

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: P598642

Luminaire Tested: **IFLD-L-SA8B-727-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598642
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8B-727-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (128) 2700K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

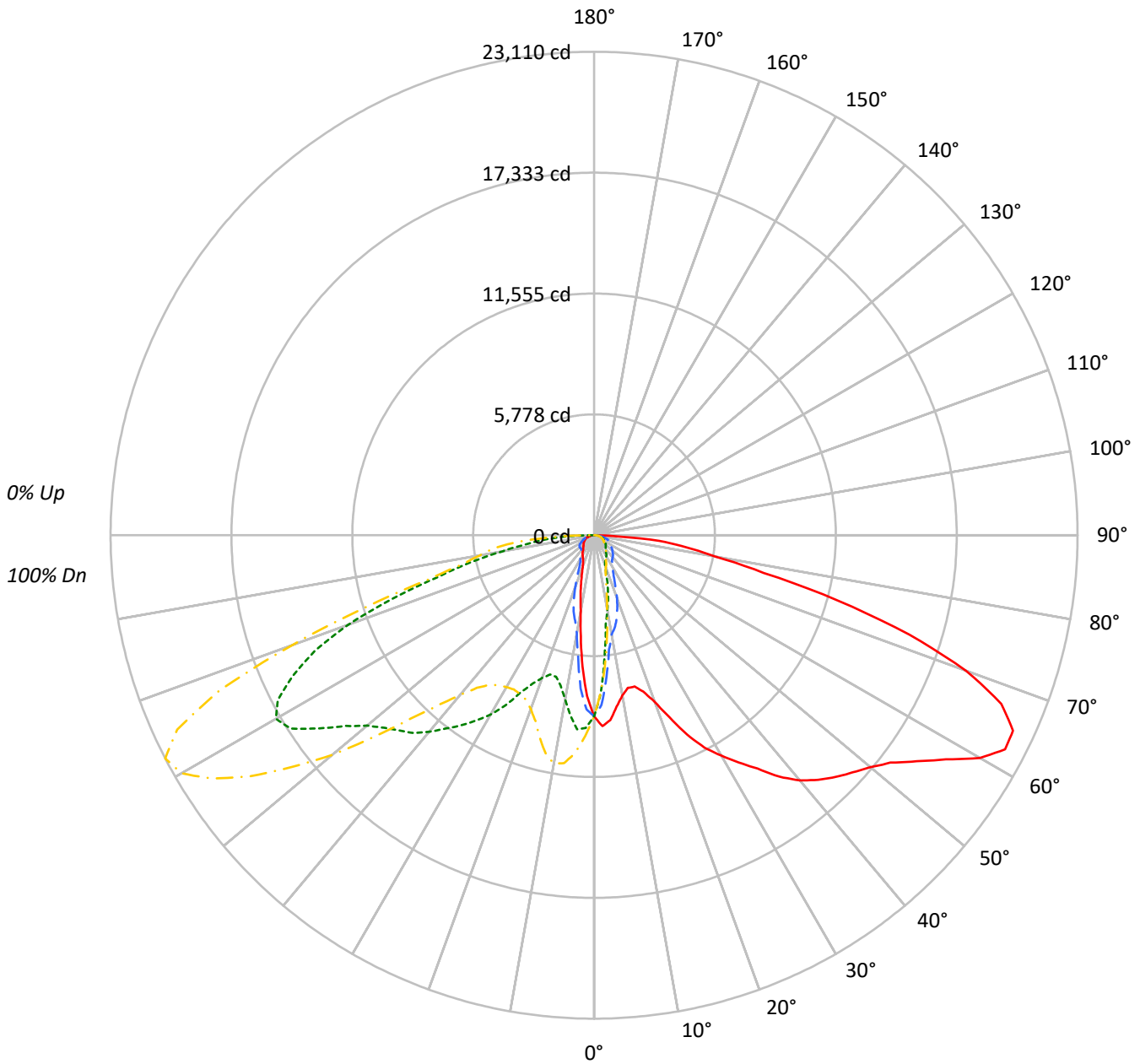
Lumens per Lamp: N/A
 Luminaire Lumens: 28950.5 lumens
 Efficiency: N/A
 Efficacy: 90.5 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 320
 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°	46544	46544	46544	46544
5°	47899	31148	34027	50320
10°	42496	19791	19990	43489
15°	41707	14037	13295	39007
20°	48490	8880	8949	41553
25°	62360	7624	7408	49125
30°	75573	7226	6774	61497
35°	89446	6366	6127	72894
40°	107476	6042	5616	86117
45°	124362	5992	5439	100393
50°	144412	6085	5477	118552
55°	176726	6251	5569	151041
60°	229197	6258	5866	188912
65°	281343	6324	6016	202216
70°	297707	6670	6290	196883
75°	250604	7051	6297	160688
80°	182068	8260	6382	138897
85°	192966	11967	5236	144349

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	669.3	2.3
10°-20°	1400.7	4.8
20°-30°	2018.6	7.0
30°-40°	2906.0	10.0
40°-50°	4127.7	14.3
50°-60°	5934.5	20.5
60°-70°	6856.3	23.7
70°-80°	3882.2	13.4
80°-90°	1155.4	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°	4088.6	14.1
0°-40°	6994.6	24.2
0°-60°	17056.8	58.9
0°-90°	28950.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	28950.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8648	8648	8648	8648	8648	
5°	8866	5765	6298	9314	8866	804
15°	7485	2519	2386	7001	7485	2201
25°	10501	1284	1248	8273	10501	4874
35°	13614	969	933	11095	13614	8640
45°	16339	787	715	13190	16339	12652
55°	18834	666	594	16097	18834	17057
65°	22092	497	472	15879	22092	21185
75°	12052	339	303	7728	12052	12787
85°	3125	194	85	2338	3125	3112
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°	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1
2.5°	9132.5	9120.4	9047.8	8817.6	8575.4	8345.3	8127.2	7897.1	7776.0	7630.6	7570.1
5°	8866.1	8841.9	8635.9	8127.2	7679.1	7194.6	6782.8	6455.8	6189.3	5922.8	5825.9
7.5°	8260.5	8224.1	7981.9	7279.4	6625.3	5995.5	5498.9	5075.0	4723.7	4566.3	4384.6
