

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: P598965

Luminaire Tested: **IFLD-S-SA2B-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: P598965
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2B-740-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 4000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

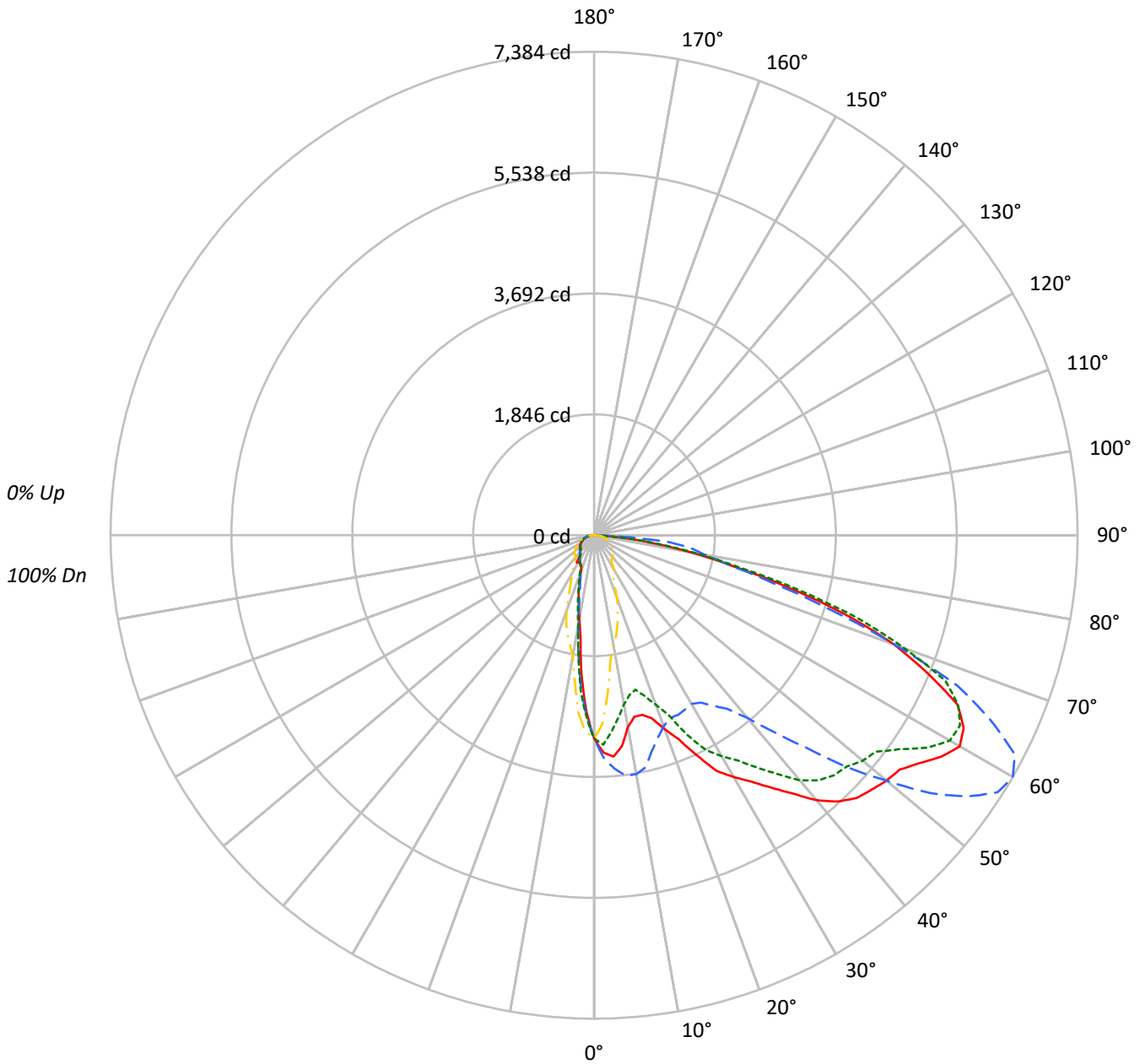
Lumens per Lamp: N/A
 Luminaire Lumens: 9712.0 lumens
 Efficiency: N/A
 Efficacy: 117.9 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 82.4
 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				
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77				
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60				
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47				
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38				
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31				
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26				
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22				
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19				
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17				
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	66779	66779	66779	66779
5°	73364	65172	46738	51019
10°	64983	57354	28348	30420
15°	63278	54443	20067	20836
20°	72149	62971	13127	14509
25°	87906	79823	11461	11872
30°	105918	96815	11887	11032
35°	123527	113677	9850	9285
40°	148435	137298	9201	8717
45°	172745	157793	9313	8655
50°	195224	179353	9522	8946
55°	227673	213767	9864	9379
60°	277687	270080	9830	9830
65°	312074	312512	10096	10534
70°	306703	317548	10574	10845
75°	252992	269835	11112	11828
80°	182663	191750	12286	12819
85°	101099	108534	13832	17019

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	241.0	2.5
10°-20°	508.8	5.2
20°-30°	744.4	7.7
30°-40°	1048.8	10.8
40°-50°	1441.4	14.8
50°-60°	1964.5	20.2
60°-70°	2150.0	22.1
70°-80°	1241.3	12.8
80°-90°	371.7	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°	1494.2	15.4
0°-40°	2543.0	26.2
0°-60°	5948.9	61.3
0°-90°	9712.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9712.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3102	3102	3102	3102	3102	
5°	3395	3016	2163	2361	3395	308
15°	2839	2443	900	935	2839	830
