

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: P598811

Luminaire Tested: **IFLD-L-SA7B-827-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598811
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7B-827-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (112) 2700K CCT, 80 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

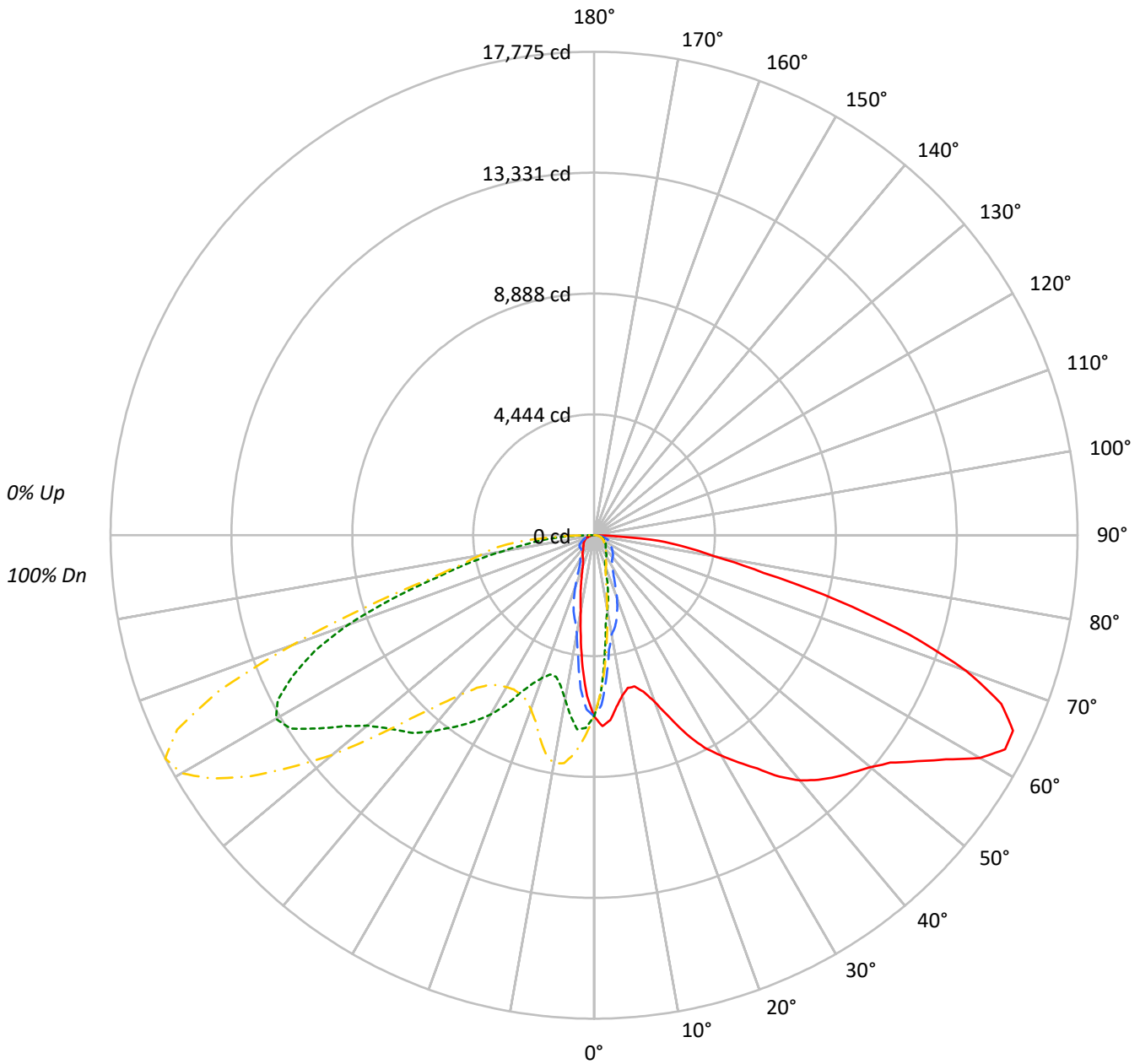
Lumens per Lamp: N/A
 Luminaire Lumens: 22266.8 lumens
 Efficiency: N/A
 Efficacy: 79.2 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 281
 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	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77			77	
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59			59	
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46			46	
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36			36	
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30			30	
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25			25	
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21			21	
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18			18	
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16			16	
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14			14	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	35798	35798	35798	35798
5°	36841	23956	26171	38703
10°	32685	15222	15375	33448
15°	32078	10797	10225	30002
20°	37295	6829	6883	31960
25°	47963	5864	5698	37784
30°	58125	5558	5210	47299
35°	68796	4897	4713	56065
40°	82663	4647	4319	66235
45°	95651	4609	4183	77215
50°	111072	4680	4212	91182
55°	135925	4808	4283	116170
60°	176283	4814	4512	145298
65°	216391	4863	4627	155531
70°	228976	5131	4837	151430
75°	192748	5423	4843	123591
80°	140035	6351	4909	106831
85°	148419	9207	4026	111028

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	514.8	2.3
10°-20°	1077.3	4.8
20°-30°	1552.6	7.0
30°-40°	2235.1	10.0
40°-50°	3174.8	14.3
50°-60°	4564.4	20.5
60°-70°	5273.4	23.7
70°-80°	2985.9	13.4
80°-90°	888.6	4.0
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°	3144.7	14.1
0°-40°	5379.7	24.2
0°-60°	13118.9	58.9
0°-90°	22266.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	22266.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6652	6652	6652	6652	6652	
5°	6819	4434	4844	7164	6819	619
15°	5757	1938	1835	5385	5757	1693
