

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: P598852

Luminaire Tested: **IFLD-S-SA2E-722-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598852
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2E-722-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 2200K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

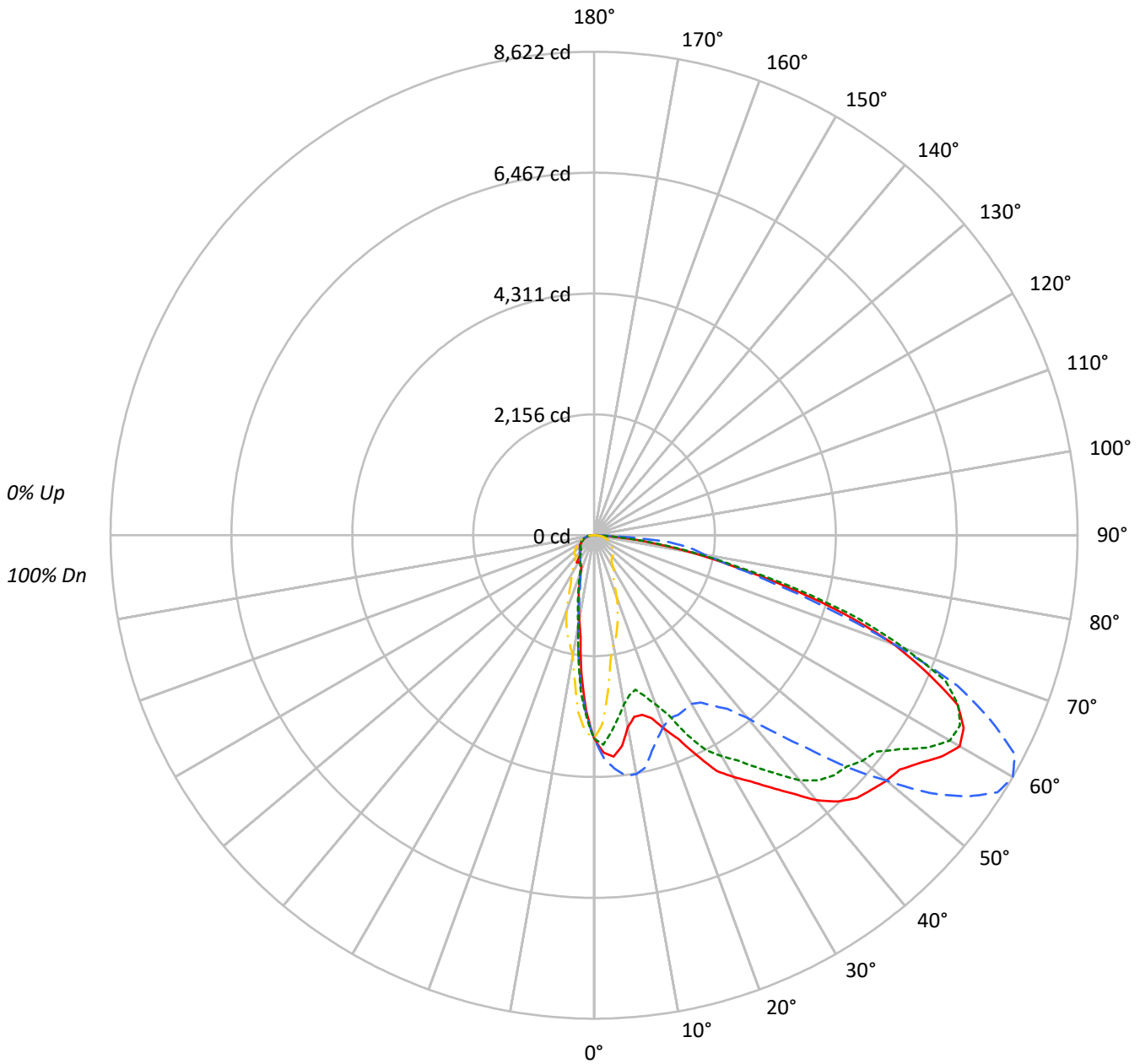
Lumens per Lamp: N/A
 Luminaire Lumens: 11340.2 lumens
 Efficiency: N/A
 Efficacy: 72.6 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 156.2
 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	50	30	10	0		
RCR	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100	100	100	100	100		
	1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	80	77	77	77	77	77		
	2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	62	60	60	60	60	60		
	3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	50	47	47	47	47	47		
	4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	40	38	38	38	38	38		
	5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	34	31	31	31	31	31		
	6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	29	26	26	26	26	26		
	7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	25	22	22	22	22	22		
	8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	22	19	19	19	19	19		
	9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	19	17	17	17	17	17		
	10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	17	15	15	15	15	15		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	77974	77974	77974	77974
5°	85664	76098	54572	59575
10°	75878	66970	33100	35520
15°	73884	63570	23433	24329
20°	84245	73528	15329	16942
25°	102645	93203	13383	13860
30°	123675	113045	13881	12879
35°	144239	132736	11503	10841
40°	173323	160317	10744	10179
45°	201707	184247	10875	10108
50°	227956	209421	11119	10446
55°	265844	249607	11519	10952
60°	324244	315361	11479	11479
65°	364393	364903	11787	12302
70°	358121	370786	12349	12664
75°	295412	315075	12967	13807
80°	213297	223897	14344	14964
85°	118043	126738	16154	19884

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	281.4	2.5
10°-20°	594.1	5.2
20°-30°	869.2	7.7
30°-40°	1224.7	10.8
40°-50°	1683.1	14.8
50°-60°	2293.8	20.2
60°-70°	2510.5	22.1
70°-80°	1449.4	12.8
80°-90°	434.0	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°	1744.7	15.4
