

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: P599027

Luminaire Tested: **IFLD-S-SA3A-760-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599027
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3A-760-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (48) 5700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

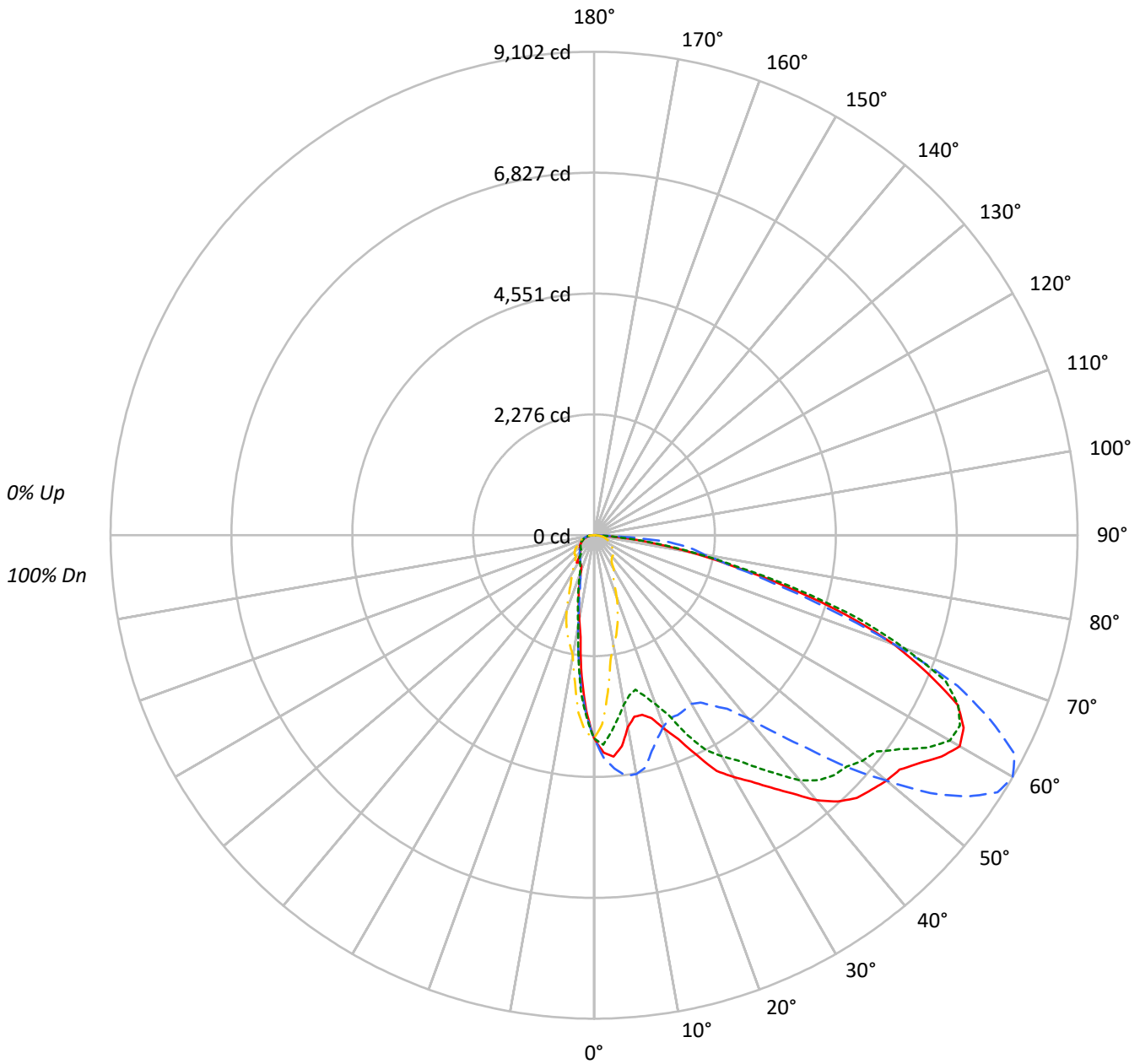
Lumens per Lamp: N/A
 Luminaire Lumens: 11971.1 lumens
 Efficiency: N/A
 Efficacy: 126.3 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 94.8
 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	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°	54874	54874	54874	54874
5°	60286	53554	38405	41925
10°	53399	47130	23294	24998
15°	51998	44738	16491	17123
20°	59288	51745	10787	11922
25°	72235	65592	9419	9755
30°	87037	79556	9769	9065
35°	101506	93412	8094	7630
40°	121975	112823	7561	7162
45°	141951	129663	7652	7114
50°	160424	147380	7826	7350
55°	187088	175660	8105	7707
60°	228186	221935	8080	8080
65°	256441	256801	8296	8656
70°	252029	260941	8690	8913
75°	207893	221734	9127	9715
80°	150108	157562	10091	10530
85°	83076	89201	11362	13997

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	297.0	2.5
10°-20°	627.1	5.2
20°-30°	917.6	7.7
30°-40°	1292.8	10.8
40°-50°	1776.7	14.8
50°-60°	2421.4	20.2
60°-70°	2650.2	22.1
70°-80°	1530.0	12.8
80°-90°	458.2	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°	1841.7	15.4
0°-40°	3134.5	26.2
0°-60°	7332.7	61.3
0°-90°	11971.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11971.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3824	3824	3824	3824	3824	
5°	4185	3717	2666	2910	4185	380
15°	3500	3011	1110	1152	3500	1022
25°	4562	4142	595	616	4562	2136
35°	5794	5332	462	436	5794	3674
45°	6994	6388	377	350	6994	5375
55°	7477	7020	324	308	7477	6746
65°	7551	7562	244	255	7551	7228
75°	3749	3999	165	175	3749	4027
85°	504	542	69	85	504	700
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°	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5
2.5°	4094.3	4078.4	4094.3	4152.7	4168.7	4195.2	4195.2	4158.0	4089.0	4057.1	4004.0
5°	4184.6	4158.0	4290.8	4412.9	4508.5	4497.9	4407.6	4333.3	4195.2	3988.1	3791.6
