

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: P598678

Luminaire Tested: **IFLD-S-SA2E-735-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598678
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2E-735-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (32) 3500K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

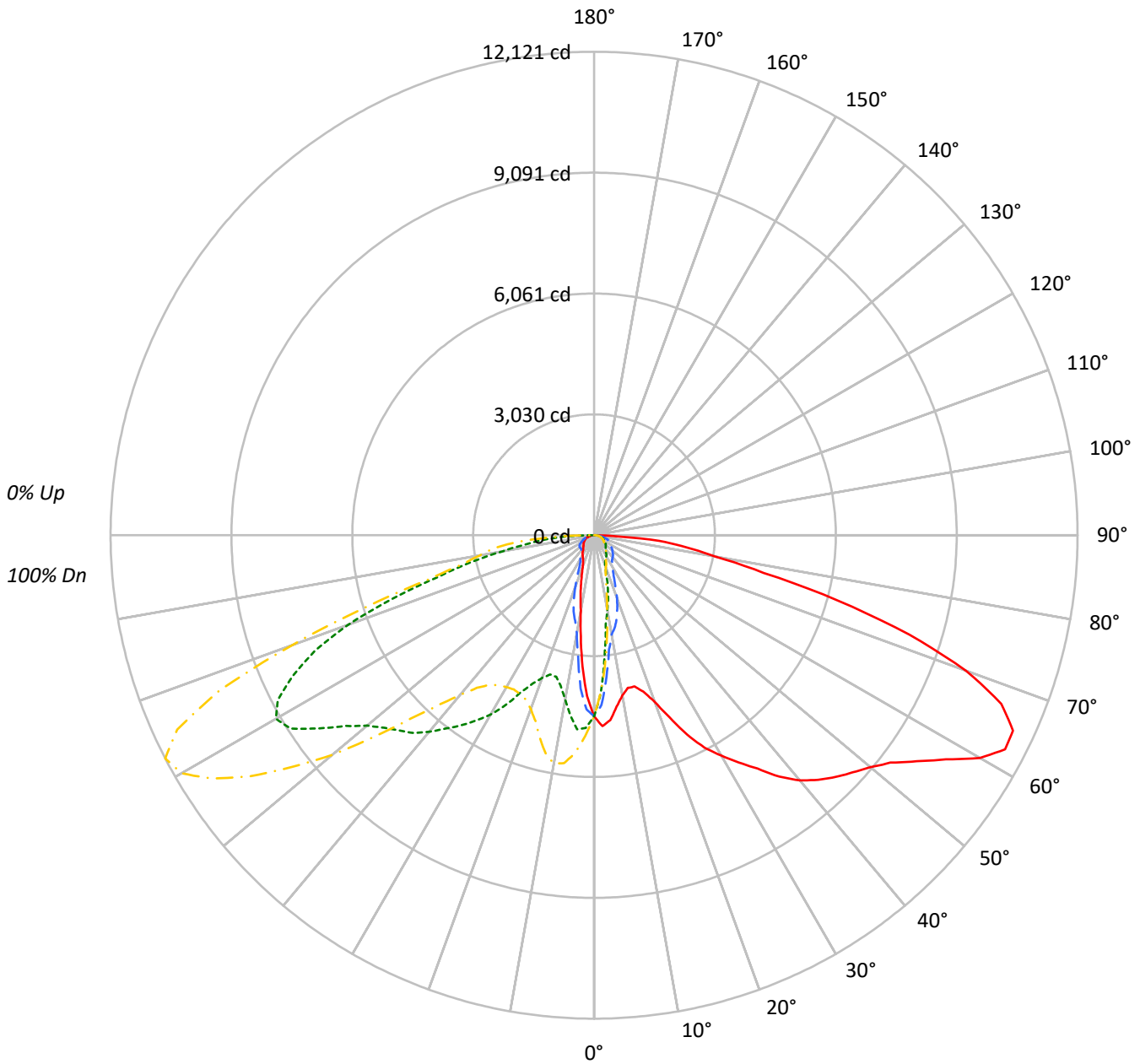
Lumens per Lamp: N/A
 Luminaire Lumens: 15184.0 lumens
 Efficiency: N/A
 Efficacy: 97.2 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 156.2
 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



— 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°	97644	97644	97644	97644
5°	100489	65345	71385	105567
10°	89154	41521	41938	91235
15°	87498	29448	27892	81834
20°	101729	18628	18774	87175
25°	130826	15995	15542	103061
30°	158546	15159	14211	129017
35°	187652	13356	12854	152927
40°	225475	12674	11783	180666
45°	260901	12571	11411	210618
50°	302966	12767	11488	248714
55°	370759	13114	11684	316873
60°	480837	13128	12310	396323
65°	590237	13270	12623	424232
70°	624566	13992	13193	413046
75°	525746	14797	13209	337109
80°	381963	17332	13389	291400
85°	404840	25096	10992	302827

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	351.0	2.3
10°-20°	734.7	4.8
20°-30°	1058.7	7.0
30°-40°	1524.1	10.0
40°-50°	2164.9	14.3
50°-60°	3112.5	20.5
60°-70°	3596.0	23.7
70°-80°	2036.1	13.4
80°-90°	606.0	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°	2144.4	14.1
0°-40°	3668.5	24.2
0°-60°	8945.9	58.9
0°-90°	15184.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15184.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4536	4536	4536	4536	4536	
5°	4650	3024	3303	4885	4650	422
15°	3926	1321	1252	3672	3926	1154
25°	5508	673	654	4339	5508	2556
35°	7140	508	489	5819	7140	4532
45°	8570	413	375	6918	8570	6636
55°	9878	349	311	8443	9878	8946
65°	11587	260	248	8328	11587	11111
75°	6321	178	159	4053	6321	6707
85°	1639	102	44	1226	1639	1632
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°	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7
2.5°	4789.8	4783.5	4745.4	4624.7	4497.6	4376.9	4262.6	4141.9	4078.4	4002.1	3970.4
5°	4650.1	4637.4	4529.4	4262.6	4027.5	3773.4	3557.4	3385.9	3246.2	3106.4	3055.6
