

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: P598964

Luminaire Tested: **IFLD-S-SA2A-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: P598964
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2A-740-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 4000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

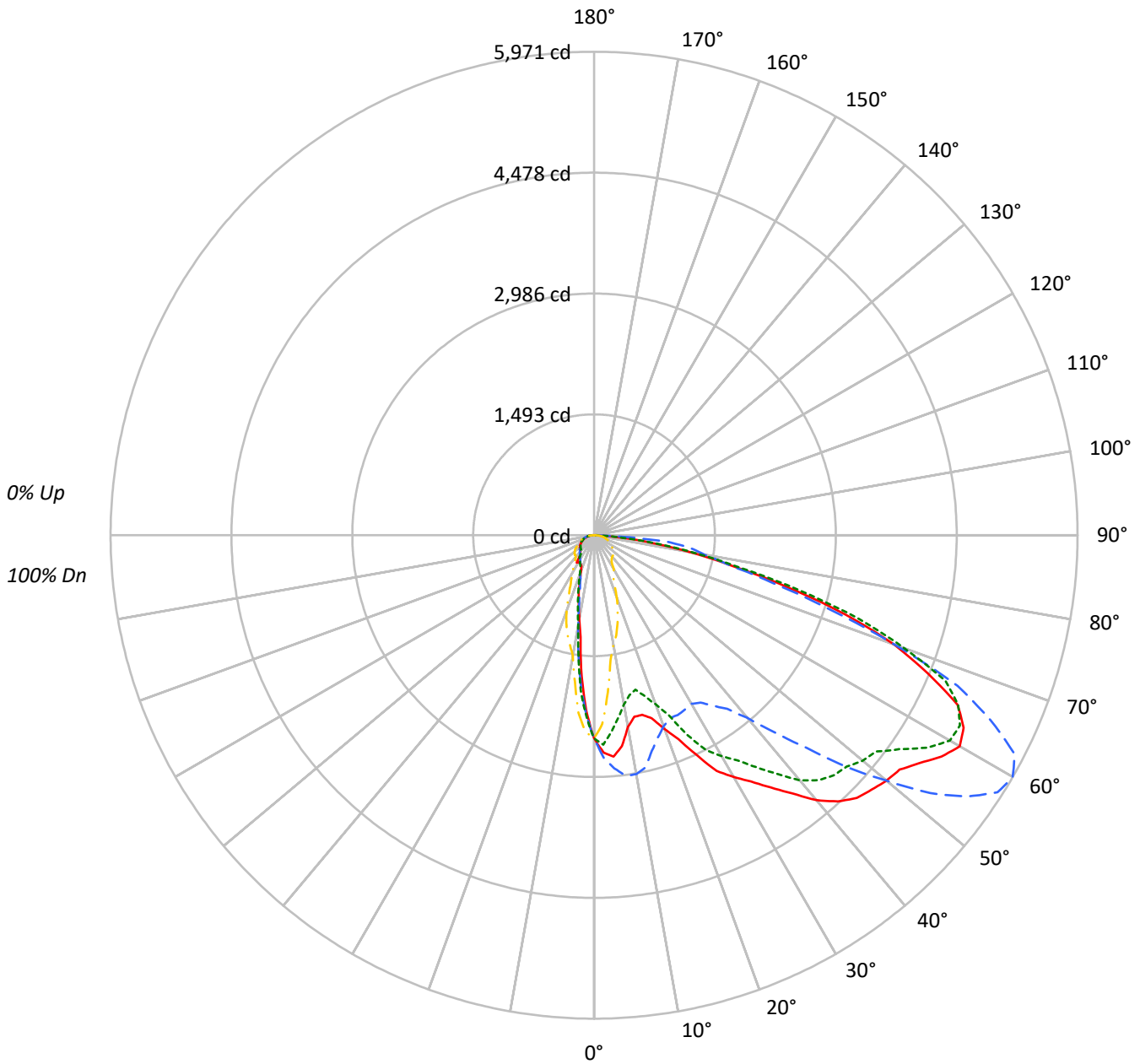
Lumens per Lamp: N/A
 Luminaire Lumens: 7853.0 lumens
 Efficiency: N/A
 Efficacy: 123.1 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

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	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°	53996	53996	53996	53996
5°	59322	52696	37792	41254
10°	52545	46376	22922	24597
15°	51165	44022	16227	16847
20°	58339	50916	10614	11732
25°	71079	64543	9269	9599
30°	85644	78283	9613	8919
35°	99882	91916	7966	7508
40°	120023	111016	7442	7048
45°	139678	127589	7529	6999
50°	157855	145021	7700	7234
55°	184094	172849	7976	7582
60°	224531	218383	7948	7948
65°	252337	252689	8160	8517
70°	247996	256764	8554	8768
75°	204566	218182	8983	9565
80°	147702	155042	9930	10364
85°	81734	87761	11189	13758

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.9	2.5
10°-20°	411.4	5.2
20°-30°	601.9	7.7
30°-40°	848.1	10.8
40°-50°	1165.5	14.8
50°-60°	1588.5	20.2
60°-70°	1738.5	22.1
70°-80°	1003.7	12.8
80°-90°	300.6	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°	1208.2	15.4
0°-40°	2056.2	26.2
0°-60°	4810.2	61.3
0°-90°	7853.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7853.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2508	2508	2508	2508	2508	
5°	2745	2438	1749	1909	2745	249
15°	2296	1975	728	756	2296	671
25°	2992	2717	390	404	2992	1401
35°	3801	3498	303	286	3801	2410
45°	4588	4191	247	230	4588	3526
55°	4905	4605	212	202	4905	4426
65°	4954	4961	160	167	4954	4741
75°	2459	2623	108	115	2459	2642
85°	331	355	45	56	331	459
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°	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2
2.5°	2685.9	2675.4	2685.9	2724.2	2734.6	2752.0	2752.0	2727.7	2682.4	2661.5	2626.6
5°	2745.1	2727.7	2814.7	2894.9	2957.6	2950.6	2891.4	2842.6	2752.0	2616.2	2487.3