0°-40°	2969.4	26.2
0°-60°	6946.3	61.3
0°-90°	11340.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11340.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3622	3622	3622	3622	3622	
5°	3964	3521	2525	2757	3964	360
15°	3315	2852	1051	1092	3315	969
25°	4321	3924	563	584	4321	2023
35°	5488	5051	438	412	5488	3480
45°	6625	6052	357	332	6625	5092
55°	7083	6650	307	292	7083	6391
65°	7154	7164	231	242	7154	6847
75°	3552	3788	156	166	3552	3815
85°	478	513	65	80	478	663
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°	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0
2.5°	3878.6	3863.5	3878.6	3933.9	3949.0	3974.1	3974.1	3938.9	3873.5	3843.4	3793.0
5°	3964.1	3938.9	4064.7	4180.4	4271.0	4260.9	4175.4	4104.9	3974.1	3778.0	3591.8
7.5°	3793.0	3818.2	3908.8	4210.6	4421.9	4462.1	4326.3	4185.4	3903.7	3632.1	3380.5
10°	3471.1	3506.3	3702.5	4014.4	4346.4	4411.8	4326.3	4155.2	3818.2	3481.2	3189.4
12.5°	3315.1	3395.6	3511.3	3888.6	4125.1	4281.0	4240.8	4130.1	3752.8	3355.4	3073.7
15°	3315.1	3335.3	3506.3	3823.2	3959.1	3964.1	3979.2	3999.3	3772.9	3410.7	3033.4
17.5°	3420.8	3476.1	3622.0	3818.2	3843.4	3783.0	3783.0	3868.5	3813.2	3566.7	3179.3
20°	3677.3	3657.2	3848.4	3928.9	3793.0	3642.1	3627.0	3772.9	3858.4	3732.7	3445.9
22.5°	3933.9	4024.5	4180.4	3999.3	3747.8	3546.6	3526.4	3707.5	3994.3	4019.4	3752.8
25°	4321.3	4411.8	4492.3	4271.0	3742.7	3521.4	3536.5	3677.3	4160.3	4426.9	4265.9
27.5°	4738.8	4794.1	4909.8	4567.8	3863.5	3491.2	3506.3	3717.6	4316.2	4693.5	4668.4
30°	4975.2	5035.6	5010.4	4623.1	3944.0	3511.3	3471.1	3772.9	4230.7	4693.5	4930.0
32.5°	5206.6	5171.4	5156.3	4713.6	4044.6	3637.1	3536.5	3888.6	4281.0	4769.0	5267.0
35°	5488.4	5438.0	5397.8	4889.7	4210.6	3757.8	3712.6	4039.5	4391.7	4924.9	5538.7
37.5°	5800.2	5800.2	5604.1	5020.5	4406.8	3954.0	3903.7	4255.9	4567.8	5020.5	5910.9
40°	6167.5	6182.6	5835.5	5196.6	4628.1	4265.9	4250.8	4537.6	4738.8	5161.4	6268.1
42.5°	6439.1	6449.2	6036.7	5262.0	4884.7	4698.6	4763.9	4990.3	4935.0	5287.1	6293.2
45°	6625.3	6575.0	6177.5	5448.1	5166.4	5347.5	5367.6	5433.0	5191.5	5362.6	6393.9
47.5°	6715.8	6705.7	6237.9	5664.4	5760.0	6006.5	6122.2	6031.7	5428.0	5282.1	6393.9
50°	6806.4	6720.8	6293.2	5961.2	6338.5	6836.5	6811.4	6645.4	5755.0	5382.7	6298.3
52.5°	6866.7	6791.3	6403.9	6227.8	6891.9	7455.3	7555.9	7249.0	6137.3	5568.8	6343.5