10°	7776.0	7715.4	7400.5	6625.3	5777.5	5147.7	4820.6	4529.9	4227.1	3972.8	3706.3
12.5°	7473.2	7400.5	7073.5	6165.1	5341.4	4869.1	4529.9	4202.9	3827.4	3512.5	3221.8
15°	7485.3	7400.5	7000.8	6044.0	5232.4	4626.8	4154.5	3706.3	3270.3	2919.0	2592.0
17.5°	7836.5	7727.5	7303.6	6213.5	5147.7	4311.9	3682.1	3100.7	2604.1	2228.6	1962.2
20°	8466.4	8393.7	7909.2	6467.9	5062.9	3972.8	3197.6	2495.1	1974.3	1683.6	1574.6
22.5°	9411.1	9326.3	8805.5	6855.5	5038.6	3670.0	2676.8	1962.2	1586.7	1465.6	1405.0
25°	10501.2	10343.8	9859.3	7509.5	5087.1	3391.4	2252.9	1623.0	1417.1	1332.3	1296.0
27.5°	11446.0	11349.1	10804.0	8127.2	5111.3	3173.4	1962.2	1477.7	1320.2	1247.5	1223.3
30°	12160.6	12124.2	11591.3	8805.5	5050.8	2906.9	1780.5	1417.1	1320.2	1247.5	1174.9
32.5°	12875.2	12887.3	12318.0	9326.3	4966.0	2676.8	1610.9	1259.7	1162.8	1114.3	1126.4
35°	13614.0	13674.6	13190.1	9835.0	4784.3	2592.0	1489.8	1174.9	1090.1	1017.4	981.1
37.5°	14546.7	14704.1	14231.8	10404.3	4602.6	2519.3	1429.2	1114.3	1029.5	969.0	920.5
40°	15297.6	15588.3	15309.7	10937.3	4481.5	2434.5	1380.8	1053.8	993.2	920.5	884.2
42.5°	15854.8	16193.9	16097.0	11349.1	4481.5	2349.8	1332.3	1017.4	969.0	884.2	835.7
45°	16339.3	16690.5	16678.4	11773.0	4578.4	2301.3	1271.8	1017.4	944.7	860.0	811.5
47.5°	16775.3	17126.6	17247.7	12305.9	4735.8	2277.1	1199.1	993.2	944.7	847.8	775.2
50°	17247.7	17635.3	17998.6	13153.8	4929.6	2216.5	1150.7	956.9	956.9	835.7	751.0
52.5°	17853.3	18289.3	18955.5	14207.5	5123.4	2107.5	1078.0	932.6	956.9	823.6	726.7
55°	18834.4	19197.7	20069.8	15467.2	5365.7	1974.3	1017.4	872.1	908.4	787.3	690.4
57.5°	19936.6	20251.5	20978.2	16436.2	5438.3	1804.7	932.6	811.5	872.1	751.0	641.9
60°	21293.1	21450.6	21450.6	16714.7	5196.1	1647.2	872.1	763.1	787.3	714.6	605.6
62.5°	22153.1	22153.1	21450.6	16206.0	4735.8	1514.0	823.6	714.6	690.4	666.2	569.3
65°	22092.5	21995.6	20954.0	14728.3	4202.9	1429.2	775.2	654.1	617.7	605.6	532.9
67.5°	21075.1	20905.5	19488.4	12645.1	3645.8	1392.9	726.7	593.5	569.3	545.0	484.5
70°	18919.1	18483.1	16739.0	10174.2	3100.7	1368.7	714.6	545.0	520.8	496.6	448.1
72.5°	15794.2	15237.1	13069.0	7824.4	2604.1	1283.9	678.3	484.5	472.4	448.1	399.7
75°	12051.6	11022.0	9120.4	5983.4	2022.7	1114.3	581.4	423.9	423.9	411.8	363.4
