

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: P598689

Luminaire Tested: **IFLD-M-SA4A-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: P598689
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4A-735-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (64) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

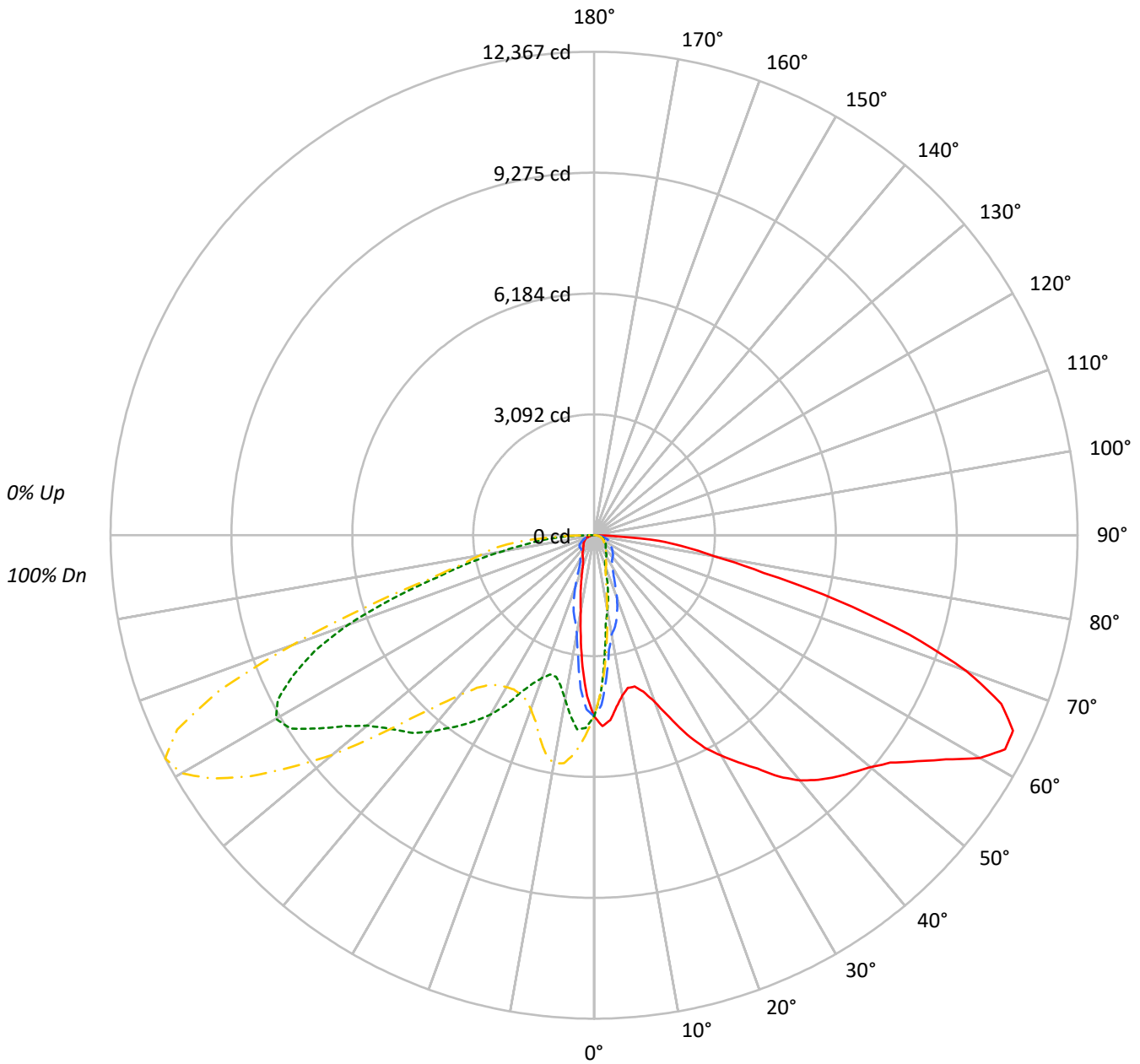
Lumens per Lamp: N/A
 Luminaire Lumens: 15492.8 lumens
 Efficiency: N/A
 Efficacy: 120.5 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 128.6
 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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77	77	
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59	59	
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46	46	
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36	36	
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30	30	
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25	25	
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21	21	
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18	18	
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16	16	
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14	14	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	49815	49815	49815	49815
5°	51266	33337	36418	53858
10°	45483	21182	21395	46545
15°	44638	15024	14229	41748
20°	51898	9504	9577	44474
25°	66743	8160	7929	52578
30°	80885	7733	7251	65820
35°	95734	6813	6558	78018
40°	115030	6466	6011	92169
45°	133104	6413	5821	107449
50°	154563	6512	5861	126885
55°	189148	6690	5960	161657
60°	245307	6697	6280	202192
65°	301119	6770	6439	216430
70°	318634	7141	6732	210721
75°	268217	7548	6737	171985
80°	194862	8839	6831	148657
85°	206533	12807	5607	154501

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	358.2	2.3
10°-20°	749.6	4.8
20°-30°	1080.2	7.0
30°-40°	1555.1	10.0
40°-50°	2208.9	14.3
50°-60°	3175.8	20.5
60°-70°	3669.1	23.7
70°-80°	2077.5	13.4
80°-90°	618.3	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°	2188.0	14.1
0°-40°	3743.1	24.2
0°-60°	9127.8	58.9
0°-90°	15492.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15492.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4628	4628	4628	4628	4628	
5°	4745	3085	3370	4984	4745	431
15°	4006	1348	1277	3746	4006	1178