7.5°	4332.5	4313.4	4186.4	3817.9	3474.9	3144.5	2884.1	2661.7	2477.5	2394.9	2299.6
10°	4078.4	4046.6	3881.4	3474.9	3030.2	2699.8	2528.3	2375.9	2217.1	2083.6	1943.9
12.5°	3919.5	3881.4	3709.9	3233.5	2801.5	2553.7	2375.9	2204.3	2007.4	1842.2	1689.8
15°	3925.9	3881.4	3671.8	3169.9	2744.3	2426.7	2178.9	1943.9	1715.2	1531.0	1359.5
17.5°	4110.1	4052.9	3830.6	3258.9	2699.8	2261.5	1931.2	1626.3	1365.8	1168.9	1029.1
20°	4440.5	4402.3	4148.2	3392.3	2655.4	2083.6	1677.1	1308.6	1035.5	883.0	825.8
22.5°	4936.0	4891.5	4618.3	3595.6	2642.7	1924.8	1403.9	1029.1	832.2	768.7	736.9
25°	5507.7	5425.1	5171.0	3938.6	2668.1	1778.7	1181.6	851.2	743.3	698.8	679.7
27.5°	6003.2	5952.4	5666.5	4262.6	2680.8	1664.4	1029.1	775.0	692.4	654.3	641.6
30°	6378.0	6358.9	6079.4	4618.3	2649.0	1524.6	933.8	743.3	692.4	654.3	616.2
32.5°	6752.8	6759.1	6460.6	4891.5	2604.6	1403.9	844.9	660.7	609.8	584.4	590.8
35°	7140.3	7172.1	6918.0	5158.3	2509.3	1359.5	781.4	616.2	571.7	533.6	514.6
37.5°	7629.5	7712.0	7464.3	5456.9	2414.0	1321.3	749.6	584.4	540.0	508.2	482.8
40°	8023.3	8175.8	8029.7	5736.4	2350.5	1276.9	724.2	552.7	520.9	482.8	463.7
42.5°	8315.5	8493.4	8442.6	5952.4	2350.5	1232.4	698.8	533.6	508.2	463.7	438.3
45°	8569.6	8753.9	8747.5	6174.7	2401.3	1207.0	667.0	533.6	495.5	451.0	425.6
47.5°	8798.3	8982.6	9046.1	6454.2	2483.9	1194.3	628.9	520.9	495.5	444.7	406.6
50°	9046.1	9249.4	9439.9	6898.9	2585.5	1162.5	603.5	501.9	501.9	438.3	393.9
52.5°	9363.7	9592.4	9941.8	7451.6	2687.1	1105.3	565.4	489.1	501.9	432.0	381.2
55°	9878.3	10068.8	10526.2	8112.3	2814.2	1035.5	533.6	457.4	476.4	412.9	362.1
57.5°	10456.4	10621.5	11002.7	8620.5	2852.3	946.5	489.1	425.6	457.4	393.9	336.7
60°	11167.8	11250.4	11250.4	8766.6	2725.3	864.0	457.4	400.2	412.9	374.8	317.6
62.5°	11618.9	11618.9	11250.4	8499.8	2483.9	794.1	432.0	374.8	362.1	349.4	298.6
65°	11587.1	11536.3	10990.0	7724.7	2204.3	749.6	406.6	343.0	324.0	317.6	279.5
67.5°	11053.5	10964.6	10221.3	6632.1	1912.1	730.5	381.2	311.3	298.6	285.9	254.1
70°	9922.7	9694.0	8779.3	5336.2	1626.3	717.8	374.8	285.9	273.2	260.5	235.0
72.5°	8283.8	7991.6	6854.4	4103.8	1365.8	673.4	355.7	254.1	247.8	235.0	209.6
