

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: P598918

Luminaire Tested: **IFLD-S-SA6C-730-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598918
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6C-730-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (96) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

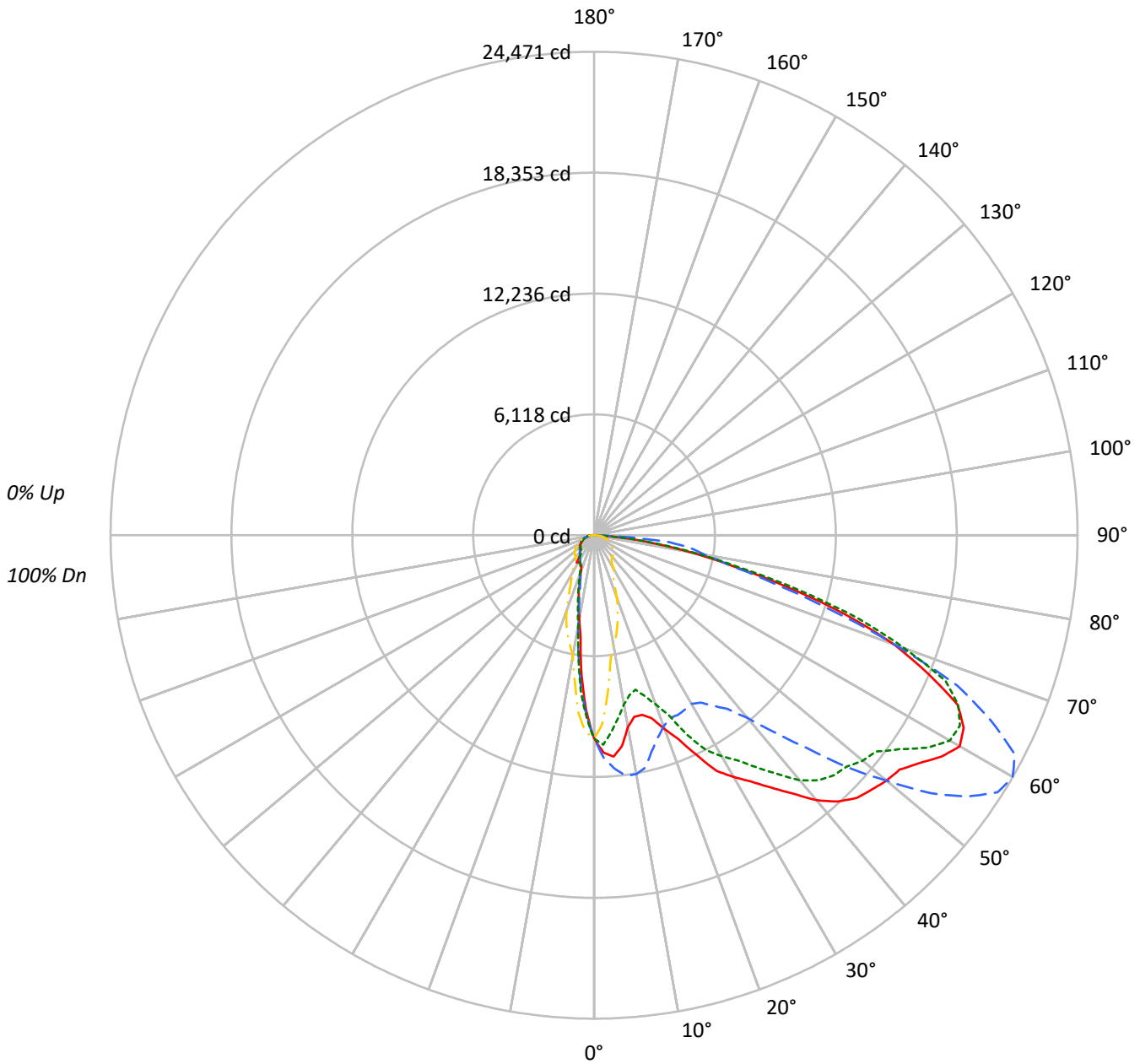
Lumens per Lamp: N/A
 Luminaire Lumens: 32184.4 lumens
 Efficiency: N/A
 Efficacy: 100.1 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 321.5
 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	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77	77	77	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60	60	60	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47	47	47	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38	38	38	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31	31	31	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26	26	26	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22	22	22	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19	19	19	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17	17	17	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15	15	15	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	73765	73765	73765	73765
5°	81040	71990	51627	56358
10°	71782	63355	31314	33602
15°	69897	60139	22168	23016
20°	79699	69559	14501	16027
25°	97104	88173	12661	13113
30°	116999	106944	13132	12185
35°	136452	125571	10881	10256
40°	163966	151662	10165	9630
45°	190818	174300	10287	9563
50°	215650	198117	10520	9882
55°	251495	236134	10896	10360
60°	306740	298338	10860	10860
65°	344722	345208	11151	11636
70°	338789	350772	11682	11982
75°	279464	298068	12271	13062
80°	201780	211809	13571	14162
85°	111671	119904	15281	18805

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	798.6	2.5
10°-20°	1686.1	5.2
20°-30°	2466.9	7.7
30°-40°	3475.7	10.8
40°-50°	4776.7	14.8
50°-60°	6510.1	20.2
60°-70°	7125.0	22.1
70°-80°	4113.5	12.8
80°-90°	1231.8	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°	4951.5	15.4
0°-40°	8427.3	26.2
0°-60°	19714.0	61.3
0°-90°	32184.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	32184.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	10280	10280	10280	10280	10280	
5°	11250	9994	7167	7824	11250	1022
15°	9409	8095	2984	3098	9409	2749
25°	12264	11136	1599	1656	12264	5743
35°	15576	14334	1242	1171	15576	9877