7.5°	4004.0	4030.6	4126.2	4444.8	4667.8	4710.3	4566.9	4418.3	4120.9	3834.1	3568.6
10°	3664.2	3701.3	3908.5	4237.7	4588.2	4657.2	4566.9	4386.4	4030.6	3674.8	3366.8
12.5°	3499.6	3584.5	3706.7	4104.9	4354.5	4519.1	4476.7	4359.8	3961.6	3542.0	3244.7
15°	3499.6	3520.8	3701.3	4035.9	4179.3	4184.6	4200.5	4221.8	3982.8	3600.4	3202.2
17.5°	3611.1	3669.5	3823.5	4030.6	4057.1	3993.4	3993.4	4083.7	4025.3	3765.1	3356.2
20°	3881.9	3860.7	4062.5	4147.4	4004.0	3844.7	3828.8	3982.8	4073.1	3940.3	3637.6
22.5°	4152.7	4248.3	4412.9	4221.8	3956.2	3743.8	3722.6	3913.8	4216.5	4243.0	3961.6
25°	4561.6	4657.2	4742.2	4508.5	3950.9	3717.3	3733.2	3881.9	4391.7	4673.2	4503.2
27.5°	5002.4	5060.8	5182.9	4821.8	4078.4	3685.4	3701.3	3924.4	4556.3	4954.6	4928.0
30°	5252.0	5315.7	5289.2	4880.3	4163.4	3706.7	3664.2	3982.8	4466.0	4954.6	5204.2
32.5°	5496.3	5459.1	5443.2	4975.8	4269.6	3839.4	3733.2	4104.9	4519.1	5034.3	5560.0
35°	5793.6	5740.5	5698.1	5161.7	4444.8	3966.9	3919.1	4264.2	4636.0	5198.9	5846.7
37.5°	6122.9	6122.9	5915.8	5299.8	4651.9	4174.0	4120.9	4492.6	4821.8	5299.8	6239.7
40°	6510.5	6526.5	6160.1	5485.6	4885.6	4503.2	4487.3	4790.0	5002.4	5448.5	6616.8
42.5°	6797.3	6807.9	6372.5	5554.7	5156.4	4959.9	5028.9	5267.9	5209.5	5581.2	6643.3
45°	6993.8	6940.7	6521.2	5751.2	5453.8	5645.0	5666.2	5735.2	5480.3	5660.9	6749.5
47.5°	7089.4	7078.8	6584.9	5979.5	6080.4	6340.6	6462.8	6367.2	5729.9	5575.9	6749.5
50°	7185.0	7094.7	6643.3	6292.8	6691.1	7216.8	7190.3	7015.0	6075.1	5682.1	6648.6
52.5°	7248.7	7169.0	6760.1	6574.3	7275.2	7870.0	7976.2	7652.3	6478.7	5878.6	6696.4
55°	7477.0	7413.3	7110.6	6956.6	7949.7	8560.4	8576.3	8124.9	6903.5	6202.5	7009.7
57.5°	7753.2	7790.4	7593.9	7498.3	8464.8	9064.8	9006.4	8475.4	7264.6	6595.5	7370.8
60°	7949.7	8008.1	7960.3	7970.9	8719.7	9234.8	9102.0	8693.1	7530.1	6892.9	7811.6
62.5°	7843.5	7960.3	8156.8	8114.3	8730.3	9112.6	8926.8	8406.4	7562.0	7280.6	8146.2
65°	7551.4	7562.0	7944.4	8178.0	8252.4	8480.7	8236.4	7806.3	7232.8	7519.5	8098.4
67.5°	6802.6	6887.6	7232.8	7689.5	7376.1	7429.2	7408.0	6786.7	6733.6	7354.9	7731.9
70°	6006.1	6064.5	6441.5	6977.9	6229.1	5979.5	6027.3	5565.3	5783.0	6845.1	6993.8
