

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: P598854

Luminaire Tested: **IFLD-S-SA3B-722-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598854
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3B-722-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (48) 2200K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

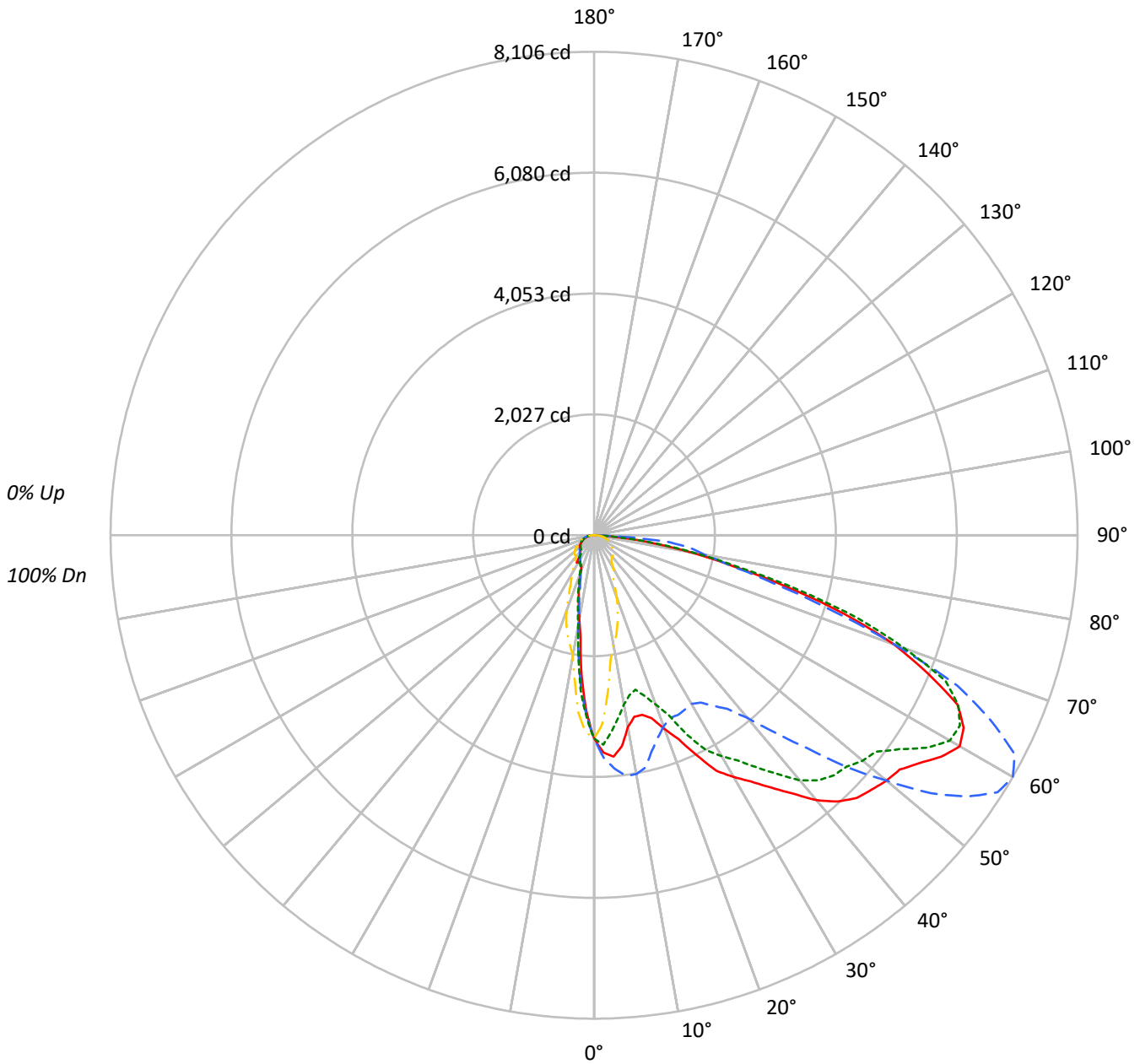
Lumens per Lamp: N/A
 Luminaire Lumens: 10661.4 lumens
 Efficiency: N/A
 Efficacy: 87.1 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 122.4
 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°	48871	48871	48871	48871
5°	53691	47695	34204	37338
10°	47557	41974	20747	22262
15°	46308	39844	14686	15249
20°	52802	46085	9607	10618
25°	64334	58416	8388	8687
30°	77514	70852	8700	8072
35°	90402	83192	7210	6794
40°	108631	100480	6733	6379
45°	126420	115478	6816	6335
50°	142872	131257	6968	6546
55°	166620	156443	7219	6863
60°	203220	197654	7196	7196
65°	228384	228707	7390	7709
70°	224455	232390	7738	7939
75°	185152	197479	8129	8656
80°	133685	140330	8992	9381
85°	73986	79437	10127	12465

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	264.5	2.5
10°-20°	558.5	5.2
20°-30°	817.2	7.7
30°-40°	1151.4	10.8
40°-50°	1582.3	14.8
50°-60°	2156.5	20.2
60°-70°	2360.2	22.1
70°-80°	1362.6	12.8
80°-90°	408.1	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°	1640.2	15.4
0°-40°	2791.6	26.2
0°-60°	6530.5	61.3
0°-90°	10661.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10661.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3405	3405	3405	3405	3405	
5°	3727	3311	2374	2592	3727	338
15°	3117	2682	988	1026	3117	911
25°	4063	3689	530	549	4063	1902
35°	5160	4748	412	388	5160	3272
45°	6229	5690	336	312	6229	4787
55°	6659	6252	288	274	6659	6008
65°	6725	6735	218	227	6725	6437
75°	3339	3561	147	156	3339	3587
85°	449	482	62	76	449	623
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°	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2
2.5°	3646.4	3632.2	3646.4	3698.4	3712.6	3736.2	3736.2	3703.1	3641.7	3613.3	3566.0
5°	3726.8	3703.1	3821.4	3930.1	4015.3	4005.8	3925.4	3859.2	3736.2	3551.8	3376.8
