

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: P598604

Luminaire Tested: **IFLD-M-SA4C-722-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598604
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4C-722-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (64) 2200K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

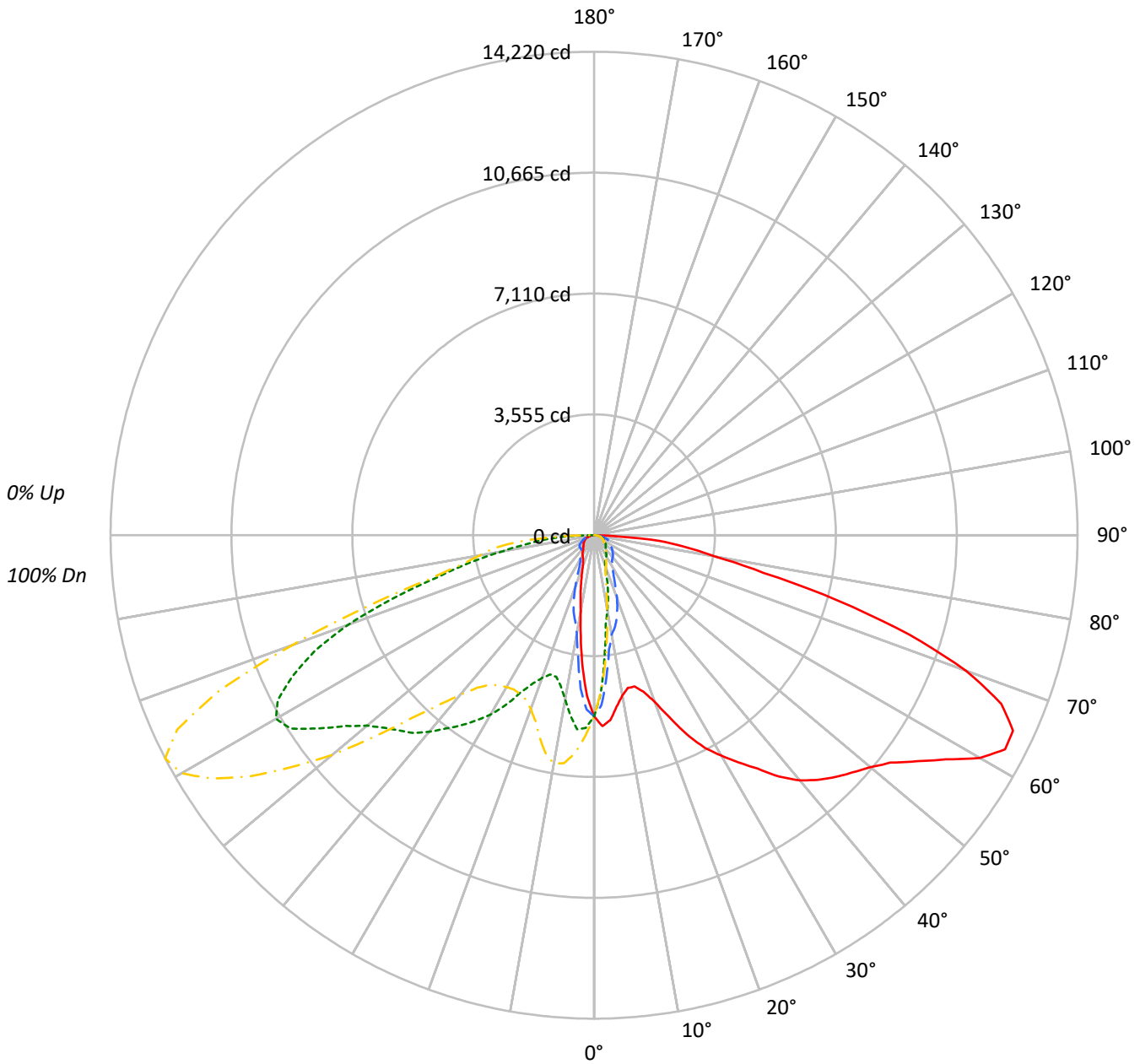
Lumens per Lamp: N/A
 Luminaire Lumens: 17813.5 lumens
 Efficiency: N/A
 Efficacy: 81.7 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 218.1
 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	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77	77	77	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59	59	59	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46	46	46	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36	36	36	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30	30	30	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25	25	25	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21	21	21	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18	18	18	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16	16	16	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14	14	14	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	57277	57277	57277	57277
5°	58946	38331	41874	61925
10°	52296	24356	24600	53517
15°	51325	17275	16361	48002
20°	59672	10927	11013	51136
25°	76741	9383	9117	60455
30°	93001	8893	8336	75678
35°	110074	7834	7541	89705
40°	132261	7435	6912	105976
45°	153042	7374	6693	123546
50°	177715	7489	6738	145892
55°	217481	7692	6853	185873
60°	282053	7701	7220	232477
65°	346226	7784	7404	248851
70°	366364	8208	7739	242287
75°	308396	8680	7748	197745
80°	224052	10166	7854	170929
85°	237470	14721	6447	177645

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	411.8	2.3
10°-20°	861.9	4.8
20°-30°	1242.1	7.0
30°-40°	1788.1	10.0
40°-50°	2539.8	14.3
50°-60°	3651.5	20.5
60°-70°	4218.7	23.7
70°-80°	2388.7	13.4
80°-90°	710.9	4.0
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°	2515.7	14.1
0°-40°	4303.8	24.2
0°-60°	10495.1	58.9
0°-90°	17813.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	17813.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5321	5321	5321	5321	5321	
5°	5455	3548	3875	5731	5455	495
15°	4606	1550	1468	4308	4606	1354