25°	5620	687	668	4427	5620	2608
35°	7286	518	499	5937	7286	4624
45°	8744	421	382	7059	8744	6771
55°	10079	356	318	8614	10079	9128
65°	11823	266	253	8498	11823	11337
75°	6449	182	162	4135	6449	6843
85°	1672	104	45	1251	1672	1665
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°	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0
2.5°	4887.2	4880.8	4841.9	4718.7	4589.1	4465.9	4349.3	4226.1	4161.3	4083.5	4051.1
5°	4744.6	4731.7	4621.5	4349.3	4109.4	3850.2	3629.8	3454.8	3312.2	3169.6	3117.7
7.5°	4420.6	4401.1	4271.5	3895.5	3545.5	3208.5	2942.7	2715.9	2527.9	2443.6	2346.4
10°	4161.3	4128.9	3960.3	3545.5	3091.8	2754.7	2579.7	2424.2	2262.1	2126.0	1983.4
12.5°	3999.2	3960.3	3785.3	3299.2	2858.5	2605.7	2424.2	2249.2	2048.2	1879.7	1724.1
15°	4005.7	3960.3	3746.4	3234.4	2800.1	2476.0	2223.2	1983.4	1750.1	1562.1	1387.1
17.5°	4193.7	4135.4	3908.5	3325.1	2754.7	2307.5	1970.5	1659.3	1393.6	1192.6	1050.0
20°	4530.7	4491.9	4232.6	3461.3	2709.4	2126.0	1711.2	1335.2	1056.5	901.0	842.6
22.5°	5036.3	4990.9	4712.2	3668.7	2696.4	1964.0	1432.5	1050.0	849.1	784.3	751.9
25°	5619.7	5535.4	5276.1	4018.7	2722.3	1814.9	1205.6	868.6	758.4	713.0	693.5
27.5°	6125.3	6073.4	5781.7	4349.3	2735.3	1698.2	1050.0	790.8	706.5	667.6	654.7
30°	6507.7	6488.2	6203.0	4712.2	2702.9	1555.6	952.8	758.4	706.5	667.6	628.7
32.5°	6890.1	6896.6	6591.9	4990.9	2657.5	1432.5	862.1	674.1	622.2	596.3	602.8
35°	7285.5	7317.9	7058.6	5263.2	2560.3	1387.1	797.3	628.7	583.4	544.5	525.0
37.5°	7784.6	7868.8	7616.1	5567.8	2463.1	1348.2	764.8	596.3	550.9	518.5	492.6
40°	8186.4	8342.0	8192.9	5853.0	2398.2	1302.8	738.9	563.9	531.5	492.6	473.2
42.5°	8484.6	8666.1	8614.2	6073.4	2398.2	1257.5	713.0	544.5	518.5	473.2	447.2
45°	8743.9	8931.8	8925.4	6300.3	2450.1	1231.5	680.6	544.5	505.6	460.2	434.3
47.5°	8977.2	9165.2	9230.0	6585.5	2534.4	1218.6	641.7	531.5	505.6	453.7	414.8
50°	9230.0	9437.4	9631.9	7039.2	2638.1	1186.2	615.8	512.1	512.1	447.2	401.9
52.5°	9554.1	9787.4	10143.9	7603.1	2741.8	1127.8	576.9	499.1	512.1	440.8	388.9
55°	10079.1	10273.6	10740.3	8277.2	2871.4	1056.5	544.5	466.7	486.1	421.3	369.5
57.5°	10669.0	10837.5	11226.4	8795.7	2910.3	965.8	499.1	434.3	466.7	401.9	343.5
60°	11394.9	11479.2	11479.2	8944.8	2780.7	881.5	466.7	408.4	421.3	382.4	324.1