7.5°	3566.0	3589.6	3674.8	3958.5	4157.2	4195.0	4067.3	3934.9	3670.0	3414.6	3178.2
10°	3263.3	3296.4	3480.9	3774.1	4086.2	4147.7	4067.3	3906.5	3589.6	3272.8	2998.5
12.5°	3116.7	3192.4	3301.1	3655.8	3878.1	4024.7	3986.9	3882.9	3528.1	3154.5	2889.7
15°	3116.7	3135.6	3296.4	3594.4	3722.1	3726.8	3741.0	3759.9	3547.1	3206.5	2851.8
17.5°	3216.0	3268.0	3405.2	3589.6	3613.3	3556.5	3556.5	3636.9	3584.9	3353.2	2989.0
20°	3457.2	3438.3	3618.0	3693.7	3566.0	3424.1	3409.9	3547.1	3627.5	3509.2	3239.7
22.5°	3698.4	3783.5	3930.1	3759.9	3523.4	3334.2	3315.3	3485.6	3755.2	3778.8	3528.1
25°	4062.6	4147.7	4223.4	4015.3	3518.7	3310.6	3324.8	3457.2	3911.2	4161.9	4010.5
27.5°	4455.1	4507.1	4615.9	4294.3	3632.2	3282.2	3296.4	3495.0	4057.8	4412.5	4388.9
30°	4677.4	4734.1	4710.5	4346.3	3707.9	3301.1	3263.3	3547.1	3977.4	4412.5	4634.8
32.5°	4894.9	4861.8	4847.7	4431.5	3802.5	3419.4	3324.8	3655.8	4024.7	4483.5	4951.7
35°	5159.8	5112.5	5074.7	4597.0	3958.5	3532.9	3490.3	3797.7	4128.8	4630.1	5207.1
37.5°	5453.0	5453.0	5268.6	4720.0	4143.0	3717.3	3670.0	4001.1	4294.3	4720.0	5557.1
40°	5798.3	5812.5	5486.1	4885.5	4351.1	4010.5	3996.4	4265.9	4455.1	4852.4	5892.9
42.5°	6053.7	6063.1	5675.3	4947.0	4592.3	4417.3	4478.8	4691.6	4639.6	4970.6	5916.5
45°	6228.6	6181.4	5807.7	5122.0	4857.1	5027.4	5046.3	5107.8	4880.8	5041.6	6011.1
47.5°	6313.8	6304.3	5864.5	5325.3	5415.2	5646.9	5755.7	5670.6	5103.0	4965.9	6011.1
50°	6398.9	6318.5	5916.5	5604.4	5959.1	6427.3	6403.6	6247.6	5410.5	5060.5	5921.2
52.5°	6455.7	6384.7	6020.5	5855.0	6479.3	7009.0	7103.6	6815.1	5769.9	5235.5	5963.8
55°	6659.0	6602.3	6332.7	6195.5	7079.9	7623.8	7638.0	7236.0	6148.2	5524.0	6242.8
57.5°	6905.0	6938.1	6763.1	6677.9	7538.7	8073.1	8021.1	7548.2	6469.8	5873.9	6564.4
60°	7079.9	7132.0	7089.4	7098.9	7765.7	8224.5	8106.2	7742.1	6706.3	6138.8	6957.0
62.5°	6985.4	7089.4	7264.4	7226.6	7775.2	8115.7	7950.2	7486.7	6734.7	6484.0	7254.9
65°	6725.2	6734.7	7075.2	7283.3	7349.5	7552.9	7335.3	6952.2	6441.5	6696.9	7212.4
67.5°	6058.4	6134.1	6441.5	6848.2	6569.2	6616.5	6597.5	6044.2	5996.9	6550.2	6886.0
70°	5349.0	5401.0	5736.8	6214.5	5547.6	5325.3	5367.9	4956.4	5150.3	6096.2	6228.6