25°	3701	3360	482	500	3701	1733
35°	4700	4326	375	353	4700	2980
45°	5674	5183	306	284	5674	4361
55°	6066	5696	263	250	6066	5473
65°	6126	6135	198	207	6126	5864
75°	3042	3244	134	142	3042	3267
85°	409	439	56	69	409	568
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°	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0
2.5°	3321.7	3308.8	3321.7	3369.1	3382.0	3403.5	3403.5	3373.4	3317.4	3291.5	3248.4
5°	3394.9	3373.4	3481.1	3580.2	3657.7	3649.1	3575.9	3515.6	3403.5	3235.5	3076.1
7.5°	3248.4	3270.0	3347.5	3606.0	3787.0	3821.4	3705.1	3584.5	3343.2	3110.6	2895.2
10°	2972.7	3002.9	3170.9	3438.0	3722.3	3778.4	3705.1	3558.6	3270.0	2981.3	2731.4
12.5°	2839.2	2908.1	3007.2	3330.3	3532.8	3666.3	3631.9	3537.1	3214.0	2873.6	2632.4
15°	2839.2	2856.4	3002.9	3274.3	3390.6	3394.9	3407.8	3425.1	3231.2	2921.0	2597.9
17.5°	2929.6	2977.0	3102.0	3270.0	3291.5	3239.8	3239.8	3313.1	3265.7	3054.6	2722.8
20°	3149.3	3132.1	3295.8	3364.8	3248.4	3119.2	3106.3	3231.2	3304.4	3196.7	2951.2
22.5°	3369.1	3446.6	3580.2	3425.1	3209.7	3037.3	3020.1	3175.2	3420.8	3442.3	3214.0
25°	3700.8	3778.4	3847.3	3657.7	3205.4	3015.8	3028.7	3149.3	3562.9	3791.3	3653.4
27.5°	4058.4	4105.8	4204.9	3911.9	3308.8	2989.9	3002.9	3183.8	3696.5	4019.6	3998.1
30°	4260.9	4312.6	4291.0	3959.3	3377.7	3007.2	2972.7	3231.2	3623.3	4019.6	4222.1
32.5°	4459.1	4428.9	4416.0	4036.9	3463.9	3114.9	3028.7	3330.3	3666.3	4084.2	4510.8
35°	4700.3	4657.2	4622.8	4187.6	3606.0	3218.3	3179.5	3459.5	3761.1	4217.8	4743.4
37.5°	4967.4	4967.4	4799.4	4299.7	3774.0	3386.3	3343.2	3644.8	3911.9	4299.7	5062.2
40°	5281.9	5294.9	4997.6	4450.4	3963.6	3653.4	3640.5	3886.1	4058.4	4420.3	5368.1
42.5°	5514.6	5523.2	5169.9	4506.5	4183.3	4023.9	4079.9	4273.8	4226.4	4528.0	5389.7
45°	5674.0	5630.9	5290.6	4665.9	4424.6	4579.7	4596.9	4652.9	4446.1	4592.6	5475.8
47.5°	5751.5	5742.9	5342.3	4851.1	4933.0	5144.1	5243.2	5165.6	4648.6	4523.7	5475.8
50°	5829.1	5755.9	5389.7	5105.3	5428.4	5854.9	5833.4	5691.2	4928.7	4609.9	5394.0
52.5°	5880.8	5816.2	5484.4	5333.6	5902.3	6384.9	6471.0	6208.2	5256.1	4769.3	5432.7
55°	6066.0	6014.4	5768.8	5643.8	6449.5	6944.9	6957.9	6591.7	5600.8	5032.1	5686.9
57.5°	6290.1	6320.2	6160.8	6083.3	6867.4	7354.2	7306.8	6876.0	5893.7	5350.9	5979.9
