

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: P598938

Luminaire Tested: **IFLD-S-SA2D-735-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598938
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2D-735-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

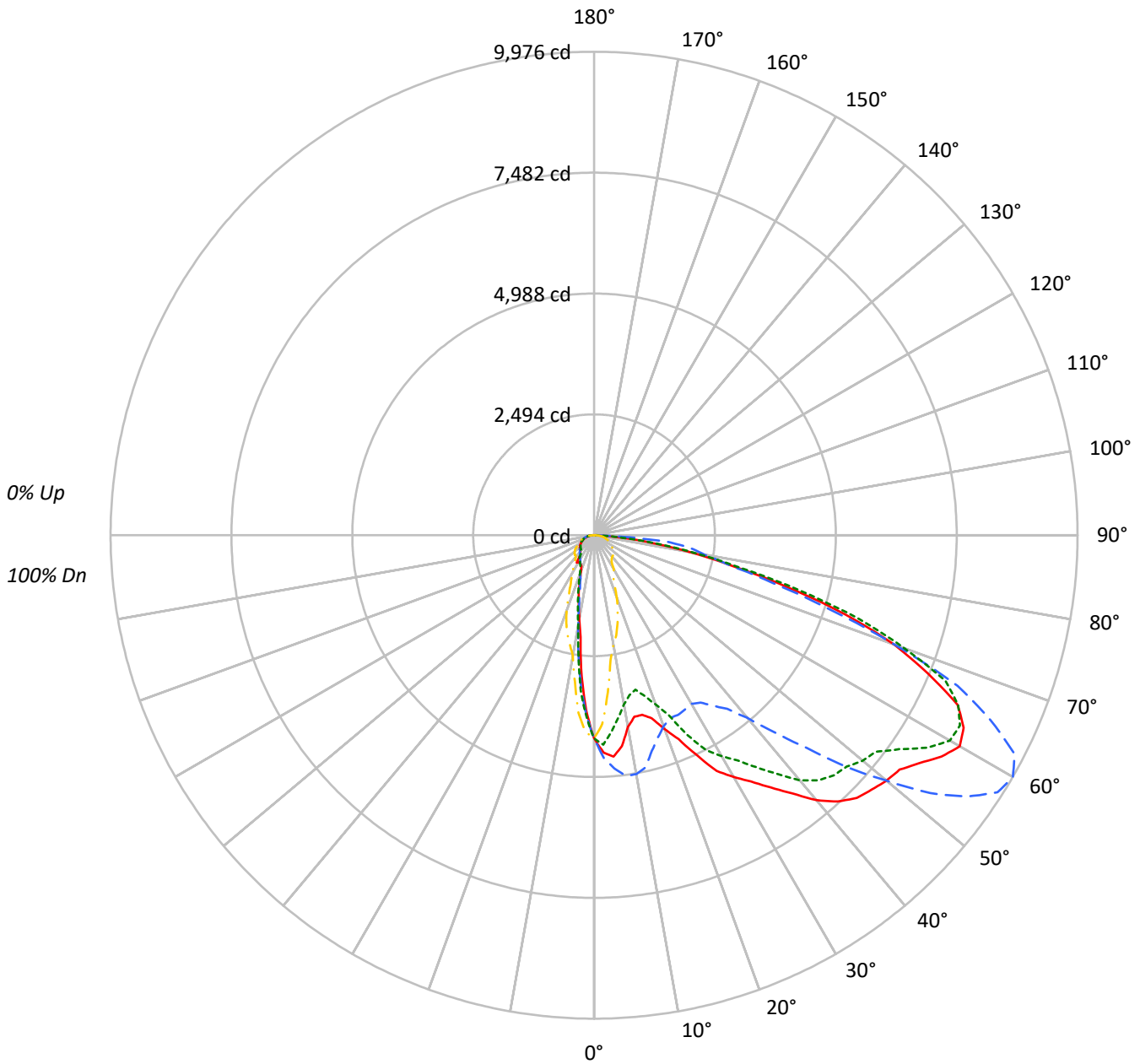
Lumens per Lamp: N/A
 Luminaire Lumens: 13120.8 lumens
 Efficiency: N/A
 Efficacy: 105.9 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 123.9
 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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77	77	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60	60	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47	47	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38	38	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31	31	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26	26	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22	22	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19	19	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17	17	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15	15	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	90217	90217	90217	90217
5°	99115	88046	63142	68927
10°	87792	77485	38296	41097
15°	85487	73552	27112	28149
20°	97473	85072	17734	19601
25°	118760	107838	15485	16038
30°	143094	130796	16061	14902
35°	166885	153576	13309	12544
40°	200534	185488	12433	11778
45°	233376	213176	12583	11694
50°	263744	242303	12864	12087
55°	307587	288799	13324	12671
60°	375153	364875	13283	13283
65°	421603	422199	13636	14232
70°	414349	429002	14288	14653
75°	341792	364549	15005	15978
80°	246782	259043	16600	17319
85°	136569	146646	18698	22996

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	325.6	2.5
10°-20°	687.4	5.2
20°-30°	1005.7	7.7
30°-40°	1417.0	10.8
40°-50°	1947.3	14.8
50°-60°	2654.0	20.2
60°-70°	2904.7	22.1
70°-80°	1677.0	12.8
80°-90°	502.2	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°	2018.6	15.4
0°-40°	3435.6	26.2
0°-60°	8036.9	61.3
0°-90°	13120.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	13120.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4191	4191	4191	4191	4191	
5°	4586	4074	2922	3190	4586	416
15°	3836	3300	1216	1263	3836	1121