72.5°	4422.0	4455.1	4838.2	5259.1	4450.4	4053.1	4152.4	3816.6	4090.9	5334.8	5254.4
75°	3339.0	3400.5	3698.4	4195.0	3277.5	3022.1	3121.4	2984.3	3239.7	4393.6	4076.8
77.5°	2374.2	2326.9	2695.8	3282.2	2464.0	2312.7	2322.1	2345.8	2620.1	3703.1	2927.5
80°	1617.5	1631.6	1962.7	2407.3	1934.3	1910.7	1887.0	2076.2	2199.2	2932.2	2128.2
82.5°	960.1	960.1	1324.2	1712.0	1527.6	1721.5	1612.7	1783.0	1721.5	2156.6	1395.2
85°	449.3	449.3	681.0	1234.4	1182.4	1418.8	1206.0	1347.9	1272.2	1504.0	629.0
87.5°	75.7	66.2	137.2	605.4	487.1	553.3	217.6	718.9	799.3	1049.9	156.1
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°	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2
2.5°	3514.0	3480.9	3414.6	3329.5	3258.6	3168.7	3140.3	3078.9	2993.7	2984.3	2946.4
5°	3310.6	3197.1	3055.2	2880.2	2762.0	2639.0	2535.0	2473.5	2402.5	2393.1	2374.2
7.5°	3088.3	2946.4	2710.0	2501.9	2298.5	2104.6	2010.0	1891.8	1811.4	1749.9	1721.5
10°	2880.2	2747.8	2454.6	2170.8	1991.1	1863.4	1749.9	1626.9	1527.6	1451.9	1423.6
12.5°	2743.1	2587.0	2270.1	2000.5	1868.1	1721.5	1593.8	1461.4	1333.7	1234.4	1182.4
15°	2681.6	2535.0	2213.4	1915.4	1721.5	1518.1	1371.5	1239.1	1083.0	1012.1	988.4
17.5°	2828.2	2610.6	2194.5	1816.1	1541.8	1310.0	1130.3	988.4	874.9	804.0	775.6
20°	3017.4	2747.8	2227.6	1697.9	1371.5	1111.4	912.8	761.4	685.8	633.7	629.0
22.5°	3258.6	2951.2	2279.6	1612.7	1182.4	893.9	714.1	624.3	572.3	567.5	558.1
25°	3688.9	3320.1	2364.7	1499.2	1031.0	737.8	610.1	558.1	534.4	520.2	529.7
27.5°	4057.8	3561.3	2426.2	1428.3	969.5	695.2	591.2	534.4	510.8	506.0	510.8
30°	4275.4	3783.5	2407.3	1295.9	846.6	662.1	629.0	610.1	562.8	525.0	525.0
32.5°	4474.0	3925.4	2402.5	1177.6	723.6	553.3	525.0	510.8	539.2	558.1	543.9
35°	4748.3	4147.7	2388.4	1111.4	671.6	510.8	463.5	425.6	406.7	397.3	411.5
37.5°	5041.6	4299.0	2350.5	1102.0	643.2	487.1	449.3	411.5	392.5	383.1	378.4
40°	5363.2	4459.8	2308.0	1054.7	629.0	472.9	435.1	402.0	378.4	364.2	359.4
42.5°	5571.3	4587.5	2265.4	1031.0	600.6	463.5	420.9	392.5	368.9	350.0	350.0
45°	5689.5	4738.9	2222.8	1007.4	567.5	468.2	420.9	383.1	354.7	345.2	335.8
47.5°	5741.5	4852.4	2208.6	969.5	539.2	449.3	411.5	373.6	345.2	326.3	321.6
