

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: P599055

Luminaire Tested: **IFLD-S-SA2E-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: P599055
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2E-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

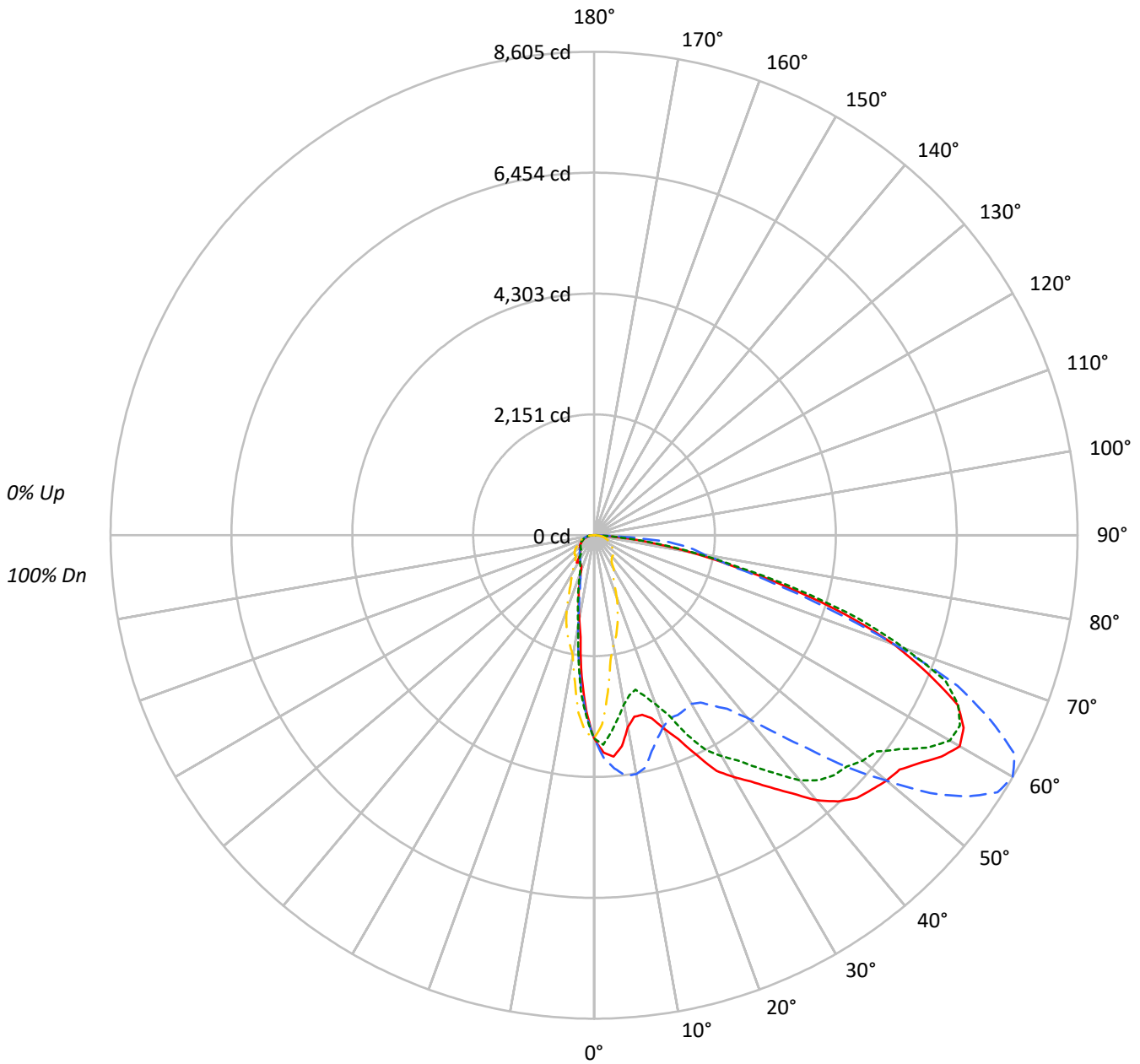
Lumens per Lamp: N/A
 Luminaire Lumens: 11317.1 lumens
 Efficiency: N/A
 Efficacy: 72.5 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 156.2
 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	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°	77814	77814	77814	77814
5°	85489	75942	54462	59451
10°	75723	66835	33033	35448
15°	73735	63441	23384	24280
20°	84075	73379	15297	16907
25°	102436	93016	13356	13834
30°	123423	112816	13853	12854
35°	143944	132465	11479	10820
40°	172969	159988	10721	10159
45°	201296	183872	10851	10086
50°	227490	208996	11096	10426
55°	265303	249100	11492	10930
60°	323581	314720	11457	11457
65°	363650	364159	11762	12276
70°	357391	370030	12324	12639
75°	294805	314435	12942	13782
80°	212863	223438	14319	14939
85°	117796	126491	16129	19834

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	280.8	2.5
10°-20°	592.9	5.2
20°-30°	867.4	7.7
30°-40°	1222.2	10.8
40°-50°	1679.6	14.8
50°-60°	2289.2	20.2
60°-70°	2505.4	22.1
70°-80°	1446.5	12.8
80°-90°	433.2	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°	1741.1	15.4
0°-40°	2963.3	26.2
0°-60°	6932.1	61.3
0°-90°	11317.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11317.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3615	3615	3615	3615	3615	
5°	3956	3514	2520	2751	3956	359
15°	3308	2846	1049	1089	3308	967
25°	4312	3916	562	582	4312	2019
35°	5477	5040	437	412	5477	3473
45°	6612	6040	356	331	6612	5082
55°	7069	6637	306	291	7069	6378
65°	7139	7149	231	241	7139	6833
75°	3544	3780	156	166	3544	3807
85°	477	512	65	80	477	662
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°	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6
2.5°	3870.7	3855.6	3870.7	3925.9	3941.0	3966.1	3966.1	3930.9	3865.7	3835.5	3785.3
5°	3956.0	3930.9	4056.4	4171.9	4262.3	4252.2	4166.9	4096.6	3966.1	3770.3	3584.5
