650.2	4371.9	3942.8	3850.1	4963.3	4661.8	4302.3
85°	3502.2	3838.5	3270.2	3560.2	3084.7	2841.2	3618.1	4151.6	3351.4	2991.9
87.5°	2284.5	3513.8	2354.1	1785.9	1020.5	1368.4	2215.0	2725.2	1565.5	846.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)