

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: P598984

Luminaire Tested: **IFLD-L-SA7A-740-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598984
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7A-740-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (112) 4000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

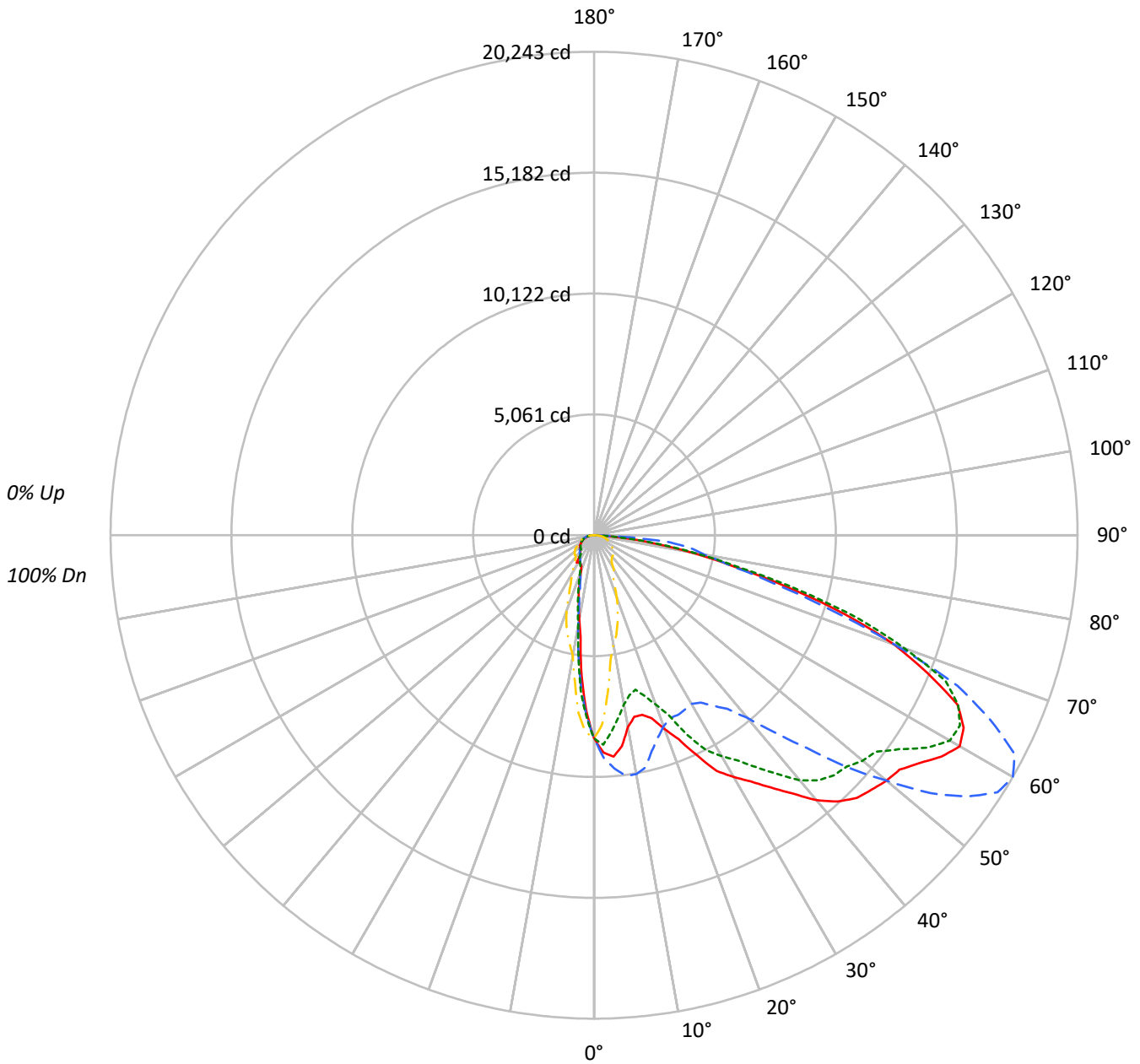
Lumens per Lamp: N/A
 Luminaire Lumens: 26624.3 lumens
 Efficiency: N/A
 Efficacy: 122.4 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 217.6
 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	
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77			77	
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60			60	
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47			47	
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38			38	
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31			31	
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26			26	
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22			22	
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19			19	
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17			17	
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15			15	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	45767	45767	45767	45767
5°	50280	44665	32031	34966
10°	44536	39308	19428	20848
15°	43367	37312	13753	14280
20°	49448	43157	8997	9944
25°	60246	54706	7855	8136
30°	72590	66351	8147	7560
35°	84659	77908	6751	6363
40°	101731	94097	6306	5975
45°	118390	108142	6383	5933
50°	133796	122918	6527	6131
55°	156036	146506	6760	6427
60°	190311	185100	6738	6738
65°	213877	214179	6919	7219
70°	210196	217631	7248	7434
75°	173389	184932	7613	8106
80°	125189	131412	8418	8787
85°	69285	74391	9479	11671

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	660.6	2.5
10°-20°	1394.8	5.2
20°-30°	2040.7	7.7
30°-40°	2875.3	10.8
40°-50°	3951.5	14.8
50°-60°	5385.4	20.2
60°-70°	5894.1	22.1
70°-80°	3402.9	12.8
80°-90°	1019.0	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°	4096.1	15.4
0°-40°	6971.4	26.2
0°-60°	16308.3	61.3
0°-90°	26624.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	26624.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8504	8504	8504	8504	8504	
5°	9307	8268	5929	6472	9307	845
15°	7783	6697	2468	2563	7783	2274
25°	10145	9212	1323	1370	10145	4751
35°	12885	11858	1028	968	12885	8171