50°	5878.7	5093.6	2260.7	941.2	506.0	430.4	435.1	368.9	340.5	316.9	312.1
52.5°	5959.1	5287.5	2374.2	898.6	482.4	406.7	425.6	359.4	326.3	302.7	302.7
55°	6252.3	5609.1	2497.1	865.5	454.0	373.6	392.5	340.5	302.7	288.5	288.5
57.5°	6625.9	5949.6	2601.2	851.3	435.1	350.0	350.0	331.1	288.5	269.6	264.8
60°	6886.0	6228.6	2662.7	841.8	416.2	326.3	312.1	331.1	274.3	255.4	250.7
62.5°	6914.4	6067.8	2601.2	837.1	411.5	302.7	283.8	316.9	260.1	241.2	231.7
65°	6734.7	5741.5	2430.9	818.2	406.7	279.0	264.8	274.3	241.2	227.0	217.6
67.5°	6375.3	5211.8	2185.0	808.7	402.0	260.1	241.2	236.5	222.3	208.1	198.6
70°	5538.1	4521.3	1896.5	766.2	392.5	245.9	217.6	212.8	198.6	189.2	184.4
72.5°	4649.0	3698.4	1565.4	709.4	373.6	222.3	198.6	189.2	184.4	170.3	165.5
75°	3561.3	2847.1	1253.3	629.0	326.3	198.6	175.0	165.5	160.8	151.3	146.6
77.5°	2501.9	2118.8	927.0	510.8	274.3	179.7	156.1	146.6	141.9	127.7	127.7
80°	1697.9	1485.0	629.0	354.7	212.8	146.6	137.2	127.7	118.2	108.8	108.8
82.5°	1054.7	1040.5	454.0	231.7	156.1	118.2	108.8	108.8	94.6	85.1	85.1
85°	482.4	638.5	316.9	160.8	118.2	89.9	89.9	85.1	75.7	61.5	61.5
87.5°	151.3	212.8	165.5	70.9	66.2	52.0	52.0	47.3	47.3	37.8	37.8
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2
2.5°	2984.3	2979.5	2979.5	2960.6	3007.9	3007.9	3036.3	3012.6	3026.8	3031.6	3069.4
5°	2369.4	2407.3	2435.7	2492.4	2525.5	2539.7	2539.7	2577.5	2563.3	2591.7	2648.5
7.5°	1735.7	1783.0	1868.1	1939.1	1995.8	2014.7	2010.0	2019.5	2033.6	2000.5	2010.0
10°	1404.6	1371.5	1399.9	1466.1	1518.1	1579.6	1532.3	1527.6	1541.8	1527.6	1556.0
12.5°	1172.9	1135.1	1111.4	1111.4	1149.2	1177.6	1163.4	1187.1	1239.1	1253.3	1286.4
15°	950.6	917.5	898.6	874.9	912.8	922.2	936.4	969.5	1007.4	1026.3	1064.1
17.5°	761.4	761.4	761.4	742.5	756.7	770.9	775.6	818.2	822.9	841.8	856.0
20°	624.3	638.5	662.1	671.6	685.8	685.8	676.3	700.0	681.0	695.2	704.7
22.5°	562.8	581.7	591.2	595.9	614.8	619.6	595.9	600.6	605.4	591.2	595.9
25°	529.7	539.2	529.7	534.4	539.2	529.7	534.4	543.9	539.2	548.6	543.9
27.5°	515.5	506.0	501.3	496.6	496.6	487.1	491.9	491.9	501.3	506.0	506.0
30°	515.5	501.3	482.4	468.2	468.2	454.0	463.5	472.9	477.7	487.1	487.1
