

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: P598894

Luminaire Tested: **IFLD-M-SA4C-727-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598894
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4C-727-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (64) 2700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

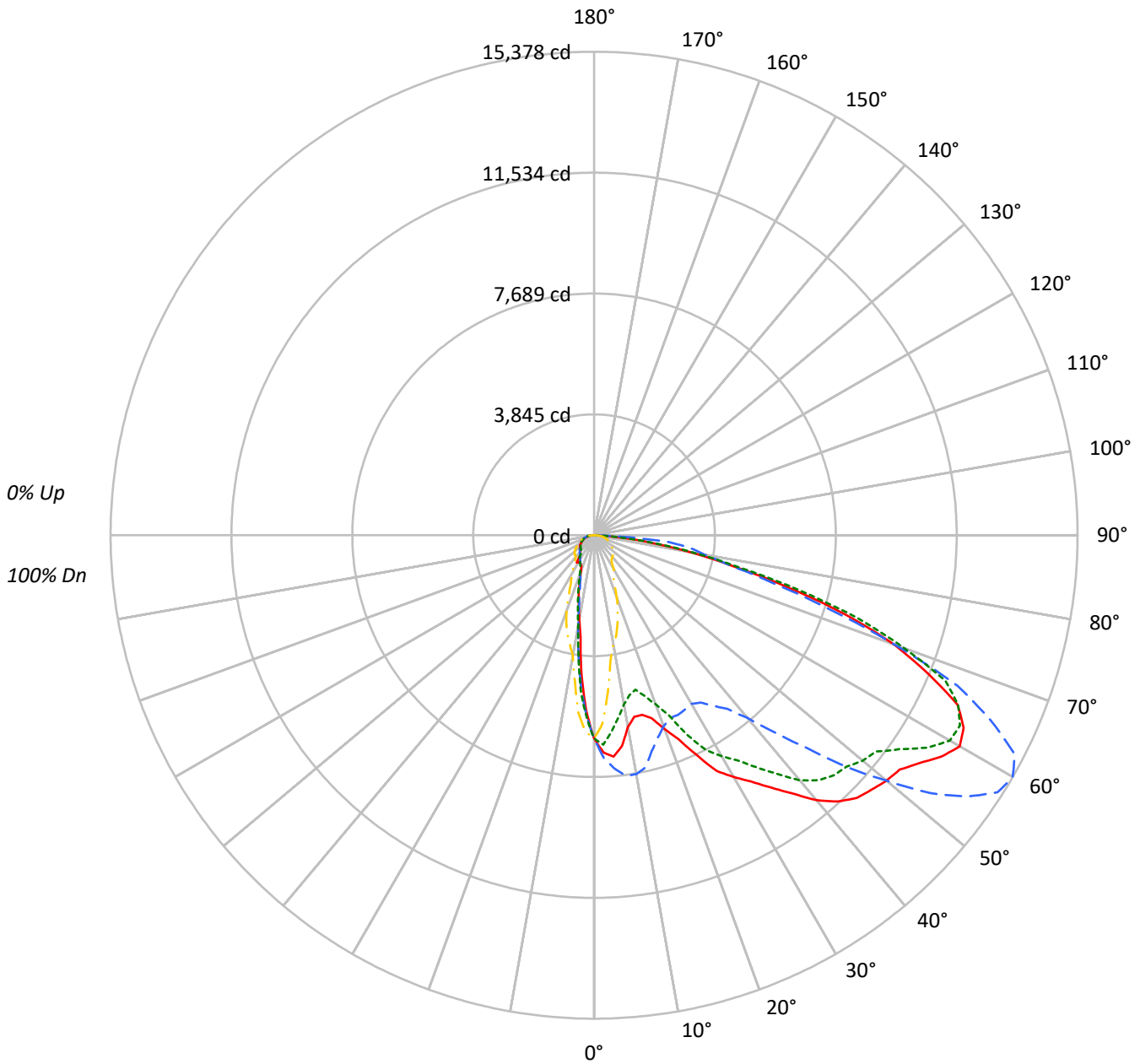
Lumens per Lamp: N/A
 Luminaire Lumens: 20225.2 lumens
 Efficiency: N/A
 Efficacy: 92.7 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 218.1
 Input Voltage (V): 120
 Input Current (A_{in}): 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°	69533	69533	69533	69533
5°	76390	67860	48665	53124
10°	67663	59720	29517	31674
15°	65887	56689	20895	21696
20°	75126	65568	13669	15108
25°	91532	83114	11935	12360
30°	110287	100807	12378	11486
35°	128623	118365	10257	9667
40°	154559	142961	9582	9077
45°	179870	164301	9697	9013
50°	203276	186749	9915	9316
55°	237065	222585	10271	9766
60°	289140	281222	10236	10236
65°	324944	325402	10511	10970
70°	319352	330644	11012	11295
75°	263430	280968	11566	12314
80°	190201	199654	12794	13346
85°	105261	113017	14400	17735

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	501.8	2.5
10°-20°	1059.5	5.2
20°-30°	1550.2	7.7
30°-40°	2184.2	10.8
40°-50°	3001.7	14.8
50°-60°	4091.0	20.2
60°-70°	4477.4	22.1
70°-80°	2585.0	12.8
80°-90°	774.1	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°	3111.6	15.4
0°-40°	5295.8	26.2
0°-60°	12388.6	61.3
0°-90°	20225.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	20225.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6460	6460	6460	6460	6460	
5°	7070	6280	4504	4917	7070	642
15°	5912	5087	1875	1947	5912	1727
25°	7707	6998	1005	1041	7707	3609
35°	9788	9008	781	736	9788	6207
45°	11816	10793	637	592	11816	9082
55°	12632	11861	547	520	12632	11398
65°	12758	12776	413	431	12758	12211
75°	6334	6756	278	296	6334	6804
85°	852	915	117	144	852	1183
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°	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8
2.5°	6917.4	6890.5	6917.4	7016.1	7043.0	7087.8	7087.8	7025.0	6908.4	6854.6	6764.8
5°	7069.9	7025.0	7249.3	7455.7	7617.2	7599.2	7446.7	7321.1	7087.8	6737.9	6406.0