60°	6449.5	6496.9	6458.1	6466.7	7074.2	7492.1	7384.4	7052.6	6109.1	5592.1	6337.5
62.5°	6363.3	6458.1	6617.5	6583.0	7082.8	7393.0	7242.2	6820.0	6135.0	5906.6	6608.9
65°	6126.4	6135.0	6445.2	6634.7	6695.1	6880.3	6682.1	6333.2	5867.9	6100.5	6570.1
67.5°	5518.9	5587.8	5867.9	6238.4	5984.2	6027.3	6010.0	5506.0	5462.9	5967.0	6272.8
70°	4872.7	4920.0	5225.9	5661.1	5053.6	4851.1	4889.9	4515.1	4691.7	5553.4	5674.0
72.5°	4028.2	4058.4	4407.4	4790.8	4054.1	3692.2	3782.7	3476.8	3726.7	4859.7	4786.5
75°	3041.6	3097.6	3369.1	3821.4	2985.6	2753.0	2843.5	2718.5	2951.2	4002.4	3713.7
77.5°	2162.8	2119.7	2455.7	2989.9	2244.6	2106.7	2115.4	2136.9	2386.8	3373.4	2666.8
80°	1473.4	1486.4	1787.9	2192.9	1762.1	1740.5	1719.0	1891.3	2003.3	2671.1	1938.7
82.5°	874.6	874.6	1206.3	1559.6	1391.6	1568.2	1469.1	1624.2	1568.2	1964.6	1270.9
85°	409.3	409.3	620.4	1124.5	1077.1	1292.5	1098.6	1227.9	1158.9	1370.0	573.0
87.5°	68.9	60.3	124.9	551.5	443.8	504.1	198.2	654.9	728.1	956.4	142.2
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0
2.5°	3201.0	3170.9	3110.6	3033.0	2968.4	2886.5	2860.7	2804.7	2727.1	2718.5	2684.1
5°	3015.8	2912.4	2783.1	2623.7	2516.0	2404.0	2309.2	2253.2	2188.6	2180.0	2162.8
7.5°	2813.3	2684.1	2468.6	2279.1	2093.8	1917.2	1831.0	1723.3	1650.1	1594.1	1568.2
10°	2623.7	2503.1	2236.0	1977.5	1813.8	1697.5	1594.1	1482.0	1391.6	1322.6	1296.8
12.5°	2498.8	2356.6	2068.0	1822.4	1701.8	1568.2	1451.9	1331.3	1214.9	1124.5	1077.1
15°	2442.8	2309.2	2016.3	1744.9	1568.2	1383.0	1249.4	1128.8	986.6	922.0	900.4
17.5°	2576.3	2378.2	1999.0	1654.4	1404.5	1193.4	1029.7	900.4	797.0	732.4	706.6
20°	2748.7	2503.1	2029.2	1546.7	1249.4	1012.4	831.5	693.6	624.7	577.3	573.0
22.5°	2968.4	2688.4	2076.6	1469.1	1077.1	814.3	650.5	568.7	521.3	517.0	508.4
25°	3360.5	3024.4	2154.1	1365.7	939.2	672.1	555.8	508.4	486.8	473.9	482.5
27.5°	3696.5	3244.1	2210.1	1301.1	883.2	633.3	538.5	486.8	465.3	461.0	465.3
30°	3894.7	3446.6	2192.9	1180.5	771.2	603.2	573.0	555.8	512.7	478.2	478.2
32.5°	4075.6	3575.9	2188.6	1072.8	659.2	504.1	478.2	465.3	491.1	508.4	495.5
35°	4325.5	3778.4	2175.7	1012.4	611.8	465.3	422.2	387.7	370.5	361.9	374.8
37.5°	4592.6	3916.2	2141.2	1003.8	585.9	443.8	409.3	374.8	357.6	349.0	344.7
