

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: P599051

Luminaire Tested: **IFLD-S-SA2A-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: P599051
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2A-827-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

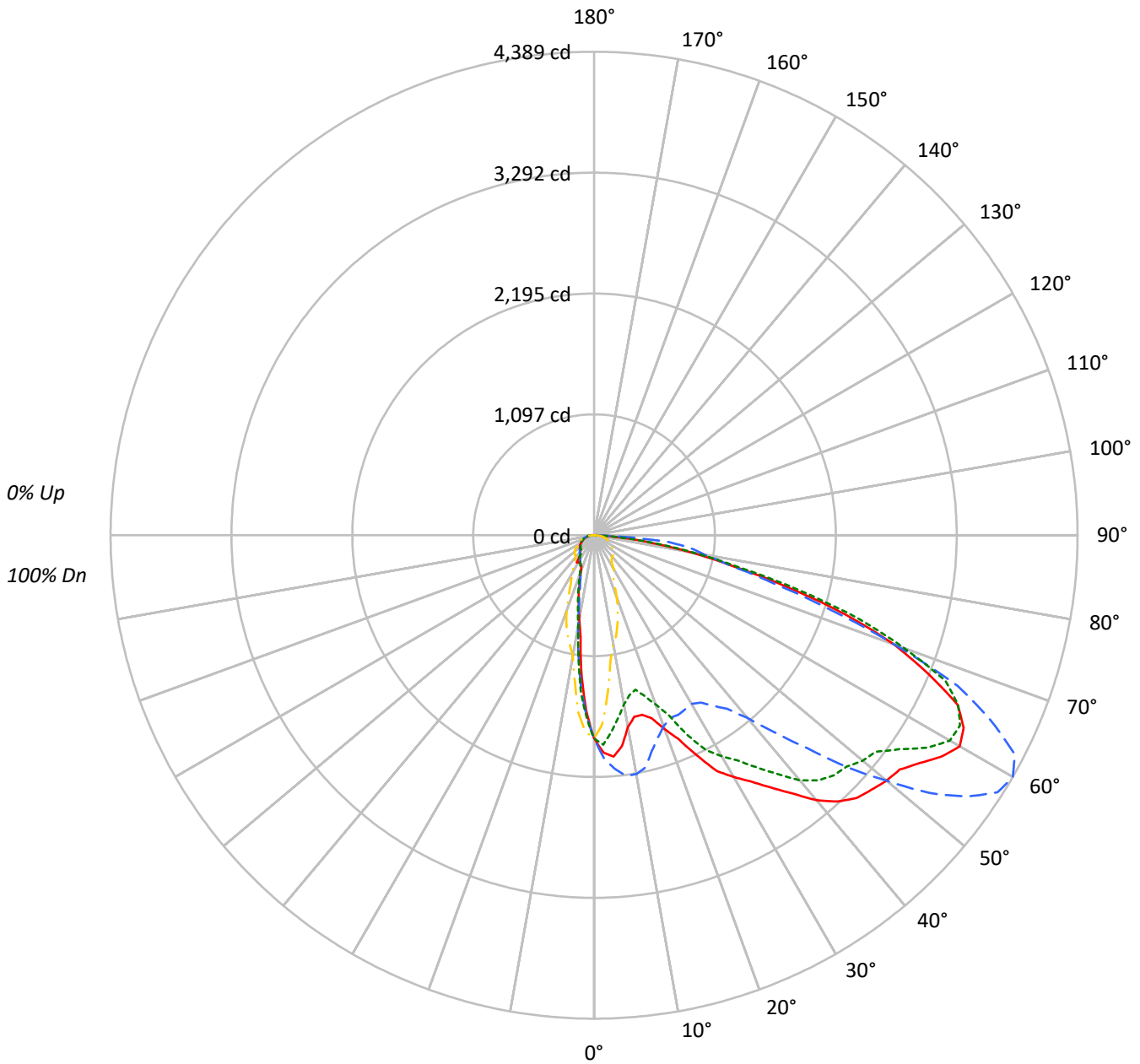
Lumens per Lamp: N/A
 Luminaire Lumens: 5772.7 lumens
 Efficiency: N/A
 Efficacy: 90.5 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 63.8
 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	100	100	100	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77	77	77	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60	60	60	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47	47	47	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38	38	38	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31	31	31	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26	26	26	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22	22	22	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19	19	19	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17	17	17	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15	15	15	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	39693	39693	39693	39693
5°	43607	38738	27780	30325
10°	38624	34091	16850	18080
15°	37612	32361	11928	12385
20°	42884	37429	7803	8623
25°	52250	47445	6812	7057
30°	62956	57547	7065	6558
35°	73423	67567	5855	5519
40°	88228	81607	5469	5182
45°	102679	93789	5535	5145
50°	116041	106606	5660	5318
55°	135328	127063	5863	5574
60°	165054	160533	5843	5843
65°	185490	185755	6001	6260
70°	182302	188748	6288	6445
75°	150376	160390	6604	7028
80°	108576	113969	7302	7624
85°	60096	64517	8225	10127

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.2	2.5
10°-20°	302.4	5.2
20°-30°	442.5	7.7
30°-40°	623.4	10.8
40°-50°	856.8	14.8
50°-60°	1167.7	20.2
60°-70°	1278.0	22.1
70°-80°	737.8	12.8
80°-90°	220.9	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°	888.1	15.4
0°-40°	1511.5	26.2
0°-60°	3536.0	61.3
0°-90°	5772.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5772.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1844	1844	1844	1844	1844	
5°	2018	1793	1286	1403	2018	183