45°	15555	14208	839	780	15555	11955
55°	16629	15614	720	685	16629	15004
65°	16795	16818	543	567	16795	16074
75°	8338	8893	366	390	8338	8957
85°	1122	1205	154	189	1122	1557
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°	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7
2.5°	9106.0	9070.6	9106.0	9235.9	9271.4	9330.4	9330.4	9247.7	9094.2	9023.3	8905.2
5°	9306.8	9247.7	9543.0	9814.6	10027.2	10003.6	9802.8	9637.5	9330.4	8869.8	8432.8
7.5°	8905.2	8964.3	9176.9	9885.5	10381.6	10476.0	10157.2	9826.5	9165.1	8527.3	7936.8
10°	8149.3	8232.0	8692.6	9424.9	10204.4	10357.9	10157.2	9755.6	8964.3	8173.0	7487.9
12.5°	7783.2	7972.2	8243.8	9129.6	9684.7	10050.9	9956.4	9696.5	8810.7	7877.7	7216.3
15°	7783.2	7830.5	8232.0	8976.1	9295.0	9306.8	9342.2	9389.5	8858.0	8007.6	7121.8
17.5°	8031.2	8161.2	8503.7	8964.3	9023.3	8881.6	8881.6	9082.4	8952.5	8373.7	7464.3
20°	8633.6	8586.3	9035.1	9224.1	8905.2	8550.9	8515.5	8858.0	9058.8	8763.5	8090.3
22.5°	9235.9	9448.5	9814.6	9389.5	8798.9	8326.5	8279.3	8704.4	9377.7	9436.7	8810.7
25°	10145.3	10357.9	10546.9	10027.2	8787.1	8267.5	8302.9	8633.6	9767.4	10393.4	10015.4
27.5°	11125.6	11255.5	11527.2	10724.1	9070.6	8196.6	8232.0	8728.1	10133.5	11019.3	10960.3
30°	11680.7	11822.5	11763.4	10854.0	9259.5	8243.8	8149.3	8858.0	9932.8	11019.3	11574.4
32.5°	12224.0	12141.3	12105.9	11066.6	9495.8	8539.1	8302.9	9129.6	10050.9	11196.5	12365.7
35°	12885.4	12767.3	12672.8	11479.9	9885.5	8822.6	8716.3	9483.9	10310.7	11562.6	13003.5
37.5°	13617.7	13617.7	13157.1	11787.0	10346.1	9283.2	9165.1	9991.8	10724.1	11787.0	13877.5
40°	14479.9	14515.3	13700.3	12200.4	10865.8	10015.4	9980.0	10653.2	11125.6	12117.7	14716.1
42.5°	15117.6	15141.2	14172.8	12353.9	11468.1	11031.1	11184.7	11716.2	11586.2	12413.0	14775.1
45°	15554.6	15436.5	14503.5	12790.9	12129.5	12554.7	12602.0	12755.5	12188.6	12590.1	15011.3
47.5°	15767.2	15743.6	14645.2	13298.8	13523.2	14101.9	14373.6	14161.0	12743.7	12401.2	15011.3
50°	15979.8	15779.0	14775.1	13995.6	14881.4	16050.7	15991.6	15601.9	13511.4	12637.4	14786.9
52.5°	16121.5	15944.4	15035.0	14621.6	16180.6	17503.4	17739.6	17019.1	14409.0	13074.4	14893.2
55°	16629.4	16487.7	15814.5	15471.9	17680.5	19038.8	19074.2	18070.3	15353.8	13794.8	15590.1
57.5°	17243.5	17326.2	16889.2	16676.6	18826.2	20160.8	20030.9	18849.8	16157.0	14668.8	16393.2
