

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: P598975

Luminaire Tested: **IFLD-S-SA6B-740-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598975
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6B-740-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (96) 4000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

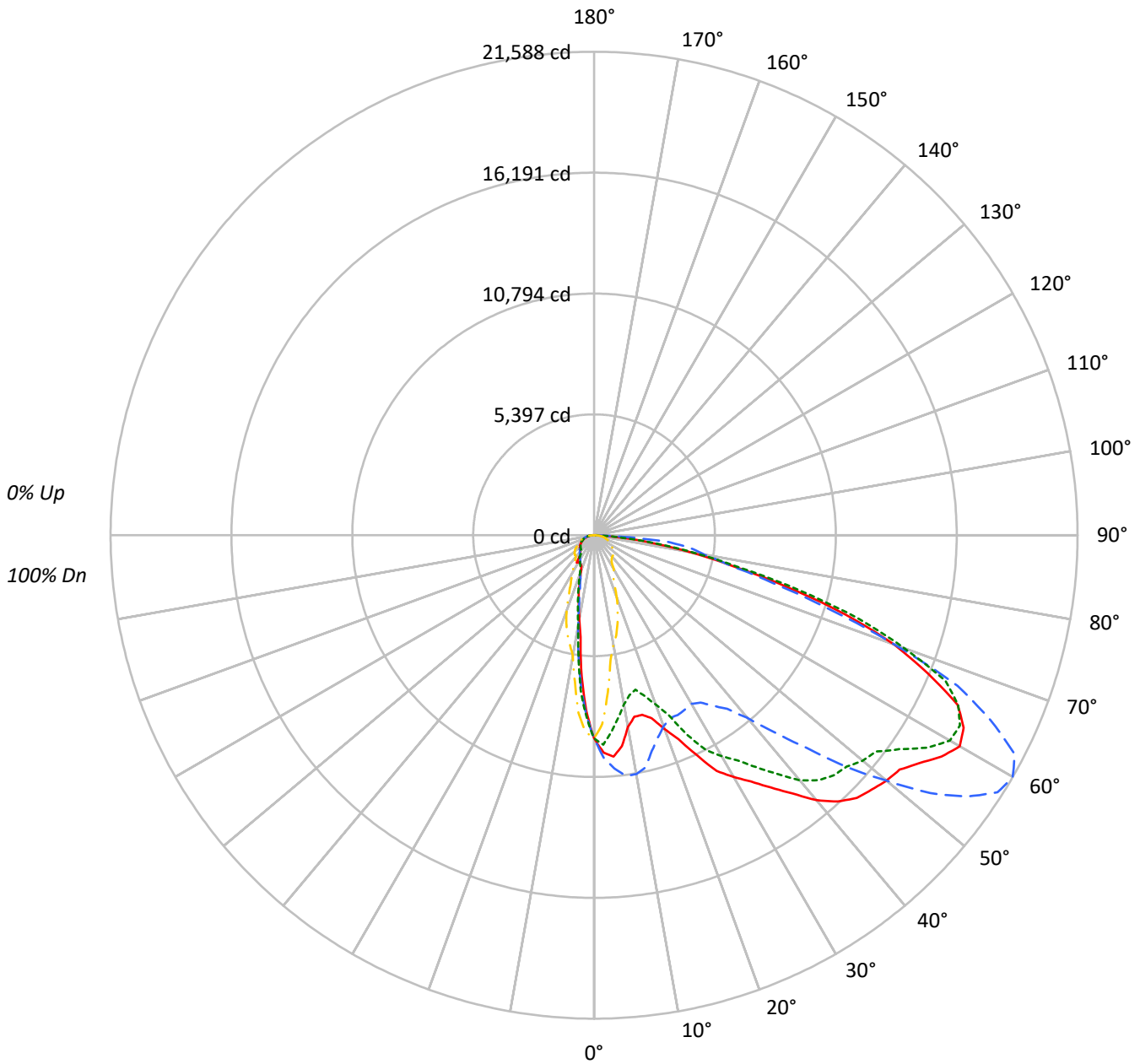
Lumens per Lamp: N/A
 Luminaire Lumens: 28392.9 lumens
 Efficiency: N/A
 Efficacy: 115.9 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 244.9
 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°	65075	65075	65075	65075
5°	71493	63509	45545	49719
10°	63326	55892	27624	29644
15°	61663	53055	19556	20305
20°	70310	61364	12793	14139
25°	85665	77786	11170	11568
30°	103216	94345	11585	10750
35°	120377	110778	9599	9048
40°	144651	133795	8967	8495
45°	168338	153767	9076	8436
50°	190245	174778	9280	8718
55°	221868	208316	9612	9139
60°	270605	263194	9580	9580
65°	304112	304540	9838	10266
70°	298877	309447	10306	10570
75°	246543	262956	10827	11523
80°	178006	186857	11972	12492
85°	98513	105775	13478	16590

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	704.5	2.5
10°-20°	1487.4	5.2
20°-30°	2176.3	7.7
30°-40°	3066.3	10.8
40°-50°	4214.0	14.8
50°-60°	5743.1	20.2
60°-70°	6285.6	22.1
70°-80°	3628.9	12.8
80°-90°	1086.7	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°	4368.2	15.4
0°-40°	7434.5	26.2
0°-60°	17391.6	61.3
0°-90°	28392.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	28392.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	9068	9068	9068	9068	9068	
5°	9925	8817	6323	6902	9925	901
15°	8300	7142	2632	2733	8300	2425
25°	10819	9824	1411	1461	10819	5066
35°	13741	12646	1096	1033	13741	8713
45°	16588	15152	894	831	16588	12749
55°	17734	16651	768	730	17734	16001
65°	17910	17936	579	605	17910	17142
75°	8892	9484	390	416	8892	9552
85°	1196	1285	164	202	1196	1660
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°	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5
2.5°	9710.9	9673.1	9710.9	9849.4	9887.2	9950.2	9950.2	9862.0	9698.3	9622.7	9496.8
5°	9925.0	9862.0	10176.9	10466.6	10693.3	10668.1	10454.0	10277.7	9950.2	9459.0	8993.0
7.5°	9496.8	9559.7	9786.4	10542.2	11071.2	11171.9	10831.8	10479.2	9773.9	9093.7	8464.0