7.5°	2626.6	2644.1	2706.8	2915.8	3062.1	3090.0	2995.9	2898.4	2703.3	2515.2	2341.0
10°	2403.7	2428.1	2563.9	2779.9	3009.8	3055.1	2995.9	2877.5	2644.1	2410.7	2208.6
12.5°	2295.7	2351.4	2431.6	2692.8	2856.6	2964.5	2936.7	2860.0	2598.8	2323.6	2128.5
15°	2295.7	2309.6	2428.1	2647.5	2741.6	2745.1	2755.5	2769.5	2612.7	2361.9	2100.6
17.5°	2368.8	2407.2	2508.2	2644.1	2661.5	2619.7	2619.7	2678.9	2640.6	2469.9	2201.6
20°	2546.5	2532.6	2665.0	2720.7	2626.6	2522.1	2511.7	2612.7	2671.9	2584.8	2386.3
22.5°	2724.2	2786.9	2894.9	2769.5	2595.3	2455.9	2442.0	2567.4	2766.0	2783.4	2598.8
25°	2992.4	3055.1	3110.9	2957.6	2591.8	2438.5	2449.0	2546.5	2880.9	3065.6	2954.1
27.5°	3281.6	3319.9	3400.0	3163.1	2675.4	2417.6	2428.1	2574.4	2988.9	3250.2	3232.8
30°	3445.3	3487.1	3469.7	3201.4	2731.1	2431.6	2403.7	2612.7	2929.7	3250.2	3413.9
32.5°	3605.5	3581.1	3570.7	3264.1	2800.8	2518.6	2449.0	2692.8	2964.5	3302.5	3647.3
35°	3800.6	3765.8	3737.9	3386.1	2915.8	2602.2	2570.9	2797.3	3041.2	3410.4	3835.4
37.5°	4016.6	4016.6	3880.7	3476.6	3051.6	2738.1	2703.3	2947.1	3163.1	3476.6	4093.2
40°	4270.9	4281.3	4041.0	3598.6	3204.9	2954.1	2943.6	3142.2	3281.6	3574.2	4340.6
42.5°	4459.0	4466.0	4180.3	3643.8	3382.6	3253.7	3299.0	3455.7	3417.4	3661.3	4358.0
45°	4587.9	4553.1	4277.9	3772.7	3577.7	3703.1	3717.0	3762.3	3595.1	3713.5	4427.7
47.5°	4650.6	4643.6	4319.7	3922.5	3988.7	4159.4	4239.5	4176.8	3758.8	3657.8	4427.7
50°	4713.3	4654.1	4358.0	4128.1	4389.3	4734.2	4716.8	4601.8	3985.2	3727.5	4361.5
52.5°	4755.1	4702.9	4434.6	4312.7	4772.5	5162.7	5232.4	5019.9	4250.0	3856.3	4392.8
55°	4904.9	4863.1	4664.5	4563.5	5214.9	5615.6	5626.0	5329.9	4528.7	4068.8	4598.4
57.5°	5086.1	5110.4	4981.5	4918.8	5552.9	5946.5	5908.2	5559.8	4765.6	4326.6	4835.2
60°	5214.9	5253.3	5221.9	5228.9	5720.1	6058.0	5970.9	5702.7	4939.7	4521.7	5124.4
62.5°	5145.3	5221.9	5350.8	5322.9	5727.0	5977.9	5855.9	5514.5	4960.6	4776.0	5343.8
65°	4953.7	4960.6	5211.5	5364.7	5413.5	5563.3	5403.1	5120.9	4744.7	4932.8	5312.5
67.5°	4462.5	4518.2	4744.7	5044.3	4838.7	4873.6	4859.6	4452.0	4417.2	4824.8	5072.1
70°	3940.0	3978.3	4225.6	4577.4	4086.3	3922.5	3953.9	3650.8	3793.6	4490.4	4587.9
