

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: P599057

Luminaire Tested: **IFLD-S-SA3B-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: P599057
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3B-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

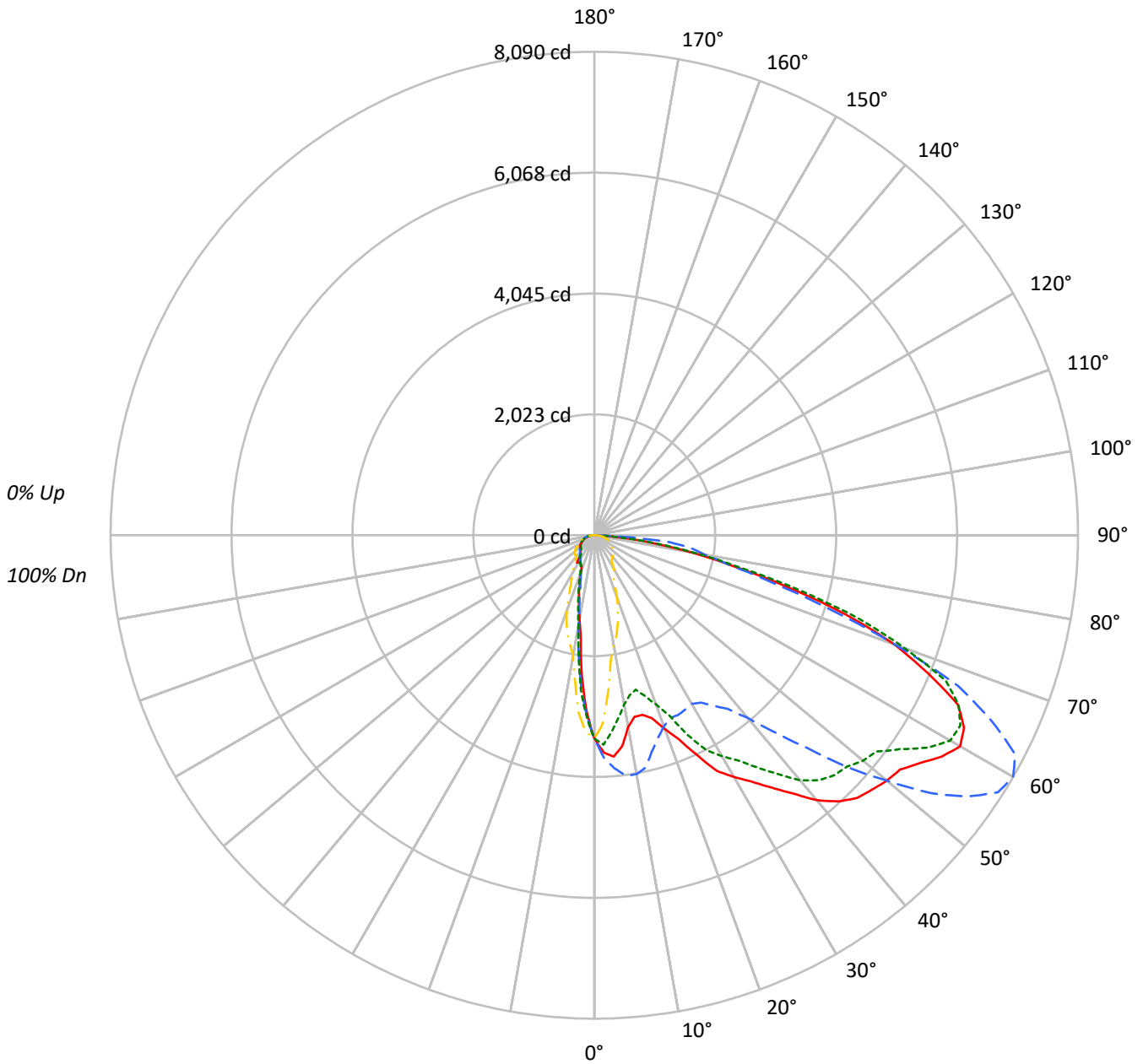
Lumens per Lamp: N/A
 Luminaire Lumens: 10639.7 lumens
 Efficiency: N/A
 Efficacy: 86.9 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 122.4
 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°	48771	48771	48771	48771
5°	53581	47598	34134	37262
10°	47461	41889	20704	22217
15°	46213	39762	14656	15218
20°	52695	45990	9587	10596
25°	64202	58297	8371	8670
30°	77357	70708	8682	8056
35°	90218	83024	7194	6780
40°	108410	100274	6720	6366
45°	126164	115242	6801	6322
50°	142582	130989	6955	6533
55°	166282	156126	7204	6848
60°	202807	197252	7179	7179
65°	227919	228242	7373	7692
70°	223998	231920	7725	7922
75°	184775	197074	8113	8639
80°	133412	140041	8976	9364
85°	73838	79272	10111	12433

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	264.0	2.5
10°-20°	557.4	5.2
20°-30°	815.5	7.7
30°-40°	1149.0	10.8
40°-50°	1579.1	14.8
50°-60°	2152.1	20.2
60°-70°	2355.4	22.1
70°-80°	1359.9	12.8
80°-90°	407.2	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°	1636.9	15.4
0°-40°	2785.9	26.2
0°-60°	6517.2	61.3
0°-90°	10639.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10639.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3398	3398	3398	3398	3398	
5°	3719	3304	2369	2586	3719	338
15°	3110	2676	986	1024	3110	909
25°	4054	3681	529	548	4054	1898
35°	5149	4739	411	387	5149	3265
45°	6216	5678	335	312	6216	4777
55°	6646	6240	288	274	6646	5996
65°	6712	6721	217	226	6712	6424
75°	3332	3554	146	156	3332	3579
85°	448	481	61	76	448	622
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°	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2
2.5°	3639.0	3624.8	3639.0	3690.9	3705.0	3728.6	3728.6	3695.6	3634.2	3605.9	3558.7
5°	3719.2	3695.6	3813.6	3922.1	4007.1	3997.7	3917.4	3851.3	3728.6	3544.6	3369.9
7.5°	3558.7	3582.3	3667.3	3950.5	4148.7	4186.5	4059.0	3926.9	3662.6	3407.7	3171.7