10°	8690.7	8778.8	9270.0	10050.9	10882.2	11046.0	10831.8	10403.6	9559.7	8715.9	7985.3
12.5°	8300.2	8501.7	8791.4	9736.1	10328.0	10718.5	10617.7	10340.6	9396.0	8401.0	7695.7
15°	8300.2	8350.6	8778.8	9572.3	9912.4	9925.0	9962.8	10013.2	9446.4	8539.5	7594.9
17.5°	8564.7	8703.3	9068.5	9559.7	9622.7	9471.6	9471.6	9685.7	9547.1	8930.0	7960.1
20°	9207.1	9156.7	9635.3	9836.8	9496.8	9118.9	9081.1	9446.4	9660.5	9345.6	8627.7
22.5°	9849.4	10076.1	10466.6	10013.2	9383.4	8879.6	8829.2	9282.6	10000.6	10063.5	9396.0
25°	10819.3	11046.0	11247.5	10693.3	9370.8	8816.6	8854.4	9207.1	10416.2	11083.8	10680.7
27.5°	11864.7	12003.2	12292.9	11436.4	9673.1	8741.0	8778.8	9307.8	10806.7	11751.3	11688.3
30°	12456.6	12607.8	12544.8	11575.0	9874.6	8791.4	8690.7	9446.4	10592.5	11751.3	12343.3
32.5°	13036.0	12947.8	12910.1	11801.7	10126.5	9106.3	8854.4	9736.1	10718.5	11940.2	13187.1
35°	13741.3	13615.4	13514.6	12242.5	10542.2	9408.6	9295.2	10113.9	10995.6	12330.7	13867.3
37.5°	14522.2	14522.2	14031.0	12570.0	11033.4	9899.8	9773.9	10655.5	11436.4	12570.0	14799.3
40°	15441.7	15479.5	14610.4	13010.8	11587.6	10680.7	10642.9	11360.8	11864.7	12922.6	15693.6
42.5°	16121.8	16147.0	15114.2	13174.6	12229.9	11763.9	11927.6	12494.4	12355.9	13237.5	15756.6
45°	16587.8	16461.9	15466.9	13640.6	12935.2	13388.7	13439.0	13602.8	12998.2	13426.5	16008.5
47.5°	16814.6	16789.4	15618.0	14182.2	14421.5	15038.6	15328.3	15101.6	13590.2	13224.9	16008.5
50°	17041.3	16827.2	15756.6	14925.3	15869.9	17116.8	17053.9	16638.2	14408.9	13476.8	15769.2
52.5°	17192.4	17003.5	16033.7	15592.8	17255.4	18666.0	18917.9	18149.6	15366.1	13942.9	15882.5
55°	17734.0	17582.9	16864.9	16499.7	18855.0	20303.4	20341.2	19270.6	16373.7	14711.2	16625.6
57.5°	18389.0	18477.1	18011.1	17784.4	20076.7	21500.0	21361.4	20101.9	17230.2	15643.2	17482.1
60°	18855.0	18993.5	18880.2	18905.4	20681.3	21903.0	21588.1	20618.3	17860.0	16348.5	18527.5
62.5°	18603.1	18880.2	19346.2	19245.4	20706.5	21613.3	21172.5	19938.2	17935.5	17268.0	19321.0
65°	17910.3	17935.5	18842.4	19396.6	19572.9	20114.5	19535.1	18514.9	17154.6	17834.8	19207.6
67.5°	16134.4	16335.9	17154.6	18237.8	17494.7	17620.6	17570.3	16096.6	15970.7	17444.3	18338.6
70°	14245.1	14383.7	15277.9	16550.1	14774.1	14182.2	14295.5	13199.7	13716.1	16235.2	16587.8