25°	5000	4540	652	675	5000	2341
35°	6350	5844	506	477	6350	4027
45°	7666	7002	413	384	7666	5892
55°	8195	7695	355	338	8195	7394
65°	8277	8288	268	279	8277	7922
75°	4109	4383	180	192	4109	4414
85°	553	594	76	93	553	767
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°	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7
2.5°	4487.5	4470.1	4487.5	4551.6	4569.0	4598.1	4598.1	4557.4	4481.7	4446.8	4388.6
5°	4586.5	4557.4	4702.9	4836.8	4941.5	4929.9	4831.0	4749.5	4598.1	4371.1	4155.8
7.5°	4388.6	4417.7	4522.5	4871.7	5116.2	5162.7	5005.6	4842.6	4516.6	4202.3	3911.3
10°	4016.1	4056.8	4283.8	4644.7	5028.8	5104.5	5005.6	4807.7	4417.7	4027.7	3690.1
12.5°	3835.7	3928.8	4062.7	4499.2	4772.7	4953.2	4906.6	4778.6	4342.0	3882.2	3556.3
15°	3835.7	3858.9	4056.8	4423.5	4580.7	4586.5	4604.0	4627.2	4365.3	3946.2	3509.7
17.5°	3957.9	4021.9	4190.7	4417.7	4446.8	4377.0	4377.0	4475.9	4411.9	4126.7	3678.5
20°	4254.7	4231.4	4452.6	4545.8	4388.6	4214.0	4196.5	4365.3	4464.3	4318.8	3987.0
22.5°	4551.6	4656.3	4836.8	4627.2	4336.2	4103.4	4080.1	4289.7	4621.4	4650.5	4342.0
25°	4999.7	5104.5	5197.6	4941.5	4330.4	4074.3	4091.8	4254.7	4813.5	5122.0	4935.7
27.5°	5482.8	5546.9	5680.7	5284.9	4470.1	4039.4	4056.8	4301.3	4993.9	5430.5	5401.4
30°	5756.4	5826.2	5797.1	5349.0	4563.2	4062.7	4016.1	4365.3	4895.0	5430.5	5704.0
32.5°	6024.1	5983.4	5965.9	5453.7	4679.6	4208.2	4091.8	4499.2	4953.2	5517.8	6094.0
35°	6350.1	6291.9	6245.3	5657.5	4871.7	4347.9	4295.5	4673.8	5081.2	5698.2	6408.3
37.5°	6710.9	6710.9	6484.0	5808.8	5098.7	4574.9	4516.6	4924.1	5284.9	5808.8	6839.0
40°	7135.8	7153.3	6751.7	6012.5	5354.8	4935.7	4918.3	5250.0	5482.8	5971.8	7252.2
42.5°	7450.1	7461.8	6984.5	6088.2	5651.6	5436.3	5511.9	5773.9	5709.8	6117.3	7281.3
45°	7665.5	7607.3	7147.5	6303.5	5977.6	6187.1	6210.4	6286.1	6006.7	6204.6	7397.8
47.5°	7770.3	7758.6	7217.3	6553.8	6664.4	6949.6	7083.5	6978.7	6280.2	6111.4	7397.8
50°	7875.0	7776.1	7281.3	6897.2	7333.7	7910.0	7880.9	7688.8	6658.6	6227.9	7287.2
52.5°	7944.9	7857.6	7409.4	7205.7	7974.0	8625.9	8742.3	8387.2	7100.9	6443.2	7339.6
55°	8195.2	8125.3	7793.5	7624.8	8713.2	9382.5	9400.0	8905.2	7566.6	6798.3	7683.0
57.5°	8497.8	8538.6	8323.2	8218.4	9277.8	9935.5	9871.4	9289.4	7962.3	7229.0	8078.7