25°	8077	988	960	6363	8077	3749
35°	10471	745	717	8533	10471	6645
45°	12567	606	550	10145	12567	9731
55°	14486	512	456	12381	14486	13119
65°	16992	382	363	12213	16992	16294
75°	9269	261	233	5944	9269	9835
85°	2404	149	65	1798	2404	2394
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°	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5
2.5°	7024.1	7014.8	6958.9	6781.9	6595.6	6418.6	6250.9	6073.9	5980.8	5869.0	5822.4
5°	6819.2	6800.6	6642.2	6250.9	5906.2	5533.6	5216.9	4965.3	4760.4	4555.4	4480.9
7.5°	6353.4	6325.5	6139.1	5598.8	5095.8	4611.3	4229.4	3903.3	3633.2	3512.1	3372.3
10°	5980.8	5934.2	5692.0	5095.8	4443.7	3959.2	3707.7	3484.1	3251.2	3055.6	2850.6
12.5°	5747.9	5692.0	5440.4	4741.8	4108.3	3745.0	3484.1	3232.6	2943.8	2701.6	2478.0
15°	5757.2	5692.0	5384.6	4648.6	4024.4	3558.6	3195.3	2850.6	2515.3	2245.1	1993.6
17.5°	6027.3	5943.5	5617.4	4779.0	3959.2	3316.4	2832.0	2384.9	2002.9	1714.1	1509.2
20°	6511.8	6455.9	6083.2	4974.7	3894.0	3055.6	2459.4	1919.1	1518.5	1294.9	1211.1
22.5°	7238.4	7173.2	6772.6	5272.8	3875.4	2822.7	2058.8	1509.2	1220.4	1127.2	1080.6
25°	8076.8	7955.7	7583.1	5775.8	3912.7	2608.4	1732.7	1248.3	1090.0	1024.7	996.8
27.5°	8803.5	8728.9	8309.7	6250.9	3931.3	2440.7	1509.2	1136.5	1015.4	959.5	940.9
30°	9353.1	9325.2	8915.3	6772.6	3884.7	2235.8	1369.4	1090.0	1015.4	959.5	903.6
32.5°	9902.7	9912.0	9474.2	7173.2	3819.5	2058.8	1239.0	968.8	894.3	857.1	866.4
35°	10471.0	10517.6	10144.9	7564.5	3679.8	1993.6	1145.8	903.6	838.4	782.5	754.6
37.5°	11188.3	11309.4	10946.1	8002.3	3540.0	1937.7	1099.3	857.1	791.8	745.3	708.0
40°	11765.9	11989.5	11775.2	8412.2	3446.9	1872.5	1062.0	810.5	763.9	708.0	680.1
42.5°	12194.4	12455.3	12380.7	8728.9	3446.9	1807.3	1024.7	782.5	745.3	680.1	642.8
45°	12567.1	12837.2	12827.9	9055.0	3521.4	1770.0	978.2	782.5	726.6	661.4	624.2
47.5°	12902.4	13172.6	13265.7	9464.9	3642.5	1751.4	922.3	763.9	726.6	652.1	596.2
50°	13265.7	13563.9	13843.3	10117.0	3791.5	1704.8	885.0	736.0	736.0	642.8	577.6
52.5°	13731.5	14066.9	14579.3	10927.5	3940.6	1621.0	829.1	717.3	736.0	633.5	559.0
55°	14486.1	14765.6	15436.3	11896.3	4126.9	1518.5	782.5	670.7	698.7	605.5	531.0
57.5°	15333.9	15576.1	16135.0	12641.6	4182.8	1388.1	717.3	624.2	670.7	577.6	493.7
60°	16377.2	16498.3	16498.3	12855.9	3996.5	1267.0	670.7	586.9	605.5	549.6	465.8