25°	6462	790	768	5090	6462	2999
35°	8377	596	574	6827	8377	5316
45°	10054	484	440	8116	10054	7785
55°	11589	410	365	9905	11589	10496
65°	13594	306	291	9770	13594	13035
75°	7415	209	186	4755	7415	7868
85°	1923	119	52	1438	1923	1915
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°	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2
2.5°	5619.3	5611.9	5567.1	5425.5	5276.5	5134.9	5000.7	4859.1	4784.6	4695.2	4657.9
5°	5455.4	5440.5	5313.8	5000.7	4725.0	4426.9	4173.5	3972.3	3808.3	3644.4	3584.7
7.5°	5082.7	5060.4	4911.3	4479.1	4076.6	3689.1	3383.5	3122.7	2906.5	2809.7	2697.9
10°	4784.6	4747.4	4553.6	4076.6	3554.9	3167.4	2966.2	2787.3	2601.0	2444.5	2280.5
12.5°	4598.3	4553.6	4352.4	3793.4	3286.6	2996.0	2787.3	2586.1	2355.0	2161.3	1982.4
15°	4605.8	4553.6	4307.6	3718.9	3219.6	2846.9	2556.3	2280.5	2012.2	1796.1	1594.9
17.5°	4821.9	4754.8	4494.0	3823.2	3167.4	2653.2	2265.6	1907.9	1602.3	1371.3	1207.3
20°	5209.4	5164.7	4866.6	3979.7	3115.2	2444.5	1967.5	1535.3	1214.8	1035.9	968.8
22.5°	5790.7	5738.6	5418.1	4218.2	3100.3	2258.2	1647.0	1207.3	976.3	901.8	864.5
25°	6461.5	6364.6	6066.5	4620.7	3130.1	2086.7	1386.2	998.7	872.0	819.8	797.4
27.5°	7042.8	6983.2	6647.8	5000.7	3145.0	1952.6	1207.3	909.2	812.3	767.6	752.7
30°	7482.5	7460.1	7132.2	5418.1	3107.8	1788.6	1095.5	872.0	812.3	767.6	722.9
32.5°	7922.2	7929.6	7579.4	5738.6	3055.6	1647.0	991.2	775.1	715.5	685.6	693.1
35°	8376.8	8414.1	8116.0	6051.6	2943.8	1594.9	916.7	722.9	670.7	626.0	603.7
37.5°	8950.7	9047.5	8756.9	6401.8	2832.0	1550.2	879.4	685.6	633.5	596.2	566.4
40°	9412.7	9591.6	9420.2	6729.8	2757.5	1498.0	849.6	648.4	611.1	566.4	544.0
42.5°	9755.6	9964.2	9904.6	6983.2	2757.5	1445.8	819.8	626.0	596.2	544.0	514.2
45°	10053.7	10269.8	10262.3	7244.0	2817.1	1416.0	782.5	626.0	581.3	529.1	499.3
47.5°	10322.0	10538.1	10612.6	7571.9	2914.0	1401.1	737.8	611.1	581.3	521.7	477.0
50°	10612.6	10851.1	11074.7	8093.6	3033.2	1363.8	708.0	588.8	588.8	514.2	462.1
52.5°	10985.2	11253.5	11663.4	8742.0	3152.5	1296.8	663.3	573.9	588.8	506.8	447.2
55°	11588.9	11812.5	12349.1	9517.1	3301.5	1214.8	626.0	536.6	559.0	484.4	424.8
57.5°	12267.1	12460.9	12908.0	10113.3	3346.3	1110.4	573.9	499.3	536.6	462.1	395.0
60°	13101.8	13198.7	13198.7	10284.7	3197.2	1013.6	536.6	469.5	484.4	439.7	372.6