62.5°	11855.1	11855.1	11479.2	8672.6	2534.4	810.2	440.8	382.4	369.5	356.5	304.6
65°	11822.7	11770.9	11213.4	7881.8	2249.2	764.8	414.8	350.0	330.6	324.1	285.2
67.5°	11278.2	11187.5	10429.1	6766.9	1951.0	745.4	388.9	317.6	304.6	291.7	259.3
70°	10124.5	9891.1	8957.8	5444.7	1659.3	732.4	382.4	291.7	278.7	265.8	239.8
72.5°	8452.2	8154.0	6993.8	4187.2	1393.6	687.1	363.0	259.3	252.8	239.8	213.9
75°	6449.3	5898.4	4880.8	3202.0	1082.5	596.3	311.1	226.9	226.9	220.4	194.5
77.5°	4446.5	4161.3	3402.9	2365.8	790.8	460.2	252.8	200.9	200.9	207.4	181.5
80°	3143.6	2877.9	2424.2	1698.2	499.1	311.1	194.5	168.5	188.0	200.9	168.5
82.5°	2404.7	2210.3	1801.9	1238.0	291.7	213.9	149.1	136.1	162.0	175.0	142.6
85°	1672.3	1438.9	913.9	829.7	168.5	129.6	110.2	110.2	142.6	175.0	129.6
87.5°	473.2	200.9	58.3	246.3	71.3	51.9	38.9	25.9	38.9	38.9	25.9
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0
2.5°	4018.7	3979.8	3979.8	3966.8	3973.3	3979.8	3973.3	4018.7	4038.1	4064.1	4115.9
5°	3085.3	3137.2	3098.3	3137.2	3189.0	3266.8	3286.2	3344.6	3351.1	3396.4	3370.5
7.5°	2288.1	2281.6	2249.2	2294.5	2437.1	2547.3	2599.2	2631.6	2638.1	2638.1	2605.7
10°	1938.0	1879.7	1821.4	1789.0	1801.9	1918.6	1957.5	1976.9	1964.0	1983.4	1957.5
12.5°	1659.3	1607.5	1523.2	1464.9	1426.0	1458.4	1497.3	1516.7	1529.7	1562.1	1588.0
15°	1348.2	1296.3	1244.5	1212.1	1179.7	1153.8	1186.2	1205.6	1238.0	1263.9	1276.9
17.5°	1024.1	998.2	972.3	991.7	991.7	978.7	991.7	998.2	1011.2	1030.6	1024.1
20°	829.7	823.2	816.7	849.1	875.0	875.0	888.0	868.6	862.1	842.6	836.1
22.5°	738.9	738.9	745.4	771.3	797.3	810.2	810.2	777.8	745.4	732.4	738.9
25°	687.1	687.1	706.5	713.0	726.0	726.0	732.4	700.0	680.6	661.1	667.6
27.5°	648.2	648.2	654.7	654.7	661.1	661.1	667.6	654.7	628.7	622.2	622.2
30°	622.2	622.2	615.8	615.8	615.8	615.8	622.2	602.8	589.8	583.4	583.4
32.5°	596.3	589.8	583.4	583.4	576.9	576.9	583.4	563.9	557.4	557.4	557.4
35°	518.5	512.1	518.5	531.5	531.5	538.0	538.0	531.5	518.5	505.6	499.1
37.5°	486.1	479.6	479.6	479.6	492.6	499.1	505.6	492.6	473.2	453.7	453.7
40°	460.2	460.2	453.7	453.7	453.7	466.7	479.6	460.2	434.3	427.8	427.8
42.5°	440.8	434.3	427.8	421.3	414.8	434.3	447.2	421.3	408.4	408.4	408.4
45°	421.3	414.8	408.4	401.9	395.4	401.9	414.8	388.9	382.4	382.4	382.4
47.5°	401.9	395.4	382.4	375.9	369.5	369.5	382.4	363.0	356.5	363.0	363.0