62.5°	17038.7	17038.7	16498.3	12464.6	3642.5	1164.5	633.5	549.6	531.0	512.4	437.8
65°	16992.1	16917.6	16116.4	11328.1	3232.6	1099.3	596.2	503.1	475.1	465.8	409.9
67.5°	16209.6	16079.1	14989.2	9725.7	2804.1	1071.3	559.0	456.5	437.8	419.2	372.6
70°	14551.3	14216.0	12874.5	7825.3	2384.9	1052.7	549.6	419.2	400.6	381.9	344.7
72.5°	12147.8	11719.3	10051.8	6018.0	2002.9	987.5	521.7	372.6	363.3	344.7	307.4
75°	9269.3	8477.4	7014.8	4602.0	1555.7	857.1	447.2	326.1	326.1	316.7	279.5
77.5°	6390.7	5980.8	4890.8	3400.3	1136.5	661.4	363.3	288.8	288.8	298.1	260.8
80°	4518.2	4136.2	3484.1	2440.7	717.3	447.2	279.5	242.2	270.2	288.8	242.2
82.5°	3456.2	3176.7	2589.8	1779.3	419.2	307.4	214.3	195.6	232.9	251.5	204.9
85°	2403.5	2068.1	1313.5	1192.4	242.2	186.3	158.4	158.4	204.9	251.5	186.3
87.5°	680.1	288.8	83.8	354.0	102.5	74.5	55.9	37.3	55.9	55.9	37.3
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°	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5
2.5°	5775.8	5719.9	5719.9	5701.3	5710.6	5719.9	5710.6	5775.8	5803.8	5841.0	5915.6
5°	4434.3	4508.9	4453.0	4508.9	4583.4	4695.2	4723.1	4807.0	4816.3	4881.5	4844.2
7.5°	3288.5	3279.2	3232.6	3297.8	3502.8	3661.1	3735.6	3782.2	3791.5	3791.5	3745.0
10°	2785.4	2701.6	2617.7	2571.2	2589.8	2757.5	2813.4	2841.3	2822.7	2850.6	2813.4
12.5°	2384.9	2310.3	2189.2	2105.4	2049.5	2096.1	2152.0	2179.9	2198.5	2245.1	2282.4
15°	1937.7	1863.2	1788.6	1742.1	1695.5	1658.2	1704.8	1732.7	1779.3	1816.6	1835.2
17.5°	1471.9	1434.6	1397.4	1425.3	1425.3	1406.7	1425.3	1434.6	1453.3	1481.2	1471.9
20°	1192.4	1183.1	1173.8	1220.4	1257.6	1257.6	1276.3	1248.3	1239.0	1211.1	1201.7
22.5°	1062.0	1062.0	1071.3	1108.6	1145.8	1164.5	1164.5	1117.9	1071.3	1052.7	1062.0
25°	987.5	987.5	1015.4	1024.7	1043.4	1043.4	1052.7	1006.1	978.2	950.2	959.5
27.5°	931.6	931.6	940.9	940.9	950.2	950.2	959.5	940.9	903.6	894.3	894.3
30°	894.3	894.3	885.0	885.0	885.0	885.0	894.3	866.4	847.7	838.4	838.4
32.5°	857.1	847.7	838.4	838.4	829.1	829.1	838.4	810.5	801.2	801.2	801.2
35°	745.3	736.0	745.3	763.9	763.9	773.2	773.2	763.9	745.3	726.6	717.3
37.5°	698.7	689.4	689.4	689.4	708.0	717.3	726.6	708.0	680.1	652.1	652.1
40°	661.4	661.4	652.1	652.1	652.1	670.7	689.4	661.4	624.2	614.8	614.8
42.5°	633.5	624.2	614.8	605.5	596.2	624.2	642.8	605.5	586.9	586.9	586.9
45°	605.5	596.2	586.9	577.6	568.3	577.6	596.2	559.0	549.6	549.6	549.6