62.5°	13630.9	13630.9	13198.7	9971.7	2914.0	931.6	506.8	439.7	424.8	409.9	350.3
65°	13593.7	13534.1	12893.1	9062.5	2586.1	879.4	477.0	402.4	380.1	372.6	327.9
67.5°	12967.7	12863.3	11991.4	7780.6	2243.3	857.1	447.2	365.2	350.3	335.4	298.1
70°	11641.1	11372.8	10299.6	6260.2	1907.9	842.2	439.7	335.4	320.5	305.6	275.7
72.5°	9718.3	9375.5	8041.4	4814.4	1602.3	790.0	417.3	298.1	290.7	275.7	245.9
75°	7415.4	6781.9	5611.9	3681.6	1244.6	685.6	357.7	260.8	260.8	253.4	223.6
77.5°	5112.5	4784.6	3912.7	2720.2	909.2	529.1	290.7	231.0	231.0	238.5	208.7
80°	3614.5	3309.0	2787.3	1952.6	573.9	357.7	223.6	193.8	216.1	231.0	193.8
82.5°	2764.9	2541.4	2071.8	1423.5	335.4	245.9	171.4	156.5	186.3	201.2	164.0
85°	1922.8	1654.5	1050.8	953.9	193.8	149.1	126.7	126.7	164.0	201.2	149.1
87.5°	544.0	231.0	67.1	283.2	82.0	59.6	44.7	29.8	44.7	44.7	29.8
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°	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2
2.5°	4620.7	4575.9	4575.9	4561.0	4568.5	4575.9	4568.5	4620.7	4643.0	4672.8	4732.4
5°	3547.5	3607.1	3562.4	3607.1	3666.7	3756.1	3778.5	3845.6	3853.0	3905.2	3875.4
7.5°	2630.8	2623.3	2586.1	2638.2	2802.2	2928.9	2988.5	3025.8	3033.2	3033.2	2996.0
10°	2228.4	2161.3	2094.2	2056.9	2071.8	2206.0	2250.7	2273.1	2258.2	2280.5	2250.7
12.5°	1907.9	1848.3	1751.4	1684.3	1639.6	1676.9	1721.6	1743.9	1758.8	1796.1	1825.9
15°	1550.2	1490.5	1430.9	1393.7	1356.4	1326.6	1363.8	1386.2	1423.5	1453.3	1468.2
17.5°	1177.5	1147.7	1117.9	1140.3	1140.3	1125.4	1140.3	1147.7	1162.6	1185.0	1177.5
20°	953.9	946.5	939.0	976.3	1006.1	1006.1	1021.0	998.7	991.2	968.8	961.4
22.5°	849.6	849.6	857.1	886.9	916.7	931.6	931.6	894.3	857.1	842.2	849.6
25°	790.0	790.0	812.3	819.8	834.7	834.7	842.2	804.9	782.5	760.2	767.6
27.5°	745.3	745.3	752.7	752.7	760.2	760.2	767.6	752.7	722.9	715.5	715.5
30°	715.5	715.5	708.0	708.0	708.0	708.0	715.5	693.1	678.2	670.7	670.7
32.5°	685.6	678.2	670.7	670.7	663.3	663.3	670.7	648.4	640.9	640.9	640.9
35°	596.2	588.8	596.2	611.1	611.1	618.6	618.6	611.1	596.2	581.3	573.9
37.5°	559.0	551.5	551.5	551.5	566.4	573.9	581.3	566.4	544.0	521.7	521.7
40°	529.1	529.1	521.7	521.7	521.7	536.6	551.5	529.1	499.3	491.9	491.9
42.5°	506.8	499.3	491.9	484.4	477.0	499.3	514.2	484.4	469.5	469.5	469.5
45°	484.4	477.0	469.5	462.1	454.6	462.1	477.0	447.2	439.7	439.7	439.7