72.5°	3257.2	3281.6	3563.7	3873.8	3278.1	2985.4	3058.6	2811.3	3013.3	3929.5	3870.3
75°	2459.4	2504.7	2724.2	3090.0	2414.1	2226.0	2299.2	2198.2	2386.3	3236.3	3002.9
77.5°	1748.8	1713.9	1985.7	2417.6	1815.0	1703.5	1710.4	1727.9	1929.9	2727.7	2156.3
80°	1191.4	1201.8	1445.7	1773.2	1424.8	1407.4	1390.0	1529.3	1619.9	2159.8	1567.6
82.5°	707.2	707.2	975.4	1261.1	1125.2	1268.0	1187.9	1313.3	1268.0	1588.5	1027.7
85°	330.9	330.9	501.6	909.2	870.9	1045.1	888.3	992.8	937.1	1107.8	463.3
87.5°	55.7	48.8	101.0	445.9	358.8	407.6	160.2	529.5	588.7	773.4	115.0
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°	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2
2.5°	2588.3	2563.9	2515.2	2452.5	2400.2	2334.0	2313.1	2267.8	2205.1	2198.2	2170.3
5°	2438.5	2354.9	2250.4	2121.5	2034.4	1943.8	1867.2	1821.9	1769.7	1762.7	1748.8
7.5°	2274.8	2170.3	1996.1	1842.8	1693.0	1550.2	1480.5	1393.4	1334.2	1288.9	1268.0
10°	2121.5	2024.0	1808.0	1599.0	1466.6	1372.5	1288.9	1198.4	1125.2	1069.5	1048.6
12.5°	2020.5	1905.5	1672.1	1473.6	1376.0	1268.0	1174.0	1076.4	982.4	909.2	870.9
15°	1975.2	1867.2	1630.3	1410.9	1268.0	1118.2	1010.2	912.7	797.7	745.5	728.1
17.5°	2083.2	1922.9	1616.4	1337.7	1135.7	965.0	832.6	728.1	644.5	592.2	571.3
20°	2222.5	2024.0	1640.8	1250.6	1010.2	818.6	672.3	560.9	505.1	466.8	463.3
22.5°	2400.2	2173.8	1679.1	1187.9	870.9	658.4	526.0	459.8	421.5	418.0	411.1
25°	2717.2	2445.5	1741.8	1104.3	759.4	543.4	449.4	411.1	393.6	383.2	390.2
27.5°	2988.9	2623.1	1787.1	1052.0	714.1	512.1	435.4	393.6	376.2	372.7	376.2
30°	3149.2	2786.9	1773.2	954.5	623.6	487.7	463.3	449.4	414.5	386.7	386.7
32.5°	3295.5	2891.4	1769.7	867.4	533.0	407.6	386.7	376.2	397.1	411.1	400.6
35°	3497.5	3055.1	1759.2	818.6	494.7	376.2	341.4	313.5	299.6	292.6	303.1
37.5°	3713.5	3166.6	1731.3	811.7	473.8	358.8	330.9	303.1	289.1	282.2	278.7
40°	3950.4	3285.0	1700.0	776.8	463.3	348.4	320.5	296.1	278.7	268.2	264.8
42.5°	4103.7	3379.1	1668.6	759.4	442.4	341.4	310.0	289.1	271.7	257.8	257.8
45°	4190.8	3490.6	1637.3	742.0	418.0	344.9	310.0	282.2	261.3	254.3	247.3
47.5°	4229.1	3574.2	1626.8	714.1	397.1	330.9	303.1	275.2	254.3	240.4	236.9