77.5°	8308.9	7776.0	6358.9	4420.9	1477.7	860.0	472.4	375.5	375.5	387.6	339.1
80°	5874.4	5377.8	4529.9	3173.4	932.6	581.4	363.4	314.9	351.3	375.5	314.9
82.5°	4493.6	4130.2	3367.2	2313.4	545.0	399.7	278.6	254.4	302.8	327.0	266.5
85°	3124.9	2688.9	1707.8	1550.4	314.9	242.2	205.9	205.9	266.5	327.0	242.2
87.5°	884.2	375.5	109.0	460.3	133.2	96.9	72.7	48.4	72.7	72.7	48.4
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°	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1
2.5°	7509.5	7436.8	7436.8	7412.6	7424.7	7436.8	7424.7	7509.5	7545.9	7594.3	7691.2
5°	5765.4	5862.3	5789.6	5862.3	5959.2	6104.5	6140.8	6249.9	6262.0	6346.8	6298.3
7.5°	4275.6	4263.5	4202.9	4287.7	4554.2	4760.1	4857.0	4917.5	4929.6	4929.6	4869.1
10°	3621.5	3512.5	3403.5	3342.9	3367.2	3585.2	3657.9	3694.2	3670.0	3706.3	3657.9
12.5°	3100.7	3003.8	2846.4	2737.3	2664.7	2725.2	2797.9	2834.2	2858.5	2919.0	2967.5
15°	2519.3	2422.4	2325.5	2265.0	2204.4	2156.0	2216.5	2252.9	2313.4	2361.9	2386.1
17.5°	1913.7	1865.3	1816.8	1853.2	1853.2	1828.9	1853.2	1865.3	1889.5	1925.8	1913.7
20°	1550.4	1538.2	1526.1	1586.7	1635.1	1635.1	1659.4	1623.0	1610.9	1574.6	1562.5
22.5°	1380.8	1380.8	1392.9	1441.3	1489.8	1514.0	1514.0	1453.5	1392.9	1368.7	1380.8
25°	1283.9	1283.9	1320.2	1332.3	1356.6	1356.6	1368.7	1308.1	1271.8	1235.4	1247.5
27.5°	1211.2	1211.2	1223.3	1223.3	1235.4	1235.4	1247.5	1223.3	1174.9	1162.8	1162.8
30°	1162.8	1162.8	1150.7	1150.7	1150.7	1150.7	1162.8	1126.4	1102.2	1090.1	1090.1
32.5°	1114.3	1102.2	1090.1	1090.1	1078.0	1078.0	1090.1	1053.8	1041.6	1041.6	1041.6
35°	969.0	956.9	969.0	993.2	993.2	1005.3	1005.3	993.2	969.0	944.7	932.6
37.5°	908.4	896.3	896.3	896.3	920.5	932.6	944.7	920.5	884.2	847.8	847.8
40°	860.0	860.0	847.8	847.8	847.8	872.1	896.3	860.0	811.5	799.4	799.4
42.5°	823.6	811.5	799.4	787.3	775.2	811.5	835.7	787.3	763.1	763.1	763.1
45°	787.3	775.2	763.1	751.0	738.8	751.0	775.2	726.7	714.6	714.6	714.6
47.5°	751.0	738.8	714.6	702.5	690.4	690.4	714.6	678.3	666.2	678.3	678.3
50°	726.7	702.5	678.3	666.2	654.1	654.1	654.1	641.9	641.9	641.9	654.1
52.5°	702.5	678.3	641.9	629.8	617.7	617.7	617.7	617.7	605.6	617.7	629.8
55°	666.2	641.9	617.7	605.6	593.5	581.4	593.5	581.4	581.4	593.5	593.5
57.5°	617.7	593.5	569.3	569.3	557.2	557.2	569.3	557.2	557.2	569.3	569.3