7.5°	3785.3	3810.4	3900.8	4202.0	4412.9	4453.0	4317.5	4176.9	3895.8	3624.7	3373.7
10°	3464.0	3499.2	3695.0	4006.2	4337.6	4402.8	4317.5	4146.8	3810.4	3474.1	3182.9
12.5°	3308.4	3388.7	3504.2	3880.7	4116.7	4272.3	4232.1	4121.7	3745.2	3348.6	3067.4
15°	3308.4	3328.5	3499.2	3815.4	3951.0	3956.0	3971.1	3991.2	3765.2	3403.8	3027.3
17.5°	3413.8	3469.0	3614.6	3810.4	3835.5	3775.3	3775.3	3860.6	3805.4	3559.4	3172.8
20°	3669.9	3649.8	3840.5	3920.9	3785.3	3634.7	3619.7	3765.2	3850.6	3725.1	3438.9
22.5°	3925.9	4016.3	4171.9	3991.2	3740.1	3539.3	3519.2	3700.0	3986.1	4011.2	3745.2
25°	4312.5	4402.8	4483.2	4262.3	3735.1	3514.2	3529.3	3669.9	4151.8	4417.9	4257.2
27.5°	4729.1	4784.4	4899.8	4558.5	3855.6	3484.1	3499.2	3710.0	4307.4	4684.0	4658.9
30°	4965.1	5025.3	5000.2	4613.7	3935.9	3504.2	3464.0	3765.2	4222.1	4684.0	4919.9
32.5°	5196.0	5160.9	5145.8	4704.0	4036.3	3629.7	3529.3	3880.7	4272.3	4759.3	5256.3
35°	5477.2	5427.0	5386.8	4879.8	4202.0	3750.2	3705.0	4031.3	4382.7	4914.9	5527.4
37.5°	5788.4	5788.4	5592.6	5010.3	4397.8	3946.0	3895.8	4247.2	4558.5	5010.3	5898.9
40°	6154.9	6170.0	5823.6	5186.0	4618.7	4257.2	4242.2	4528.3	4729.1	5150.9	6255.3
42.5°	6426.0	6436.1	6024.4	5251.3	4874.7	4689.0	4754.2	4980.2	4924.9	5276.4	6280.4
45°	6611.8	6561.6	6165.0	5437.0	5155.9	5336.6	5356.7	5422.0	5181.0	5351.7	6380.8
47.5°	6702.1	6692.1	6225.2	5652.9	5748.3	5994.3	6109.7	6019.4	5416.9	5271.3	6380.8
50°	6792.5	6707.2	6280.4	5949.1	6325.6	6822.6	6797.5	6631.8	5743.3	5371.7	6285.4
52.5°	6852.7	6777.4	6390.9	6215.2	6877.8	7440.1	7540.5	7234.3	6124.8	5557.5	6330.6
55°	7068.6	7008.4	6722.2	6576.6	7515.4	8092.8	8107.8	7681.1	6526.4	5863.7	6626.8
57.5°	7329.7	7364.8	7179.1	7088.7	8002.4	8569.7	8514.5	8012.4	6867.8	6235.2	6968.2
60°	7515.4	7570.6	7525.5	7535.5	8243.4	8730.3	8604.8	8218.3	7118.8	6516.4	7384.9
62.5°	7415.0	7525.5	7711.2	7671.1	8253.4	8614.9	8439.2	7947.2	7148.9	6882.9	7701.2
65°	7138.9	7148.9	7510.4	7731.3	7801.6	8017.5	7786.5	7379.9	6837.7	7108.8	7656.0
67.5°	6431.0	6511.4	6837.7	7269.4	6973.2	7023.4	7003.4	6416.0	6365.8	6953.1	7309.6
70°	5678.0	5733.2	6089.7	6596.7	5888.8	5652.9	5698.1	5261.3	5467.1	6471.2	6611.8