32.5°	529.7	501.3	468.2	454.0	439.8	430.4	439.8	454.0	472.9	477.7	482.4
35°	420.9	435.1	430.4	411.5	406.7	406.7	402.0	402.0	387.8	387.8	383.1
37.5°	378.4	373.6	383.1	387.8	392.5	378.4	378.4	359.4	354.7	359.4	359.4
40°	354.7	354.7	354.7	368.9	373.6	364.2	350.0	340.5	340.5	340.5	345.2
42.5°	345.2	335.8	331.1	340.5	354.7	345.2	331.1	326.3	326.3	331.1	331.1
45°	331.1	326.3	321.6	316.9	335.8	321.6	316.9	312.1	312.1	312.1	316.9
47.5°	316.9	312.1	302.7	302.7	307.4	302.7	298.0	298.0	298.0	307.4	307.4
50°	307.4	302.7	293.2	293.2	293.2	293.2	288.5	288.5	288.5	293.2	298.0
52.5°	293.2	288.5	283.8	279.0	279.0	279.0	279.0	279.0	279.0	283.8	288.5
55°	279.0	274.3	269.6	269.6	274.3	274.3	269.6	274.3	269.6	274.3	279.0
57.5°	264.8	260.1	255.4	260.1	264.8	260.1	260.1	260.1	260.1	260.1	264.8
60°	245.9	245.9	245.9	245.9	255.4	255.4	255.4	255.4	245.9	250.7	255.4
62.5°	236.5	231.7	231.7	236.5	241.2	241.2	245.9	241.2	236.5	241.2	241.2
65°	217.6	217.6	217.6	222.3	222.3	227.0	227.0	227.0	222.3	227.0	227.0
67.5°	203.4	203.4	203.4	203.4	212.8	212.8	212.8	212.8	208.1	208.1	212.8
70°	179.7	184.4	179.7	189.2	198.6	193.9	198.6	198.6	193.9	189.2	198.6
72.5°	165.5	165.5	165.5	165.5	179.7	179.7	179.7	184.4	179.7	175.0	179.7
75°	146.6	146.6	146.6	151.3	160.8	160.8	160.8	160.8	160.8	156.1	156.1
77.5°	127.7	132.4	127.7	132.4	141.9	137.2	141.9	146.6	141.9	137.2	137.2
80°	108.8	108.8	108.8	113.5	118.2	118.2	118.2	123.0	118.2	113.5	113.5
82.5°	85.1	85.1	89.9	89.9	94.6	94.6	94.6	99.3	94.6	89.9	89.9
85°	66.2	66.2	66.2	70.9	70.9	75.7	75.7	80.4	80.4	75.7	75.7
87.5°	42.6	37.8	42.6	42.6	47.3	47.3	42.6	37.8	42.6	37.8	33.1
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: P598854
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2	3405.2
2.5°	3107.2	3192.4	3253.8	3296.4	3357.9	3476.1	3523.4	3608.5	3632.2	3646.4
5°	2672.1	2762.0	2894.4	2989.0	3097.8	3320.1	3490.3	3618.0	3674.8	3726.8
7.5°	2095.1	2213.4	2350.5	2473.5	2653.2	2927.5	3149.8	3414.6	3514.0	3566.0
10°	1636.4	1745.2	1896.5	2047.8	2298.5	2530.2	2847.1	3088.3	3225.5	3263.3
12.5°	1381.0	1508.7	1688.4	1872.8	2028.9	2293.8	2615.4	2965.3	3093.0	3116.7