15°	1688	1452	535	556	1688	493
25°	2200	1997	287	297	2200	1030
35°	2794	2571	223	210	2794	1772
45°	3373	3081	182	169	3373	2592
55°	3606	3385	156	148	3606	3253
65°	3641	3647	118	123	3641	3485
75°	1808	1928	79	84	1808	1942
85°	243	261	33	41	243	338
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°	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8
2.5°	1974.4	1966.7	1974.4	2002.5	2010.2	2023.0	2023.0	2005.1	1971.8	1956.4	1930.8
5°	2017.9	2005.1	2069.1	2128.0	2174.1	2169.0	2125.5	2089.6	2023.0	1923.2	1828.4
7.5°	1930.8	1943.6	1989.7	2143.4	2250.9	2271.4	2202.3	2130.6	1987.2	1848.9	1720.9
10°	1766.9	1784.9	1884.7	2043.5	2212.5	2245.8	2202.3	2115.2	1943.6	1772.1	1623.5
12.5°	1687.6	1728.5	1787.4	1979.5	2099.9	2179.2	2158.7	2102.4	1910.4	1708.0	1564.6
15°	1687.6	1697.8	1784.9	1946.2	2015.3	2017.9	2025.6	2035.8	1920.6	1736.2	1544.2
17.5°	1741.3	1769.5	1843.8	1943.6	1956.4	1925.7	1925.7	1969.3	1941.1	1815.6	1618.4
20°	1871.9	1861.7	1959.0	2000.0	1930.8	1854.0	1846.3	1920.6	1964.1	1900.1	1754.1
22.5°	2002.5	2048.6	2128.0	2035.8	1907.8	1805.4	1795.1	1887.3	2033.3	2046.1	1910.4
25°	2199.7	2245.8	2286.8	2174.1	1905.2	1792.6	1800.2	1871.9	2117.8	2253.5	2171.6
27.5°	2412.3	2440.4	2499.3	2325.2	1966.7	1777.2	1784.9	1892.4	2197.2	2389.2	2376.4
30°	2532.6	2563.4	2550.6	2353.4	2007.7	1787.4	1766.9	1920.6	2153.6	2389.2	2509.6
32.5°	2650.4	2632.5	2624.8	2399.5	2058.9	1851.5	1800.2	1979.5	2179.2	2427.6	2681.2
35°	2793.8	2768.2	2747.7	2489.1	2143.4	1912.9	1889.9	2056.3	2235.6	2507.0	2819.4
37.5°	2952.6	2952.6	2852.7	2555.7	2243.3	2012.8	1987.2	2166.4	2325.2	2555.7	3008.9
40°	3139.5	3147.2	2970.5	2645.3	2355.9	2171.6	2163.9	2309.8	2412.3	2627.4	3190.7
42.5°	3277.8	3282.9	3073.0	2678.6	2486.5	2391.8	2425.1	2540.3	2512.1	2691.4	3203.6
45°	3372.6	3347.0	3144.7	2773.3	2629.9	2722.1	2732.4	2765.7	2642.7	2729.8	3254.8
47.5°	3418.7	3413.5	3175.4	2883.5	2932.1	3057.6	3116.5	3070.4	2763.1	2688.8	3254.8
50°	3464.8	3421.2	3203.6	3034.5	3226.6	3480.1	3467.3	3382.8	2929.5	2740.0	3206.1
52.5°	3495.5	3457.1	3259.9	3170.3	3508.3	3795.1	3846.3	3690.1	3124.2	2834.8	3229.2
55°	3605.6	3574.9	3428.9	3354.6	3833.5	4128.0	4135.7	3918.0	3329.0	2991.0	3380.2