10°	3256.7	3289.7	3473.8	3766.4	4077.9	4139.3	4059.0	3898.5	3582.3	3266.1	2992.3
12.5°	3110.3	3185.9	3294.4	3648.4	3870.2	4016.5	3978.8	3874.9	3521.0	3148.1	2883.8
15°	3110.3	3129.2	3289.7	3587.0	3714.5	3719.2	3733.4	3752.2	3539.8	3200.0	2846.0
17.5°	3209.5	3261.4	3398.2	3582.3	3605.9	3549.3	3549.3	3629.5	3577.6	3346.3	2982.9
20°	3450.2	3431.3	3610.6	3686.2	3558.7	3417.1	3403.0	3539.8	3620.1	3502.1	3233.1
22.5°	3690.9	3775.8	3922.1	3752.2	3516.2	3327.5	3308.6	3478.5	3747.5	3771.1	3521.0
25°	4054.3	4139.3	4214.8	4007.1	3511.5	3303.9	3318.0	3450.2	3903.3	4153.4	4002.4
27.5°	4446.0	4498.0	4606.5	4285.6	3624.8	3275.5	3289.7	3487.9	4049.6	4403.6	4380.0
30°	4667.9	4724.5	4700.9	4337.5	3700.3	3294.4	3256.7	3539.8	3969.3	4403.6	4625.4
32.5°	4885.0	4851.9	4837.8	4422.4	3794.7	3412.4	3318.0	3648.4	4016.5	4474.4	4941.6
35°	5149.3	5102.1	5064.3	4587.6	3950.5	3525.7	3483.2	3790.0	4120.4	4620.7	5196.5
37.5°	5441.9	5441.9	5257.8	4710.3	4134.5	3709.8	3662.6	3992.9	4285.6	4710.3	5545.8
40°	5786.5	5800.6	5475.0	4875.5	4342.2	4002.4	3988.2	4257.2	4446.0	4842.5	5880.9
42.5°	6041.3	6050.8	5663.7	4936.9	4582.9	4408.3	4469.6	4682.0	4630.1	4960.5	5904.5
45°	6216.0	6168.8	5795.9	5111.5	4847.2	5017.1	5036.0	5097.4	4870.8	5031.3	5998.9
47.5°	6300.9	6291.5	5852.5	5314.5	5404.2	5635.4	5744.0	5659.0	5092.7	4955.8	5998.9
50°	6385.9	6305.6	5904.5	5592.9	5946.9	6414.2	6390.6	6234.8	5399.4	5050.2	5909.2
52.5°	6442.5	6371.7	6008.3	5843.1	6466.1	6994.7	7089.1	6801.2	5758.1	5224.8	5951.7
55°	6645.5	6588.8	6319.8	6182.9	7065.5	7608.3	7622.5	7221.3	6135.7	5512.7	6230.1
57.5°	6890.9	6923.9	6749.3	6664.3	7523.3	8056.7	8004.8	7532.8	6456.7	5862.0	6551.1
60°	7065.5	7117.4	7075.0	7084.4	7749.9	8207.7	8089.7	7726.3	6692.7	6126.3	6942.8
62.5°	6971.1	7075.0	7249.6	7211.8	7759.3	8099.2	7934.0	7471.4	6721.0	6470.8	7240.2
65°	6711.5	6721.0	7060.8	7268.5	7334.5	7537.5	7320.4	6938.1	6428.4	6683.2	7197.7
67.5°	6046.0	6121.6	6428.4	6834.3	6555.8	6603.0	6584.1	6031.9	5984.7	6536.9	6872.0
70°	5338.1	5390.0	5725.1	6201.8	5536.3	5314.5	5357.0	4946.3	5139.8	6083.8	6216.0
72.5°	4413.0	4446.0	4828.3	5248.4	4441.3	4044.9	4144.0	3808.9	4082.6	5323.9	5243.7