40°	4885.6	4062.7	2102.4	960.7	573.0	430.8	396.4	366.2	344.7	331.7	327.4
42.5°	5075.1	4179.0	2063.7	939.2	547.2	422.2	383.4	357.6	336.0	318.8	318.8
45°	5182.9	4316.9	2024.9	917.7	517.0	426.5	383.4	349.0	323.1	314.5	305.9
47.5°	5230.2	4420.3	2012.0	883.2	491.1	409.3	374.8	340.4	314.5	297.3	293.0
50°	5355.2	4640.0	2059.4	857.3	461.0	392.1	396.4	336.0	310.2	288.7	284.3
52.5°	5428.4	4816.7	2162.8	818.6	439.4	370.5	387.7	327.4	297.3	275.7	275.7
55°	5695.5	5109.6	2274.8	788.4	413.6	340.4	357.6	310.2	275.7	262.8	262.8
57.5°	6035.9	5419.8	2369.6	775.5	396.4	318.8	318.8	301.6	262.8	245.6	241.3
60°	6272.8	5674.0	2425.6	766.9	379.1	297.3	284.3	301.6	249.9	232.6	228.3
62.5°	6298.7	5527.5	2369.6	762.6	374.8	275.7	258.5	288.7	237.0	219.7	211.1
65°	6135.0	5230.2	2214.5	745.3	370.5	254.2	241.3	249.9	219.7	206.8	198.2
67.5°	5807.6	4747.7	1990.4	736.7	366.2	237.0	219.7	215.4	202.5	189.6	180.9
70°	5045.0	4118.7	1727.6	697.9	357.6	224.0	198.2	193.9	180.9	172.3	168.0
72.5°	4235.0	3369.1	1426.0	646.2	340.4	202.5	180.9	172.3	168.0	155.1	150.8
75°	3244.1	2593.6	1141.7	573.0	297.3	180.9	159.4	150.8	146.5	137.9	133.6
77.5°	2279.1	1930.1	844.4	465.3	249.9	163.7	142.2	133.6	129.2	116.3	116.3
80°	1546.7	1352.8	573.0	323.1	193.9	133.6	124.9	116.3	107.7	99.1	99.1
82.5°	960.7	947.8	413.6	211.1	142.2	107.7	99.1	99.1	86.2	77.5	77.5
85°	439.4	581.6	288.7	146.5	107.7	81.9	81.9	77.5	68.9	56.0	56.0
87.5°	137.9	193.9	150.8	64.6	60.3	47.4	47.4	43.1	43.1	34.5	34.5
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°	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0
2.5°	2718.5	2714.2	2714.2	2697.0	2740.1	2740.1	2765.9	2744.4	2757.3	2761.6	2796.1
5°	2158.4	2192.9	2218.8	2270.5	2300.6	2313.5	2313.5	2348.0	2335.1	2360.9	2412.6
7.5°	1581.1	1624.2	1701.8	1766.4	1818.1	1835.3	1831.0	1839.6	1852.6	1822.4	1831.0
10°	1279.6	1249.4	1275.2	1335.6	1383.0	1439.0	1395.9	1391.6	1404.5	1391.6	1417.4
12.5°	1068.5	1034.0	1012.4	1012.4	1046.9	1072.8	1059.8	1081.4	1128.8	1141.7	1171.9
15°	866.0	835.8	818.6	797.0	831.5	840.1	853.0	883.2	917.7	934.9	969.4
17.5°	693.6	693.6	693.6	676.4	689.3	702.2	706.6	745.3	749.6	766.9	779.8
20°	568.7	581.6	603.2	611.8	624.7	624.7	616.1	637.6	620.4	633.3	641.9