7.5°	6764.8	6809.7	6971.2	7509.5	7886.3	7958.1	7715.9	7464.7	6962.2	6477.7	6029.1
10°	6190.6	6253.4	6603.4	7159.6	7751.8	7868.4	7715.9	7410.8	6809.7	6208.6	5688.2
12.5°	5912.5	6056.1	6262.4	6935.3	7357.0	7635.1	7563.4	7366.0	6693.1	5984.3	5481.9
15°	5912.5	5948.4	6253.4	6818.7	7060.9	7069.9	7096.8	7132.7	6729.0	6083.0	5410.1
17.5°	6100.9	6199.6	6459.8	6809.7	6854.6	6746.9	6746.9	6899.4	6800.7	6361.1	5670.3
20°	6558.5	6522.6	6863.5	7007.1	6764.8	6495.7	6468.8	6729.0	6881.5	6657.2	6145.8
22.5°	7016.1	7177.6	7455.7	7132.7	6684.1	6325.2	6289.3	6612.3	7123.7	7168.6	6693.1
25°	7706.9	7868.4	8011.9	7617.2	6675.1	6280.4	6307.3	6558.5	7419.8	7895.3	7608.2
27.5°	8451.6	8550.3	8756.6	8146.5	6890.5	6226.5	6253.4	6630.3	7697.9	8370.8	8326.0
30°	8873.3	8980.9	8936.1	8245.2	7034.0	6262.4	6190.6	6729.0	7545.4	8370.8	8792.5
32.5°	9286.0	9223.2	9196.2	8406.7	7213.4	6486.7	6307.3	6935.3	7635.1	8505.4	9393.6
35°	9788.4	9698.7	9626.9	8720.7	7509.5	6702.0	6621.3	7204.5	7832.5	8783.5	9878.1
37.5°	10344.7	10344.7	9994.7	8954.0	7859.4	7051.9	6962.2	7590.3	8146.5	8954.0	10542.0
40°	10999.6	11026.5	10407.5	9268.0	8254.2	7608.2	7581.3	8092.7	8451.6	9205.2	11179.0
42.5°	11484.1	11502.0	10766.3	9384.7	8711.8	8379.8	8496.4	8900.2	8801.5	9429.5	11223.9
45°	11816.1	11726.3	11017.6	9716.6	9214.2	9537.2	9573.1	9689.7	9259.0	9564.1	11403.3
47.5°	11977.5	11959.6	11125.2	10102.4	10272.9	10712.5	10918.9	10757.4	9680.7	9420.5	11403.3
50°	12139.0	11986.5	11223.9	10631.8	11304.7	12192.9	12148.0	11851.9	10263.9	9600.0	11232.9
52.5°	12246.7	12112.1	11421.3	11107.3	12291.6	13296.4	13475.9	12928.6	10945.8	9931.9	11313.6
55°	12632.5	12524.8	12013.4	11753.2	13431.0	14462.8	14489.7	13727.1	11663.5	10479.2	11843.0
57.5°	13099.0	13161.8	12829.9	12668.4	14301.3	15315.1	15216.4	14319.2	12273.6	11143.2	12453.1
60°	13431.0	13529.7	13448.9	13466.9	14731.9	15602.2	15377.9	14687.1	12722.2	11645.6	13197.7
62.5°	13251.6	13448.9	13780.9	13709.1	14749.9	15395.9	15081.8	14202.6	12776.1	12300.5	13763.0
65°	12758.1	12776.1	13422.0	13816.8	13942.4	14328.2	13915.5	13188.8	12219.8	12704.3	13682.2
67.5°	11493.1	11636.6	12219.8	12991.4	12462.0	12551.8	12515.9	11466.1	11376.4	12426.1	13063.2
70°	10147.3	10246.0	10883.0	11789.1	10524.1	10102.4	10183.2	9402.6	9770.4	11564.8	11816.1