60°	17680.5	17810.5	17704.2	17727.8	19393.1	20538.7	20243.4	19334.0	16747.5	15330.2	17373.5
62.5°	17444.3	17704.2	18141.2	18046.7	19416.7	20267.1	19853.7	18696.3	16818.4	16192.4	18117.5
65°	16794.7	16818.4	17668.7	18188.4	18353.7	18861.6	18318.3	17361.6	16086.1	16723.9	18011.2
67.5°	15129.4	15318.4	16086.1	17101.8	16405.0	16523.1	16475.8	15094.0	14975.9	16357.7	17196.3
70°	13357.8	13487.8	14326.3	15519.2	13853.9	13298.8	13405.1	12377.6	12861.8	15223.9	15554.6
72.5°	11043.0	11125.6	12082.3	13133.4	11113.8	10121.7	10369.7	9531.2	10216.2	13322.4	13121.6
75°	8338.3	8491.9	9235.9	10476.0	8184.8	7547.0	7795.0	7452.5	8090.3	10972.1	10180.8
77.5°	5928.9	5810.8	6732.1	8196.6	6153.3	5775.4	5799.0	5858.1	6543.1	9247.7	7310.8
80°	4039.2	4074.7	4901.4	6011.6	4830.6	4771.5	4712.4	5184.9	5491.9	7322.6	5314.8
82.5°	2397.6	2397.6	3307.0	4275.5	3814.8	4299.1	4027.4	4452.6	4299.1	5385.7	3484.1
85°	1122.0	1122.0	1700.7	3082.6	2952.7	3543.2	3011.7	3366.0	3177.1	3755.8	1570.8
87.5°	189.0	165.3	342.5	1511.8	1216.5	1381.8	543.3	1795.2	1996.0	2622.0	389.8
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°	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7
2.5°	8775.3	8692.6	8527.3	8314.7	8137.5	7913.1	7842.3	7688.7	7476.1	7452.5	7358.0
5°	8267.5	7984.0	7629.7	7192.7	6897.4	6590.3	6330.5	6177.0	5999.8	5976.2	5928.9
7.5°	7712.4	7358.0	6767.5	6247.8	5740.0	5255.7	5019.5	4724.3	4523.5	4369.9	4299.1
10°	7192.7	6862.0	6129.7	5421.1	4972.3	4653.4	4369.9	4062.9	3814.8	3625.9	3555.0
12.5°	6850.2	6460.4	5669.1	4995.9	4665.2	4299.1	3980.2	3649.5	3330.6	3082.6	2952.7
15°	6696.6	6330.5	5527.4	4783.3	4299.1	3791.2	3425.1	3094.4	2704.6	2527.5	2468.4
17.5°	7062.8	6519.5	5480.1	4535.3	3850.3	3271.5	2822.7	2468.4	2185.0	2007.8	1936.9
20°	7535.2	6862.0	5562.8	4240.0	3425.1	2775.5	2279.5	1901.5	1712.5	1582.6	1570.8
22.5°	8137.5	7369.8	5692.7	4027.4	2952.7	2232.2	1783.4	1559.0	1429.1	1417.3	1393.7
25°	9212.3	8291.1	5905.3	3744.0	2574.7	1842.5	1523.6	1393.7	1334.6	1299.2	1322.8
27.5°	10133.5	8893.4	6058.9	3566.8	2421.2	1736.2	1476.3	1334.6	1275.5	1263.7	1275.5
30°	10676.8	9448.5	6011.6	3236.1	2114.1	1653.5	1570.8	1523.6	1405.5	1311.0	1311.0
32.5°	11172.9	9802.8	5999.8	2940.9	1807.0	1381.8	1311.0	1275.5	1346.4	1393.7	1358.2
35°	11857.9	10357.9	5964.4	2775.5	1677.1	1275.5	1157.4	1063.0	1015.7	992.1	1027.5
37.5°	12590.1	10735.9	5869.9	2751.9	1606.2	1216.5	1122.0	1027.5	980.3	956.7	944.9