55°	7083.0	7022.7	6735.9	6590.0	7530.8	8109.3	8124.4	7696.8	6539.7	5875.7	6640.4
57.5°	7344.6	7379.8	7193.7	7103.2	8018.7	8587.2	8531.8	8028.8	6881.8	6248.0	6982.4
60°	7530.8	7586.1	7540.8	7550.9	8260.2	8748.2	8622.4	8235.0	7133.3	6529.7	7400.0
62.5°	7430.2	7540.8	7727.0	7686.7	8270.3	8632.5	8456.4	7963.4	7163.5	6896.9	7716.9
65°	7153.5	7163.5	7525.7	7747.1	7817.5	8033.8	7802.4	7394.9	6851.6	7123.3	7671.6
67.5°	6444.2	6524.6	6851.6	7284.3	6987.5	7037.8	7017.6	6429.1	6378.8	6967.3	7324.5
70°	5689.6	5744.9	6102.1	6610.2	5900.9	5664.4	5709.7	5272.0	5478.3	6484.4	6625.3
72.5°	4703.6	4738.8	5146.3	5594.0	4733.8	4311.2	4416.8	4059.7	4351.4	5674.5	5589.0
75°	3551.6	3617.0	3933.9	4462.1	3486.2	3214.5	3320.2	3174.3	3445.9	4673.4	4336.4
77.5°	2525.3	2475.0	2867.4	3491.2	2620.9	2459.9	2470.0	2495.2	2786.9	3938.9	3113.9
80°	1720.5	1735.5	2087.7	2560.6	2057.5	2032.3	2007.2	2208.4	2339.2	3119.0	2263.8
82.5°	1021.2	1021.2	1408.6	1821.1	1624.9	1831.1	1715.4	1896.5	1831.1	2293.9	1484.0
85°	477.9	477.9	724.4	1313.0	1257.6	1509.2	1282.8	1433.7	1353.2	1599.7	669.1
87.5°	80.5	70.4	145.9	643.9	518.1	588.6	231.4	764.6	850.2	1116.8	166.0
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°	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0
2.5°	3737.7	3702.5	3632.1	3541.5	3466.1	3370.5	3340.3	3274.9	3184.4	3174.3	3134.0
5°	3521.4	3400.7	3249.7	3063.6	2937.9	2807.1	2696.4	2631.0	2555.5	2545.5	2525.3
7.5°	3285.0	3134.0	2882.5	2661.2	2444.9	2238.6	2138.0	2012.2	1926.7	1861.3	1831.1
10°	3063.6	2922.8	2610.9	2309.0	2117.9	1982.0	1861.3	1730.5	1624.9	1544.4	1514.2
12.5°	2917.7	2751.7	2414.7	2127.9	1987.1	1831.1	1695.3	1554.4	1418.6	1313.0	1257.6
15°	2852.3	2696.4	2354.3	2037.4	1831.1	1614.8	1458.9	1318.0	1152.0	1076.5	1051.4
17.5°	3008.3	2776.9	2334.2	1931.7	1640.0	1393.5	1202.3	1051.4	930.7	855.2	825.0
20°	3209.5	2922.8	2369.4	1806.0	1458.9	1182.2	970.9	809.9	729.4	674.1	669.1
22.5°	3466.1	3139.1	2424.7	1715.4	1257.6	950.8	759.6	664.0	608.7	603.7	593.6
25°	3923.8	3531.5	2515.3	1594.7	1096.7	784.8	648.9	593.6	568.5	553.4	563.4
27.5°	4316.2	3788.0	2580.7	1519.2	1031.3	739.5	628.8	568.5	543.3	538.3	543.3
30°	4547.6	4024.5	2560.6	1378.4	900.5	704.3	669.1	648.9	598.6	558.4	558.4
32.5°	4758.9	4175.4	2555.5	1252.6	769.7	588.6	558.4	543.3	573.5	593.6	578.5