50°	388.9	375.9	363.0	356.5	350.0	350.0	350.0	343.5	343.5	343.5	350.0
52.5°	375.9	363.0	343.5	337.1	330.6	330.6	330.6	330.6	324.1	330.6	337.1
55°	356.5	343.5	330.6	324.1	317.6	311.1	317.6	311.1	311.1	317.6	317.6
57.5°	330.6	317.6	304.6	304.6	298.2	298.2	304.6	298.2	298.2	304.6	304.6
60°	311.1	298.2	285.2	285.2	278.7	285.2	291.7	285.2	285.2	285.2	291.7
62.5°	285.2	278.7	265.8	265.8	265.8	265.8	272.2	265.8	272.2	272.2	272.2
65°	265.8	252.8	246.3	246.3	246.3	246.3	259.3	246.3	252.8	252.8	252.8
67.5°	246.3	233.3	226.9	226.9	226.9	226.9	239.8	226.9	233.3	239.8	233.3
70°	226.9	213.9	207.4	207.4	207.4	207.4	213.9	207.4	207.4	213.9	213.9
72.5°	200.9	194.5	188.0	188.0	181.5	188.0	194.5	188.0	188.0	188.0	188.0
75°	181.5	175.0	175.0	168.5	168.5	168.5	175.0	162.0	162.0	162.0	162.0
77.5°	168.5	155.6	155.6	155.6	149.1	155.6	149.1	136.1	136.1	136.1	136.1
80°	142.6	129.6	136.1	136.1	129.6	129.6	123.2	110.2	110.2	110.2	110.2
82.5°	116.7	103.7	110.2	110.2	110.2	110.2	97.2	90.7	84.3	77.8	77.8
85°	103.7	84.3	97.2	97.2	90.7	90.7	64.8	64.8	51.9	51.9	45.4
87.5°	19.4	13.0	25.9	32.4	32.4	38.9	25.9	32.4	19.4	13.0	13.0
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°	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0
2.5°	4109.4	4180.7	4278.0	4349.3	4459.4	4543.7	4673.3	4783.5	4887.2	4932.6	4978.0
5°	3448.3	3493.7	3642.7	3759.4	3934.4	4122.4	4355.7	4608.5	4867.8	4984.5	5120.6
7.5°	2579.7	2664.0	2748.3	2916.8	3130.7	3435.3	3733.5	4109.4	4472.4	4647.4	4880.8
10°	2002.9	2067.7	2164.9	2339.9	2540.8	2793.6	3150.1	3597.4	4031.6	4258.5	4498.3
12.5°	1607.5	1698.2	1827.9	2009.3	2242.7	2502.0	2761.2	3176.1	3681.6	3940.9	4213.1
15°	1302.8	1374.1	1516.7	1743.6	2015.8	2281.6	2553.8	2897.3	3448.3	3746.4	4070.5
17.5°	1037.1	1088.9	1218.6	1445.4	1717.7	2015.8	2326.9	2761.2	3370.5	3733.5	4115.9
20°	842.6	881.5	965.8	1134.3	1393.6	1717.7	2106.6	2631.6	3415.9	3882.6	4349.3
22.5°	738.9	751.9	790.8	881.5	1095.4	1438.9	1905.6	2521.4	3500.1	4102.9	4731.7
25°	667.6	680.6	693.5	751.9	875.0	1199.1	1730.6	2456.6	3681.6	4427.0	5172.4
27.5°	622.2	635.2	641.7	667.6	751.9	1024.1	1581.5	2417.7	3927.9	4900.2	5716.9
30°	583.4	583.4	602.8	641.7	700.0	901.0	1451.9	2326.9	4187.2	5295.6	6144.7
32.5°	550.9	557.4	583.4	602.8	641.7	797.3	1322.3	2210.3	4420.6	5619.7	6566.0