45°	18803	17175	1014	942	18803	14452
55°	20102	18874	871	828	20102	18138
65°	20302	20331	657	685	20302	19431
75°	10080	10751	443	471	10080	10828
85°	1356	1456	186	228	1356	1882
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°	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5
2.5°	11007.6	10964.8	11007.6	11164.7	11207.5	11278.9	11278.9	11179.0	10993.4	10907.7	10764.9
5°	11250.3	11179.0	11535.9	11864.3	12121.2	12092.7	11850.0	11650.1	11278.9	10722.1	10193.8
7.5°	10764.9	10836.3	11093.3	11949.9	12549.6	12663.8	12278.3	11878.5	11079.0	10308.1	9594.2
10°	9851.2	9951.1	10507.9	11393.1	12335.4	12521.0	12278.3	11792.9	10836.3	9879.7	9051.7
12.5°	9408.6	9637.0	9965.4	11036.2	11707.2	12149.8	12035.6	11721.5	10650.7	9522.8	8723.3
15°	9408.6	9465.7	9951.1	10850.6	11236.1	11250.3	11293.2	11350.3	10707.8	9679.9	8609.1
17.5°	9708.4	9865.5	10279.5	10836.3	10907.7	10736.4	10736.4	10979.1	10822.0	10122.5	9023.1
20°	10436.6	10379.4	10922.0	11150.4	10764.9	10336.6	10293.8	10707.8	10950.5	10593.6	9779.8
22.5°	11164.7	11421.7	11864.3	11350.3	10636.4	10065.3	10008.2	10522.2	11336.0	11407.4	10650.7
25°	12264.0	12521.0	12749.4	12121.2	10622.2	9994.0	10036.8	10436.6	11807.2	12563.8	12107.0
27.5°	13449.0	13606.1	13934.4	12963.6	10964.8	9908.3	9951.1	10550.8	12249.7	13320.5	13249.1
30°	14120.0	14291.4	14220.0	13120.6	11193.2	9965.4	9851.2	10707.8	12007.0	13320.5	13991.5
32.5°	14776.8	14676.8	14634.0	13377.6	11478.8	10322.3	10036.8	11036.2	12149.8	13534.7	14948.1
35°	15576.3	15433.5	15319.3	13877.3	11949.9	10665.0	10536.5	11464.5	12463.9	13977.3	15719.1
37.5°	16461.5	16461.5	15904.7	14248.5	12506.7	11221.8	11079.0	12078.4	12963.6	14248.5	16775.6
40°	17503.7	17546.5	16561.4	14748.2	13134.9	12107.0	12064.1	12877.9	13449.0	14648.3	17789.3
42.5°	18274.7	18303.2	17132.5	14933.8	13863.1	13334.8	13520.4	14162.9	14005.8	15005.2	17860.6
45°	18802.9	18660.2	17532.3	15462.1	14662.6	15176.5	15233.7	15419.3	14734.0	15219.4	18146.2
47.5°	19059.9	19031.4	17703.6	16076.0	16347.3	17046.8	17375.2	17118.2	15405.0	14990.9	18146.2
50°	19316.9	19074.2	17860.6	16918.4	17989.1	19402.6	19331.2	18860.0	16333.0	15276.5	17874.9
52.5°	19488.2	19274.1	18174.7	17675.0	19559.6	21158.6	21444.2	20573.3	17418.1	15804.7	18003.4
55°	20102.1	19930.8	19117.0	18703.0	21372.8	23014.7	23057.5	21843.9	18560.2	16675.6	18845.8
57.5°	20844.6	20944.5	20416.2	20159.3	22757.7	24371.0	24213.9	22786.2	19531.1	17732.1	19816.6