47.5°	577.6	568.3	549.6	540.3	531.0	531.0	549.6	521.7	512.4	521.7	521.7
50°	559.0	540.3	521.7	512.4	503.1	503.1	503.1	493.7	493.7	493.7	503.1
52.5°	540.3	521.7	493.7	484.4	475.1	475.1	475.1	475.1	465.8	475.1	484.4
55°	512.4	493.7	475.1	465.8	456.5	447.2	456.5	447.2	447.2	456.5	456.5
57.5°	475.1	456.5	437.8	437.8	428.5	428.5	437.8	428.5	428.5	437.8	437.8
60°	447.2	428.5	409.9	409.9	400.6	409.9	419.2	409.9	409.9	409.9	419.2
62.5°	409.9	400.6	381.9	381.9	381.9	381.9	391.3	381.9	391.3	391.3	391.3
65°	381.9	363.3	354.0	354.0	354.0	354.0	372.6	354.0	363.3	363.3	363.3
67.5°	354.0	335.4	326.1	326.1	326.1	326.1	344.7	326.1	335.4	344.7	335.4
70°	326.1	307.4	298.1	298.1	298.1	298.1	307.4	298.1	298.1	307.4	307.4
72.5°	288.8	279.5	270.2	270.2	260.8	270.2	279.5	270.2	270.2	270.2	270.2
75°	260.8	251.5	251.5	242.2	242.2	242.2	251.5	232.9	232.9	232.9	232.9
77.5°	242.2	223.6	223.6	223.6	214.3	223.6	214.3	195.6	195.6	195.6	195.6
80°	204.9	186.3	195.6	195.6	186.3	186.3	177.0	158.4	158.4	158.4	158.4
82.5°	167.7	149.1	158.4	158.4	158.4	158.4	139.7	130.4	121.1	111.8	111.8
85°	149.1	121.1	139.7	139.7	130.4	130.4	93.2	93.2	74.5	74.5	65.2
87.5°	27.9	18.6	37.3	46.6	46.6	55.9	37.3	46.6	27.9	18.6	18.6
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°	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5
2.5°	5906.2	6008.7	6148.5	6250.9	6409.3	6530.4	6716.7	6875.1	7024.1	7089.4	7154.6
5°	4956.0	5021.2	5235.5	5403.2	5654.7	5924.9	6260.2	6623.6	6996.2	7163.9	7359.5
7.5°	3707.7	3828.8	3949.9	4192.1	4499.5	4937.4	5365.9	5906.2	6427.9	6679.5	7014.8
10°	2878.6	2971.8	3111.5	3363.0	3651.8	4015.1	4527.5	5170.3	5794.4	6120.5	6465.2
12.5°	2310.3	2440.7	2627.1	2887.9	3223.3	3595.9	3968.5	4564.8	5291.4	5664.0	6055.3
15°	1872.5	1975.0	2179.9	2506.0	2897.2	3279.2	3670.4	4164.2	4956.0	5384.6	5850.3
17.5°	1490.5	1565.1	1751.4	2077.4	2468.7	2897.2	3344.4	3968.5	4844.2	5365.9	5915.6
20°	1211.1	1267.0	1388.1	1630.3	2002.9	2468.7	3027.6	3782.2	4909.4	5580.2	6250.9
22.5°	1062.0	1080.6	1136.5	1267.0	1574.4	2068.1	2738.9	3623.9	5030.6	5896.9	6800.6
25°	959.5	978.2	996.8	1080.6	1257.6	1723.4	2487.3	3530.7	5291.4	6362.7	7434.0
27.5°	894.3	913.0	922.3	959.5	1080.6	1471.9	2273.1	3474.8	5645.4	7042.8	8216.6
30°	838.4	838.4	866.4	922.3	1006.1	1294.9	2086.7	3344.4	6018.0	7611.0	8831.4