50°	4330.1	3751.8	1665.2	693.2	372.7	317.0	320.5	271.7	250.8	233.4	229.9
52.5°	4389.3	3894.7	1748.8	661.9	355.3	299.6	313.5	264.8	240.4	223.0	223.0
55°	4605.3	4131.5	1839.3	637.5	334.4	275.2	289.1	250.8	223.0	212.5	212.5
57.5°	4880.5	4382.4	1916.0	627.0	320.5	257.8	257.8	243.9	212.5	198.6	195.1
60°	5072.1	4587.9	1961.3	620.1	306.6	240.4	229.9	243.9	202.0	188.1	184.6
62.5°	5093.0	4469.5	1916.0	616.6	303.1	223.0	209.0	233.4	191.6	177.7	170.7
65°	4960.6	4229.1	1790.6	602.7	299.6	205.5	195.1	202.0	177.7	167.2	160.2
67.5°	4695.9	3838.9	1609.4	595.7	296.1	191.6	177.7	174.2	163.7	153.3	146.3
70°	4079.3	3330.3	1396.9	564.3	289.1	181.1	160.2	156.8	146.3	139.3	135.9
72.5°	3424.4	2724.2	1153.1	522.5	275.2	163.7	146.3	139.3	135.9	125.4	121.9
75°	2623.1	2097.1	923.2	463.3	240.4	146.3	128.9	121.9	118.4	111.5	108.0
77.5°	1842.8	1560.7	682.8	376.2	202.0	132.4	115.0	108.0	104.5	94.1	94.1
80°	1250.6	1093.9	463.3	261.3	156.8	108.0	101.0	94.1	87.1	80.1	80.1
82.5°	776.8	766.4	334.4	170.7	115.0	87.1	80.1	80.1	69.7	62.7	62.7
85°	355.3	470.3	233.4	118.4	87.1	66.2	66.2	62.7	55.7	45.3	45.3
87.5°	111.5	156.8	121.9	52.3	48.8	38.3	38.3	34.8	34.8	27.9	27.9
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°	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2
2.5°	2198.2	2194.7	2194.7	2180.7	2215.6	2215.6	2236.5	2219.1	2229.5	2233.0	2260.9
5°	1745.3	1773.2	1794.1	1835.9	1860.2	1870.7	1870.7	1898.6	1888.1	1909.0	1950.8
7.5°	1278.5	1313.3	1376.0	1428.3	1470.1	1484.0	1480.5	1487.5	1497.9	1473.6	1480.5
10°	1034.6	1010.2	1031.1	1079.9	1118.2	1163.5	1128.7	1125.2	1135.7	1125.2	1146.1
12.5°	863.9	836.1	818.6	818.6	846.5	867.4	857.0	874.4	912.7	923.2	947.5
15°	700.2	675.8	661.9	644.5	672.3	679.3	689.8	714.1	742.0	755.9	783.8
17.5°	560.9	560.9	560.9	546.9	557.4	567.8	571.3	602.7	606.1	620.1	630.5
20°	459.8	470.3	487.7	494.7	505.1	505.1	498.2	515.6	501.6	512.1	519.1
22.5°	414.5	428.5	435.4	438.9	452.9	456.4	438.9	442.4	445.9	435.4	438.9
25°	390.2	397.1	390.2	393.6	397.1	390.2	393.6	400.6	397.1	404.1	400.6
27.5°	379.7	372.7	369.3	365.8	365.8	358.8	362.3	362.3	369.3	372.7	372.7