60°	21372.8	21529.9	21401.4	21429.9	23443.0	24827.9	24470.9	23371.6	20244.9	18531.7	21001.6
62.5°	21087.3	21401.4	21929.6	21815.4	23471.5	24499.5	23999.8	22600.6	20330.6	19573.9	21901.1
65°	20302.0	20330.6	21358.5	21986.7	22186.6	22800.5	22143.8	20987.3	19445.4	20216.4	21772.6
67.5°	18289.0	18517.4	19445.4	20673.2	19830.9	19973.6	19916.5	18246.1	18103.4	19773.8	20787.4
70°	16147.4	16304.4	17318.1	18760.1	16747.0	16076.0	16204.5	14962.4	15547.8	18403.2	18802.9
72.5°	13349.1	13449.0	14605.5	15876.1	13434.7	12235.5	12535.3	11521.6	12349.7	16104.6	15861.8
75°	10079.6	10265.2	11164.7	12663.8	9894.0	9123.1	9422.9	9008.8	9779.8	13263.4	12306.9
77.5°	7167.1	7024.3	8137.9	9908.3	7438.4	6981.5	7010.1	7081.4	7909.5	11179.0	8837.5
80°	4882.8	4925.6	5925.0	7267.0	5839.3	5767.9	5696.6	6267.6	6638.8	8851.8	6424.7
82.5°	2898.2	2898.2	3997.6	5168.3	4611.5	5196.9	4868.5	5382.5	5196.9	6510.4	4211.7
85°	1356.3	1356.3	2055.9	3726.3	3569.3	4283.1	3640.7	4069.0	3840.5	4540.1	1898.9
87.5°	228.4	199.9	414.0	1827.5	1470.5	1670.4	656.7	2170.1	2412.8	3169.5	471.1
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°	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5
2.5°	10607.9	10507.9	10308.1	10051.1	9836.9	9565.7	9480.0	9294.4	9037.4	9008.8	8894.6
5°	9994.0	9651.3	9223.0	8694.7	8337.8	7966.6	7652.5	7466.9	7252.8	7224.2	7167.1
7.5°	9322.9	8894.6	8180.8	7552.6	6938.7	6353.3	6067.8	5710.8	5468.1	5282.5	5196.9
10°	8694.7	8295.0	7409.8	6553.2	6010.7	5625.2	5282.5	4911.3	4611.5	4383.1	4297.4
12.5°	8280.7	7809.6	6853.0	6039.2	5639.5	5196.9	4811.4	4411.6	4026.1	3726.3	3569.3
15°	8095.1	7652.5	6681.7	5782.2	5196.9	4582.9	4140.4	3740.6	3269.5	3055.3	2983.9
17.5°	8537.7	7881.0	6624.6	5482.4	4654.3	3954.8	3412.2	2983.9	2641.3	2427.1	2341.4
20°	9108.8	8295.0	6724.5	5125.5	4140.4	3355.1	2755.5	2298.6	2070.2	1913.1	1898.9
22.5°	9836.9	8908.9	6881.6	4868.5	3569.3	2698.4	2155.8	1884.6	1727.5	1713.3	1684.7
25°	11136.1	10022.5	7138.5	4525.8	3112.4	2227.2	1841.7	1684.7	1613.3	1570.5	1599.0
27.5°	12249.7	10750.6	7324.1	4311.7	2926.8	2098.7	1784.6	1613.3	1541.9	1527.6	1541.9
30°	12906.5	11421.7	7267.0	3911.9	2555.6	1998.8	1898.9	1841.7	1699.0	1584.8	1584.8
32.5°	13506.1	11850.0	7252.8	3555.0	2184.4	1670.4	1584.8	1541.9	1627.6	1684.7	1641.9
35°	14334.2	12521.0	7209.9	3355.1	2027.3	1541.9	1399.2	1284.9	1227.8	1199.3	1242.1