75°	3332.2	3393.5	3690.9	4186.5	3270.8	3015.9	3115.1	2978.2	3233.1	4384.7	4068.5
77.5°	2369.3	2322.1	2690.3	3275.5	2459.0	2308.0	2317.4	2341.0	2614.8	3695.6	2921.5
80°	1614.2	1628.3	1958.7	2402.4	1930.4	1906.8	1883.2	2072.0	2194.7	2926.3	2123.9
82.5°	958.1	958.1	1321.5	1708.6	1524.5	1718.0	1609.4	1779.4	1718.0	2152.2	1392.3
85°	448.4	448.4	679.6	1231.9	1179.9	1415.9	1203.5	1345.1	1269.6	1500.9	627.7
87.5°	75.5	66.1	136.9	604.1	486.1	552.2	217.1	717.4	797.6	1047.8	155.8
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2
2.5°	3506.8	3473.8	3407.7	3322.7	3251.9	3162.3	3133.9	3072.6	2987.6	2978.2	2940.4
5°	3303.9	3190.6	3049.0	2874.4	2756.4	2633.6	2529.8	2468.4	2397.7	2388.2	2369.3
7.5°	3082.0	2940.4	2704.4	2496.8	2293.8	2100.3	2005.9	1887.9	1807.7	1746.3	1718.0
10°	2874.4	2742.2	2449.6	2166.4	1987.0	1859.6	1746.3	1623.6	1524.5	1449.0	1420.7
12.5°	2737.5	2581.7	2265.5	1996.5	1864.3	1718.0	1590.6	1458.4	1331.0	1231.9	1179.9
15°	2676.1	2529.8	2208.9	1911.5	1718.0	1515.1	1368.7	1236.6	1080.8	1010.0	986.4
17.5°	2822.4	2605.3	2190.0	1812.4	1538.7	1307.4	1128.0	986.4	873.2	802.4	774.0
20°	3011.2	2742.2	2223.0	1694.4	1368.7	1109.2	910.9	759.9	684.4	632.5	627.7
22.5°	3251.9	2945.1	2274.9	1609.4	1179.9	892.0	712.7	623.0	571.1	566.4	556.9
25°	3681.4	3313.3	2359.9	1496.2	1028.9	736.3	608.9	556.9	533.3	519.2	528.6
27.5°	4049.6	3554.0	2421.3	1425.4	967.6	693.8	590.0	533.3	509.7	505.0	509.7
30°	4266.7	3775.8	2402.4	1293.2	844.8	660.8	627.7	608.9	561.7	523.9	523.9
32.5°	4464.9	3917.4	2397.7	1175.2	722.1	552.2	523.9	509.7	538.1	556.9	542.8
35°	4738.7	4139.3	2383.5	1109.2	670.2	509.7	462.5	424.8	405.9	396.5	410.6
37.5°	5031.3	4290.3	2345.7	1099.7	641.9	486.1	448.4	410.6	391.7	382.3	377.6
40°	5352.2	4450.8	2303.3	1052.5	627.7	472.0	434.2	401.2	377.6	363.4	358.7
42.5°	5559.9	4578.2	2260.8	1028.9	599.4	462.5	420.1	391.7	368.1	349.3	349.3
45°	5677.9	4729.2	2218.3	1005.3	566.4	467.3	420.1	382.3	354.0	344.5	335.1
47.5°	5729.8	4842.5	2204.1	967.6	538.1	448.4	410.6	372.9	344.5	325.7	320.9
50°	5866.7	5083.2	2256.1	939.2	505.0	429.5	434.2	368.1	339.8	316.2	311.5