75°	6320.8	5780.9	4783.5	3138.2	1060.9	584.4	304.9	222.3	222.3	216.0	190.6
77.5°	4357.9	4078.4	3335.1	2318.7	775.0	451.0	247.8	196.9	196.9	203.3	177.9
80°	3081.0	2820.5	2375.9	1664.4	489.1	304.9	190.6	165.2	184.2	196.9	165.2
82.5°	2356.8	2166.2	1766.0	1213.3	285.9	209.6	146.1	133.4	158.8	171.5	139.8
85°	1639.0	1410.3	895.7	813.1	165.2	127.1	108.0	108.0	139.8	171.5	127.1
87.5°	463.7	196.9	57.2	241.4	69.9	50.8	38.1	25.4	38.1	38.1	25.4
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°	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7
2.5°	3938.6	3900.5	3900.5	3887.8	3894.1	3900.5	3894.1	3938.6	3957.7	3983.1	4033.9
5°	3023.8	3074.7	3036.5	3074.7	3125.5	3201.7	3220.8	3277.9	3284.3	3328.8	3303.3
7.5°	2242.5	2236.1	2204.3	2248.8	2388.6	2496.6	2547.4	2579.1	2585.5	2585.5	2553.7
10°	1899.4	1842.2	1785.1	1753.3	1766.0	1880.4	1918.5	1937.5	1924.8	1943.9	1918.5
12.5°	1626.3	1575.4	1492.9	1435.7	1397.6	1429.3	1467.4	1486.5	1499.2	1531.0	1556.4
15°	1321.3	1270.5	1219.7	1187.9	1156.2	1130.8	1162.5	1181.6	1213.3	1238.8	1251.5
17.5°	1003.7	978.3	952.9	971.9	971.9	959.2	971.9	978.3	991.0	1010.1	1003.7
20°	813.1	806.8	800.4	832.2	857.6	857.6	870.3	851.2	844.9	825.8	819.5
22.5°	724.2	724.2	730.5	756.0	781.4	794.1	794.1	762.3	730.5	717.8	724.2
25°	673.4	673.4	692.4	698.8	711.5	711.5	717.8	686.1	667.0	648.0	654.3
27.5°	635.3	635.3	641.6	641.6	648.0	648.0	654.3	641.6	616.2	609.8	609.8
30°	609.8	609.8	603.5	603.5	603.5	603.5	609.8	590.8	578.1	571.7	571.7
32.5°	584.4	578.1	571.7	571.7	565.4	565.4	571.7	552.7	546.3	546.3	546.3
35°	508.2	501.9	508.2	520.9	520.9	527.3	527.3	520.9	508.2	495.5	489.1
37.5°	476.4	470.1	470.1	470.1	482.8	489.1	495.5	482.8	463.7	444.7	444.7
40°	451.0	451.0	444.7	444.7	444.7	457.4	470.1	451.0	425.6	419.3	419.3
42.5°	432.0	425.6	419.3	412.9	406.6	425.6	438.3	412.9	400.2	400.2	400.2
45°	412.9	406.6	400.2	393.9	387.5	393.9	406.6	381.2	374.8	374.8	374.8
47.5°	393.9	387.5	374.8	368.4	362.1	362.1	374.8	355.7	349.4	355.7	355.7
50°	381.2	368.4	355.7	349.4	343.0	343.0	343.0	336.7	336.7	336.7	343.0
52.5°	368.4	355.7	336.7	330.3	324.0	324.0	324.0	324.0	317.6	324.0	330.3
55°	349.4	336.7	324.0	317.6	311.3	304.9	311.3	304.9	304.9	311.3	311.3