40°	13393.3	11137.4	5763.6	2633.8	1570.8	1181.1	1086.6	1003.9	944.9	909.4	897.6
42.5°	13912.9	11456.3	5657.3	2574.7	1500.0	1157.4	1051.1	980.3	921.2	874.0	874.0
45°	14208.2	11834.3	5551.0	2515.7	1417.3	1169.3	1051.1	956.7	885.8	862.2	838.6
47.5°	14338.1	12117.7	5515.6	2421.2	1346.4	1122.0	1027.5	933.0	862.2	814.9	803.1
50°	14680.6	12720.1	5645.5	2350.3	1263.7	1074.8	1086.6	921.2	850.4	791.3	779.5
52.5°	14881.4	13204.3	5928.9	2244.0	1204.7	1015.7	1063.0	897.6	814.9	755.9	755.9
55°	15613.7	14007.4	6236.0	2161.3	1133.8	933.0	980.3	850.4	755.9	720.4	720.4
57.5°	16546.7	14857.8	6495.9	2125.9	1086.6	874.0	874.0	826.7	720.4	673.2	661.4
60°	17196.3	15554.6	6649.4	2102.3	1039.3	814.9	779.5	826.7	685.0	637.8	626.0
62.5°	17267.2	15153.1	6495.9	2090.5	1027.5	755.9	708.6	791.3	649.6	602.3	578.7
65°	16818.4	14338.1	6070.7	2043.2	1015.7	696.8	661.4	685.0	602.3	566.9	543.3
67.5°	15920.7	13015.3	5456.5	2019.6	1003.9	649.6	602.3	590.5	555.1	519.7	496.0
70°	13830.3	11291.0	4736.1	1913.3	980.3	614.2	543.3	531.5	496.0	472.4	460.6
72.5°	11609.9	9235.9	3909.3	1771.6	933.0	555.1	496.0	472.4	460.6	425.2	413.4
75°	8893.4	7110.0	3129.8	1570.8	814.9	496.0	437.0	413.4	401.6	377.9	366.1
77.5°	6247.8	5291.2	2314.9	1275.5	685.0	448.8	389.8	366.1	354.3	318.9	318.9
80°	4240.0	3708.5	1570.8	885.8	531.5	366.1	342.5	318.9	295.3	271.6	271.6
82.5°	2633.8	2598.3	1133.8	578.7	389.8	295.3	271.6	271.6	236.2	212.6	212.6
85°	1204.7	1594.4	791.3	401.6	295.3	224.4	224.4	212.6	189.0	153.5	153.5
87.5°	377.9	531.5	413.4	177.2	165.3	129.9	129.9	118.1	118.1	94.5	94.5
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°	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7
2.5°	7452.5	7440.7	7440.7	7393.5	7511.6	7511.6	7582.4	7523.4	7558.8	7570.6	7665.1
5°	5917.1	6011.6	6082.5	6224.2	6306.9	6342.3	6342.3	6436.8	6401.4	6472.2	6614.0
7.5°	4334.5	4452.6	4665.2	4842.4	4984.1	5031.3	5019.5	5043.1	5078.6	4995.9	5019.5
10°	3507.8	3425.1	3496.0	3661.3	3791.2	3944.8	3826.6	3814.8	3850.3	3814.8	3885.7
12.5°	2929.0	2834.6	2775.5	2775.5	2870.0	2940.9	2905.4	2964.5	3094.4	3129.8	3212.5
15°	2373.9	2291.3	2244.0	2185.0	2279.5	2303.1	2338.5	2421.2	2515.7	2562.9	2657.4
17.5°	1901.5	1901.5	1901.5	1854.3	1889.7	1925.1	1936.9	2043.2	2055.1	2102.3	2137.7
20°	1559.0	1594.4	1653.5	1677.1	1712.5	1712.5	1688.9	1748.0	1700.7	1736.2	1759.8