35°	5050.7	4411.8	2540.4	1182.2	714.3	543.3	493.0	452.8	432.6	422.6	437.7
37.5°	5362.6	4572.8	2500.2	1172.1	684.2	518.1	477.9	437.7	417.5	407.5	402.4
40°	5704.7	4743.8	2454.9	1121.8	669.1	503.1	462.8	427.6	402.4	387.4	382.3
42.5°	5926.0	4879.7	2409.6	1096.7	638.9	493.0	447.7	417.5	392.4	372.3	372.3
45°	6051.8	5040.6	2364.4	1071.5	603.7	498.0	447.7	407.5	377.3	367.2	357.2
47.5°	6107.1	5161.4	2349.3	1031.3	573.5	477.9	437.7	397.4	367.2	347.1	342.1
50°	6253.0	5417.9	2404.6	1001.1	538.3	457.8	462.8	392.4	362.2	337.0	332.0
52.5°	6338.5	5624.2	2525.3	955.8	513.1	432.6	452.8	382.3	347.1	322.0	322.0
55°	6650.4	5966.3	2656.1	920.6	482.9	397.4	417.5	362.2	322.0	306.9	306.9
57.5°	7047.8	6328.5	2766.8	905.5	462.8	372.3	372.3	352.1	306.9	286.7	281.7
60°	7324.5	6625.3	2832.2	895.4	442.7	347.1	332.0	352.1	291.8	271.7	266.6
62.5°	7354.7	6454.2	2766.8	890.4	437.7	322.0	301.8	337.0	276.7	256.6	246.5
65°	7163.5	6107.1	2585.7	870.3	432.6	296.8	281.7	291.8	256.6	241.5	231.4
67.5°	6781.2	5543.7	2324.1	860.2	427.6	276.7	256.6	251.5	236.4	221.3	211.3
70°	5890.8	4809.2	2017.3	815.0	417.5	261.6	231.4	226.4	211.3	201.2	196.2
72.5°	4945.0	3933.9	1665.1	754.6	397.4	236.4	211.3	201.2	196.2	181.1	176.1
75°	3788.0	3028.4	1333.1	669.1	347.1	211.3	186.1	176.1	171.0	161.0	155.9
77.5°	2661.2	2253.7	986.0	543.3	291.8	191.2	166.0	155.9	150.9	135.8	135.8
80°	1806.0	1579.6	669.1	377.3	226.4	155.9	145.9	135.8	125.8	115.7	115.7
82.5°	1121.8	1106.7	482.9	246.5	166.0	125.8	115.7	115.7	100.6	90.6	90.6
85°	513.1	679.1	337.0	171.0	125.8	95.6	95.6	90.6	80.5	65.4	65.4
87.5°	161.0	226.4	176.1	75.5	70.4	55.3	55.3	50.3	50.3	40.2	40.2
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°	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0
2.5°	3174.3	3169.3	3169.3	3149.1	3199.4	3199.4	3229.6	3204.5	3219.6	3224.6	3264.8
5°	2520.3	2560.6	2590.7	2651.1	2686.3	2701.4	2701.4	2741.7	2726.6	2756.8	2817.1
7.5°	1846.2	1896.5	1987.1	2062.5	2122.9	2143.0	2138.0	2148.1	2163.1	2127.9	2138.0
10°	1494.1	1458.9	1489.0	1559.5	1614.8	1680.2	1629.9	1624.9	1640.0	1624.9	1655.1
12.5°	1247.6	1207.3	1182.2	1182.2	1222.4	1252.6	1237.5	1262.7	1318.0	1333.1	1368.3
15°	1011.1	975.9	955.8	930.7	970.9	981.0	996.1	1031.3	1071.5	1091.6	1131.9
17.5°	809.9	809.9	809.9	789.8	804.9	820.0	825.0	870.3	875.3	895.4	910.5