30°	379.7	369.3	355.3	344.9	344.9	334.4	341.4	348.4	351.8	358.8	358.8
32.5°	390.2	369.3	344.9	334.4	324.0	317.0	324.0	334.4	348.4	351.8	355.3
35°	310.0	320.5	317.0	303.1	299.6	299.6	296.1	296.1	285.7	285.7	282.2
37.5°	278.7	275.2	282.2	285.7	289.1	278.7	278.7	264.8	261.3	264.8	264.8
40°	261.3	261.3	261.3	271.7	275.2	268.2	257.8	250.8	250.8	250.8	254.3
42.5°	254.3	247.3	243.9	250.8	261.3	254.3	243.9	240.4	240.4	243.9	243.9
45°	243.9	240.4	236.9	233.4	247.3	236.9	233.4	229.9	229.9	229.9	233.4
47.5°	233.4	229.9	223.0	223.0	226.4	223.0	219.5	219.5	219.5	226.4	226.4
50°	226.4	223.0	216.0	216.0	216.0	216.0	212.5	212.5	212.5	216.0	219.5
52.5°	216.0	212.5	209.0	205.5	205.5	205.5	205.5	205.5	205.5	209.0	212.5
55°	205.5	202.0	198.6	198.6	202.0	202.0	198.6	202.0	198.6	202.0	205.5
57.5°	195.1	191.6	188.1	191.6	195.1	191.6	191.6	191.6	191.6	191.6	195.1
60°	181.1	181.1	181.1	181.1	188.1	188.1	188.1	188.1	181.1	184.6	188.1
62.5°	174.2	170.7	170.7	174.2	177.7	177.7	181.1	177.7	174.2	177.7	177.7
65°	160.2	160.2	160.2	163.7	163.7	167.2	167.2	167.2	163.7	167.2	167.2
67.5°	149.8	149.8	149.8	149.8	156.8	156.8	156.8	156.8	153.3	153.3	156.8
70°	132.4	135.9	132.4	139.3	146.3	142.8	146.3	146.3	142.8	139.3	146.3
72.5°	121.9	121.9	121.9	121.9	132.4	132.4	132.4	135.9	132.4	128.9	132.4
75°	108.0	108.0	108.0	111.5	118.4	118.4	118.4	118.4	118.4	115.0	115.0
77.5°	94.1	97.5	94.1	97.5	104.5	101.0	104.5	108.0	104.5	101.0	101.0
80°	80.1	80.1	80.1	83.6	87.1	87.1	87.1	90.6	87.1	83.6	83.6
82.5°	62.7	62.7	66.2	66.2	69.7	69.7	69.7	73.2	69.7	66.2	66.2
85°	48.8	48.8	48.8	52.3	52.3	55.7	55.7	59.2	59.2	55.7	55.7
87.5°	31.4	27.9	31.4	31.4	34.8	34.8	31.4	27.9	31.4	27.9	24.4
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: P598964
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2	2508.2
2.5°	2288.7	2351.4	2396.7	2428.1	2473.4	2560.4	2595.3	2658.0	2675.4	2685.9
5°	1968.2	2034.4	2132.0	2201.6	2281.8	2445.5	2570.9	2665.0	2706.8	2745.1
7.5°	1543.2	1630.3	1731.3	1821.9	1954.3	2156.3	2320.1	2515.2	2588.3	2626.6
10°	1205.3	1285.4	1396.9	1508.4	1693.0	1863.7	2097.1	2274.8	2375.8	2403.7
12.5°	1017.2	1111.3	1243.6	1379.5	1494.5	1689.5	1926.4	2184.2	2278.3	2295.7