32.5°	791.8	801.2	838.4	866.4	922.3	1145.8	1900.4	3176.7	6353.4	8076.8	9436.9
35°	708.0	708.0	717.3	763.9	838.4	1024.7	1732.7	3009.0	6539.7	8533.3	9977.3
37.5°	652.1	661.4	680.1	717.3	782.5	940.9	1593.0	2822.7	6735.3	8961.8	10610.7
40°	614.8	624.2	642.8	680.1	745.3	866.4	1471.9	2673.6	6940.3	9427.6	11290.8
42.5°	586.9	596.2	614.8	652.1	708.0	847.7	1341.5	2552.5	7061.4	9856.2	11933.6
45°	559.0	568.3	596.2	633.5	680.1	829.1	1267.0	2468.7	7108.0	10144.9	12446.0
47.5°	531.0	540.3	568.3	624.2	680.1	801.2	1239.0	2422.1	7145.2	10471.0	12855.9
50°	503.1	521.7	559.0	614.8	689.4	763.9	1220.4	2412.8	7359.5	10890.2	13247.1
52.5°	484.4	512.4	549.6	614.8	680.1	708.0	1211.1	2440.7	7788.0	11514.4	13806.1
55°	465.8	493.7	531.0	614.8	652.1	661.4	1164.5	2487.3	8440.1	12380.7	14597.9
57.5°	447.2	465.8	512.4	596.2	614.8	624.2	1071.3	2552.5	9092.3	13228.5	15408.4
60°	419.2	437.8	484.4	596.2	559.0	586.9	950.2	2571.2	9558.0	13498.6	15482.9
62.5°	391.3	409.9	456.5	614.8	512.4	549.6	847.7	2506.0	9651.2	13107.4	15063.7
65°	363.3	381.9	419.2	512.4	475.1	512.4	782.5	2329.0	9343.8	12213.1	14299.8
67.5°	335.4	354.0	381.9	419.2	428.5	465.8	754.6	2049.5	8570.6	11104.5	13256.4
70°	298.1	316.7	344.7	372.6	381.9	437.8	708.0	1779.3	7322.2	9623.3	11980.2
72.5°	270.2	279.5	307.4	326.1	344.7	400.6	680.1	1555.7	5598.8	7788.0	9772.3
75°	232.9	232.9	260.8	279.5	298.1	354.0	624.2	1294.9	3949.9	5943.5	7182.5
77.5°	195.6	195.6	214.3	232.9	251.5	307.4	531.0	1052.7	2738.9	4713.8	5207.6
80°	149.1	149.1	167.7	186.3	204.9	260.8	428.5	773.2	1695.5	3446.9	3791.5
82.5°	102.5	102.5	130.4	139.7	149.1	204.9	326.1	531.0	996.8	2487.3	2710.9
85°	55.9	55.9	74.5	83.8	102.5	149.1	242.2	372.6	596.2	1798.0	1807.3
87.5°	9.3	9.3	27.9	27.9	46.6	74.5	139.7	204.9	335.4	996.8	633.5
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5	6651.5
2.5°	7275.7	7378.1	7387.5	7387.5	7340.9	7350.2	7219.8	7080.0	7033.5	7024.1
5°	7657.6	7927.8	8002.3	8039.6	7918.5	7732.1	7396.8	7033.5	6847.1	6819.2
7.5°	7583.1	8123.4	8412.2	8449.5	8207.3	7769.4	7182.5	6623.6	6409.3	6353.4
10°	7145.2	7871.9	8393.6	8524.0	8263.1	7704.2	6940.3	6288.2	6027.3	5980.8
12.5°	6837.8	7536.5	8048.9	8225.9	8104.8	7620.4	6819.2	6073.9	5813.1	5747.9
15°	6670.1	7312.9	7648.3	7704.2	7694.9	7489.9	6819.2	6120.5	5831.7	5757.2
17.5°	6809.9	7247.7	7294.3	7163.9	7238.4	7340.9	6968.2	6372.0	6092.6	6027.3