57.5°	3738.8	3756.7	3661.9	3615.8	4081.9	4371.3	4343.1	4087.0	3503.2	3180.5	3554.4
60°	3833.5	3861.7	3838.6	3843.8	4204.8	4453.2	4389.2	4192.0	3631.2	3323.9	3766.9
62.5°	3782.3	3838.6	3933.4	3912.9	4209.9	4394.3	4304.7	4053.7	3646.6	3510.8	3928.3
65°	3641.4	3646.6	3830.9	3943.6	3979.5	4089.6	3971.8	3764.4	3487.8	3626.1	3905.2
67.5°	3280.4	3321.3	3487.8	3708.0	3556.9	3582.6	3572.3	3272.7	3247.1	3546.7	3728.5
70°	2896.3	2924.4	3106.2	3364.9	3003.8	2883.5	2906.5	2683.7	2788.7	3300.9	3372.6
72.5°	2394.3	2412.3	2619.7	2847.6	2409.7	2194.6	2248.4	2066.6	2215.1	2888.6	2845.0
75°	1807.9	1841.2	2002.5	2271.4	1774.6	1636.3	1690.1	1615.9	1754.1	2379.0	2207.4
77.5°	1285.5	1259.9	1459.7	1777.2	1334.2	1252.2	1257.3	1270.2	1418.7	2005.1	1585.1
80°	875.8	883.5	1062.7	1303.4	1047.4	1034.6	1021.8	1124.2	1190.8	1587.7	1152.4
82.5°	519.8	519.8	717.0	927.0	827.1	932.1	873.2	965.4	932.1	1167.7	755.4
85°	243.3	243.3	368.8	668.4	640.2	768.2	653.0	729.8	688.9	814.3	340.6
87.5°	41.0	35.9	74.3	327.8	263.8	299.6	117.8	389.2	432.8	568.5	84.5
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°	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8
2.5°	1902.7	1884.7	1848.9	1802.8	1764.4	1715.7	1700.4	1667.1	1621.0	1615.9	1595.4
5°	1792.6	1731.1	1654.3	1559.5	1495.5	1428.9	1372.6	1339.3	1300.9	1295.8	1285.5
7.5°	1672.2	1595.4	1467.3	1354.7	1244.5	1139.6	1088.3	1024.3	980.8	947.5	932.1
10°	1559.5	1487.8	1329.1	1175.4	1078.1	1009.0	947.5	880.9	827.1	786.2	770.8
12.5°	1485.3	1400.8	1229.2	1083.2	1011.5	932.1	863.0	791.3	722.1	668.4	640.2
15°	1452.0	1372.6	1198.5	1037.1	932.1	822.0	742.6	670.9	586.4	548.0	535.2
17.5°	1531.4	1413.6	1188.2	983.3	834.8	709.3	612.0	535.2	473.7	435.3	420.0
20°	1633.8	1487.8	1206.1	919.3	742.6	601.8	494.2	412.3	371.3	343.1	340.6
22.5°	1764.4	1597.9	1234.3	873.2	640.2	484.0	386.7	338.0	309.9	307.3	302.2
25°	1997.4	1797.7	1280.4	811.8	558.3	399.5	330.3	302.2	289.4	281.7	286.8
27.5°	2197.2	1928.3	1313.7	773.4	525.0	376.4	320.1	289.4	276.6	274.0	276.6
30°	2315.0	2048.6	1303.4	701.7	458.4	358.5	340.6	330.3	304.7	284.2	284.2
32.5°	2422.5	2125.5	1300.9	637.6	391.8	299.6	284.2	276.6	291.9	302.2	294.5
35°	2571.0	2245.8	1293.2	601.8	363.6	276.6	251.0	230.5	220.2	215.1	222.8