72.5°	11776.5	11864.7	12884.9	14005.8	11852.1	10794.1	11058.6	10164.3	10894.8	14207.4	13993.2
75°	8892.2	9055.9	9849.4	11171.9	8728.5	8048.3	8312.8	7947.6	8627.7	11700.9	10857.0
77.5°	6322.8	6196.8	7179.2	8741.0	6562.1	6159.0	6184.2	6247.2	6977.7	9862.0	7796.4
80°	4307.5	4345.3	5227.0	6410.9	5151.4	5088.4	5025.5	5529.3	5856.8	7809.0	5667.8
82.5°	2556.8	2556.8	3526.6	4559.5	4068.2	4584.6	4295.0	4748.4	4584.6	5743.4	3715.6
85°	1196.5	1196.5	1813.7	3287.3	3148.8	3778.6	3211.8	3589.6	3388.1	4005.3	1675.2
87.5°	201.5	176.3	365.3	1612.2	1297.3	1473.6	579.4	1914.5	2128.6	2796.1	415.6
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°	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5
2.5°	9358.2	9270.0	9093.7	8867.0	8678.1	8438.8	8363.2	8199.5	7972.7	7947.6	7846.8
5°	8816.6	8514.3	8136.5	7670.5	7355.6	7028.1	6751.0	6587.3	6398.3	6373.2	6322.8
7.5°	8224.6	7846.8	7217.0	6662.8	6121.3	5604.9	5352.9	5038.1	4824.0	4660.2	4584.6
10°	7670.5	7317.8	6536.9	5781.2	5302.6	4962.5	4660.2	4332.7	4068.2	3866.7	3791.1
12.5°	7305.2	6889.6	6045.7	5327.8	4975.1	4584.6	4244.6	3891.9	3551.8	3287.3	3148.8
15°	7141.5	6751.0	5894.5	5101.0	4584.6	4043.1	3652.6	3299.9	2884.3	2695.4	2632.4
17.5°	7531.9	6952.5	5844.2	4836.5	4106.0	3488.9	3010.2	2632.4	2330.1	2141.2	2065.6
20°	8035.7	7317.8	5932.3	4521.7	3652.6	2959.9	2430.9	2027.8	1826.3	1687.8	1675.2
22.5°	8678.1	7859.4	6070.9	4295.0	3148.8	2380.5	1901.9	1662.6	1524.0	1511.4	1486.2
25°	9824.2	8841.8	6297.6	3992.7	2745.7	1964.8	1624.8	1486.2	1423.3	1385.5	1410.7
27.5°	10806.7	9484.2	6461.3	3803.7	2582.0	1851.5	1574.4	1423.3	1360.3	1347.7	1360.3
30°	11386.0	10076.1	6410.9	3451.1	2254.5	1763.3	1675.2	1624.8	1498.8	1398.1	1398.1
32.5°	11915.0	10454.0	6398.3	3136.2	1927.1	1473.6	1398.1	1360.3	1435.8	1486.2	1448.4
35°	12645.6	11046.0	6360.6	2959.9	1788.5	1360.3	1234.3	1133.6	1083.2	1058.0	1095.8
37.5°	13426.5	11449.0	6259.8	2934.7	1712.9	1297.3	1196.5	1095.8	1045.4	1020.2	1007.6
40°	14282.9	11877.2	6146.4	2808.7	1675.2	1259.5	1158.8	1070.6	1007.6	969.8	957.2
42.5°	14837.1	12217.3	6033.1	2745.7	1599.6	1234.3	1121.0	1045.4	982.4	932.0	932.0
45°	15152.0	12620.4	5919.7	2682.8	1511.4	1246.9	1121.0	1020.2	944.6	919.4	894.3
47.5°	15290.5	12922.6	5881.9	2582.0	1435.8	1196.5	1095.8	995.0	919.4	869.1	856.5