52.5°	5946.9	5276.7	2369.3	896.8	481.4	405.9	424.8	358.7	325.7	302.1	302.1
55°	6239.6	5597.7	2492.0	863.7	453.1	372.9	391.7	339.8	302.1	287.9	287.9
57.5°	6612.4	5937.5	2595.9	849.6	434.2	349.3	349.3	330.4	287.9	269.0	264.3
60°	6872.0	6216.0	2657.2	840.1	415.3	325.7	311.5	330.4	273.7	254.9	250.1
62.5°	6900.3	6055.5	2595.9	835.4	410.6	302.1	283.2	316.2	259.6	240.7	231.3
65°	6721.0	5729.8	2426.0	816.5	405.9	278.5	264.3	273.7	240.7	226.5	217.1
67.5°	6362.3	5201.2	2180.5	807.1	401.2	259.6	240.7	236.0	221.8	207.7	198.2
70°	5526.9	4512.1	1892.6	764.6	391.7	245.4	217.1	212.4	198.2	188.8	184.1
72.5°	4639.6	3690.9	1562.2	708.0	372.9	221.8	198.2	188.8	184.1	169.9	165.2
75°	3554.0	2841.3	1250.7	627.7	325.7	198.2	174.6	165.2	160.5	151.0	146.3
77.5°	2496.8	2114.5	925.1	509.7	273.7	179.4	155.8	146.3	141.6	127.4	127.4
80°	1694.4	1482.0	627.7	354.0	212.4	146.3	136.9	127.4	118.0	108.6	108.6
82.5°	1052.5	1038.4	453.1	231.3	155.8	118.0	108.6	108.6	94.4	85.0	85.0
85°	481.4	637.2	316.2	160.5	118.0	89.7	89.7	85.0	75.5	61.4	61.4
87.5°	151.0	212.4	165.2	70.8	66.1	51.9	51.9	47.2	47.2	37.8	37.8
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°	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2
2.5°	2978.2	2973.5	2973.5	2954.6	3001.8	3001.8	3030.1	3006.5	3020.7	3025.4	3063.1
5°	2364.6	2402.4	2430.7	2487.3	2520.4	2534.5	2534.5	2572.3	2558.1	2586.4	2643.1
7.5°	1732.2	1779.4	1864.3	1935.1	1991.8	2010.6	2005.9	2015.3	2029.5	1996.5	2005.9
10°	1401.8	1368.7	1397.1	1463.1	1515.1	1576.4	1529.2	1524.5	1538.7	1524.5	1552.8
12.5°	1170.5	1132.7	1109.2	1109.2	1146.9	1175.2	1161.1	1184.7	1236.6	1250.7	1283.8
15°	948.7	915.6	896.8	873.2	910.9	920.4	934.5	967.6	1005.3	1024.2	1062.0
17.5°	759.9	759.9	759.9	741.0	755.2	769.3	774.0	816.5	821.2	840.1	854.3
20°	623.0	637.2	660.8	670.2	684.4	684.4	674.9	698.5	679.6	693.8	703.2
22.5°	561.7	580.5	590.0	594.7	613.6	618.3	594.7	599.4	604.1	590.0	594.7
25°	528.6	538.1	528.6	533.3	538.1	528.6	533.3	542.8	538.1	547.5	542.8
27.5°	514.5	505.0	500.3	495.6	495.6	486.1	490.9	490.9	500.3	505.0	505.0
30°	514.5	500.3	481.4	467.3	467.3	453.1	462.5	472.0	476.7	486.1	486.1