37.5°	2729.8	2327.8	1272.7	596.7	348.3	263.8	243.3	222.8	212.5	207.4	204.9
40°	2903.9	2414.8	1249.7	571.1	340.6	256.1	235.6	217.7	204.9	197.2	194.6
42.5°	3016.6	2484.0	1226.6	558.3	325.2	251.0	227.9	212.5	199.7	189.5	189.5
45°	3080.6	2565.9	1203.6	545.4	307.3	253.5	227.9	207.4	192.1	186.9	181.8
47.5°	3108.8	2627.4	1195.9	525.0	291.9	243.3	222.8	202.3	186.9	176.7	174.1
50°	3183.1	2758.0	1224.1	509.6	274.0	233.0	235.6	199.7	184.4	171.6	169.0
52.5°	3226.6	2863.0	1285.5	486.6	261.2	220.2	230.5	194.6	176.7	163.9	163.9
55°	3385.4	3037.1	1352.1	468.6	245.8	202.3	212.5	184.4	163.9	156.2	156.2
57.5°	3587.7	3221.5	1408.4	460.9	235.6	189.5	189.5	179.3	156.2	146.0	143.4
60°	3728.5	3372.6	1441.7	455.8	225.3	176.7	169.0	179.3	148.5	138.3	135.7
62.5°	3743.9	3285.5	1408.4	453.3	222.8	163.9	153.6	171.6	140.8	130.6	125.5
65°	3646.6	3108.8	1316.2	443.0	220.2	151.1	143.4	148.5	130.6	122.9	117.8
67.5°	3451.9	2822.0	1183.1	437.9	217.7	140.8	130.6	128.0	120.4	112.7	107.6
70°	2998.7	2448.1	1026.9	414.8	212.5	133.2	117.8	115.2	107.6	102.4	99.9
72.5°	2517.3	2002.5	847.6	384.1	202.3	120.4	107.6	102.4	99.9	92.2	89.6
75°	1928.3	1541.6	678.6	340.6	176.7	107.6	94.7	89.6	87.1	81.9	79.4
77.5°	1354.7	1147.2	501.9	276.6	148.5	97.3	84.5	79.4	76.8	69.1	69.1
80°	919.3	804.1	340.6	192.1	115.2	79.4	74.3	69.1	64.0	58.9	58.9
82.5°	571.1	563.4	245.8	125.5	84.5	64.0	58.9	58.9	51.2	46.1	46.1
85°	261.2	345.7	171.6	87.1	64.0	48.7	48.7	46.1	41.0	33.3	33.3
87.5°	81.9	115.2	89.6	38.4	35.9	28.2	28.2	25.6	25.6	20.5	20.5
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°	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8
2.5°	1615.9	1613.3	1613.3	1603.1	1628.7	1628.7	1644.0	1631.2	1638.9	1641.5	1662.0
5°	1283.0	1303.4	1318.8	1349.5	1367.5	1375.1	1375.1	1395.6	1388.0	1403.3	1434.0
7.5°	939.8	965.4	1011.5	1049.9	1080.7	1090.9	1088.3	1093.5	1101.1	1083.2	1088.3
10°	760.6	742.6	758.0	793.8	822.0	855.3	829.7	827.1	834.8	827.1	842.5
12.5°	635.1	614.6	601.8	601.8	622.3	637.6	630.0	642.8	670.9	678.6	696.5
15°	514.7	496.8	486.6	473.7	494.2	499.4	507.0	525.0	545.4	555.7	576.2
17.5°	412.3	412.3	412.3	402.0	409.7	417.4	420.0	443.0	445.6	455.8	463.5
20°	338.0	345.7	358.5	363.6	371.3	371.3	366.2	379.0	368.8	376.4	381.6