47.5°	462.1	454.6	439.7	432.3	424.8	424.8	439.7	417.3	409.9	417.3	417.3
50°	447.2	432.3	417.3	409.9	402.4	402.4	402.4	395.0	395.0	395.0	402.4
52.5°	432.3	417.3	395.0	387.5	380.1	380.1	380.1	380.1	372.6	380.1	387.5
55°	409.9	395.0	380.1	372.6	365.2	357.7	365.2	357.7	357.7	365.2	365.2
57.5°	380.1	365.2	350.3	350.3	342.8	342.8	350.3	342.8	342.8	350.3	350.3
60°	357.7	342.8	327.9	327.9	320.5	327.9	335.4	327.9	327.9	327.9	335.4
62.5°	327.9	320.5	305.6	305.6	305.6	305.6	313.0	305.6	313.0	313.0	313.0
65°	305.6	290.7	283.2	283.2	283.2	283.2	298.1	283.2	290.7	290.7	290.7
67.5°	283.2	268.3	260.8	260.8	260.8	260.8	275.7	260.8	268.3	275.7	268.3
70°	260.8	245.9	238.5	238.5	238.5	238.5	245.9	238.5	238.5	245.9	245.9
72.5°	231.0	223.6	216.1	216.1	208.7	216.1	223.6	216.1	216.1	216.1	216.1
75°	208.7	201.2	201.2	193.8	193.8	193.8	201.2	186.3	186.3	186.3	186.3
77.5°	193.8	178.9	178.9	178.9	171.4	178.9	171.4	156.5	156.5	156.5	156.5
80°	164.0	149.1	156.5	156.5	149.1	149.1	141.6	126.7	126.7	126.7	126.7
82.5°	134.1	119.2	126.7	126.7	126.7	126.7	111.8	104.3	96.9	89.4	89.4
85°	119.2	96.9	111.8	111.8	104.3	104.3	74.5	74.5	59.6	59.6	52.2
87.5°	22.4	14.9	29.8	37.3	37.3	44.7	29.8	37.3	22.4	14.9	14.9
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°	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2
2.5°	4725.0	4807.0	4918.8	5000.7	5127.4	5224.3	5373.4	5500.1	5619.3	5671.5	5723.7
5°	3964.8	4017.0	4188.4	4322.6	4523.8	4739.9	5008.2	5298.9	5597.0	5731.1	5887.6
7.5°	2966.2	3063.1	3159.9	3353.7	3599.6	3949.9	4292.7	4725.0	5142.3	5343.6	5611.9
10°	2302.9	2377.4	2489.2	2690.4	2921.4	3212.1	3622.0	4136.2	4635.6	4896.4	5172.2
12.5°	1848.3	1952.6	2101.7	2310.3	2578.6	2876.7	3174.8	3651.8	4233.1	4531.2	4844.2
15°	1498.0	1580.0	1743.9	2004.8	2317.8	2623.3	2936.4	3331.3	3964.8	4307.6	4680.3
17.5°	1192.4	1252.0	1401.1	1661.9	1975.0	2317.8	2675.5	3174.8	3875.4	4292.7	4732.4
20°	968.8	1013.6	1110.4	1304.2	1602.3	1975.0	2422.1	3025.8	3927.6	4464.2	5000.7
22.5°	849.6	864.5	909.2	1013.6	1259.5	1654.5	2191.1	2899.1	4024.4	4717.5	5440.5
25°	767.6	782.5	797.4	864.5	1006.1	1378.7	1989.9	2824.6	4233.1	5090.2	5947.2
27.5°	715.5	730.4	737.8	767.6	864.5	1177.5	1818.5	2779.8	4516.3	5634.2	6573.3
30°	670.7	670.7	693.1	737.8	804.9	1035.9	1669.4	2675.5	4814.4	6088.8	7065.1