60°	581.4	557.2	532.9	532.9	520.8	532.9	545.0	532.9	532.9	532.9	545.0
62.5°	532.9	520.8	496.6	496.6	496.6	496.6	508.7	496.6	508.7	508.7	508.7
65°	496.6	472.4	460.3	460.3	460.3	460.3	484.5	460.3	472.4	472.4	472.4
67.5°	460.3	436.0	423.9	423.9	423.9	423.9	448.1	423.9	436.0	448.1	436.0
70°	423.9	399.7	387.6	387.6	387.6	387.6	399.7	387.6	387.6	399.7	399.7
72.5°	375.5	363.4	351.3	351.3	339.1	351.3	363.4	351.3	351.3	351.3	351.3
75°	339.1	327.0	327.0	314.9	314.9	314.9	327.0	302.8	302.8	302.8	302.8
77.5°	314.9	290.7	290.7	290.7	278.6	290.7	278.6	254.4	254.4	254.4	254.4
80°	266.5	242.2	254.4	254.4	242.2	242.2	230.1	205.9	205.9	205.9	205.9
82.5°	218.0	193.8	205.9	205.9	205.9	205.9	181.7	169.6	157.5	145.3	145.3
85°	193.8	157.5	181.7	181.7	169.6	169.6	121.1	121.1	96.9	96.9	84.8
87.5°	36.3	24.2	48.4	60.6	60.6	72.7	48.4	60.6	36.3	24.2	24.2
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°	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1
2.5°	7679.1	7812.3	7994.0	8127.2	8333.1	8490.6	8732.8	8938.8	9132.5	9217.3	9302.1
5°	6443.7	6528.4	6807.0	7025.0	7352.1	7703.3	8139.4	8611.7	9096.2	9314.2	9568.6
7.5°	4820.6	4978.1	5135.5	5450.5	5850.2	6419.4	6976.6	7679.1	8357.4	8684.4	9120.4
10°	3742.6	3863.8	4045.5	4372.5	4748.0	5220.3	5886.5	6722.2	7533.7	7957.7	8405.8
12.5°	3003.8	3173.4	3415.6	3754.8	4190.8	4675.3	5159.8	5934.9	6879.7	7364.2	7872.9
15°	2434.5	2567.8	2834.2	3258.2	3766.9	4263.5	4772.2	5414.1	6443.7	7000.8	7606.4
17.5°	1937.9	2034.8	2277.1	2701.0	3209.7	3766.9	4348.3	5159.8	6298.3	6976.6	7691.2
20°	1574.6	1647.2	1804.7	2119.6	2604.1	3209.7	3936.4	4917.5	6383.1	7255.2	8127.2
22.5°	1380.8	1405.0	1477.7	1647.2	2046.9	2688.9	3561.0	4711.6	6540.5	7667.0	8841.9
25°	1247.5	1271.8	1296.0	1405.0	1635.1	2240.7	3233.9	4590.5	6879.7	8272.6	9665.5
27.5°	1162.8	1187.0	1199.1	1247.5	1405.0	1913.7	2955.4	4517.8	7340.0	9156.8	10682.9
30°	1090.1	1090.1	1126.4	1199.1	1308.1	1683.6	2713.1	4348.3	7824.4	9895.6	11482.3
32.5°	1029.5	1041.6	1090.1	1126.4	1199.1	1489.8	2470.9	4130.2	8260.5	10501.2	12269.6
35°	920.5	920.5	932.6	993.2	1090.1	1332.3	2252.9	3912.2	8502.7	11094.7	12972.1
37.5°	847.8	860.0	884.2	932.6	1017.4	1223.3	2071.2	3670.0	8757.1	11651.9	13795.7