20°	7089.4	7219.8	6996.2	6800.6	6837.8	7163.9	7201.1	6847.1	6623.6	6511.8
22.5°	7676.2	7322.2	6809.9	6539.7	6567.7	7024.1	7508.6	7489.9	7294.3	7238.4
25°	8272.5	7611.0	6754.0	6437.2	6474.5	6996.2	7871.9	8207.3	8104.8	8076.8
27.5°	8933.9	8095.5	6791.2	6390.7	6437.2	7033.5	8123.4	8812.8	8831.4	8803.5
30°	9381.0	8328.4	6903.0	6446.6	6511.8	7126.6	8179.3	9176.1	9343.8	9353.1
32.5°	9753.7	8561.3	7135.9	6539.7	6651.5	7294.3	8328.4	9520.8	9893.4	9902.7
35°	10051.8	8822.1	7424.7	6707.4	6875.1	7573.8	8524.0	9846.8	10405.8	10471.0
37.5°	10433.7	9110.9	7760.1	7070.7	7257.0	7974.4	8868.7	10228.8	11011.3	11188.3
40°	10843.6	9399.7	8244.5	7657.6	7927.8	8570.6	9259.9	10657.3	11523.7	11765.9
42.5°	11300.1	9707.1	8794.1	8449.5	8859.4	9325.2	9707.1	11048.6	11915.0	12194.4
45°	11747.3	10079.7	9595.3	9530.1	9986.6	10219.5	10144.9	11328.1	12287.6	12567.1
47.5°	12064.0	10620.1	10564.2	10955.4	11384.0	11262.8	10657.3	11533.0	12595.0	12902.4
50°	12352.8	11290.8	11784.5	12548.4	12809.3	12399.4	11206.9	11812.5	12921.1	13265.7
52.5°	12781.3	12008.1	13042.2	13992.4	14243.9	13591.8	11803.2	12269.0	13424.1	13731.5
55°	13657.0	12818.6	14355.7	15445.7	15492.2	14681.8	12604.3	13042.2	14132.1	14486.1
57.5°	14635.2	13815.4	15399.1	16647.4	16628.8	15771.7	13508.0	14085.5	15091.7	15333.9
60°	15520.2	14821.5	16535.6	17504.5	17457.9	16563.6	14560.7	15268.7	16190.9	16377.2
62.5°	16041.9	15734.4	17038.7	17774.6	17597.6	16824.4	15455.0	16321.3	16973.5	17038.7
65°	15958.0	16256.1	16451.8	16908.2	16656.7	16097.8	15892.8	16992.1	17057.3	16992.1
67.5°	15324.5	15958.0	14840.1	14886.7	14756.3	14281.2	15212.8	16815.1	16367.9	16209.6
70°	14365.0	14411.6	12408.7	11821.8	12026.7	11374.6	13051.5	15436.3	14747.0	14551.3
72.5°	12772.0	12194.4	9381.0	8784.8	9092.3	8626.5	10471.0	13452.1	12781.3	12147.8
75°	10713.2	9660.5	7145.2	6297.5	6455.9	6437.2	8114.1	11113.8	9902.7	9269.3
77.5°	8300.4	7527.2	5272.8	4946.7	4779.0	4816.3	5664.0	8263.1	7182.5	6390.7
80°	6064.6	5263.4	4080.3	4266.7	4173.5	3949.9	3968.5	5533.6	4993.3	4518.2
82.5°	4192.1	3745.0	3307.1	3735.6	3512.1	3167.4	3092.9	3987.2	3745.0	3456.2
85°	2813.4	3083.5	2627.1	2860.0	2478.0	2282.4	2906.5	3335.1	2692.3	2403.5
87.5°	1835.2	2822.7	1891.1	1434.6	819.8	1099.3	1779.3	2189.2	1257.6	680.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)