37.5°	15219.4	12977.9	7095.7	3326.6	1941.7	1470.5	1356.3	1242.1	1185.0	1156.4	1142.2
40°	16190.2	13463.3	6967.2	3183.8	1898.9	1427.7	1313.5	1213.6	1142.2	1099.3	1085.1
42.5°	16818.4	13848.8	6838.7	3112.4	1813.2	1399.2	1270.7	1185.0	1113.6	1056.5	1056.5
45°	17175.3	14305.6	6710.2	3041.0	1713.3	1413.4	1270.7	1156.4	1070.8	1042.2	1013.7
47.5°	17332.4	14648.3	6667.4	2926.8	1627.6	1356.3	1242.1	1127.9	1042.2	985.1	970.8
50°	17746.4	15376.4	6824.4	2841.1	1527.6	1299.2	1313.5	1113.6	1028.0	956.6	942.3
52.5°	17989.1	15961.8	7167.1	2712.6	1456.3	1227.8	1284.9	1085.1	985.1	913.7	913.7
55°	18874.3	16932.6	7538.3	2612.7	1370.6	1127.9	1185.0	1028.0	913.7	870.9	870.9
57.5°	20002.2	17960.6	7852.4	2569.9	1313.5	1056.5	1056.5	999.4	870.9	813.8	799.5
60°	20787.4	18802.9	8038.0	2541.3	1256.4	985.1	942.3	999.4	828.1	771.0	756.7
62.5°	20873.1	18317.5	7852.4	2527.0	1242.1	913.7	856.6	956.6	785.2	728.1	699.6
65°	20330.6	17332.4	7338.4	2469.9	1227.8	842.3	799.5	828.1	728.1	685.3	656.7
67.5°	19245.5	15733.4	6596.0	2441.4	1213.6	785.2	728.1	713.9	671.0	628.2	599.6
70°	16718.5	13648.9	5725.1	2312.9	1185.0	742.4	656.7	642.5	599.6	571.1	556.8
72.5°	14034.4	11164.7	4725.7	2141.6	1127.9	671.0	599.6	571.1	556.8	514.0	499.7
75°	10750.6	8594.8	3783.4	1898.9	985.1	599.6	528.3	499.7	485.4	456.9	442.6
77.5°	7552.6	6396.1	2798.3	1541.9	828.1	542.5	471.1	442.6	428.3	385.5	385.5
80°	5125.5	4483.0	1898.9	1070.8	642.5	442.6	414.0	385.5	356.9	328.4	328.4
82.5°	3183.8	3141.0	1370.6	699.6	471.1	356.9	328.4	328.4	285.5	257.0	257.0
85°	1456.3	1927.4	956.6	485.4	356.9	271.3	271.3	257.0	228.4	185.6	185.6
87.5°	456.9	642.5	499.7	214.2	199.9	157.0	157.0	142.8	142.8	114.2	114.2
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°	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5
2.5°	9008.8	8994.6	8994.6	8937.5	9080.2	9080.2	9165.9	9094.5	9137.3	9151.6	9265.8
5°	7152.8	7267.0	7352.7	7524.0	7624.0	7666.8	7666.8	7781.0	7738.2	7823.8	7995.2
7.5°	5239.7	5382.5	5639.5	5853.6	6024.9	6082.0	6067.8	6096.3	6139.1	6039.2	6067.8
10°	4240.3	4140.4	4226.0	4425.9	4582.9	4768.5	4625.8	4611.5	4654.3	4611.5	4697.2
12.5°	3540.7	3426.5	3355.1	3355.1	3469.3	3555.0	3512.2	3583.5	3740.6	3783.4	3883.4
15°	2869.7	2769.8	2712.6	2641.3	2755.5	2784.0	2826.9	2926.8	3041.0	3098.1	3212.3
17.5°	2298.6	2298.6	2298.6	2241.5	2284.3	2327.2	2341.4	2469.9	2484.2	2541.3	2584.2
20°	1884.6	1927.4	1998.8	2027.3	2070.2	2070.2	2041.6	2113.0	2055.9	2098.7	2127.3