20°	664.0	679.1	704.3	714.3	729.4	729.4	719.4	744.5	724.4	739.5	749.6
22.5°	598.6	618.8	628.8	633.9	654.0	659.0	633.9	638.9	643.9	628.8	633.9
25°	563.4	573.5	563.4	568.5	573.5	563.4	568.5	578.5	573.5	583.5	578.5
27.5°	548.3	538.3	533.2	528.2	528.2	518.1	523.2	523.2	533.2	538.3	538.3
30°	548.3	533.2	513.1	498.0	498.0	482.9	493.0	503.1	508.1	518.1	518.1
32.5°	563.4	533.2	498.0	482.9	467.8	457.8	467.8	482.9	503.1	508.1	513.1
35°	447.7	462.8	457.8	437.7	432.6	432.6	427.6	427.6	412.5	412.5	407.5
37.5°	402.4	397.4	407.5	412.5	417.5	402.4	402.4	382.3	377.3	382.3	382.3
40°	377.3	377.3	377.3	392.4	397.4	387.4	372.3	362.2	362.2	362.2	367.2
42.5°	367.2	357.2	352.1	362.2	377.3	367.2	352.1	347.1	347.1	352.1	352.1
45°	352.1	347.1	342.1	337.0	357.2	342.1	337.0	332.0	332.0	332.0	337.0
47.5°	337.0	332.0	322.0	322.0	327.0	322.0	316.9	316.9	316.9	327.0	327.0
50°	327.0	322.0	311.9	311.9	311.9	311.9	306.9	306.9	306.9	311.9	316.9
52.5°	311.9	306.9	301.8	296.8	296.8	296.8	296.8	296.8	296.8	301.8	306.9
55°	296.8	291.8	286.7	286.7	291.8	291.8	286.7	291.8	286.7	291.8	296.8
57.5°	281.7	276.7	271.7	276.7	281.7	276.7	276.7	276.7	276.7	276.7	281.7
60°	261.6	261.6	261.6	261.6	271.7	271.7	271.7	271.7	261.6	266.6	271.7
62.5°	251.5	246.5	246.5	251.5	256.6	256.6	261.6	256.6	251.5	256.6	256.6
65°	231.4	231.4	231.4	236.4	236.4	241.5	241.5	241.5	236.4	241.5	241.5
67.5°	216.3	216.3	216.3	216.3	226.4	226.4	226.4	226.4	221.3	221.3	226.4
70°	191.2	196.2	191.2	201.2	211.3	206.3	211.3	211.3	206.3	201.2	211.3
72.5°	176.1	176.1	176.1	176.1	191.2	191.2	191.2	196.2	191.2	186.1	191.2
75°	155.9	155.9	155.9	161.0	171.0	171.0	171.0	171.0	171.0	166.0	166.0
77.5°	135.8	140.9	135.8	140.9	150.9	145.9	150.9	155.9	150.9	145.9	145.9
80°	115.7	115.7	115.7	120.7	125.8	125.8	125.8	130.8	125.8	120.7	120.7
82.5°	90.6	90.6	95.6	95.6	100.6	100.6	100.6	105.6	100.6	95.6	95.6
85°	70.4	70.4	70.4	75.5	75.5	80.5	80.5	85.5	85.5	80.5	80.5
87.5°	45.3	40.2	45.3	45.3	50.3	50.3	45.3	40.2	45.3	40.2	35.2
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°	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0	3622.0
2.5°	3305.1	3395.6	3461.0	3506.3	3571.7	3697.5	3747.8	3838.3	3863.5	3878.6
5°	2842.3	2937.9	3078.7	3179.3	3295.0	3531.5	3712.6	3848.4	3908.8	3964.1
7.5°	2228.5	2354.3	2500.2	2631.0	2822.1	3113.9	3350.4	3632.1	3737.7	3793.0