72.5°	4965.2	5002.4	5432.5	5905.2	4997.1	4551.0	4662.5	4285.5	4593.5	5990.1	5899.9
75°	3749.1	3818.2	4152.7	4710.3	3680.1	3393.3	3504.9	3350.9	3637.6	4933.4	4577.6
77.5°	2665.8	2612.7	3026.9	3685.4	2766.7	2596.8	2607.4	2634.0	2942.0	4158.0	3287.1
80°	1816.2	1832.1	2203.8	2703.0	2172.0	2145.4	2118.8	2331.3	2469.3	3292.4	2389.7
82.5°	1078.0	1078.0	1486.9	1922.4	1715.3	1933.0	1810.8	2002.0	1933.0	2421.5	1566.6
85°	504.5	504.5	764.7	1386.0	1327.6	1593.1	1354.2	1513.5	1428.5	1688.7	706.3
87.5°	85.0	74.3	154.0	679.7	547.0	621.3	244.3	807.2	897.5	1178.9	175.2
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°	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5
2.5°	3945.6	3908.5	3834.1	3738.5	3658.9	3558.0	3526.1	3457.1	3361.5	3350.9	3308.4
5°	3717.3	3589.8	3430.5	3234.0	3101.3	2963.2	2846.4	2777.3	2697.7	2687.1	2665.8
7.5°	3467.7	3308.4	3042.9	2809.2	2580.9	2363.1	2256.9	2124.2	2033.9	1964.8	1933.0
10°	3234.0	3085.3	2756.1	2437.5	2235.7	2092.3	1964.8	1826.8	1715.3	1630.3	1598.4
12.5°	3080.0	2904.8	2549.0	2246.3	2097.6	1933.0	1789.6	1640.9	1497.5	1386.0	1327.6
15°	3011.0	2846.4	2485.3	2150.7	1933.0	1704.6	1540.0	1391.3	1216.1	1136.4	1109.9
17.5°	3175.6	2931.3	2464.0	2039.2	1731.2	1471.0	1269.2	1109.9	982.4	902.8	870.9
20°	3388.0	3085.3	2501.2	1906.4	1540.0	1247.9	1024.9	855.0	770.0	711.6	706.3
22.5°	3658.9	3313.7	2559.6	1810.8	1327.6	1003.7	801.9	701.0	642.6	637.2	626.6
25°	4142.1	3727.9	2655.2	1683.4	1157.7	828.4	685.0	626.6	600.1	584.1	594.8
27.5°	4556.3	3998.7	2724.2	1603.7	1088.6	780.6	663.8	600.1	573.5	568.2	573.5
30°	4800.6	4248.3	2703.0	1455.0	950.6	743.5	706.3	685.0	631.9	589.5	589.5
32.5°	5023.6	4407.6	2697.7	1322.3	812.5	621.3	589.5	573.5	605.4	626.6	610.7
35°	5331.6	4657.2	2681.8	1247.9	754.1	573.5	520.4	477.9	456.7	446.1	462.0
37.5°	5660.9	4827.2	2639.3	1237.3	722.2	547.0	504.5	462.0	440.8	430.1	424.8
40°	6022.0	5007.7	2591.5	1184.2	706.3	531.0	488.6	451.4	424.8	408.9	403.6
42.5°	6255.6	5151.1	2543.7	1157.7	674.4	520.4	472.6	440.8	414.2	393.0	393.0
45°	6388.4	5321.0	2495.9	1131.1	637.2	525.7	472.6	430.1	398.3	387.7	377.0
47.5°	6446.8	5448.5	2480.0	1088.6	605.4	504.5	462.0	419.5	387.7	366.4	361.1