22.5°	304.7	315.0	320.1	322.7	332.9	335.5	322.7	325.2	327.8	320.1	322.7
25°	286.8	291.9	286.8	289.4	291.9	286.8	289.4	294.5	291.9	297.1	294.5
27.5°	279.1	274.0	271.4	268.9	268.9	263.8	266.3	266.3	271.4	274.0	274.0
30°	279.1	271.4	261.2	253.5	253.5	245.8	251.0	256.1	258.6	263.8	263.8
32.5°	286.8	271.4	253.5	245.8	238.2	233.0	238.2	245.8	256.1	258.6	261.2
35°	227.9	235.6	233.0	222.8	220.2	220.2	217.7	217.7	210.0	210.0	207.4
37.5°	204.9	202.3	207.4	210.0	212.5	204.9	204.9	194.6	192.1	194.6	194.6
40°	192.1	192.1	192.1	199.7	202.3	197.2	189.5	184.4	184.4	184.4	186.9
42.5°	186.9	181.8	179.3	184.4	192.1	186.9	179.3	176.7	176.7	179.3	179.3
45°	179.3	176.7	174.1	171.6	181.8	174.1	171.6	169.0	169.0	169.0	171.6
47.5°	171.6	169.0	163.9	163.9	166.5	163.9	161.3	161.3	161.3	166.5	166.5
50°	166.5	163.9	158.8	158.8	158.8	158.8	156.2	156.2	156.2	158.8	161.3
52.5°	158.8	156.2	153.6	151.1	151.1	151.1	151.1	151.1	151.1	153.6	156.2
55°	151.1	148.5	146.0	146.0	148.5	148.5	146.0	148.5	146.0	148.5	151.1
57.5°	143.4	140.8	138.3	140.8	143.4	140.8	140.8	140.8	140.8	140.8	143.4
60°	133.2	133.2	133.2	133.2	138.3	138.3	138.3	138.3	133.2	135.7	138.3
62.5°	128.0	125.5	125.5	128.0	130.6	130.6	133.2	130.6	128.0	130.6	130.6
65°	117.8	117.8	117.8	120.4	120.4	122.9	122.9	122.9	120.4	122.9	122.9
67.5°	110.1	110.1	110.1	110.1	115.2	115.2	115.2	115.2	112.7	112.7	115.2
70°	97.3	99.9	97.3	102.4	107.6	105.0	107.6	107.6	105.0	102.4	107.6
72.5°	89.6	89.6	89.6	89.6	97.3	97.3	97.3	99.9	97.3	94.7	97.3
75°	79.4	79.4	79.4	81.9	87.1	87.1	87.1	87.1	87.1	84.5	84.5
77.5°	69.1	71.7	69.1	71.7	76.8	74.3	76.8	79.4	76.8	74.3	74.3
80°	58.9	58.9	58.9	61.5	64.0	64.0	64.0	66.6	64.0	61.5	61.5
82.5°	46.1	46.1	48.7	48.7	51.2	51.2	51.2	53.8	51.2	48.7	48.7
85°	35.9	35.9	35.9	38.4	38.4	41.0	41.0	43.5	43.5	41.0	41.0
87.5°	23.0	20.5	23.0	23.0	25.6	25.6	23.0	20.5	23.0	20.5	17.9
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: P599051
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8
2.5°	1682.4	1728.5	1761.8	1784.9	1818.2	1882.2	1907.8	1953.9	1966.7	1974.4
5°	1446.8	1495.5	1567.2	1618.4	1677.3	1797.7	1889.9	1959.0	1989.7	2017.9
7.5°	1134.4	1198.5	1272.7	1339.3	1436.6	1585.1	1705.5	1848.9	1902.7	1930.8