40°	799.4	811.5	835.7	884.2	969.0	1126.4	1913.7	3476.2	9023.5	12257.5	14679.9
42.5°	763.1	775.2	799.4	847.8	920.5	1102.2	1744.1	3318.7	9181.0	12814.6	15515.6
45°	726.7	738.8	775.2	823.6	884.2	1078.0	1647.2	3209.7	9241.6	13190.1	16181.8
47.5°	690.4	702.5	738.8	811.5	884.2	1041.6	1610.9	3149.2	9290.0	13614.0	16714.7
50°	654.1	678.3	726.7	799.4	896.3	993.2	1586.7	3137.0	9568.6	14159.1	17223.4
52.5°	629.8	666.2	714.6	799.4	884.2	920.5	1574.6	3173.4	10125.7	14970.6	17950.2
55°	605.6	641.9	690.4	799.4	847.8	860.0	1514.0	3233.9	10973.6	16097.0	18979.7
57.5°	581.4	605.6	666.2	775.2	799.4	811.5	1392.9	3318.7	11821.4	17199.2	20033.5
60°	545.0	569.3	629.8	775.2	726.7	763.1	1235.4	3342.9	12427.0	17550.5	20130.4
62.5°	508.7	532.9	593.5	799.4	666.2	714.6	1102.2	3258.2	12548.2	17041.8	19585.3
65°	472.4	496.6	545.0	666.2	617.7	666.2	1017.4	3028.0	12148.5	15879.0	18592.1
67.5°	436.0	460.3	496.6	545.0	557.2	605.6	981.1	2664.7	11143.2	14437.7	17235.6
70°	387.6	411.8	448.1	484.5	496.6	569.3	920.5	2313.4	9520.1	12511.8	15576.2
72.5°	351.3	363.4	399.7	423.9	448.1	520.8	884.2	2022.7	7279.4	10125.7	12705.6
75°	302.8	302.8	339.1	363.4	387.6	460.3	811.5	1683.6	5135.5	7727.5	9338.5
77.5°	254.4	254.4	278.6	302.8	327.0	399.7	690.4	1368.7	3561.0	6128.7	6770.7
80°	193.8	193.8	218.0	242.2	266.5	339.1	557.2	1005.3	2204.4	4481.5	4929.6
82.5°	133.2	133.2	169.6	181.7	193.8	266.5	423.9	690.4	1296.0	3233.9	3524.6
85°	72.7	72.7	96.9	109.0	133.2	193.8	314.9	484.5	775.2	2337.6	2349.8
87.5°	12.1	12.1	36.3	36.3	60.6	96.9	181.7	266.5	436.0	1296.0	823.6
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1	8648.1
2.5°	9459.6	9592.8	9604.9	9604.9	9544.4	9556.5	9386.9	9205.2	9144.7	9132.5
5°	9956.2	10307.4	10404.3	10452.8	10295.3	10053.1	9617.0	9144.7	8902.4	8866.1
7.5°	9859.3	10561.8	10937.3	10985.7	10670.8	10101.5	9338.5	8611.7	8333.1	8260.5
10°	9290.0	10234.7	10913.0	11082.6	10743.5	10016.7	9023.5	8175.7	7836.5	7776.0
12.5°	8890.3	9798.7	10464.9	10695.0	10537.6	9907.7	8866.1	7897.1	7558.0	7473.2
15°	8672.3	9508.0	9944.1	10016.7	10004.6	9738.2	8866.1	7957.7	7582.2	7485.3
17.5°	8854.0	9423.2	9483.8	9314.2	9411.1	9544.4	9059.9	8284.7	7921.3	7836.5
20°	9217.3	9386.9	9096.2	8841.9	8890.3	9314.2	9362.7	8902.4	8611.7	8466.4