50°	6600.8	5719.3	2538.4	1056.8	568.2	483.2	488.6	414.2	382.3	355.8	350.5
52.5°	6691.1	5937.0	2665.8	1009.0	541.7	456.7	477.9	403.6	366.4	339.9	339.9
55°	7020.3	6298.1	2803.9	971.8	509.8	419.5	440.8	382.3	339.9	323.9	323.9
57.5°	7439.9	6680.5	2920.7	955.9	488.6	393.0	393.0	371.7	323.9	302.7	297.4
60°	7731.9	6993.8	2989.8	945.3	467.3	366.4	350.5	371.7	308.0	286.8	281.5
62.5°	7763.8	6813.2	2920.7	939.9	462.0	339.9	318.6	355.8	292.1	270.8	260.2
65°	7562.0	6446.8	2729.5	918.7	456.7	313.3	297.4	308.0	270.8	254.9	244.3
67.5°	7158.4	5852.1	2453.4	908.1	451.4	292.1	270.8	265.5	249.6	233.7	223.0
70°	6218.5	5076.7	2129.5	860.3	440.8	276.1	244.3	239.0	223.0	212.4	207.1
72.5°	5220.1	4152.7	1757.7	796.6	419.5	249.6	223.0	212.4	207.1	191.2	185.9
75°	3998.7	3196.9	1407.3	706.3	366.4	223.0	196.5	185.9	180.6	169.9	164.6
77.5°	2809.2	2379.1	1040.8	573.5	308.0	201.8	175.2	164.6	159.3	143.4	143.4
80°	1906.4	1667.5	706.3	398.3	239.0	164.6	154.0	143.4	132.8	122.1	122.1
82.5°	1184.2	1168.3	509.8	260.2	175.2	132.8	122.1	122.1	106.2	95.6	95.6
85°	541.7	716.9	355.8	180.6	132.8	100.9	100.9	95.6	85.0	69.0	69.0
87.5°	169.9	239.0	185.9	79.7	74.3	58.4	58.4	53.1	53.1	42.5	42.5
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°	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5
2.5°	3350.9	3345.6	3345.6	3324.3	3377.4	3377.4	3409.3	3382.7	3398.7	3404.0	3446.4
5°	2660.5	2703.0	2734.9	2798.6	2835.8	2851.7	2851.7	2894.2	2878.2	2910.1	2973.8
7.5°	1948.9	2002.0	2097.6	2177.3	2241.0	2262.2	2256.9	2267.5	2283.5	2246.3	2256.9
10°	1577.2	1540.0	1571.9	1646.2	1704.6	1773.7	1720.6	1715.3	1731.2	1715.3	1747.1
12.5°	1317.0	1274.5	1247.9	1247.9	1290.4	1322.3	1306.4	1332.9	1391.3	1407.3	1444.4
15°	1067.4	1030.2	1009.0	982.4	1024.9	1035.5	1051.5	1088.6	1131.1	1152.4	1194.8
17.5°	855.0	855.0	855.0	833.7	849.7	865.6	870.9	918.7	924.0	945.3	961.2
20°	701.0	716.9	743.5	754.1	770.0	770.0	759.4	785.9	764.7	780.6	791.2
22.5°	631.9	653.2	663.8	669.1	690.4	695.7	669.1	674.4	679.7	663.8	669.1
25°	594.8	605.4	594.8	600.1	605.4	594.8	600.1	610.7	605.4	616.0	610.7
27.5°	578.8	568.2	562.9	557.6	557.6	547.0	552.3	552.3	562.9	568.2	568.2