10°	886.0	944.9	1026.9	1108.8	1244.5	1370.0	1541.6	1672.2	1746.5	1766.9
12.5°	747.8	816.9	914.2	1014.1	1098.6	1242.0	1416.1	1605.6	1674.8	1687.6
15°	635.1	729.8	829.7	932.1	1029.4	1154.9	1341.9	1572.3	1674.8	1687.6
17.5°	525.0	609.5	727.3	837.4	950.1	1121.6	1354.7	1600.5	1702.9	1741.3
20°	417.4	499.4	591.5	729.8	883.5	1065.3	1382.8	1695.2	1831.0	1871.9
22.5°	345.7	381.6	471.2	604.3	786.2	1026.9	1411.0	1843.8	1987.2	2002.5
25°	302.2	327.8	384.1	509.6	709.3	1001.3	1477.6	2015.3	2199.7	2199.7
27.5°	281.7	291.9	330.3	443.0	655.6	978.2	1544.2	2204.8	2376.4	2412.3
30°	276.6	302.2	322.7	394.4	596.7	914.2	1605.6	2353.4	2530.1	2532.6
32.5°	271.4	266.3	281.7	343.1	525.0	847.6	1656.8	2504.5	2642.7	2650.4
35°	212.5	222.8	248.4	302.2	471.2	799.0	1682.4	2586.4	2786.1	2793.8
37.5°	199.7	212.5	233.0	279.1	435.3	758.0	1690.1	2745.2	2937.2	2952.6
40°	194.6	204.9	220.2	258.6	407.2	706.8	1705.5	2909.1	3160.0	3139.5
42.5°	184.4	197.2	212.5	248.4	384.1	668.4	1708.0	2998.7	3277.8	3277.8
45°	181.8	189.5	207.4	248.4	358.5	635.1	1667.1	3088.3	3413.5	3372.6
47.5°	171.6	186.9	202.3	240.7	327.8	601.8	1618.4	3134.4	3431.5	3418.7
50°	169.0	184.4	210.0	227.9	309.9	586.4	1608.2	3249.6	3467.3	3464.8
52.5°	163.9	179.3	217.7	217.7	286.8	565.9	1656.8	3300.9	3475.0	3495.5
55°	156.2	179.3	202.3	199.7	266.3	540.3	1710.6	3434.0	3610.7	3605.6
57.5°	151.1	174.1	192.1	181.8	243.3	522.4	1790.0	3562.1	3774.6	3738.8
60°	143.4	174.1	171.6	169.0	225.3	507.0	1856.6	3587.7	3810.5	3833.5
62.5°	138.3	181.8	151.1	156.2	210.0	499.4	1828.4	3395.6	3761.8	3782.3
65°	133.2	156.2	138.3	143.4	204.9	484.0	1718.3	3165.1	3551.8	3641.4
67.5°	122.9	128.0	128.0	133.2	199.7	448.1	1492.9	2750.3	3231.7	3280.4
70°	112.7	115.2	115.2	122.9	194.6	407.2	1231.7	2379.0	2804.1	2896.3
72.5°	102.4	102.4	102.4	112.7	179.3	373.9	1014.1	1828.4	2330.3	2394.3
75°	89.6	89.6	89.6	99.9	161.3	340.6	799.0	1359.8	1715.7	1807.9
77.5°	79.4	79.4	76.8	89.6	140.8	276.6	576.2	960.3	1208.7	1285.5
80°	66.6	64.0	64.0	71.7	110.1	199.7	371.3	678.6	842.5	875.8
82.5°	53.8	51.2	48.7	53.8	79.4	125.5	230.5	473.7	540.3	519.8
85°	51.2	53.8	43.5	41.0	56.3	81.9	146.0	291.9	243.3	243.3
87.5°	20.5	17.9	17.9	15.4	28.2	30.7	64.0	53.8	41.0	41.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)