57.5°	324.0	311.3	298.6	298.6	292.2	292.2	298.6	292.2	292.2	298.6	298.6
60°	304.9	292.2	279.5	279.5	273.2	279.5	285.9	279.5	279.5	279.5	285.9
62.5°	279.5	273.2	260.5	260.5	260.5	260.5	266.8	260.5	266.8	266.8	266.8
65°	260.5	247.8	241.4	241.4	241.4	241.4	254.1	241.4	247.8	247.8	247.8
67.5°	241.4	228.7	222.3	222.3	222.3	222.3	235.0	222.3	228.7	235.0	228.7
70°	222.3	209.6	203.3	203.3	203.3	203.3	209.6	203.3	203.3	209.6	209.6
72.5°	196.9	190.6	184.2	184.2	177.9	184.2	190.6	184.2	184.2	184.2	184.2
75°	177.9	171.5	171.5	165.2	165.2	165.2	171.5	158.8	158.8	158.8	158.8
77.5°	165.2	152.5	152.5	152.5	146.1	152.5	146.1	133.4	133.4	133.4	133.4
80°	139.8	127.1	133.4	133.4	127.1	127.1	120.7	108.0	108.0	108.0	108.0
82.5°	114.3	101.6	108.0	108.0	108.0	108.0	95.3	88.9	82.6	76.2	76.2
85°	101.6	82.6	95.3	95.3	88.9	88.9	63.5	63.5	50.8	50.8	44.5
87.5°	19.1	12.7	25.4	31.8	31.8	38.1	25.4	31.8	19.1	12.7	12.7
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°	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7
2.5°	4027.5	4097.4	4192.7	4262.6	4370.6	4453.2	4580.2	4688.2	4789.8	4834.3	4878.8
5°	3379.6	3424.0	3570.2	3684.5	3856.0	4040.2	4268.9	4516.7	4770.8	4885.1	5018.5
7.5°	2528.3	2610.9	2693.5	2858.7	3068.3	3366.9	3659.1	4027.5	4383.3	4554.8	4783.5
10°	1962.9	2026.5	2121.8	2293.3	2490.2	2738.0	3087.4	3525.7	3951.3	4173.6	4408.7
12.5°	1575.4	1664.4	1791.4	1969.3	2198.0	2452.1	2706.2	3112.8	3608.3	3862.4	4129.2
15°	1276.9	1346.7	1486.5	1708.8	1975.7	2236.1	2502.9	2839.6	3379.6	3671.8	3989.4
17.5°	1016.4	1067.2	1194.3	1416.6	1683.4	1975.7	2280.6	2706.2	3303.3	3659.1	4033.9
20°	825.8	864.0	946.5	1111.7	1365.8	1683.4	2064.6	2579.1	3347.8	3805.2	4262.6
22.5°	724.2	736.9	775.0	864.0	1073.6	1410.3	1867.7	2471.2	3430.4	4021.2	4637.4
25°	654.3	667.0	679.7	736.9	857.6	1175.2	1696.1	2407.6	3608.3	4338.8	5069.4
27.5°	609.8	622.6	628.9	654.3	736.9	1003.7	1550.0	2369.5	3849.7	4802.6	5603.0
30°	571.7	571.7	590.8	628.9	686.1	883.0	1423.0	2280.6	4103.8	5190.1	6022.2
32.5°	540.0	546.3	571.7	590.8	628.9	781.4	1295.9	2166.2	4332.5	5507.7	6435.2
35°	482.8	482.8	489.1	520.9	571.7	698.8	1181.6	2051.9	4459.5	5819.0	6803.6
37.5°	444.7	451.0	463.7	489.1	533.6	641.6	1086.3	1924.8	4592.9	6111.2	7235.6