22.5°	1405.5	1452.7	1476.3	1488.1	1535.4	1547.2	1488.1	1500.0	1511.8	1476.3	1488.1
25°	1322.8	1346.4	1322.8	1334.6	1346.4	1322.8	1334.6	1358.2	1346.4	1370.0	1358.2
27.5°	1287.4	1263.7	1251.9	1240.1	1240.1	1216.5	1228.3	1228.3	1251.9	1263.7	1263.7
30°	1287.4	1251.9	1204.7	1169.3	1169.3	1133.8	1157.4	1181.1	1192.9	1216.5	1216.5
32.5°	1322.8	1251.9	1169.3	1133.8	1098.4	1074.8	1098.4	1133.8	1181.1	1192.9	1204.7
35°	1051.1	1086.6	1074.8	1027.5	1015.7	1015.7	1003.9	1003.9	968.5	968.5	956.7
37.5°	944.9	933.0	956.7	968.5	980.3	944.9	944.9	897.6	885.8	897.6	897.6
40°	885.8	885.8	885.8	921.2	933.0	909.4	874.0	850.4	850.4	850.4	862.2
42.5°	862.2	838.6	826.7	850.4	885.8	862.2	826.7	814.9	814.9	826.7	826.7
45°	826.7	814.9	803.1	791.3	838.6	803.1	791.3	779.5	779.5	779.5	791.3
47.5°	791.3	779.5	755.9	755.9	767.7	755.9	744.1	744.1	744.1	767.7	767.7
50°	767.7	755.9	732.3	732.3	732.3	732.3	720.4	720.4	720.4	732.3	744.1
52.5°	732.3	720.4	708.6	696.8	696.8	696.8	696.8	696.8	696.8	708.6	720.4
55°	696.8	685.0	673.2	673.2	685.0	685.0	673.2	685.0	673.2	685.0	696.8
57.5°	661.4	649.6	637.8	649.6	661.4	649.6	649.6	649.6	649.6	649.6	661.4
60°	614.2	614.2	614.2	614.2	637.8	637.8	637.8	637.8	614.2	626.0	637.8
62.5°	590.5	578.7	578.7	590.5	602.3	602.3	614.2	602.3	590.5	602.3	602.3
65°	543.3	543.3	543.3	555.1	555.1	566.9	566.9	566.9	555.1	566.9	566.9
67.5°	507.9	507.9	507.9	507.9	531.5	531.5	531.5	531.5	519.7	519.7	531.5
70°	448.8	460.6	448.8	472.4	496.0	484.2	496.0	496.0	484.2	472.4	496.0
72.5°	413.4	413.4	413.4	413.4	448.8	448.8	448.8	460.6	448.8	437.0	448.8
75°	366.1	366.1	366.1	377.9	401.6	401.6	401.6	401.6	401.6	389.8	389.8
77.5°	318.9	330.7	318.9	330.7	354.3	342.5	354.3	366.1	354.3	342.5	342.5
80°	271.6	271.6	271.6	283.5	295.3	295.3	295.3	307.1	295.3	283.5	283.5
82.5°	212.6	212.6	224.4	224.4	236.2	236.2	236.2	248.0	236.2	224.4	224.4
85°	165.3	165.3	165.3	177.2	177.2	189.0	189.0	200.8	200.8	189.0	189.0
87.5°	106.3	94.5	106.3	106.3	118.1	118.1	106.3	94.5	106.3	94.5	82.7
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°	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7	8503.7
2.5°	7759.6	7972.2	8125.7	8232.0	8385.6	8680.8	8798.9	9011.5	9070.6	9106.0
5°	6673.0	6897.4	7228.1	7464.3	7736.0	8291.1	8716.3	9035.1	9176.9	9306.8
7.5°	5232.1	5527.4	5869.9	6177.0	6625.8	7310.8	7865.9	8527.3	8775.3	8905.2
10°	4086.5	4358.1	4736.1	5114.0	5740.0	6318.7	7110.0	7712.4	8054.9	8149.3