15°	863.9	992.8	1128.7	1268.0	1400.4	1571.1	1825.4	2138.9	2278.3	2295.7
17.5°	714.1	829.1	989.3	1139.1	1292.4	1525.8	1842.8	2177.2	2316.6	2368.8
20°	567.8	679.3	804.7	992.8	1201.8	1449.2	1881.1	2306.1	2490.8	2546.5
22.5°	470.3	519.1	641.0	822.1	1069.5	1396.9	1919.5	2508.2	2703.3	2724.2
25°	411.1	445.9	522.5	693.2	965.0	1362.1	2010.0	2741.6	2992.4	2992.4
27.5°	383.2	397.1	449.4	602.7	891.8	1330.7	2100.6	2999.4	3232.8	3281.6
30°	376.2	411.1	438.9	536.5	811.7	1243.6	2184.2	3201.4	3441.8	3445.3
32.5°	369.3	362.3	383.2	466.8	714.1	1153.1	2253.9	3407.0	3595.1	3605.5
35°	289.1	303.1	337.9	411.1	641.0	1086.9	2288.7	3518.4	3790.2	3800.6
37.5°	271.7	289.1	317.0	379.7	592.2	1031.1	2299.2	3734.4	3995.7	4016.6
40°	264.8	278.7	299.6	351.8	553.9	961.5	2320.1	3957.4	4298.8	4270.9
42.5°	250.8	268.2	289.1	337.9	522.5	909.2	2323.6	4079.3	4459.0	4459.0
45°	247.3	257.8	282.2	337.9	487.7	863.9	2267.8	4201.2	4643.6	4587.9
47.5°	233.4	254.3	275.2	327.5	445.9	818.6	2201.6	4263.9	4668.0	4650.6
50°	229.9	250.8	285.7	310.0	421.5	797.7	2187.7	4420.7	4716.8	4713.3
52.5°	223.0	243.9	296.1	296.1	390.2	769.9	2253.9	4490.4	4727.2	4755.1
55°	212.5	243.9	275.2	271.7	362.3	735.0	2327.0	4671.5	4911.9	4904.9
57.5°	205.5	236.9	261.3	247.3	330.9	710.7	2435.0	4845.7	5134.8	5086.1
60°	195.1	236.9	233.4	229.9	306.6	689.8	2525.6	4880.5	5183.6	5214.9
62.5°	188.1	247.3	205.5	212.5	285.7	679.3	2487.3	4619.3	5117.4	5145.3
65°	181.1	212.5	188.1	195.1	278.7	658.4	2337.5	4305.7	4831.8	4953.7
67.5°	167.2	174.2	174.2	181.1	271.7	609.6	2030.9	3741.4	4396.3	4462.5
70°	153.3	156.8	156.8	167.2	264.8	553.9	1675.6	3236.3	3814.5	3940.0
72.5°	139.3	139.3	139.3	153.3	243.9	508.6	1379.5	2487.3	3170.1	3257.2
75°	121.9	121.9	121.9	135.9	219.5	463.3	1086.9	1849.8	2334.0	2459.4
77.5°	108.0	108.0	104.5	121.9	191.6	376.2	783.8	1306.3	1644.3	1748.8
80°	90.6	87.1	87.1	97.5	149.8	271.7	505.1	923.2	1146.1	1191.4
82.5°	73.2	69.7	66.2	73.2	108.0	170.7	313.5	644.5	735.0	707.2
85°	69.7	73.2	59.2	55.7	76.6	111.5	198.6	397.1	330.9	330.9
87.5°	27.9	24.4	24.4	20.9	38.3	41.8	87.1	73.2	55.7	55.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)