72.5°	8388.8	8451.6	9178.3	9976.8	8442.6	7689.0	7877.4	7240.4	7760.7	10120.4	9967.8
75°	6334.2	6450.8	7016.1	7958.1	6217.6	5733.1	5921.5	5661.3	6145.8	8334.9	7733.8
77.5°	4503.9	4414.2	5114.0	6226.5	4674.4	4387.3	4405.2	4450.1	4970.5	7025.0	5553.6
80°	3068.4	3095.3	3723.4	4566.7	3669.5	3624.7	3579.8	3938.7	4172.0	5562.6	4037.4
82.5°	1821.3	1821.3	2512.1	3247.8	2897.9	3265.8	3059.4	3382.4	3265.8	4091.2	2646.7
85°	852.3	852.3	1292.0	2341.7	2243.0	2691.6	2287.8	2557.0	2413.5	2853.1	1193.3
87.5°	143.6	125.6	260.2	1148.4	924.1	1049.7	412.7	1363.7	1516.3	1991.8	296.1
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°	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8
2.5°	6666.2	6603.4	6477.7	6316.3	6181.7	6011.2	5957.4	5840.7	5679.2	5661.3	5589.5
5°	6280.4	6065.0	5795.9	5463.9	5239.6	5006.3	4809.0	4692.3	4557.7	4539.8	4503.9
7.5°	5858.7	5589.5	5140.9	4746.2	4360.4	3992.5	3813.1	3588.8	3436.3	3319.6	3265.8
10°	5463.9	5212.7	4656.4	4118.1	3777.2	3534.9	3319.6	3086.3	2897.9	2754.4	2700.6
12.5°	5203.7	4907.7	4306.5	3795.1	3543.9	3265.8	3023.5	2772.3	2530.1	2341.7	2243.0
15°	5087.1	4809.0	4198.9	3633.6	3265.8	2880.0	2601.9	2350.6	2054.6	1920.0	1875.1
17.5°	5365.2	4952.5	4163.0	3445.2	2924.9	2485.2	2144.3	1875.1	1659.8	1525.2	1471.4
20°	5724.1	5212.7	4225.8	3220.9	2601.9	2108.4	1731.6	1444.5	1300.9	1202.2	1193.3
22.5°	6181.7	5598.5	4324.5	3059.4	2243.0	1695.7	1354.8	1184.3	1085.6	1076.6	1058.7
25°	6998.1	6298.3	4486.0	2844.1	1955.9	1399.6	1157.4	1058.7	1013.8	986.9	1004.9
27.5°	7697.9	6755.9	4602.6	2709.5	1839.2	1318.9	1121.5	1013.8	969.0	960.0	969.0
30°	8110.6	7177.6	4566.7	2458.3	1606.0	1256.1	1193.3	1157.4	1067.7	995.9	995.9
32.5°	8487.5	7446.7	4557.7	2234.0	1372.7	1049.7	995.9	969.0	1022.8	1058.7	1031.8
35°	9007.8	7868.4	4530.8	2108.4	1274.0	969.0	879.3	807.5	771.6	753.6	780.6
37.5°	9564.1	8155.5	4459.1	2090.5	1220.2	924.1	852.3	780.6	744.7	726.7	717.8
40°	10174.2	8460.5	4378.3	2000.7	1193.3	897.2	825.4	762.6	717.8	690.8	681.9
42.5°	10569.0	8702.8	4297.6	1955.9	1139.4	879.3	798.5	744.7	699.8	663.9	663.9
45°	10793.3	8989.9	4216.8	1911.0	1076.6	888.2	798.5	726.7	672.9	655.0	637.0
47.5°	10891.9	9205.2	4189.9	1839.2	1022.8	852.3	780.6	708.8	655.0	619.1	610.1