32.5°	633.5	640.9	670.7	693.1	737.8	916.7	1520.3	2541.4	5082.7	6461.5	7549.6
35°	566.4	566.4	573.9	611.1	670.7	819.8	1386.2	2407.2	5231.8	6826.7	7981.8
37.5°	521.7	529.1	544.0	573.9	626.0	752.7	1274.4	2258.2	5388.3	7169.5	8488.6
40°	491.9	499.3	514.2	544.0	596.2	693.1	1177.5	2138.9	5552.2	7542.1	9032.6
42.5°	469.5	477.0	491.9	521.7	566.4	678.2	1073.2	2042.0	5649.1	7884.9	9546.9
45°	447.2	454.6	477.0	506.8	544.0	663.3	1013.6	1975.0	5686.4	8116.0	9956.8
47.5°	424.8	432.3	454.6	499.3	544.0	640.9	991.2	1937.7	5716.2	8376.8	10284.7
50°	402.4	417.3	447.2	491.9	551.5	611.1	976.3	1930.2	5887.6	8712.2	10597.7
52.5°	387.5	409.9	439.7	491.9	544.0	566.4	968.8	1952.6	6230.4	9211.5	11044.9
55°	372.6	395.0	424.8	491.9	521.7	529.1	931.6	1989.9	6752.1	9904.6	11678.3
57.5°	357.7	372.6	409.9	477.0	491.9	499.3	857.1	2042.0	7273.8	10582.8	12326.7
60°	335.4	350.3	387.5	477.0	447.2	469.5	760.2	2056.9	7646.4	10798.9	12386.3
62.5°	313.0	327.9	365.2	491.9	409.9	439.7	678.2	2004.8	7721.0	10485.9	12051.0
65°	290.7	305.6	335.4	409.9	380.1	409.9	626.0	1863.2	7475.0	9770.5	11439.9
67.5°	268.3	283.2	305.6	335.4	342.8	372.6	603.7	1639.6	6856.5	8883.6	10605.2
70°	238.5	253.4	275.7	298.1	305.6	350.3	566.4	1423.5	5857.8	7698.6	9584.1
72.5°	216.1	223.6	245.9	260.8	275.7	320.5	544.0	1244.6	4479.1	6230.4	7817.9
75°	186.3	186.3	208.7	223.6	238.5	283.2	499.3	1035.9	3159.9	4754.8	5746.0
77.5°	156.5	156.5	171.4	186.3	201.2	245.9	424.8	842.2	2191.1	3771.1	4166.0
80°	119.2	119.2	134.1	149.1	164.0	208.7	342.8	618.6	1356.4	2757.5	3033.2
82.5°	82.0	82.0	104.3	111.8	119.2	164.0	260.8	424.8	797.4	1989.9	2168.7
85°	44.7	44.7	59.6	67.1	82.0	119.2	193.8	298.1	477.0	1438.4	1445.8
87.5°	7.5	7.5	22.4	22.4	37.3	59.6	111.8	164.0	268.3	797.4	506.8
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: P598604
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2	5321.2
2.5°	5820.5	5902.5	5910.0	5910.0	5872.7	5880.2	5775.8	5664.0	5626.8	5619.3
5°	6126.1	6342.2	6401.8	6431.7	6334.8	6185.7	5917.4	5626.8	5477.7	5455.4
7.5°	6066.5	6498.7	6729.8	6759.6	6565.8	6215.5	5746.0	5298.9	5127.4	5082.7
10°	5716.2	6297.5	6714.9	6819.2	6610.5	6163.4	5552.2	5030.6	4821.9	4784.6
12.5°	5470.3	6029.2	6439.1	6580.7	6483.8	6096.3	5455.4	4859.1	4650.5	4598.3
15°	5336.1	5850.4	6118.6	6163.4	6155.9	5992.0	5455.4	4896.4	4665.4	4605.8