35°	492.6	492.6	499.1	531.5	583.4	713.0	1205.6	2093.6	4550.2	5937.3	6942.0
37.5°	453.7	460.2	473.2	499.1	544.5	654.7	1108.4	1964.0	4686.3	6235.4	7382.7
40°	427.8	434.3	447.2	473.2	518.5	602.8	1024.1	1860.3	4828.9	6559.5	7855.9
42.5°	408.4	414.8	427.8	453.7	492.6	589.8	933.4	1776.0	4913.2	6857.7	8303.1
45°	388.9	395.4	414.8	440.8	473.2	576.9	881.5	1717.7	4945.6	7058.6	8659.6
47.5°	369.5	375.9	395.4	434.3	473.2	557.4	862.1	1685.3	4971.5	7285.5	8944.8
50°	350.0	363.0	388.9	427.8	479.6	531.5	849.1	1678.8	5120.6	7577.2	9217.0
52.5°	337.1	356.5	382.4	427.8	473.2	492.6	842.6	1698.2	5418.7	8011.4	9605.9
55°	324.1	343.5	369.5	427.8	453.7	460.2	810.2	1730.6	5872.5	8614.2	10156.9
57.5°	311.1	324.1	356.5	414.8	427.8	434.3	745.4	1776.0	6326.2	9204.1	10720.8
60°	291.7	304.6	337.1	414.8	388.9	408.4	661.1	1789.0	6650.3	9392.1	10772.7
62.5°	272.2	285.2	317.6	427.8	356.5	382.4	589.8	1743.6	6715.1	9119.8	10481.0
65°	252.8	265.8	291.7	356.5	330.6	356.5	544.5	1620.4	6501.2	8497.6	9949.5
67.5°	233.3	246.3	265.8	291.7	298.2	324.1	525.0	1426.0	5963.2	7726.2	9223.5
70°	207.4	220.4	239.8	259.3	265.8	304.6	492.6	1238.0	5094.7	6695.6	8335.5
72.5°	188.0	194.5	213.9	226.9	239.8	278.7	473.2	1082.5	3895.5	5418.7	6799.4
75°	162.0	162.0	181.5	194.5	207.4	246.3	434.3	901.0	2748.3	4135.4	4997.4
77.5°	136.1	136.1	149.1	162.0	175.0	213.9	369.5	732.4	1905.6	3279.8	3623.3
80°	103.7	103.7	116.7	129.6	142.6	181.5	298.2	538.0	1179.7	2398.2	2638.1
82.5°	71.3	71.3	90.7	97.2	103.7	142.6	226.9	369.5	693.5	1730.6	1886.2
85°	38.9	38.9	51.9	58.3	71.3	103.7	168.5	259.3	414.8	1251.0	1257.5
87.5°	6.5	6.5	19.4	19.4	32.4	51.9	97.2	142.6	233.3	693.5	440.8
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: P598689
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0	4628.0
2.5°	5062.2	5133.5	5140.0	5140.0	5107.6	5114.1	5023.4	4926.1	4893.7	4887.2
5°	5328.0	5516.0	5567.8	5593.7	5509.5	5379.8	5146.5	4893.7	4764.1	4744.6
7.5°	5276.1	5652.1	5853.0	5878.9	5710.4	5405.8	4997.4	4608.5	4459.4	4420.6
10°	4971.5	5477.1	5840.1	5930.8	5749.3	5360.4	4828.9	4375.2	4193.7	4161.3
12.5°	4757.6	5243.7	5600.2	5723.4	5639.1	5302.1	4744.6	4226.1	4044.6	3999.2
15°	4640.9	5088.2	5321.5	5360.4	5353.9	5211.3	4744.6	4258.5	4057.6	4005.7