15°	1172.9	1347.9	1532.3	1721.5	1901.2	2133.0	2478.2	2903.9	3093.0	3116.7
17.5°	969.5	1125.6	1343.2	1546.5	1754.6	2071.5	2501.9	2955.9	3145.1	3216.0
20°	770.9	922.2	1092.5	1347.9	1631.6	1967.4	2553.9	3130.9	3381.5	3457.2
22.5°	638.5	704.7	870.2	1116.1	1451.9	1896.5	2605.9	3405.2	3670.0	3698.4
25°	558.1	605.4	709.4	941.2	1310.0	1849.2	2728.9	3722.1	4062.6	4062.6
27.5°	520.2	539.2	610.1	818.2	1210.7	1806.6	2851.8	4072.0	4388.9	4455.1
30°	510.8	558.1	595.9	728.3	1102.0	1688.4	2965.3	4346.3	4672.7	4677.4
32.5°	501.3	491.9	520.2	633.7	969.5	1565.4	3059.9	4625.4	4880.8	4894.9
35°	392.5	411.5	458.8	558.1	870.2	1475.6	3107.2	4776.7	5145.6	5159.8
37.5°	368.9	392.5	430.4	515.5	804.0	1399.9	3121.4	5069.9	5424.6	5453.0
40°	359.4	378.4	406.7	477.7	752.0	1305.3	3149.8	5372.6	5836.1	5798.3
42.5°	340.5	364.2	392.5	458.8	709.4	1234.4	3154.5	5538.1	6053.7	6053.7
45°	335.8	350.0	383.1	458.8	662.1	1172.9	3078.9	5703.7	6304.3	6228.6
47.5°	316.9	345.2	373.6	444.6	605.4	1111.4	2989.0	5788.8	6337.4	6313.8
50°	312.1	340.5	387.8	420.9	572.3	1083.0	2970.1	6001.6	6403.6	6398.9
52.5°	302.7	331.1	402.0	402.0	529.7	1045.2	3059.9	6096.2	6417.8	6455.7
55°	288.5	331.1	373.6	368.9	491.9	997.9	3159.3	6342.2	6668.5	6659.0
57.5°	279.0	321.6	354.7	335.8	449.3	964.8	3305.9	6578.6	6971.2	6905.0
60°	264.8	321.6	316.9	312.1	416.2	936.4	3428.8	6625.9	7037.4	7079.9
62.5°	255.4	335.8	279.0	288.5	387.8	922.2	3376.8	6271.2	6947.5	6985.4
65°	245.9	288.5	255.4	264.8	378.4	893.9	3173.4	5845.6	6559.7	6725.2
67.5°	227.0	236.5	236.5	245.9	368.9	827.6	2757.3	5079.4	5968.5	6058.4
70°	208.1	212.8	212.8	227.0	359.4	752.0	2274.9	4393.6	5178.7	5349.0
72.5°	189.2	189.2	189.2	208.1	331.1	690.5	1872.8	3376.8	4303.8	4422.0
75°	165.5	165.5	165.5	184.4	298.0	629.0	1475.6	2511.3	3168.7	3339.0
77.5°	146.6	146.6	141.9	165.5	260.1	510.8	1064.1	1773.5	2232.3	2374.2
80°	123.0	118.2	118.2	132.4	203.4	368.9	685.8	1253.3	1556.0	1617.5
82.5°	99.3	94.6	89.9	99.3	146.6	231.7	425.6	874.9	997.9	960.1
85°	94.6	99.3	80.4	75.7	104.0	151.3	269.6	539.2	449.3	449.3
87.5°	37.8	33.1	33.1	28.4	52.0	56.8	118.2	99.3	75.7	75.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)