50°	11152.1	9662.8	4288.6	1785.4	960.0	816.4	825.4	699.8	646.0	601.1	592.1
52.5°	11304.7	10030.6	4503.9	1704.7	915.1	771.6	807.5	681.9	619.1	574.2	574.2
55°	11860.9	10640.7	4737.2	1641.9	861.3	708.8	744.7	646.0	574.2	547.3	547.3
57.5°	12569.7	11286.7	4934.6	1615.0	825.4	663.9	663.9	628.0	547.3	511.4	502.4
60°	13063.2	11816.1	5051.2	1597.0	789.5	619.1	592.1	628.0	520.4	484.5	475.5
62.5°	13117.0	11511.0	4934.6	1588.0	780.6	574.2	538.3	601.1	493.5	457.6	439.6
65°	12776.1	10891.9	4611.6	1552.1	771.6	529.3	502.4	520.4	457.6	430.7	412.7
67.5°	12094.2	9887.1	4145.0	1534.2	762.6	493.5	457.6	448.6	421.7	394.8	376.8
70°	10506.1	8577.2	3597.8	1453.5	744.7	466.5	412.7	403.7	376.8	358.9	349.9
72.5°	8819.4	7016.1	2969.7	1345.8	708.8	421.7	376.8	358.9	349.9	323.0	314.0
75°	6755.9	5401.1	2377.6	1193.3	619.1	376.8	332.0	314.0	305.0	287.1	278.1
77.5°	4746.2	4019.4	1758.5	969.0	520.4	340.9	296.1	278.1	269.2	242.2	242.2
80°	3220.9	2817.2	1193.3	672.9	403.7	278.1	260.2	242.2	224.3	206.4	206.4
82.5°	2000.7	1973.8	861.3	439.6	296.1	224.3	206.4	206.4	179.4	161.5	161.5
85°	915.1	1211.2	601.1	305.0	224.3	170.5	170.5	161.5	143.6	116.6	116.6
87.5°	287.1	403.7	314.0	134.6	125.6	98.7	98.7	89.7	89.7	71.8	71.8
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°	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8
2.5°	5661.3	5652.3	5652.3	5616.4	5706.2	5706.2	5760.0	5715.1	5742.0	5751.0	5822.8
5°	4494.9	4566.7	4620.6	4728.2	4791.0	4817.9	4817.9	4889.7	4862.8	4916.6	5024.3
7.5°	3292.7	3382.4	3543.9	3678.5	3786.2	3822.0	3813.1	3831.0	3857.9	3795.1	3813.1
10°	2664.7	2601.9	2655.7	2781.3	2880.0	2996.6	2906.9	2897.9	2924.9	2897.9	2951.8
12.5°	2225.0	2153.3	2108.4	2108.4	2180.2	2234.0	2207.1	2252.0	2350.6	2377.6	2440.4
15°	1803.4	1740.6	1704.7	1659.8	1731.6	1749.5	1776.4	1839.2	1911.0	1946.9	2018.7
17.5°	1444.5	1444.5	1444.5	1408.6	1435.5	1462.4	1471.4	1552.1	1561.1	1597.0	1623.9
20°	1184.3	1211.2	1256.1	1274.0	1300.9	1300.9	1283.0	1327.8	1292.0	1318.9	1336.8
22.5°	1067.7	1103.5	1121.5	1130.5	1166.4	1175.3	1130.5	1139.4	1148.4	1121.5	1130.5
25°	1004.9	1022.8	1004.9	1013.8	1022.8	1004.9	1013.8	1031.8	1022.8	1040.7	1031.8
27.5°	977.9	960.0	951.0	942.1	942.1	924.1	933.1	933.1	951.0	960.0	960.0