32.5°	528.6	500.3	467.3	453.1	438.9	429.5	438.9	453.1	472.0	476.7	481.4
35°	420.1	434.2	429.5	410.6	405.9	405.9	401.2	401.2	387.0	387.0	382.3
37.5°	377.6	372.9	382.3	387.0	391.7	377.6	377.6	358.7	354.0	358.7	358.7
40°	354.0	354.0	354.0	368.1	372.9	363.4	349.3	339.8	339.8	339.8	344.5
42.5°	344.5	335.1	330.4	339.8	354.0	344.5	330.4	325.7	325.7	330.4	330.4
45°	330.4	325.7	320.9	316.2	335.1	320.9	316.2	311.5	311.5	311.5	316.2
47.5°	316.2	311.5	302.1	302.1	306.8	302.1	297.3	297.3	297.3	306.8	306.8
50°	306.8	302.1	292.6	292.6	292.6	292.6	287.9	287.9	287.9	292.6	297.3
52.5°	292.6	287.9	283.2	278.5	278.5	278.5	278.5	278.5	278.5	283.2	287.9
55°	278.5	273.7	269.0	269.0	273.7	273.7	269.0	273.7	269.0	273.7	278.5
57.5°	264.3	259.6	254.9	259.6	264.3	259.6	259.6	259.6	259.6	259.6	264.3
60°	245.4	245.4	245.4	245.4	254.9	254.9	254.9	254.9	245.4	250.1	254.9
62.5°	236.0	231.3	231.3	236.0	240.7	240.7	245.4	240.7	236.0	240.7	240.7
65°	217.1	217.1	217.1	221.8	221.8	226.5	226.5	226.5	221.8	226.5	226.5
67.5°	203.0	203.0	203.0	203.0	212.4	212.4	212.4	212.4	207.7	207.7	212.4
70°	179.4	184.1	179.4	188.8	198.2	193.5	198.2	198.2	193.5	188.8	198.2
72.5°	165.2	165.2	165.2	165.2	179.4	179.4	179.4	184.1	179.4	174.6	179.4
75°	146.3	146.3	146.3	151.0	160.5	160.5	160.5	160.5	160.5	155.8	155.8
77.5°	127.4	132.2	127.4	132.2	141.6	136.9	141.6	146.3	141.6	136.9	136.9
80°	108.6	108.6	108.6	113.3	118.0	118.0	118.0	122.7	118.0	113.3	113.3
82.5°	85.0	85.0	89.7	89.7	94.4	94.4	94.4	99.1	94.4	89.7	89.7
85°	66.1	66.1	66.1	70.8	70.8	75.5	75.5	80.2	80.2	75.5	75.5
87.5°	42.5	37.8	42.5	42.5	47.2	47.2	42.5	37.8	42.5	37.8	33.0
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: P599057
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2	3398.2
2.5°	3100.9	3185.9	3247.2	3289.7	3351.0	3469.0	3516.2	3601.2	3624.8	3639.0
5°	2666.7	2756.4	2888.5	2982.9	3091.5	3313.3	3483.2	3610.6	3667.3	3719.2
7.5°	2090.9	2208.9	2345.7	2468.4	2647.8	2921.5	3143.4	3407.7	3506.8	3558.7
10°	1633.0	1741.6	1892.6	2043.7	2293.8	2525.1	2841.3	3082.0	3218.9	3256.7
12.5°	1378.2	1505.6	1685.0	1869.0	2024.8	2289.1	2610.0	2959.3	3086.7	3110.3