22.5°	1699.0	1756.1	1784.6	1798.9	1856.0	1870.3	1798.9	1813.2	1827.5	1784.6	1798.9
25°	1599.0	1627.6	1599.0	1613.3	1627.6	1599.0	1613.3	1641.9	1627.6	1656.1	1641.9
27.5°	1556.2	1527.6	1513.4	1499.1	1499.1	1470.5	1484.8	1484.8	1513.4	1527.6	1527.6
30°	1556.2	1513.4	1456.3	1413.4	1413.4	1370.6	1399.2	1427.7	1442.0	1470.5	1470.5
32.5°	1599.0	1513.4	1413.4	1370.6	1327.8	1299.2	1327.8	1370.6	1427.7	1442.0	1456.3
35°	1270.7	1313.5	1299.2	1242.1	1227.8	1227.8	1213.6	1213.6	1170.7	1170.7	1156.4
37.5°	1142.2	1127.9	1156.4	1170.7	1185.0	1142.2	1142.2	1085.1	1070.8	1085.1	1085.1
40°	1070.8	1070.8	1070.8	1113.6	1127.9	1099.3	1056.5	1028.0	1028.0	1028.0	1042.2
42.5°	1042.2	1013.7	999.4	1028.0	1070.8	1042.2	999.4	985.1	985.1	999.4	999.4
45°	999.4	985.1	970.8	956.6	1013.7	970.8	956.6	942.3	942.3	942.3	956.6
47.5°	956.6	942.3	913.7	913.7	928.0	913.7	899.5	899.5	899.5	928.0	928.0
50°	928.0	913.7	885.2	885.2	885.2	885.2	870.9	870.9	870.9	885.2	899.5
52.5°	885.2	870.9	856.6	842.3	842.3	842.3	842.3	842.3	842.3	856.6	870.9
55°	842.3	828.1	813.8	813.8	828.1	828.1	813.8	828.1	813.8	828.1	842.3
57.5°	799.5	785.2	771.0	785.2	799.5	785.2	785.2	785.2	785.2	785.2	799.5
60°	742.4	742.4	742.4	742.4	771.0	771.0	771.0	771.0	742.4	756.7	771.0
62.5°	713.9	699.6	699.6	713.9	728.1	728.1	742.4	728.1	713.9	728.1	728.1
65°	656.7	656.7	656.7	671.0	671.0	685.3	685.3	685.3	671.0	685.3	685.3
67.5°	613.9	613.9	613.9	613.9	642.5	642.5	642.5	642.5	628.2	628.2	642.5
70°	542.5	556.8	542.5	571.1	599.6	585.4	599.6	599.6	585.4	571.1	599.6
72.5°	499.7	499.7	499.7	499.7	542.5	542.5	542.5	556.8	542.5	528.3	542.5
75°	442.6	442.6	442.6	456.9	485.4	485.4	485.4	485.4	485.4	471.1	471.1
77.5°	385.5	399.8	385.5	399.8	428.3	414.0	428.3	442.6	428.3	414.0	414.0
80°	328.4	328.4	328.4	342.7	356.9	356.9	356.9	371.2	356.9	342.7	342.7
82.5°	257.0	257.0	271.3	271.3	285.5	285.5	285.5	299.8	285.5	271.3	271.3
85°	199.9	199.9	199.9	214.2	214.2	228.4	228.4	242.7	242.7	228.4	228.4
87.5°	128.5	114.2	128.5	128.5	142.8	142.8	128.5	114.2	128.5	114.2	99.9
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5	10279.5
2.5°	9380.0	9637.0	9822.6	9951.1	10136.7	10493.7	10636.4	10893.4	10964.8	11007.6
5°	8066.6	8337.8	8737.6	9023.1	9351.5	10022.5	10536.5	10922.0	11093.3	11250.3
7.5°	6324.8	6681.7	7095.7	7466.9	8009.4	8837.5	9508.5	10308.1	10607.9	10764.9
10°	4939.9	5268.2	5725.1	6182.0	6938.7	7638.2	8594.8	9322.9	9737.0	9851.2