72.5°	4694.0	4729.1	5135.8	5582.6	4724.1	4302.4	4407.8	4051.4	4342.6	5662.9	5577.6
75°	3544.3	3609.6	3925.9	4453.0	3479.1	3208.0	3313.4	3167.8	3438.9	4663.9	4327.5
77.5°	2520.2	2470.0	2861.6	3484.1	2615.6	2454.9	2465.0	2490.1	2781.3	3930.9	3107.6
80°	1717.0	1732.0	2083.4	2555.3	2053.3	2028.2	2003.1	2203.9	2334.5	3112.6	2259.1
82.5°	1019.1	1019.1	1405.7	1817.4	1621.6	1827.4	1711.9	1892.7	1827.4	2289.3	1481.0
85°	476.9	476.9	722.9	1310.3	1255.1	1506.1	1280.2	1430.8	1350.5	1596.5	667.7
87.5°	80.3	70.3	145.6	642.6	517.1	587.4	230.9	763.1	848.4	1114.5	165.7
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°	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6
2.5°	3730.1	3695.0	3624.7	3534.3	3459.0	3363.6	3333.5	3268.2	3177.9	3167.8	3127.7
5°	3514.2	3393.7	3243.1	3057.4	2931.9	2801.3	2690.9	2625.6	2550.3	2540.3	2520.2
7.5°	3278.3	3127.7	2876.6	2655.8	2439.9	2234.0	2133.6	2008.1	1922.8	1857.5	1827.4
10°	3057.4	2916.8	2605.5	2304.3	2113.6	1978.0	1857.5	1727.0	1621.6	1541.2	1511.1
12.5°	2911.8	2746.1	2409.8	2123.6	1983.0	1827.4	1691.8	1551.3	1415.7	1310.3	1255.1
15°	2846.5	2690.9	2349.5	2033.2	1827.4	1611.5	1455.9	1315.3	1149.7	1074.3	1049.2
17.5°	3002.2	2771.2	2329.4	1927.8	1636.6	1390.6	1199.9	1049.2	928.8	853.5	823.3
20°	3203.0	2916.8	2364.6	1802.3	1455.9	1179.8	968.9	808.3	727.9	672.7	667.7
22.5°	3459.0	3132.7	2419.8	1711.9	1255.1	948.8	758.1	662.7	607.5	602.4	592.4
25°	3915.9	3524.3	2510.2	1591.4	1094.4	783.2	647.6	592.4	567.3	552.2	562.3
27.5°	4307.4	3780.3	2575.4	1516.1	1029.2	738.0	627.5	567.3	542.2	537.2	542.2
30°	4538.4	4016.3	2555.3	1375.6	898.6	702.8	667.7	647.6	597.4	557.3	557.3
32.5°	4749.2	4166.9	2550.3	1250.1	768.1	587.4	557.3	542.2	572.3	592.4	577.3
35°	5040.4	4402.8	2535.3	1179.8	712.9	542.2	492.0	451.8	431.7	421.7	436.8
37.5°	5351.7	4563.5	2495.1	1169.7	682.8	517.1	476.9	436.8	416.7	406.6	401.6
40°	5693.0	4734.2	2449.9	1119.5	667.7	502.0	461.9	426.7	401.6	386.6	381.5
42.5°	5913.9	4869.7	2404.7	1094.4	637.6	492.0	446.8	416.7	391.6	371.5	371.5
45°	6039.5	5030.4	2359.6	1069.3	602.4	497.0	446.8	406.6	376.5	366.5	356.4
47.5°	6094.7	5150.9	2344.5	1029.2	572.3	476.9	436.8	396.6	366.5	346.4	341.4