22.5°	9980.4	9520.1	8854.0	8502.7	8539.1	9132.5	9762.4	9738.2	9483.8	9411.1
25°	10755.6	9895.6	8781.3	8369.5	8417.9	9096.2	10234.7	10670.8	10537.6	10501.2
27.5°	11615.5	10525.4	8829.7	8308.9	8369.5	9144.7	10561.8	11458.1	11482.3	11446.0
30°	12196.9	10828.2	8975.1	8381.6	8466.4	9265.8	10634.4	11930.4	12148.5	12160.6
32.5°	12681.4	11131.0	9277.9	8502.7	8648.1	9483.8	10828.2	12378.6	12863.1	12875.2
35°	13069.0	11470.2	9653.4	8720.7	8938.8	9847.2	11082.6	12802.5	13529.2	13614.0
37.5°	13565.6	11845.7	10089.4	9193.1	9435.3	10368.0	11530.7	13299.1	14316.5	14546.7
40°	14098.5	12221.1	10719.2	9956.2	10307.4	11143.2	12039.5	13856.3	14982.7	15297.6
42.5°	14692.0	12620.8	11433.8	10985.7	11518.6	12124.2	12620.8	14365.0	15491.4	15854.8
45°	15273.4	13105.3	12475.5	12390.7	12984.2	13287.0	13190.1	14728.3	15975.9	16339.3
47.5°	15685.2	13807.8	13735.2	14243.9	14801.0	14643.6	13856.3	14994.8	16375.6	16775.3
50°	16060.7	14679.9	15321.8	16315.0	16654.2	16121.2	14570.9	15358.2	16799.5	17247.7
52.5°	16617.8	15612.5	16957.0	18192.4	18519.4	17671.6	15346.1	15951.7	17453.6	17853.3
55°	17756.4	16666.3	18664.8	20081.9	20142.5	19088.7	16387.7	16957.0	18374.1	18834.4
57.5°	19028.2	17962.3	20021.3	21644.4	21620.2	20505.8	17562.6	18313.5	19621.6	19936.6
60°	20178.8	19270.4	21499.0	22758.7	22698.1	21535.4	18931.3	19851.8	21050.9	21293.1
62.5°	20857.1	20457.4	22153.1	23109.9	22879.8	21874.5	20094.0	21220.4	22068.3	22153.1
65°	20748.1	21135.7	21390.0	21983.5	21656.5	20929.8	20663.3	22092.5	22177.3	22092.5
67.5°	19924.5	20748.1	19294.6	19355.2	19185.6	18567.9	19779.1	21862.4	21281.0	21075.1
70°	18676.9	18737.5	16133.4	15370.3	15636.8	14788.9	16969.1	20069.8	19173.5	18919.1
72.5°	16605.7	15854.8	12196.9	11421.7	11821.4	11215.8	13614.0	17489.9	16617.8	15794.2
75°	13928.9	12560.3	9290.0	8187.8	8393.7	8369.5	10549.7	14449.8	12875.2	12051.6
77.5°	10791.9	9786.6	6855.5	6431.5	6213.5	6262.0	7364.2	10743.5	9338.5	8308.9
80°	7885.0	6843.4	5305.1	5547.4	5426.2	5135.5	5159.8	7194.6	6492.1	5874.4
82.5°	5450.5	4869.1	4299.8	4857.0	4566.3	4118.1	4021.2	5184.0	4869.1	4493.6
85°	3657.9	4009.1	3415.6	3718.4	3221.8	2967.5	3779.0	4336.1	3500.4	3124.9
87.5°	2386.1	3670.0	2458.8	1865.3	1065.9	1429.2	2313.4	2846.4	1635.1	884.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)