40°	419.3	425.6	438.3	463.7	508.2	590.8	1003.7	1823.2	4732.7	6428.8	7699.3
42.5°	400.2	406.6	419.3	444.7	482.8	578.1	914.8	1740.6	4815.3	6721.0	8137.7
45°	381.2	387.5	406.6	432.0	463.7	565.4	864.0	1683.4	4847.0	6918.0	8487.1
47.5°	362.1	368.4	387.5	425.6	463.7	546.3	844.9	1651.7	4872.4	7140.3	8766.6
50°	343.0	355.7	381.2	419.3	470.1	520.9	832.2	1645.3	5018.5	7426.2	9033.4
52.5°	330.3	349.4	374.8	419.3	463.7	482.8	825.8	1664.4	5310.8	7851.8	9414.5
55°	317.6	336.7	362.1	419.3	444.7	451.0	794.1	1696.1	5755.4	8442.6	9954.5
57.5°	304.9	317.6	349.4	406.6	419.3	425.6	730.5	1740.6	6200.1	9020.7	10507.2
60°	285.9	298.6	330.3	406.6	381.2	400.2	648.0	1753.3	6517.8	9204.9	10558.0
62.5°	266.8	279.5	311.3	419.3	349.4	374.8	578.1	1708.8	6581.3	8938.1	10272.1
65°	247.8	260.5	285.9	349.4	324.0	349.4	533.6	1588.1	6371.6	8328.2	9751.2
67.5°	228.7	241.4	260.5	285.9	292.2	317.6	514.6	1397.6	5844.4	7572.3	9039.7
70°	203.3	216.0	235.0	254.1	260.5	298.6	482.8	1213.3	4993.1	6562.2	8169.4
72.5°	184.2	190.6	209.6	222.3	235.0	273.2	463.7	1060.9	3817.9	5310.8	6663.9
75°	158.8	158.8	177.9	190.6	203.3	241.4	425.6	883.0	2693.5	4052.9	4897.8
77.5°	133.4	133.4	146.1	158.8	171.5	209.6	362.1	717.8	1867.7	3214.4	3551.1
80°	101.6	101.6	114.3	127.1	139.8	177.9	292.2	527.3	1156.2	2350.5	2585.5
82.5°	69.9	69.9	88.9	95.3	101.6	139.8	222.3	362.1	679.7	1696.1	1848.6
85°	38.1	38.1	50.8	57.2	69.9	101.6	165.2	254.1	406.6	1226.0	1232.4
87.5°	6.4	6.4	19.1	19.1	31.8	50.8	95.3	139.8	228.7	679.7	432.0
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: P598678
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7	4535.7
2.5°	4961.4	5031.2	5037.6	5037.6	5005.8	5012.2	4923.3	4828.0	4796.2	4789.8
5°	5221.8	5406.0	5456.9	5482.3	5399.7	5272.6	5044.0	4796.2	4669.1	4650.1
7.5°	5171.0	5539.5	5736.4	5761.8	5596.6	5298.1	4897.8	4516.7	4370.6	4332.5
10°	4872.4	5367.9	5723.7	5812.6	5634.7	5253.6	4732.7	4288.0	4110.1	4078.4
12.5°	4662.8	5139.2	5488.6	5609.3	5526.7	5196.4	4650.1	4141.9	3964.0	3919.5
15°	4548.5	4986.8	5215.5	5253.6	5247.2	5107.5	4650.1	4173.6	3976.7	3925.9
17.5°	4643.7	4942.3	4974.1	4885.1	4936.0	5005.8	4751.7	4345.2	4154.6	4110.1