60°	8713.2	8777.2	8724.8	8736.5	9557.1	10121.7	9976.2	9528.0	8253.4	7554.9	8561.8
62.5°	8596.8	8724.8	8940.2	8893.6	9568.8	9987.8	9784.1	9213.7	8288.3	7979.8	8928.5
65°	8276.6	8288.3	8707.4	8963.5	9044.9	9295.2	9027.5	8556.0	7927.4	8241.7	8876.1
67.5°	7456.0	7549.1	7927.4	8428.0	8084.6	8142.8	8119.5	7438.5	7380.3	8061.3	8474.5
70°	6582.9	6646.9	7060.2	7648.0	6827.4	6553.8	6606.2	6099.8	6338.4	7502.5	7665.5
72.5°	5442.1	5482.8	5954.3	6472.3	5477.0	4988.1	5110.3	4697.1	5034.7	6565.4	6466.5
75°	4109.2	4184.9	4551.6	5162.7	4033.6	3719.3	3841.5	3672.7	3987.0	5407.2	5017.2
77.5°	2921.9	2863.6	3317.6	4039.4	3032.4	2846.2	2857.8	2886.9	3224.5	4557.4	3602.8
80°	1990.6	2008.0	2415.5	2962.6	2380.6	2351.5	2322.3	2555.2	2706.5	3608.7	2619.2
82.5°	1181.5	1181.5	1629.7	2107.0	1880.0	2118.6	1984.8	2194.3	2118.6	2654.1	1717.0
85°	552.9	552.9	838.1	1519.1	1455.1	1746.1	1484.2	1658.8	1565.7	1850.9	774.1
87.5°	93.1	81.5	168.8	745.0	599.5	681.0	267.7	884.7	983.7	1292.1	192.1
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°	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7
2.5°	4324.6	4283.8	4202.3	4097.6	4010.3	3899.7	3864.8	3789.1	3684.3	3672.7	3626.1
5°	4074.3	3934.6	3760.0	3544.6	3399.1	3247.8	3119.7	3044.1	2956.8	2945.1	2921.9
7.5°	3800.7	3626.1	3335.1	3079.0	2828.7	2590.1	2473.7	2328.2	2229.2	2153.6	2118.6
10°	3544.6	3381.7	3020.8	2671.6	2450.4	2293.2	2153.6	2002.2	1880.0	1786.9	1751.9
12.5°	3375.8	3183.8	2793.8	2462.0	2299.1	2118.6	1961.5	1798.5	1641.4	1519.1	1455.1
15°	3300.2	3119.7	2724.0	2357.3	2118.6	1868.4	1687.9	1525.0	1332.9	1245.6	1216.5
17.5°	3480.6	3212.9	2700.7	2235.0	1897.5	1612.3	1391.1	1216.5	1076.8	989.5	954.5
20°	3713.4	3381.7	2741.4	2089.5	1687.9	1367.8	1123.3	937.1	844.0	779.9	774.1
22.5°	4010.3	3631.9	2805.4	1984.8	1455.1	1100.1	878.9	768.3	704.3	698.5	686.8
25°	4539.9	4085.9	2910.2	1845.1	1268.9	908.0	750.8	686.8	657.7	640.2	651.9
27.5°	4993.9	4382.8	2985.9	1757.8	1193.2	855.6	727.6	657.7	628.6	622.8	628.6
30°	5261.7	4656.3	2962.6	1594.8	1041.9	814.9	774.1	750.8	692.6	646.1	646.1
32.5°	5506.1	4831.0	2956.8	1449.3	890.5	681.0	646.1	628.6	663.5	686.8	669.3
35°	5843.7	5104.5	2939.3	1367.8	826.5	628.6	570.4	523.8	500.6	488.9	506.4
37.5°	6204.6	5290.8	2892.8	1356.2	791.6	599.5	552.9	506.4	483.1	471.5	465.6