22.5°	512.7	529.9	538.5	542.8	560.1	564.4	542.8	547.2	551.5	538.5	542.8
25°	482.5	491.1	482.5	486.8	491.1	482.5	486.8	495.5	491.1	499.8	495.5
27.5°	469.6	461.0	456.7	452.4	452.4	443.8	448.1	448.1	456.7	461.0	461.0
30°	469.6	456.7	439.4	426.5	426.5	413.6	422.2	430.8	435.1	443.8	443.8
32.5°	482.5	456.7	426.5	413.6	400.7	392.1	400.7	413.6	430.8	435.1	439.4
35°	383.4	396.4	392.1	374.8	370.5	370.5	366.2	366.2	353.3	353.3	349.0
37.5°	344.7	340.4	349.0	353.3	357.6	344.7	344.7	327.4	323.1	327.4	327.4
40°	323.1	323.1	323.1	336.0	340.4	331.7	318.8	310.2	310.2	310.2	314.5
42.5°	314.5	305.9	301.6	310.2	323.1	314.5	301.6	297.3	297.3	301.6	301.6
45°	301.6	297.3	293.0	288.7	305.9	293.0	288.7	284.3	284.3	284.3	288.7
47.5°	288.7	284.3	275.7	275.7	280.0	275.7	271.4	271.4	271.4	280.0	280.0
50°	280.0	275.7	267.1	267.1	267.1	267.1	262.8	262.8	262.8	267.1	271.4
52.5°	267.1	262.8	258.5	254.2	254.2	254.2	254.2	254.2	254.2	258.5	262.8
55°	254.2	249.9	245.6	245.6	249.9	249.9	245.6	249.9	245.6	249.9	254.2
57.5°	241.3	237.0	232.6	237.0	241.3	237.0	237.0	237.0	237.0	237.0	241.3
60°	224.0	224.0	224.0	224.0	232.6	232.6	232.6	232.6	224.0	228.3	232.6
62.5°	215.4	211.1	211.1	215.4	219.7	219.7	224.0	219.7	215.4	219.7	219.7
65°	198.2	198.2	198.2	202.5	202.5	206.8	206.8	206.8	202.5	206.8	206.8
67.5°	185.3	185.3	185.3	185.3	193.9	193.9	193.9	193.9	189.6	189.6	193.9
70°	163.7	168.0	163.7	172.3	180.9	176.6	180.9	180.9	176.6	172.3	180.9
72.5°	150.8	150.8	150.8	150.8	163.7	163.7	163.7	168.0	163.7	159.4	163.7
75°	133.6	133.6	133.6	137.9	146.5	146.5	146.5	146.5	146.5	142.2	142.2
77.5°	116.3	120.6	116.3	120.6	129.2	124.9	129.2	133.6	129.2	124.9	124.9
80°	99.1	99.1	99.1	103.4	107.7	107.7	107.7	112.0	107.7	103.4	103.4
82.5°	77.5	77.5	81.9	81.9	86.2	86.2	86.2	90.5	86.2	81.9	81.9
85°	60.3	60.3	60.3	64.6	64.6	68.9	68.9	73.2	73.2	68.9	68.9
87.5°	38.8	34.5	38.8	38.8	43.1	43.1	38.8	34.5	38.8	34.5	30.2
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0	3102.0
2.5°	2830.5	2908.1	2964.1	3002.9	3058.9	3166.6	3209.7	3287.2	3308.8	3321.7
5°	2434.2	2516.0	2636.7	2722.8	2821.9	3024.4	3179.5	3295.8	3347.5	3394.9
7.5°	1908.6	2016.3	2141.2	2253.2	2416.9	2666.8	2869.3	3110.6	3201.0	3248.4
10°	1490.7	1589.8	1727.6	1865.5	2093.8	2304.9	2593.6	2813.3	2938.2	2972.7