50°	6240.3	5406.9	2399.7	999.0	537.2	456.8	461.9	391.6	361.5	336.4	331.3
52.5°	6325.6	5612.7	2520.2	953.9	512.1	431.7	451.8	381.5	346.4	321.3	321.3
55°	6636.9	5954.1	2650.7	918.7	482.0	396.6	416.7	361.5	321.3	306.2	306.2
57.5°	7033.5	6315.6	2761.2	903.7	461.9	371.5	371.5	351.4	306.2	286.2	281.1
60°	7309.6	6611.8	2826.4	893.6	441.8	346.4	331.3	351.4	291.2	271.1	266.1
62.5°	7339.7	6441.1	2761.2	888.6	436.8	321.3	301.2	336.4	276.1	256.0	246.0
65°	7148.9	6094.7	2580.4	868.5	431.7	296.2	281.1	291.2	256.0	241.0	230.9
67.5°	6767.4	5532.4	2319.4	858.5	426.7	276.1	256.0	251.0	236.0	220.9	210.9
70°	5878.8	4799.4	2013.2	813.3	416.7	261.1	230.9	225.9	210.9	200.8	195.8
72.5°	4935.0	3925.9	1661.7	753.0	396.6	236.0	210.9	200.8	195.8	180.7	175.7
75°	3780.3	3022.2	1330.4	667.7	346.4	210.9	185.8	175.7	170.7	160.7	155.6
77.5°	2655.8	2249.1	984.0	542.2	291.2	190.8	165.7	155.6	150.6	135.5	135.5
80°	1802.3	1576.4	667.7	376.5	225.9	155.6	145.6	135.5	125.5	115.5	115.5
82.5°	1119.5	1104.5	482.0	246.0	165.7	125.5	115.5	115.5	100.4	90.4	90.4
85°	512.1	677.7	336.4	170.7	125.5	95.4	95.4	90.4	80.3	65.3	65.3
87.5°	160.7	225.9	175.7	75.3	70.3	55.2	55.2	50.2	50.2	40.2	40.2
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6
2.5°	3167.8	3162.8	3162.8	3142.7	3192.9	3192.9	3223.0	3197.9	3213.0	3218.0	3258.2
5°	2515.2	2555.3	2585.5	2645.7	2680.9	2695.9	2695.9	2736.1	2721.0	2751.1	2811.4
7.5°	1842.5	1892.7	1983.0	2058.3	2118.6	2138.7	2133.6	2143.7	2158.7	2123.6	2133.6
10°	1491.0	1455.9	1486.0	1556.3	1611.5	1676.8	1626.6	1621.6	1636.6	1621.6	1651.7
12.5°	1245.0	1204.9	1179.8	1179.8	1219.9	1250.1	1235.0	1260.1	1315.3	1330.4	1365.5
15°	1009.1	973.9	953.9	928.8	968.9	979.0	994.0	1029.2	1069.3	1089.4	1129.6
17.5°	808.3	808.3	808.3	788.2	803.3	818.3	823.3	868.5	873.5	893.6	908.7
20°	662.7	677.7	702.8	712.9	727.9	727.9	717.9	743.0	722.9	738.0	748.0
22.5°	597.4	617.5	627.5	632.6	652.6	657.7	632.6	637.6	642.6	627.5	632.6
25°	562.3	572.3	562.3	567.3	572.3	562.3	567.3	577.3	572.3	582.4	577.3
27.5°	547.2	537.2	532.2	527.1	527.1	517.1	522.1	522.1	532.2	537.2	537.2
30°	547.2	532.2	512.1	497.0	497.0	482.0	492.0	502.0	507.1	517.1	517.1