40°	6600.4	5488.7	2840.4	1298.0	774.1	582.0	535.5	494.7	465.6	448.2	442.4
42.5°	6856.5	5645.8	2788.0	1268.9	739.2	570.4	518.0	483.1	454.0	430.7	430.7
45°	7002.0	5832.1	2735.6	1239.8	698.5	576.2	518.0	471.5	436.5	424.9	413.3
47.5°	7066.0	5971.8	2718.1	1193.2	663.5	552.9	506.4	459.8	424.9	401.6	395.8
50°	7234.8	6268.6	2782.2	1158.3	622.8	529.7	535.5	454.0	419.1	390.0	384.1
52.5°	7333.7	6507.2	2921.9	1105.9	593.7	500.6	523.8	442.4	401.6	372.5	372.5
55°	7694.6	6903.0	3073.2	1065.1	558.8	459.8	483.1	419.1	372.5	355.0	355.0
57.5°	8154.4	7322.1	3201.2	1047.7	535.5	430.7	430.7	407.4	355.0	331.8	325.9
60°	8474.5	7665.5	3276.9	1036.0	512.2	401.6	384.1	407.4	337.6	314.3	308.5
62.5°	8509.5	7467.6	3201.2	1030.2	506.4	372.5	349.2	390.0	320.1	296.8	285.2
65°	8288.3	7066.0	2991.7	1006.9	500.6	343.4	325.9	337.6	296.8	279.4	267.7
67.5°	7845.9	6414.1	2689.0	995.3	494.7	320.1	296.8	291.0	273.6	256.1	244.5
70°	6815.7	5564.3	2334.0	942.9	483.1	302.7	267.7	261.9	244.5	232.8	227.0
72.5°	5721.5	4551.6	1926.6	873.1	459.8	273.6	244.5	232.8	227.0	209.5	203.7
75°	4382.8	3503.9	1542.4	774.1	401.6	244.5	215.4	203.7	197.9	186.3	180.4
77.5°	3079.0	2607.5	1140.8	628.6	337.6	221.2	192.1	180.4	174.6	157.2	157.2
80°	2089.5	1827.6	774.1	436.5	261.9	180.4	168.8	157.2	145.5	133.9	133.9
82.5°	1298.0	1280.5	558.8	285.2	192.1	145.5	133.9	133.9	116.4	104.8	104.8
85°	593.7	785.8	390.0	197.9	145.5	110.6	110.6	104.8	93.1	75.7	75.7
87.5°	186.3	261.9	203.7	87.3	81.5	64.0	64.0	58.2	58.2	46.6	46.6
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°	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7
2.5°	3672.7	3666.9	3666.9	3643.6	3701.8	3701.8	3736.7	3707.6	3725.1	3730.9	3777.5
5°	2916.0	2962.6	2997.5	3067.4	3108.1	3125.6	3125.6	3172.1	3154.7	3189.6	3259.4
7.5°	2136.1	2194.3	2299.1	2386.4	2456.2	2479.5	2473.7	2485.3	2502.8	2462.0	2473.7
10°	1728.7	1687.9	1722.8	1804.3	1868.4	1944.0	1885.8	1880.0	1897.5	1880.0	1914.9
12.5°	1443.5	1396.9	1367.8	1367.8	1414.4	1449.3	1431.8	1460.9	1525.0	1542.4	1583.2
15°	1169.9	1129.2	1105.9	1076.8	1123.3	1135.0	1152.4	1193.2	1239.8	1263.0	1309.6
17.5°	937.1	937.1	937.1	913.8	931.3	948.7	954.5	1006.9	1012.8	1036.0	1053.5
20°	768.3	785.8	814.9	826.5	844.0	844.0	832.3	861.4	838.1	855.6	867.2