30°	578.8	562.9	541.7	525.7	525.7	509.8	520.4	531.0	536.4	547.0	547.0
32.5°	594.8	562.9	525.7	509.8	493.9	483.2	493.9	509.8	531.0	536.4	541.7
35°	472.6	488.6	483.2	462.0	456.7	456.7	451.4	451.4	435.5	435.5	430.1
37.5°	424.8	419.5	430.1	435.5	440.8	424.8	424.8	403.6	398.3	403.6	403.6
40°	398.3	398.3	398.3	414.2	419.5	408.9	393.0	382.3	382.3	382.3	387.7
42.5°	387.7	377.0	371.7	382.3	398.3	387.7	371.7	366.4	366.4	371.7	371.7
45°	371.7	366.4	361.1	355.8	377.0	361.1	355.8	350.5	350.5	350.5	355.8
47.5°	355.8	350.5	339.9	339.9	345.2	339.9	334.6	334.6	334.6	345.2	345.2
50°	345.2	339.9	329.2	329.2	329.2	329.2	323.9	323.9	323.9	329.2	334.6
52.5°	329.2	323.9	318.6	313.3	313.3	313.3	313.3	313.3	313.3	318.6	323.9
55°	313.3	308.0	302.7	302.7	308.0	308.0	302.7	308.0	302.7	308.0	313.3
57.5°	297.4	292.1	286.8	292.1	297.4	292.1	292.1	292.1	292.1	292.1	297.4
60°	276.1	276.1	276.1	276.1	286.8	286.8	286.8	286.8	276.1	281.5	286.8
62.5°	265.5	260.2	260.2	265.5	270.8	270.8	276.1	270.8	265.5	270.8	270.8
65°	244.3	244.3	244.3	249.6	249.6	254.9	254.9	254.9	249.6	254.9	254.9
67.5°	228.3	228.3	228.3	228.3	239.0	239.0	239.0	239.0	233.7	233.7	239.0
70°	201.8	207.1	201.8	212.4	223.0	217.7	223.0	223.0	217.7	212.4	223.0
72.5°	185.9	185.9	185.9	185.9	201.8	201.8	201.8	207.1	201.8	196.5	201.8
75°	164.6	164.6	164.6	169.9	180.6	180.6	180.6	180.6	180.6	175.2	175.2
77.5°	143.4	148.7	143.4	148.7	159.3	154.0	159.3	164.6	159.3	154.0	154.0
80°	122.1	122.1	122.1	127.4	132.8	132.8	132.8	138.1	132.8	127.4	127.4
82.5°	95.6	95.6	100.9	100.9	106.2	106.2	106.2	111.5	106.2	100.9	100.9
85°	74.3	74.3	74.3	79.7	79.7	85.0	85.0	90.3	90.3	85.0	85.0
87.5°	47.8	42.5	47.8	47.8	53.1	53.1	47.8	42.5	47.8	42.5	37.2
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: P599027
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5	3823.5
2.5°	3488.9	3584.5	3653.6	3701.3	3770.4	3903.1	3956.2	4051.8	4078.4	4094.3
5°	3000.4	3101.3	3250.0	3356.2	3478.3	3727.9	3919.1	4062.5	4126.2	4184.6
7.5°	2352.5	2485.3	2639.3	2777.3	2979.1	3287.1	3536.7	3834.1	3945.6	4004.0
10°	1837.4	1959.5	2129.5	2299.4	2580.9	2841.1	3196.9	3467.7	3621.7	3664.2
12.5°	1550.6	1694.0	1895.8	2102.9	2278.2	2575.5	2936.7	3329.6	3473.0	3499.6