32.5°	562.3	532.2	497.0	482.0	466.9	456.8	466.9	482.0	502.0	507.1	512.1
35°	446.8	461.9	456.8	436.8	431.7	431.7	426.7	426.7	411.7	411.7	406.6
37.5°	401.6	396.6	406.6	411.7	416.7	401.6	401.6	381.5	376.5	381.5	381.5
40°	376.5	376.5	376.5	391.6	396.6	386.6	371.5	361.5	361.5	361.5	366.5
42.5°	366.5	356.4	351.4	361.5	376.5	366.5	351.4	346.4	346.4	351.4	351.4
45°	351.4	346.4	341.4	336.4	356.4	341.4	336.4	331.3	331.3	331.3	336.4
47.5°	336.4	331.3	321.3	321.3	326.3	321.3	316.3	316.3	316.3	326.3	326.3
50°	326.3	321.3	311.3	311.3	311.3	311.3	306.2	306.2	306.2	311.3	316.3
52.5°	311.3	306.2	301.2	296.2	296.2	296.2	296.2	296.2	296.2	301.2	306.2
55°	296.2	291.2	286.2	286.2	291.2	291.2	286.2	291.2	286.2	291.2	296.2
57.5°	281.1	276.1	271.1	276.1	281.1	276.1	276.1	276.1	276.1	276.1	281.1
60°	261.1	261.1	261.1	261.1	271.1	271.1	271.1	271.1	261.1	266.1	271.1
62.5°	251.0	246.0	246.0	251.0	256.0	256.0	261.1	256.0	251.0	256.0	256.0
65°	230.9	230.9	230.9	236.0	236.0	241.0	241.0	241.0	236.0	241.0	241.0
67.5°	215.9	215.9	215.9	215.9	225.9	225.9	225.9	225.9	220.9	220.9	225.9
70°	190.8	195.8	190.8	200.8	210.9	205.8	210.9	210.9	205.8	200.8	210.9
72.5°	175.7	175.7	175.7	175.7	190.8	190.8	190.8	195.8	190.8	185.8	190.8
75°	155.6	155.6	155.6	160.7	170.7	170.7	170.7	170.7	170.7	165.7	165.7
77.5°	135.5	140.6	135.5	140.6	150.6	145.6	150.6	155.6	150.6	145.6	145.6
80°	115.5	115.5	115.5	120.5	125.5	125.5	125.5	130.5	125.5	120.5	120.5
82.5°	90.4	90.4	95.4	95.4	100.4	100.4	100.4	105.4	100.4	95.4	95.4
85°	70.3	70.3	70.3	75.3	75.3	80.3	80.3	85.3	85.3	80.3	80.3
87.5°	45.2	40.2	45.2	45.2	50.2	50.2	45.2	40.2	45.2	40.2	35.1
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: P599055
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6	3614.6
2.5°	3298.4	3388.7	3454.0	3499.2	3564.4	3689.9	3740.1	3830.5	3855.6	3870.7
5°	2836.5	2931.9	3072.4	3172.8	3288.3	3524.3	3705.0	3840.5	3900.8	3956.0
7.5°	2224.0	2349.5	2495.1	2625.6	2816.4	3107.6	3343.5	3624.7	3730.1	3785.3
10°	1737.0	1852.5	2013.2	2173.8	2439.9	2685.9	3022.2	3278.3	3423.9	3464.0
12.5°	1465.9	1601.5	1792.3	1988.0	2153.7	2434.9	2776.2	3147.7	3283.3	3308.4