10°	1740.6	1856.3	2017.3	2178.2	2444.9	2691.4	3028.4	3285.0	3430.8	3471.1
12.5°	1468.9	1604.8	1795.9	1992.1	2158.1	2439.8	2781.9	3154.2	3290.0	3315.1
15°	1247.6	1433.7	1629.9	1831.1	2022.3	2268.8	2636.0	3088.8	3290.0	3315.1
17.5°	1031.3	1197.3	1428.7	1645.0	1866.3	2203.4	2661.2	3144.1	3345.3	3420.8
20°	820.0	981.0	1162.1	1433.7	1735.5	2092.7	2716.5	3330.2	3596.9	3677.3
22.5°	679.1	749.6	925.6	1187.2	1544.4	2017.3	2771.8	3622.0	3903.7	3933.9
25°	593.6	643.9	754.6	1001.1	1393.5	1967.0	2902.6	3959.1	4321.3	4321.3
27.5°	553.4	573.5	648.9	870.3	1287.8	1921.7	3033.4	4331.3	4668.4	4738.8
30°	543.3	593.6	633.9	774.7	1172.1	1795.9	3154.2	4623.1	4970.2	4975.2
32.5°	533.2	523.2	553.4	674.1	1031.3	1665.1	3254.8	4919.9	5191.5	5206.6
35°	417.5	437.7	488.0	593.6	925.6	1569.5	3305.1	5080.9	5473.3	5488.4
37.5°	392.4	417.5	457.8	548.3	855.2	1489.0	3320.2	5392.8	5770.1	5800.2
40°	382.3	402.4	432.6	508.1	799.9	1388.4	3350.4	5714.7	6207.7	6167.5
42.5°	362.2	387.4	417.5	488.0	754.6	1313.0	3355.4	5890.8	6439.1	6439.1
45°	357.2	372.3	407.5	488.0	704.3	1247.6	3274.9	6066.9	6705.7	6625.3
47.5°	337.0	367.2	397.4	472.9	643.9	1182.2	3179.3	6157.4	6741.0	6715.8
50°	332.0	362.2	412.5	447.7	608.7	1152.0	3159.2	6383.8	6811.4	6806.4
52.5°	322.0	352.1	427.6	427.6	563.4	1111.8	3254.8	6484.4	6826.5	6866.7
55°	306.9	352.1	397.4	392.4	523.2	1061.5	3360.4	6746.0	7093.1	7083.0
57.5°	296.8	342.1	377.3	357.2	477.9	1026.2	3516.4	6997.5	7415.1	7344.6
60°	281.7	342.1	337.0	332.0	442.7	996.1	3647.2	7047.8	7485.5	7530.8
62.5°	271.7	357.2	296.8	306.9	412.5	981.0	3591.8	6670.5	7389.9	7430.2
65°	261.6	306.9	271.7	281.7	402.4	950.8	3375.5	6217.8	6977.4	7153.5
67.5°	241.5	251.5	251.5	261.6	392.4	880.3	2932.8	5402.8	6348.6	6444.2
70°	221.3	226.4	226.4	241.5	382.3	799.9	2419.7	4673.4	5508.5	5689.6
72.5°	201.2	201.2	201.2	221.3	352.1	734.5	1992.1	3591.8	4577.8	4703.6
75°	176.1	176.1	176.1	196.2	316.9	669.1	1569.5	2671.2	3370.5	3551.6
77.5°	155.9	155.9	150.9	176.1	276.7	543.3	1131.9	1886.5	2374.4	2525.3
80°	130.8	125.8	125.8	140.9	216.3	392.4	729.4	1333.1	1655.1	1720.5
82.5°	105.6	100.6	95.6	105.6	155.9	246.5	452.8	930.7	1061.5	1021.2
85°	100.6	105.6	85.5	80.5	110.7	161.0	286.7	573.5	477.9	477.9
87.5°	40.2	35.2	35.2	30.2	55.3	60.4	125.8	105.6	80.5	80.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)