15°	1317.0	1513.5	1720.6	1933.0	2134.8	2395.0	2782.6	3260.6	3473.0	3499.6
17.5°	1088.6	1263.9	1508.2	1736.5	1970.2	2326.0	2809.2	3319.0	3531.4	3611.1
20°	865.6	1035.5	1226.7	1513.5	1832.1	2209.1	2867.6	3515.5	3796.9	3881.9
22.5°	716.9	791.2	977.1	1253.3	1630.3	2129.5	2926.0	3823.5	4120.9	4152.7
25°	626.6	679.7	796.6	1056.8	1471.0	2076.4	3064.1	4179.3	4561.6	4561.6
27.5°	584.1	605.4	685.0	918.7	1359.5	2028.6	3202.2	4572.3	4928.0	5002.4
30°	573.5	626.6	669.1	817.8	1237.3	1895.8	3329.6	4880.3	5246.7	5252.0
32.5°	562.9	552.3	584.1	711.6	1088.6	1757.7	3435.8	5193.6	5480.3	5496.3
35°	440.8	462.0	515.1	626.6	977.1	1656.8	3488.9	5363.5	5777.7	5793.6
37.5°	414.2	440.8	483.2	578.8	902.8	1571.9	3504.9	5692.7	6091.0	6122.9
40°	403.6	424.8	456.7	536.4	844.4	1465.7	3536.7	6032.6	6553.0	6510.5
42.5°	382.3	408.9	440.8	515.1	796.6	1386.0	3542.0	6218.5	6797.3	6797.3
45°	377.0	393.0	430.1	515.1	743.5	1317.0	3457.1	6404.3	7078.8	6993.8
47.5°	355.8	387.7	419.5	499.2	679.7	1247.9	3356.2	6499.9	7115.9	7089.4
50°	350.5	382.3	435.5	472.6	642.6	1216.1	3334.9	6738.9	7190.3	7185.0
52.5°	339.9	371.7	451.4	451.4	594.8	1173.6	3435.8	6845.1	7206.2	7248.7
55°	323.9	371.7	419.5	414.2	552.3	1120.5	3547.3	7121.2	7487.7	7477.0
57.5°	313.3	361.1	398.3	377.0	504.5	1083.3	3712.0	7386.8	7827.5	7753.2
60°	297.4	361.1	355.8	350.5	467.3	1051.5	3850.0	7439.9	7901.9	7949.7
62.5°	286.8	377.0	313.3	323.9	435.5	1035.5	3791.6	7041.6	7801.0	7843.5
65°	276.1	323.9	286.8	297.4	424.8	1003.7	3563.3	6563.7	7365.5	7551.4
67.5°	254.9	265.5	265.5	276.1	414.2	929.3	3096.0	5703.4	6701.7	6802.6
70°	233.7	239.0	239.0	254.9	403.6	844.4	2554.3	4933.4	5814.9	6006.1
72.5°	212.4	212.4	212.4	233.7	371.7	775.3	2102.9	3791.6	4832.5	4965.2
75°	185.9	185.9	185.9	207.1	334.6	706.3	1656.8	2819.8	3558.0	3749.1
77.5°	164.6	164.6	159.3	185.9	292.1	573.5	1194.8	1991.4	2506.5	2665.8
80°	138.1	132.8	132.8	148.7	228.3	414.2	770.0	1407.3	1747.1	1816.2
82.5°	111.5	106.2	100.9	111.5	164.6	260.2	477.9	982.4	1120.5	1078.0
85°	106.2	111.5	90.3	85.0	116.8	169.9	302.7	605.4	504.5	504.5
87.5°	42.5	37.2	37.2	31.9	58.4	63.7	132.8	111.5	85.0	85.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)