17.5°	4738.2	5042.8	5075.2	4984.5	5036.3	5107.6	4848.3	4433.5	4239.1	4193.7
20°	4932.6	5023.4	4867.8	4731.7	4757.6	4984.5	5010.4	4764.1	4608.5	4530.7
22.5°	5341.0	5094.7	4738.2	4550.2	4569.6	4887.2	5224.3	5211.3	5075.2	5036.3
25°	5755.8	5295.6	4699.3	4478.9	4504.8	4867.8	5477.1	5710.4	5639.1	5619.7
27.5°	6216.0	5632.6	4725.2	4446.5	4478.9	4893.7	5652.1	6131.7	6144.7	6125.3
30°	6527.1	5794.7	4803.0	4485.4	4530.7	4958.5	5691.0	6384.5	6501.2	6507.7
32.5°	6786.4	5956.7	4965.0	4550.2	4628.0	5075.2	5794.7	6624.3	6883.6	6890.1
35°	6993.8	6138.2	5166.0	4666.9	4783.5	5269.7	5930.8	6851.2	7240.1	7285.5
37.5°	7259.6	6339.1	5399.3	4919.6	5049.3	5548.4	6170.6	7117.0	7661.4	7784.6
40°	7544.8	6540.1	5736.3	5328.0	5516.0	5963.2	6442.9	7415.1	8017.9	8186.4
42.5°	7862.4	6754.0	6118.8	5878.9	6164.1	6488.2	6754.0	7687.4	8290.2	8484.6
45°	8173.5	7013.2	6676.2	6630.8	6948.4	7110.5	7058.6	7881.8	8549.4	8743.9
47.5°	8393.9	7389.2	7350.3	7622.5	7920.7	7836.4	7415.1	8024.4	8763.3	8977.2
50°	8594.8	7855.9	8199.4	8730.9	8912.4	8627.2	7797.5	8218.9	8990.2	9230.0
52.5°	8893.0	8355.0	9074.4	9735.6	9910.6	9456.9	8212.4	8536.5	9340.2	9554.1
55°	9502.2	8918.9	9988.4	10746.7	10779.1	10215.2	8769.8	9074.4	9832.8	10079.1
57.5°	10182.8	9612.4	10714.3	11582.9	11569.9	10973.6	9398.5	9800.4	10500.4	10669.0
60°	10798.6	10312.5	11505.1	12179.2	12146.8	11524.5	10131.0	10623.6	11265.3	11394.9
62.5°	11161.6	10947.7	11855.1	12367.2	12244.0	11706.0	10753.2	11356.0	11809.7	11855.1
65°	11103.2	11310.6	11446.8	11764.4	11589.4	11200.5	11057.9	11822.7	11868.1	11822.7
67.5°	10662.5	11103.2	10325.4	10357.8	10267.1	9936.5	10584.7	11699.6	11388.4	11278.2
70°	9994.9	10027.3	8633.7	8225.3	8367.9	7914.2	9080.9	10740.3	10260.6	10124.5
72.5°	8886.5	8484.6	6527.1	6112.3	6326.2	6002.1	7285.5	9359.6	8893.0	8452.2
75°	7454.0	6721.6	4971.5	4381.7	4491.9	4478.9	5645.6	7732.7	6890.1	6449.3
77.5°	5775.2	5237.3	3668.7	3441.8	3325.1	3351.1	3940.9	5749.3	4997.4	4446.5
80°	4219.6	3662.2	2839.0	2968.6	2903.8	2748.3	2761.2	3850.2	3474.2	3143.6
82.5°	2916.8	2605.7	2301.0	2599.2	2443.6	2203.8	2151.9	2774.2	2605.7	2404.7
85°	1957.5	2145.5	1827.9	1989.9	1724.1	1588.0	2022.3	2320.5	1873.2	1672.3
87.5°	1276.9	1964.0	1315.8	998.2	570.4	764.8	1238.0	1523.2	875.0	473.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)