22.5°	692.6	715.9	727.6	733.4	756.7	762.5	733.4	739.2	745.0	727.6	733.4
25°	651.9	663.5	651.9	657.7	663.5	651.9	657.7	669.3	663.5	675.2	669.3
27.5°	634.4	622.8	617.0	611.1	611.1	599.5	605.3	605.3	617.0	622.8	622.8
30°	634.4	617.0	593.7	576.2	576.2	558.8	570.4	582.0	587.9	599.5	599.5
32.5°	651.9	617.0	576.2	558.8	541.3	529.7	541.3	558.8	582.0	587.9	593.7
35°	518.0	535.5	529.7	506.4	500.6	500.6	494.7	494.7	477.3	477.3	471.5
37.5°	465.6	459.8	471.5	477.3	483.1	465.6	465.6	442.4	436.5	442.4	442.4
40°	436.5	436.5	436.5	454.0	459.8	448.2	430.7	419.1	419.1	419.1	424.9
42.5°	424.9	413.3	407.4	419.1	436.5	424.9	407.4	401.6	401.6	407.4	407.4
45°	407.4	401.6	395.8	390.0	413.3	395.8	390.0	384.1	384.1	384.1	390.0
47.5°	390.0	384.1	372.5	372.5	378.3	372.5	366.7	366.7	366.7	378.3	378.3
50°	378.3	372.5	360.9	360.9	360.9	360.9	355.0	355.0	355.0	360.9	366.7
52.5°	360.9	355.0	349.2	343.4	343.4	343.4	343.4	343.4	343.4	349.2	355.0
55°	343.4	337.6	331.8	331.8	337.6	337.6	331.8	337.6	331.8	337.6	343.4
57.5°	325.9	320.1	314.3	320.1	325.9	320.1	320.1	320.1	320.1	320.1	325.9
60°	302.7	302.7	302.7	302.7	314.3	314.3	314.3	314.3	302.7	308.5	314.3
62.5°	291.0	285.2	285.2	291.0	296.8	296.8	302.7	296.8	291.0	296.8	296.8
65°	267.7	267.7	267.7	273.6	273.6	279.4	279.4	279.4	273.6	279.4	279.4
67.5°	250.3	250.3	250.3	250.3	261.9	261.9	261.9	261.9	256.1	256.1	261.9
70°	221.2	227.0	221.2	232.8	244.5	238.6	244.5	244.5	238.6	232.8	244.5
72.5°	203.7	203.7	203.7	203.7	221.2	221.2	221.2	227.0	221.2	215.4	221.2
75°	180.4	180.4	180.4	186.3	197.9	197.9	197.9	197.9	197.9	192.1	192.1
77.5°	157.2	163.0	157.2	163.0	174.6	168.8	174.6	180.4	174.6	168.8	168.8
80°	133.9	133.9	133.9	139.7	145.5	145.5	145.5	151.3	145.5	139.7	139.7
82.5°	104.8	104.8	110.6	110.6	116.4	116.4	116.4	122.2	116.4	110.6	110.6
85°	81.5	81.5	81.5	87.3	87.3	93.1	93.1	98.9	98.9	93.1	93.1
87.5°	52.4	46.6	52.4	52.4	58.2	58.2	52.4	46.6	52.4	46.6	40.7
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7	4190.7
2.5°	3824.0	3928.8	4004.5	4056.8	4132.5	4278.0	4336.2	4441.0	4470.1	4487.5
5°	3288.5	3399.1	3562.1	3678.5	3812.4	4085.9	4295.5	4452.6	4522.5	4586.5
7.5°	2578.4	2724.0	2892.8	3044.1	3265.3	3602.8	3876.4	4202.3	4324.6	4388.6
10°	2013.9	2147.7	2334.0	2520.2	2828.7	3113.9	3503.9	3800.7	3969.5	4016.1