50°	15655.8	13565.0	6020.5	2506.4	1347.7	1146.2	1158.8	982.4	906.9	843.9	831.3
52.5°	15869.9	14081.4	6322.8	2393.1	1284.7	1083.2	1133.6	957.2	869.1	806.1	806.1
55°	16650.8	14937.9	6650.3	2304.9	1209.1	995.0	1045.4	906.9	806.1	768.3	768.3
57.5°	17645.8	15844.7	6927.3	2267.1	1158.8	932.0	932.0	881.7	768.3	717.9	705.3
60°	18338.6	16587.8	7091.1	2241.9	1108.4	869.1	831.3	881.7	730.5	680.1	667.5
62.5°	18414.1	16159.6	6927.3	2229.3	1095.8	806.1	755.7	843.9	692.7	642.4	617.2
65°	17935.5	15290.5	6473.9	2179.0	1083.2	743.1	705.3	730.5	642.4	604.6	579.4
67.5°	16978.3	13879.9	5819.0	2153.8	1070.6	692.7	642.4	629.8	592.0	554.2	529.0
70°	14748.9	12041.0	5050.7	2040.4	1045.4	654.9	579.4	566.8	529.0	503.8	491.2
72.5°	12381.1	9849.4	4169.0	1889.3	995.0	592.0	529.0	503.8	491.2	453.4	440.8
75°	9484.2	7582.3	3337.7	1675.2	869.1	529.0	466.0	440.8	428.2	403.0	390.5
77.5°	6662.8	5642.6	2468.7	1360.3	730.5	478.6	415.6	390.5	377.9	340.1	340.1
80°	4521.7	3954.9	1675.2	944.6	566.8	390.5	365.3	340.1	314.9	289.7	289.7
82.5°	2808.7	2770.9	1209.1	617.2	415.6	314.9	289.7	289.7	251.9	226.7	226.7
85°	1284.7	1700.3	843.9	428.2	314.9	239.3	239.3	226.7	201.5	163.7	163.7
87.5°	403.0	566.8	440.8	188.9	176.3	138.5	138.5	126.0	126.0	100.8	100.8
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°	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5
2.5°	7947.6	7935.0	7935.0	7884.6	8010.5	8010.5	8086.1	8023.1	8060.9	8073.5	8174.3
5°	6310.2	6410.9	6486.5	6637.7	6725.8	6763.6	6763.6	6864.4	6826.6	6902.2	7053.3
7.5°	4622.4	4748.4	4975.1	5164.0	5315.2	5365.5	5352.9	5378.1	5415.9	5327.8	5352.9
10°	3740.8	3652.6	3728.2	3904.5	4043.1	4206.8	4080.8	4068.2	4106.0	4068.2	4143.8
12.5°	3123.6	3022.8	2959.9	2959.9	3060.6	3136.2	3098.4	3161.4	3299.9	3337.7	3425.9
15°	2531.6	2443.5	2393.1	2330.1	2430.9	2456.1	2493.8	2582.0	2682.8	2733.2	2833.9
17.5°	2027.8	2027.8	2027.8	1977.4	2015.2	2053.0	2065.6	2179.0	2191.6	2241.9	2279.7
20°	1662.6	1700.3	1763.3	1788.5	1826.3	1826.3	1801.1	1864.1	1813.7	1851.5	1876.7
22.5°	1498.8	1549.2	1574.4	1587.0	1637.4	1650.0	1587.0	1599.6	1612.2	1574.4	1587.0
25°	1410.7	1435.8	1410.7	1423.3	1435.8	1410.7	1423.3	1448.4	1435.8	1461.0	1448.4
27.5°	1372.9	1347.7	1335.1	1322.5	1322.5	1297.3	1309.9	1309.9	1335.1	1347.7	1347.7