12.5°	1258.0	1374.3	1538.1	1706.1	1848.2	2089.5	2382.5	2701.3	2817.6	2839.2
15°	1068.5	1227.9	1395.9	1568.2	1731.9	1943.0	2257.5	2645.3	2817.6	2839.2
17.5°	883.2	1025.4	1223.5	1408.8	1598.4	1887.0	2279.1	2692.7	2865.0	2929.6
20°	702.2	840.1	995.2	1227.9	1486.4	1792.2	2326.5	2852.1	3080.4	3149.3
22.5°	581.6	641.9	792.7	1016.8	1322.6	1727.6	2373.9	3102.0	3343.2	3369.1
25°	508.4	551.5	646.2	857.3	1193.4	1684.5	2485.9	3390.6	3700.8	3700.8
27.5°	473.9	491.1	555.8	745.3	1102.9	1645.8	2597.9	3709.4	3998.1	4058.4
30°	465.3	508.4	542.8	663.5	1003.8	1538.1	2701.3	3959.3	4256.6	4260.9
32.5°	456.7	448.1	473.9	577.3	883.2	1426.0	2787.5	4213.5	4446.1	4459.1
35°	357.6	374.8	417.9	508.4	792.7	1344.2	2830.5	4351.4	4687.4	4700.3
37.5°	336.0	357.6	392.1	469.6	732.4	1275.2	2843.5	4618.5	4941.6	4967.4
40°	327.4	344.7	370.5	435.1	685.0	1189.1	2869.3	4894.2	5316.4	5281.9
42.5°	310.2	331.7	357.6	417.9	646.2	1124.5	2873.6	5045.0	5514.6	5514.6
45°	305.9	318.8	349.0	417.9	603.2	1068.5	2804.7	5195.8	5742.9	5674.0
47.5°	288.7	314.5	340.4	405.0	551.5	1012.4	2722.8	5273.3	5773.1	5751.5
50°	284.3	310.2	353.3	383.4	521.3	986.6	2705.6	5467.2	5833.4	5829.1
52.5°	275.7	301.6	366.2	366.2	482.5	952.1	2787.5	5553.4	5846.3	5880.8
55°	262.8	301.6	340.4	336.0	448.1	909.0	2877.9	5777.4	6074.7	6066.0
57.5°	254.2	293.0	323.1	305.9	409.3	878.9	3011.5	5992.8	6350.4	6290.1
60°	241.3	293.0	288.7	284.3	379.1	853.0	3123.5	6035.9	6410.7	6449.5
62.5°	232.6	305.9	254.2	262.8	353.3	840.1	3076.1	5712.8	6328.9	6363.3
65°	224.0	262.8	232.6	241.3	344.7	814.3	2890.9	5325.0	5975.6	6126.4
67.5°	206.8	215.4	215.4	224.0	336.0	753.9	2511.7	4627.1	5437.0	5518.9
70°	189.6	193.9	193.9	206.8	327.4	685.0	2072.3	4002.4	4717.6	4872.7
72.5°	172.3	172.3	172.3	189.6	301.6	629.0	1706.1	3076.1	3920.5	4028.2
75°	150.8	150.8	150.8	168.0	271.4	573.0	1344.2	2287.7	2886.5	3041.6
77.5°	133.6	133.6	129.2	150.8	237.0	465.3	969.4	1615.6	2033.5	2162.8
80°	112.0	107.7	107.7	120.6	185.3	336.0	624.7	1141.7	1417.4	1473.4
82.5°	90.5	86.2	81.9	90.5	133.6	211.1	387.7	797.0	909.0	874.6
85°	86.2	90.5	73.2	68.9	94.8	137.9	245.6	491.1	409.3	409.3
87.5°	34.5	30.2	30.2	25.8	47.4	51.7	107.7	90.5	68.9	68.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)