12.5°	4168.9	4554.4	5096.9	5653.7	6124.9	6924.4	7895.2	8951.7	9337.2	9408.6
15°	3540.7	4069.0	4625.8	5196.9	5739.4	6439.0	7481.2	8766.1	9337.2	9408.6
17.5°	2926.8	3397.9	4054.7	4668.6	5296.8	6253.4	7552.6	8923.2	9494.3	9708.4
20°	2327.2	2784.0	3298.0	4069.0	4925.6	5939.3	7709.6	9451.4	10208.1	10436.6
22.5°	1927.4	2127.3	2627.0	3369.4	4383.1	5725.1	7866.7	10279.5	11079.0	11164.7
25°	1684.7	1827.5	2141.6	2841.1	3954.8	5582.3	8237.9	11236.1	12264.0	12264.0
27.5°	1570.5	1627.6	1841.7	2469.9	3654.9	5453.8	8609.1	12292.6	13249.1	13449.0
30°	1541.9	1684.7	1798.9	2198.7	3326.6	5096.9	8951.7	13120.6	14105.8	14120.0
32.5°	1513.4	1484.8	1570.5	1913.1	2926.8	4725.7	9237.3	13963.0	14734.0	14776.8
35°	1185.0	1242.1	1384.9	1684.7	2627.0	4454.5	9380.0	14419.9	15533.5	15576.3
37.5°	1113.6	1185.0	1299.2	1556.2	2427.1	4226.0	9422.9	15305.0	16375.8	16461.5
40°	1085.1	1142.2	1227.8	1442.0	2270.1	3940.5	9508.5	16218.8	17617.9	17503.7
42.5°	1028.0	1099.3	1185.0	1384.9	2141.6	3726.3	9522.8	16718.5	18274.7	18274.7
45°	1013.7	1056.5	1156.4	1384.9	1998.8	3540.7	9294.4	17218.2	19031.4	18802.9
47.5°	956.6	1042.2	1127.9	1342.0	1827.5	3355.1	9023.1	17475.2	19131.3	19059.9
50°	942.3	1028.0	1170.7	1270.7	1727.5	3269.5	8966.0	18117.6	19331.2	19316.9
52.5°	913.7	999.4	1213.6	1213.6	1599.0	3155.2	9237.3	18403.2	19374.0	19488.2
55°	870.9	999.4	1127.9	1113.6	1484.8	3012.5	9537.1	19145.6	20130.7	20102.1
57.5°	842.3	970.8	1070.8	1013.7	1356.3	2912.5	9979.7	19859.4	21044.4	20844.6
60°	799.5	970.8	956.6	942.3	1256.4	2826.9	10350.9	20002.2	21244.3	21372.8
62.5°	771.0	1013.7	842.3	870.9	1170.7	2784.0	10193.8	18931.4	20973.0	21087.3
65°	742.4	870.9	771.0	799.5	1142.2	2698.4	9579.9	17646.5	19802.3	20302.0
67.5°	685.3	713.9	713.9	742.4	1113.6	2498.5	8323.5	15333.6	18017.7	18289.0
70°	628.2	642.5	642.5	685.3	1085.1	2270.1	6867.3	13263.4	15633.4	16147.4
72.5°	571.1	571.1	571.1	628.2	999.4	2084.5	5653.7	10193.8	12992.2	13349.1
75°	499.7	499.7	499.7	556.8	899.5	1898.9	4454.5	7581.1	9565.7	10079.6
77.5°	442.6	442.6	428.3	499.7	785.2	1541.9	3212.3	5353.9	6738.8	7167.1
80°	371.2	356.9	356.9	399.8	613.9	1113.6	2070.2	3783.4	4697.2	4882.8
82.5°	299.8	285.5	271.3	299.8	442.6	699.6	1284.9	2641.3	3012.5	2898.2
85°	285.5	299.8	242.7	228.4	314.1	456.9	813.8	1627.6	1356.3	1356.3
87.5°	114.2	99.9	99.9	85.7	157.0	171.3	356.9	299.8	228.4	228.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)