30°	1372.9	1335.1	1284.7	1246.9	1246.9	1209.1	1234.3	1259.5	1272.1	1297.3	1297.3
32.5°	1410.7	1335.1	1246.9	1209.1	1171.4	1146.2	1171.4	1209.1	1259.5	1272.1	1284.7
35°	1121.0	1158.8	1146.2	1095.8	1083.2	1083.2	1070.6	1070.6	1032.8	1032.8	1020.2
37.5°	1007.6	995.0	1020.2	1032.8	1045.4	1007.6	1007.6	957.2	944.6	957.2	957.2
40°	944.6	944.6	944.6	982.4	995.0	969.8	932.0	906.9	906.9	906.9	919.4
42.5°	919.4	894.3	881.7	906.9	944.6	919.4	881.7	869.1	869.1	881.7	881.7
45°	881.7	869.1	856.5	843.9	894.3	856.5	843.9	831.3	831.3	831.3	843.9
47.5°	843.9	831.3	806.1	806.1	818.7	806.1	793.5	793.5	793.5	818.7	818.7
50°	818.7	806.1	780.9	780.9	780.9	780.9	768.3	768.3	768.3	780.9	793.5
52.5°	780.9	768.3	755.7	743.1	743.1	743.1	743.1	743.1	743.1	755.7	768.3
55°	743.1	730.5	717.9	717.9	730.5	730.5	717.9	730.5	717.9	730.5	743.1
57.5°	705.3	692.7	680.1	692.7	705.3	692.7	692.7	692.7	692.7	692.7	705.3
60°	654.9	654.9	654.9	654.9	680.1	680.1	680.1	680.1	654.9	667.5	680.1
62.5°	629.8	617.2	617.2	629.8	642.4	642.4	654.9	642.4	629.8	642.4	642.4
65°	579.4	579.4	579.4	592.0	592.0	604.6	604.6	604.6	592.0	604.6	604.6
67.5°	541.6	541.6	541.6	541.6	566.8	566.8	566.8	566.8	554.2	554.2	566.8
70°	478.6	491.2	478.6	503.8	529.0	516.4	529.0	529.0	516.4	503.8	529.0
72.5°	440.8	440.8	440.8	440.8	478.6	478.6	478.6	491.2	478.6	466.0	478.6
75°	390.5	390.5	390.5	403.0	428.2	428.2	428.2	428.2	428.2	415.6	415.6
77.5°	340.1	352.7	340.1	352.7	377.9	365.3	377.9	390.5	377.9	365.3	365.3
80°	289.7	289.7	289.7	302.3	314.9	314.9	314.9	327.5	314.9	302.3	302.3
82.5°	226.7	226.7	239.3	239.3	251.9	251.9	251.9	264.5	251.9	239.3	239.3
85°	176.3	176.3	176.3	188.9	188.9	201.5	201.5	214.1	214.1	201.5	201.5
87.5°	113.4	100.8	113.4	113.4	126.0	126.0	113.4	100.8	113.4	100.8	88.2
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: P598975
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5	9068.5
2.5°	8275.0	8501.7	8665.5	8778.8	8942.6	9257.5	9383.4	9610.1	9673.1	9710.9
5°	7116.3	7355.6	7708.2	7960.1	8249.8	8841.8	9295.2	9635.3	9786.4	9925.0
7.5°	5579.7	5894.5	6259.8	6587.3	7065.9	7796.4	8388.4	9093.7	9358.2	9496.8
10°	4357.9	4647.6	5050.7	5453.7	6121.3	6738.4	7582.3	8224.6	8589.9	8690.7
12.5°	3677.8	4017.9	4496.5	4987.7	5403.3	6108.7	6965.1	7897.2	8237.2	8300.2