30°	977.9	951.0	915.1	888.2	888.2	861.3	879.3	897.2	906.2	924.1	924.1
32.5°	1004.9	951.0	888.2	861.3	834.4	816.4	834.4	861.3	897.2	906.2	915.1
35°	798.5	825.4	816.4	780.6	771.6	771.6	762.6	762.6	735.7	735.7	726.7
37.5°	717.8	708.8	726.7	735.7	744.7	717.8	717.8	681.9	672.9	681.9	681.9
40°	672.9	672.9	672.9	699.8	708.8	690.8	663.9	646.0	646.0	646.0	655.0
42.5°	655.0	637.0	628.0	646.0	672.9	655.0	628.0	619.1	619.1	628.0	628.0
45°	628.0	619.1	610.1	601.1	637.0	610.1	601.1	592.1	592.1	592.1	601.1
47.5°	601.1	592.1	574.2	574.2	583.2	574.2	565.2	565.2	565.2	583.2	583.2
50°	583.2	574.2	556.3	556.3	556.3	556.3	547.3	547.3	547.3	556.3	565.2
52.5°	556.3	547.3	538.3	529.3	529.3	529.3	529.3	529.3	529.3	538.3	547.3
55°	529.3	520.4	511.4	511.4	520.4	520.4	511.4	520.4	511.4	520.4	529.3
57.5°	502.4	493.5	484.5	493.5	502.4	493.5	493.5	493.5	493.5	493.5	502.4
60°	466.5	466.5	466.5	466.5	484.5	484.5	484.5	484.5	466.5	475.5	484.5
62.5°	448.6	439.6	439.6	448.6	457.6	457.6	466.5	457.6	448.6	457.6	457.6
65°	412.7	412.7	412.7	421.7	421.7	430.7	430.7	430.7	421.7	430.7	430.7
67.5°	385.8	385.8	385.8	385.8	403.7	403.7	403.7	403.7	394.8	394.8	403.7
70°	340.9	349.9	340.9	358.9	376.8	367.8	376.8	376.8	367.8	358.9	376.8
72.5°	314.0	314.0	314.0	314.0	340.9	340.9	340.9	349.9	340.9	332.0	340.9
75°	278.1	278.1	278.1	287.1	305.0	305.0	305.0	305.0	305.0	296.1	296.1
77.5°	242.2	251.2	242.2	251.2	269.2	260.2	269.2	278.1	269.2	260.2	260.2
80°	206.4	206.4	206.4	215.3	224.3	224.3	224.3	233.3	224.3	215.3	215.3
82.5°	161.5	161.5	170.5	170.5	179.4	179.4	179.4	188.4	179.4	170.5	170.5
85°	125.6	125.6	125.6	134.6	134.6	143.6	143.6	152.5	152.5	143.6	143.6
87.5°	80.7	71.8	80.7	80.7	89.7	89.7	80.7	71.8	80.7	71.8	62.8
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: P598894
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8	6459.8
2.5°	5894.6	6056.1	6172.7	6253.4	6370.1	6594.4	6684.1	6845.6	6890.5	6917.4
5°	5069.1	5239.6	5490.8	5670.3	5876.6	6298.3	6621.3	6863.5	6971.2	7069.9
7.5°	3974.6	4198.9	4459.1	4692.3	5033.3	5553.6	5975.3	6477.7	6666.2	6764.8
10°	3104.3	3310.6	3597.8	3884.9	4360.4	4800.0	5401.1	5858.7	6118.9	6190.6
12.5°	2619.8	2862.1	3203.0	3552.9	3849.0	4351.4	4961.5	5625.4	5867.7	5912.5