15°	1170.5	1345.1	1529.2	1718.0	1897.4	2128.6	2473.2	2897.9	3086.7	3110.3
17.5°	967.6	1123.3	1340.4	1543.4	1751.0	2067.3	2496.8	2949.9	3138.7	3209.5
20°	769.3	920.4	1090.3	1345.1	1628.3	1963.4	2548.7	3124.5	3374.6	3450.2
22.5°	637.2	703.2	868.4	1113.9	1449.0	1892.6	2600.6	3398.2	3662.6	3690.9
25°	556.9	604.1	708.0	939.2	1307.4	1845.4	2723.3	3714.5	4054.3	4054.3
27.5°	519.2	538.1	608.9	816.5	1208.3	1803.0	2846.0	4063.7	4380.0	4446.0
30°	509.7	556.9	594.7	726.8	1099.7	1685.0	2959.3	4337.5	4663.2	4667.9
32.5°	500.3	490.9	519.2	632.5	967.6	1562.2	3053.7	4616.0	4870.8	4885.0
35°	391.7	410.6	457.8	556.9	868.4	1472.6	3100.9	4767.0	5135.1	5149.3
37.5°	368.1	391.7	429.5	514.5	802.4	1397.1	3115.1	5059.6	5413.6	5441.9
40°	358.7	377.6	405.9	476.7	750.4	1302.7	3143.4	5361.7	5824.2	5786.5
42.5°	339.8	363.4	391.7	457.8	708.0	1231.9	3148.1	5526.9	6041.3	6041.3
45°	335.1	349.3	382.3	457.8	660.8	1170.5	3072.6	5692.1	6291.5	6216.0
47.5°	316.2	344.5	372.9	443.7	604.1	1109.2	2982.9	5777.0	6324.5	6300.9
50°	311.5	339.8	387.0	420.1	571.1	1080.8	2964.0	5989.4	6390.6	6385.9
52.5°	302.1	330.4	401.2	401.2	528.6	1043.1	3053.7	6083.8	6404.8	6442.5
55°	287.9	330.4	372.9	368.1	490.9	995.9	3152.8	6329.2	6654.9	6645.5
57.5°	278.5	320.9	354.0	335.1	448.4	962.8	3299.1	6565.2	6957.0	6890.9
60°	264.3	320.9	316.2	311.5	415.3	934.5	3421.8	6612.4	7023.0	7065.5
62.5°	254.9	335.1	278.5	287.9	387.0	920.4	3369.9	6258.4	6933.4	6971.1
65°	245.4	287.9	254.9	264.3	377.6	892.0	3167.0	5833.7	6546.3	6711.5
67.5°	226.5	236.0	236.0	245.4	368.1	826.0	2751.6	5069.1	5956.4	6046.0
70°	207.7	212.4	212.4	226.5	358.7	750.4	2270.2	4384.7	5168.2	5338.1
72.5°	188.8	188.8	188.8	207.7	330.4	689.1	1869.0	3369.9	4295.0	4413.0
75°	165.2	165.2	165.2	184.1	297.3	627.7	1472.6	2506.2	3162.3	3332.2
77.5°	146.3	146.3	141.6	165.2	259.6	509.7	1062.0	1769.9	2227.7	2369.3
80°	122.7	118.0	118.0	132.2	203.0	368.1	684.4	1250.7	1552.8	1614.2
82.5°	99.1	94.4	89.7	99.1	146.3	231.3	424.8	873.2	995.9	958.1
85°	94.4	99.1	80.2	75.5	103.8	151.0	269.0	538.1	448.4	448.4
87.5°	37.8	33.0	33.0	28.3	51.9	56.6	118.0	99.1	75.5	75.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)