15°	3123.6	3589.6	4080.8	4584.6	5063.3	5680.4	6599.9	7733.4	8237.2	8300.2
17.5°	2582.0	2997.7	3577.0	4118.6	4672.8	5516.7	6662.8	7872.0	8375.8	8564.7
20°	2053.0	2456.1	2909.5	3589.6	4345.3	5239.6	6801.4	8338.0	9005.5	9207.1
22.5°	1700.3	1876.7	2317.5	2972.5	3866.7	5050.7	6939.9	9068.5	9773.9	9849.4
25°	1486.2	1612.2	1889.3	2506.4	3488.9	4924.7	7267.4	9912.4	10819.3	10819.3
27.5°	1385.5	1435.8	1624.8	2179.0	3224.4	4811.4	7594.9	10844.4	11688.3	11864.7
30°	1360.3	1486.2	1587.0	1939.7	2934.7	4496.5	7897.2	11575.0	12444.0	12456.6
32.5°	1335.1	1309.9	1385.5	1687.8	2582.0	4169.0	8149.1	12318.1	12998.2	13036.0
35°	1045.4	1095.8	1221.7	1486.2	2317.5	3929.7	8275.0	12721.1	13703.5	13741.3
37.5°	982.4	1045.4	1146.2	1372.9	2141.2	3728.2	8312.8	13502.0	14446.7	14522.2
40°	957.2	1007.6	1083.2	1272.1	2002.6	3476.3	8388.4	14308.1	15542.4	15441.7
42.5°	906.9	969.8	1045.4	1221.7	1889.3	3287.3	8401.0	14748.9	16121.8	16121.8
45°	894.3	932.0	1020.2	1221.7	1763.3	3123.6	8199.5	15189.8	16789.4	16587.8
47.5°	843.9	919.4	995.0	1183.9	1612.2	2959.9	7960.1	15416.5	16877.5	16814.6
50°	831.3	906.9	1032.8	1121.0	1524.0	2884.3	7909.8	15983.3	17053.9	17041.3
52.5°	806.1	881.7	1070.6	1070.6	1410.7	2783.5	8149.1	16235.2	17091.6	17192.4
55°	768.3	881.7	995.0	982.4	1309.9	2657.6	8413.6	16890.1	17759.2	17734.0
57.5°	743.1	856.5	944.6	894.3	1196.5	2569.4	8804.0	17519.9	18565.3	18389.0
60°	705.3	856.5	843.9	831.3	1108.4	2493.8	9131.5	17645.8	18741.6	18855.0
62.5°	680.1	894.3	743.1	768.3	1032.8	2456.1	8993.0	16701.2	18502.3	18603.1
65°	654.9	768.3	680.1	705.3	1007.6	2380.5	8451.4	15567.6	17469.5	17910.3
67.5°	604.6	629.8	629.8	654.9	982.4	2204.2	7343.0	13527.2	15895.1	16134.4
70°	554.2	566.8	566.8	604.6	957.2	2002.6	6058.3	11700.9	13791.7	14245.1
72.5°	503.8	503.8	503.8	554.2	881.7	1838.9	4987.7	8993.0	11461.6	11776.5
75°	440.8	440.8	440.8	491.2	793.5	1675.2	3929.7	6688.0	8438.8	8892.2
77.5°	390.5	390.5	377.9	440.8	692.7	1360.3	2833.9	4723.2	5944.9	6322.8
80°	327.5	314.9	314.9	352.7	541.6	982.4	1826.3	3337.7	4143.8	4307.5
82.5°	264.5	251.9	239.3	264.5	390.5	617.2	1133.6	2330.1	2657.6	2556.8
85°	251.9	264.5	214.1	201.5	277.1	403.0	717.9	1435.8	1196.5	1196.5
87.5°	100.8	88.2	88.2	75.6	138.5	151.1	314.9	264.5	201.5	201.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)