15°	2225.0	2557.0	2906.9	3265.8	3606.7	4046.3	4701.3	5508.8	5867.7	5912.5
17.5°	1839.2	2135.3	2548.0	2933.8	3328.6	3929.7	4746.2	5607.5	5966.3	6100.9
20°	1462.4	1749.5	2072.5	2557.0	3095.3	3732.3	4844.9	5939.4	6414.9	6558.5
22.5°	1211.2	1336.8	1650.8	2117.4	2754.4	3597.8	4943.5	6459.8	6962.2	7016.1
25°	1058.7	1148.4	1345.8	1785.4	2485.2	3508.0	5176.8	7060.9	7706.9	7706.9
27.5°	986.9	1022.8	1157.4	1552.1	2296.8	3427.3	5410.1	7724.8	8326.0	8451.6
30°	969.0	1058.7	1130.5	1381.7	2090.5	3203.0	5625.4	8245.2	8864.3	8873.3
32.5°	951.0	933.1	986.9	1202.2	1839.2	2969.7	5804.8	8774.6	9259.0	9286.0
35°	744.7	780.6	870.3	1058.7	1650.8	2799.2	5894.6	9061.7	9761.5	9788.4
37.5°	699.8	744.7	816.4	977.9	1525.2	2655.7	5921.5	9617.9	10290.8	10344.7
40°	681.9	717.8	771.6	906.2	1426.5	2476.3	5975.3	10192.1	11071.4	10999.6
42.5°	646.0	690.8	744.7	870.3	1345.8	2341.7	5984.3	10506.1	11484.1	11484.1
45°	637.0	663.9	726.7	870.3	1256.1	2225.0	5840.7	10820.2	11959.6	11816.1
47.5°	601.1	655.0	708.8	843.4	1148.4	2108.4	5670.3	10981.7	12022.4	11977.5
50°	592.1	646.0	735.7	798.5	1085.6	2054.6	5634.4	11385.4	12148.0	12139.0
52.5°	574.2	628.0	762.6	762.6	1004.9	1982.8	5804.8	11564.8	12174.9	12246.7
55°	547.3	628.0	708.8	699.8	933.1	1893.1	5993.3	12031.4	12650.4	12632.5
57.5°	529.3	610.1	672.9	637.0	852.3	1830.3	6271.4	12480.0	13224.6	13099.0
60°	502.4	610.1	601.1	592.1	789.5	1776.4	6504.7	12569.7	13350.3	13431.0
62.5°	484.5	637.0	529.3	547.3	735.7	1749.5	6406.0	11896.8	13179.8	13251.6
65°	466.5	547.3	484.5	502.4	717.8	1695.7	6020.2	11089.3	12444.1	12758.1
67.5°	430.7	448.6	448.6	466.5	699.8	1570.1	5230.6	9635.9	11322.6	11493.1
70°	394.8	403.7	403.7	430.7	681.9	1426.5	4315.5	8334.9	9824.3	10147.3
72.5°	358.9	358.9	358.9	394.8	628.0	1309.9	3552.9	6406.0	8164.5	8388.8
75°	314.0	314.0	314.0	349.9	565.2	1193.3	2799.2	4764.1	6011.2	6334.2
77.5°	278.1	278.1	269.2	314.0	493.5	969.0	2018.7	3364.5	4234.8	4503.9
80°	233.3	224.3	224.3	251.2	385.8	699.8	1300.9	2377.6	2951.8	3068.4
82.5°	188.4	179.4	170.5	188.4	278.1	439.6	807.5	1659.8	1893.1	1821.3
85°	179.4	188.4	152.5	143.6	197.4	287.1	511.4	1022.8	852.3	852.3
87.5°	71.8	62.8	62.8	53.8	98.7	107.7	224.3	188.4	143.6	143.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)