17.5°	5447.9	5798.2	5835.4	5731.1	5790.7	5872.7	5574.6	5097.6	4874.1	4821.9
20°	5671.5	5775.8	5597.0	5440.5	5470.3	5731.1	5760.9	5477.7	5298.9	5209.4
22.5°	6141.0	5857.8	5447.9	5231.8	5254.1	5619.3	6006.9	5992.0	5835.4	5790.7
25°	6618.0	6088.8	5403.2	5149.8	5179.6	5597.0	6297.5	6565.8	6483.8	6461.5
27.5°	7147.1	6476.4	5433.0	5112.5	5149.8	5626.8	6498.7	7050.2	7065.1	7042.8
30°	7504.8	6662.7	5522.4	5157.3	5209.4	5701.3	6543.5	7340.9	7475.0	7482.5
32.5°	7803.0	6849.0	5708.8	5231.8	5321.2	5835.4	6662.7	7616.6	7914.7	7922.2
35°	8041.4	7057.7	5939.8	5365.9	5500.1	6059.0	6819.2	7877.5	8324.6	8376.8
37.5°	8347.0	7288.7	6208.1	5656.6	5805.6	6379.5	7094.9	8183.0	8809.1	8950.7
40°	8674.9	7519.8	6595.6	6126.1	6342.2	6856.5	7408.0	8525.9	9219.0	9412.7
42.5°	9040.1	7765.7	7035.3	6759.6	7087.5	7460.1	7765.7	8838.9	9532.0	9755.6
45°	9397.8	8063.8	7676.3	7624.1	7989.3	8175.6	8116.0	9062.5	9830.1	10053.7
47.5°	9651.2	8496.1	8451.3	8764.3	9107.2	9010.3	8525.9	9226.4	10076.0	10322.0
50°	9882.2	9032.6	9427.6	10038.8	10247.4	9919.5	8965.6	9450.0	10336.9	10612.6
52.5°	10225.1	9606.5	10433.7	11193.9	11395.1	10873.5	9442.5	9815.2	10739.3	10985.2
55°	10925.6	10254.9	11484.6	12356.5	12393.8	11745.4	10083.5	10433.7	11305.7	11588.9
57.5°	11708.2	11052.3	12319.3	13317.9	13303.0	12617.4	10806.4	11268.4	12073.3	12267.1
60°	12416.2	11857.2	13228.5	14003.6	13966.3	13250.9	11648.5	12214.9	12952.8	13101.8
62.5°	12833.5	12587.6	13630.9	14219.7	14078.1	13459.5	12364.0	13057.1	13578.8	13630.9
65°	12766.4	13004.9	13161.4	13526.6	13325.4	12878.2	12714.3	13593.7	13645.9	13593.7
67.5°	12259.7	12766.4	11872.1	11909.4	11805.0	11425.0	12170.2	13452.1	13094.4	12967.7
70°	11492.0	11529.3	9927.0	9457.4	9621.4	9099.7	10441.2	12349.1	11797.6	11641.1
72.5°	10217.6	9755.6	7504.8	7027.9	7273.8	6901.2	8376.8	10761.7	10225.1	9718.3
75°	8570.6	7728.4	5716.2	5038.0	5164.7	5149.8	6491.3	8891.0	7922.2	7415.4
77.5°	6640.3	6021.8	4218.2	3957.4	3823.2	3853.0	4531.2	6610.5	5746.0	5112.5
80°	4851.7	4210.8	3264.3	3413.3	3338.8	3159.9	3174.8	4426.9	3994.6	3614.5
82.5°	3353.7	2996.0	2645.7	2988.5	2809.7	2533.9	2474.3	3189.7	2996.0	2764.9
85°	2250.7	2466.8	2101.7	2288.0	1982.4	1825.9	2325.2	2668.1	2153.8	1922.8
87.5°	1468.2	2258.2	1512.9	1147.7	655.8	879.4	1423.5	1751.4	1006.1	544.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)