12.5°	1699.6	1856.7	2077.9	2304.9	2497.0	2822.9	3218.7	3649.4	3806.6	3835.7
15°	1443.5	1658.8	1885.8	2118.6	2339.8	2625.0	3049.9	3573.7	3806.6	3835.7
17.5°	1193.2	1385.3	1653.0	1903.3	2159.4	2549.3	3079.0	3637.8	3870.6	3957.9
20°	948.7	1135.0	1344.5	1658.8	2008.0	2421.3	3143.0	3853.1	4161.6	4254.7
22.5°	785.8	867.2	1071.0	1373.6	1786.9	2334.0	3207.1	4190.7	4516.6	4551.6
25°	686.8	745.0	873.1	1158.3	1612.3	2275.8	3358.4	4580.7	4999.7	4999.7
27.5°	640.2	663.5	750.8	1006.9	1490.0	2223.4	3509.7	5011.4	5401.4	5482.8
30°	628.6	686.8	733.4	896.3	1356.2	2077.9	3649.4	5349.0	5750.6	5756.4
32.5°	617.0	605.3	640.2	779.9	1193.2	1926.6	3765.8	5692.4	6006.7	6024.1
35°	483.1	506.4	564.6	686.8	1071.0	1816.0	3824.0	5878.6	6332.6	6350.1
37.5°	454.0	483.1	529.7	634.4	989.5	1722.8	3841.5	6239.5	6676.0	6710.9
40°	442.4	465.6	500.6	587.9	925.4	1606.4	3876.4	6612.0	7182.4	7135.8
42.5°	419.1	448.2	483.1	564.6	873.1	1519.1	3882.2	6815.7	7450.1	7450.1
45°	413.3	430.7	471.5	564.6	814.9	1443.5	3789.1	7019.4	7758.6	7665.5
47.5°	390.0	424.9	459.8	547.1	745.0	1367.8	3678.5	7124.2	7799.4	7770.3
50°	384.1	419.1	477.3	518.0	704.3	1332.9	3655.2	7386.1	7880.9	7875.0
52.5°	372.5	407.4	494.7	494.7	651.9	1286.3	3765.8	7502.5	7898.3	7944.9
55°	355.0	407.4	459.8	454.0	605.3	1228.1	3888.0	7805.2	8206.8	8195.2
57.5°	343.4	395.8	436.5	413.3	552.9	1187.4	4068.5	8096.2	8579.3	8497.8
60°	325.9	395.8	390.0	384.1	512.2	1152.4	4219.8	8154.4	8660.8	8713.2
62.5°	314.3	413.3	343.4	355.0	477.3	1135.0	4155.8	7717.9	8550.2	8596.8
65°	302.7	355.0	314.3	325.9	465.6	1100.1	3905.5	7194.0	8072.9	8276.6
67.5°	279.4	291.0	291.0	302.7	454.0	1018.6	3393.3	6251.1	7345.4	7456.0
70°	256.1	261.9	261.9	279.4	442.4	925.4	2799.6	5407.2	6373.4	6582.9
72.5°	232.8	232.8	232.8	256.1	407.4	849.8	2304.9	4155.8	5296.6	5442.1
75°	203.7	203.7	203.7	227.0	366.7	774.1	1816.0	3090.6	3899.7	4109.2
77.5°	180.4	180.4	174.6	203.7	320.1	628.6	1309.6	2182.7	2747.2	2921.9
80°	151.3	145.5	145.5	163.0	250.3	454.0	844.0	1542.4	1914.9	1990.6
82.5°	122.2	116.4	110.6	122.2	180.4	285.2	523.8	1076.8	1228.1	1181.5
85°	116.4	122.2	98.9	93.1	128.0	186.3	331.8	663.5	552.9	552.9
87.5°	46.6	40.7	40.7	34.9	64.0	69.8	145.5	122.2	93.1	93.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)