15°	1245.0	1430.8	1626.6	1827.4	2018.2	2264.2	2630.7	3082.5	3283.3	3308.4
17.5°	1029.2	1194.8	1425.8	1641.6	1862.5	2198.9	2655.8	3137.7	3338.5	3413.8
20°	818.3	979.0	1159.7	1430.8	1732.0	2088.5	2711.0	3323.5	3589.5	3669.9
22.5°	677.7	748.0	923.7	1184.8	1541.2	2013.2	2766.2	3614.6	3895.8	3925.9
25°	592.4	642.6	753.0	999.0	1390.6	1962.9	2896.7	3951.0	4312.5	4312.5
27.5°	552.2	572.3	647.6	868.5	1285.2	1917.8	3027.3	4322.5	4658.9	4729.1
30°	542.2	592.4	632.6	773.1	1169.7	1792.3	3147.7	4613.7	4960.1	4965.1
32.5°	532.2	522.1	552.2	672.7	1029.2	1661.7	3248.2	4909.9	5181.0	5196.0
35°	416.7	436.8	487.0	592.4	923.7	1566.3	3298.4	5070.5	5462.1	5477.2
37.5°	391.6	416.7	456.8	547.2	853.5	1486.0	3313.4	5381.8	5758.3	5788.4
40°	381.5	401.6	431.7	507.1	798.2	1385.6	3343.5	5703.1	6195.1	6154.9
42.5°	361.5	386.6	416.7	487.0	753.0	1310.3	3348.6	5878.8	6426.0	6426.0
45°	356.4	371.5	406.6	487.0	702.8	1245.0	3268.2	6054.5	6692.1	6611.8
47.5°	336.4	366.5	396.6	471.9	642.6	1179.8	3172.8	6144.9	6727.2	6702.1
50°	331.3	361.5	411.7	446.8	607.5	1149.7	3152.8	6370.8	6797.5	6792.5
52.5°	321.3	351.4	426.7	426.7	562.3	1109.5	3248.2	6471.2	6812.6	6852.7
55°	306.2	351.4	396.6	391.6	522.1	1059.3	3353.6	6732.3	7078.7	7068.6
57.5°	296.2	341.4	376.5	356.4	476.9	1024.1	3509.2	6983.3	7400.0	7329.7
60°	281.1	341.4	336.4	331.3	441.8	994.0	3639.7	7033.5	7470.2	7515.4
62.5°	271.1	356.4	296.2	306.2	411.7	979.0	3584.5	6657.0	7374.9	7415.0
65°	261.1	306.2	271.1	281.1	401.6	948.8	3368.6	6205.1	6963.2	7138.9
67.5°	241.0	251.0	251.0	261.1	391.6	878.6	2926.8	5391.8	6335.6	6431.0
70°	220.9	225.9	225.9	241.0	381.5	798.2	2414.8	4663.9	5497.3	5678.0
72.5°	200.8	200.8	200.8	220.9	351.4	733.0	1988.0	3584.5	4568.5	4694.0
75°	175.7	175.7	175.7	195.8	316.3	667.7	1566.3	2665.8	3363.6	3544.3
77.5°	155.6	155.6	150.6	175.7	276.1	542.2	1129.6	1882.6	2369.6	2520.2
80°	130.5	125.5	125.5	140.6	215.9	391.6	727.9	1330.4	1651.7	1717.0
82.5°	105.4	100.4	95.4	105.4	155.6	246.0	451.8	928.8	1059.3	1019.1
85°	100.4	105.4	85.3	80.3	110.4	160.7	286.2	572.3	476.9	476.9
87.5°	40.2	35.1	35.1	30.1	55.2	60.2	125.5	105.4	80.3	80.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)