12.5°	3448.7	3767.6	4216.4	4677.0	5066.8	5728.2	6531.3	7405.3	7724.2	7783.2
15°	2929.0	3366.0	3826.6	4299.1	4747.9	5326.6	6188.8	7251.7	7724.2	7783.2
17.5°	2421.2	2810.9	3354.2	3862.1	4381.7	5173.1	6247.8	7381.7	7854.1	8031.2
20°	1925.1	2303.1	2728.3	3366.0	4074.7	4913.2	6377.7	7818.6	8444.6	8633.6
22.5°	1594.4	1759.8	2173.2	2787.3	3625.9	4736.1	6507.7	8503.7	9165.1	9235.9
25°	1393.7	1511.8	1771.6	2350.3	3271.5	4618.0	6814.7	9295.0	10145.3	10145.3
27.5°	1299.2	1346.4	1523.6	2043.2	3023.5	4511.7	7121.8	10169.0	10960.3	11125.6
30°	1275.5	1393.7	1488.1	1818.8	2751.9	4216.4	7405.3	10854.0	11668.9	11680.7
32.5°	1251.9	1228.3	1299.2	1582.6	2421.2	3909.3	7641.5	11550.8	12188.6	12224.0
35°	980.3	1027.5	1145.6	1393.7	2173.2	3684.9	7759.6	11928.8	12850.0	12885.4
37.5°	921.2	980.3	1074.8	1287.4	2007.8	3496.0	7795.0	12661.0	13546.8	13617.7
40°	897.6	944.9	1015.7	1192.9	1877.9	3259.7	7865.9	13416.9	14574.3	14479.9
42.5°	850.4	909.4	980.3	1145.6	1771.6	3082.6	7877.7	13830.3	15117.6	15117.6
45°	838.6	874.0	956.7	1145.6	1653.5	2929.0	7688.7	14243.6	15743.6	15554.6
47.5°	791.3	862.2	933.0	1110.2	1511.8	2775.5	7464.3	14456.2	15826.3	15767.2
50°	779.5	850.4	968.5	1051.1	1429.1	2704.6	7417.1	14987.7	15991.6	15979.8
52.5°	755.9	826.7	1003.9	1003.9	1322.8	2610.2	7641.5	15223.9	16027.0	16121.5
55°	720.4	826.7	933.0	921.2	1228.3	2492.0	7889.5	15838.1	16653.0	16629.4
57.5°	696.8	803.1	885.8	838.6	1122.0	2409.4	8255.6	16428.6	17408.9	17243.5
60°	661.4	803.1	791.3	779.5	1039.3	2338.5	8562.7	16546.7	17574.2	17680.5
62.5°	637.8	838.6	696.8	720.4	968.5	2303.1	8432.8	15660.9	17349.8	17444.3
65°	614.2	720.4	637.8	661.4	944.9	2232.2	7924.9	14598.0	16381.4	16794.7
67.5°	566.9	590.5	590.5	614.2	921.2	2066.9	6885.6	12684.6	14905.0	15129.4
70°	519.7	531.5	531.5	566.9	897.6	1877.9	5680.9	10972.1	12932.7	13357.8
72.5°	472.4	472.4	472.4	519.7	826.7	1724.4	4677.0	8432.8	10747.7	11043.0
75°	413.4	413.4	413.4	460.6	744.1	1570.8	3684.9	6271.5	7913.1	8338.3
77.5°	366.1	366.1	354.3	413.4	649.6	1275.5	2657.4	4429.0	5574.6	5928.9
80°	307.1	295.3	295.3	330.7	507.9	921.2	1712.5	3129.8	3885.7	4039.2
82.5°	248.0	236.2	224.4	248.0	366.1	578.7	1063.0	2185.0	2492.0	2397.6
85°	236.2	248.0	200.8	189.0	259.8	377.9	673.2	1346.4	1122.0	1122.0
87.5°	94.5	82.7	82.7	70.9	129.9	141.7	295.3	248.0	189.0	189.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)