20°	4834.3	4923.3	4770.8	4637.4	4662.8	4885.1	4910.5	4669.1	4516.7	4440.5
22.5°	5234.5	4993.1	4643.7	4459.5	4478.6	4789.8	5120.2	5107.5	4974.1	4936.0
25°	5641.1	5190.1	4605.6	4389.6	4415.0	4770.8	5367.9	5596.6	5526.7	5507.7
27.5°	6092.1	5520.4	4631.0	4357.9	4389.6	4796.2	5539.5	6009.5	6022.2	6003.2
30°	6397.1	5679.2	4707.3	4396.0	4440.5	4859.7	5577.6	6257.3	6371.6	6378.0
32.5°	6651.2	5838.0	4866.1	4459.5	4535.7	4974.1	5679.2	6492.3	6746.4	6752.8
35°	6854.4	6015.9	5063.0	4573.9	4688.2	5164.7	5812.6	6714.7	7095.8	7140.3
37.5°	7114.9	6212.8	5291.7	4821.6	4948.7	5437.8	6047.7	6975.1	7508.8	7629.5
40°	7394.4	6409.8	5622.0	5221.8	5406.0	5844.4	6314.5	7267.4	7858.1	8023.3
42.5°	7705.7	6619.4	5996.8	5761.8	6041.3	6358.9	6619.4	7534.2	8125.0	8315.5
45°	8010.6	6873.5	6543.2	6498.7	6810.0	6968.8	6918.0	7724.7	8379.1	8569.6
47.5°	8226.6	7241.9	7203.8	7470.6	7762.9	7680.3	7267.4	7864.5	8588.7	8798.3
50°	8423.5	7699.3	8036.0	8556.9	8734.8	8455.3	7642.2	8055.1	8811.0	9046.1
52.5°	8715.7	8188.5	8893.6	9541.6	9713.1	9268.4	8048.7	8366.4	9154.1	9363.7
55°	9312.9	8741.2	9789.3	10532.6	10564.3	10011.7	8595.0	8893.6	9636.9	9878.3
57.5°	9979.9	9420.9	10500.8	11352.1	11339.4	10754.9	9211.2	9605.1	10291.2	10456.4
60°	10583.4	10107.0	11275.8	11936.5	11904.7	11294.9	9929.1	10411.9	11040.8	11167.8
62.5°	10939.2	10729.5	11618.9	12120.7	12000.0	11472.8	10538.9	11129.7	11574.4	11618.9
65°	10882.0	11085.3	11218.7	11529.9	11358.4	10977.3	10837.5	11587.1	11631.6	11587.1
67.5°	10450.0	10882.0	10119.7	10151.4	10062.5	9738.5	10373.8	11466.4	11161.5	11053.5
70°	9795.7	9827.4	8461.6	8061.4	8201.2	7756.5	8900.0	10526.2	10056.1	9922.7
72.5°	8709.4	8315.5	6397.1	5990.5	6200.1	5882.5	7140.3	9173.1	8715.7	8283.8
75°	7305.5	6587.6	4872.4	4294.3	4402.3	4389.6	5533.1	7578.6	6752.8	6320.8
77.5°	5660.2	5132.9	3595.6	3373.2	3258.9	3284.3	3862.4	5634.7	4897.8	4357.9
80°	4135.5	3589.2	2782.4	2909.5	2846.0	2693.5	2706.2	3773.4	3405.0	3081.0
82.5°	2858.7	2553.7	2255.2	2547.4	2394.9	2159.9	2109.1	2718.9	2553.7	2356.8
85°	1918.5	2102.7	1791.4	1950.2	1689.8	1556.4	1982.0	2274.2	1835.9	1639.0
87.5°	1251.5	1924.8	1289.6	978.3	559.0	749.6	1213.3	1492.9	857.6	463.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)