

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P641346

Luminaire Tested: GWS-SA5F-760-U-SLR-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P641346
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-41)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA5F-760-U-SLR-W
Description: GALLEON WALL SLIM LUMINAIRE. (5) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source: (80) 5700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 39871.3 lumens
Efficiency: N/A
Efficacy: 128.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G5

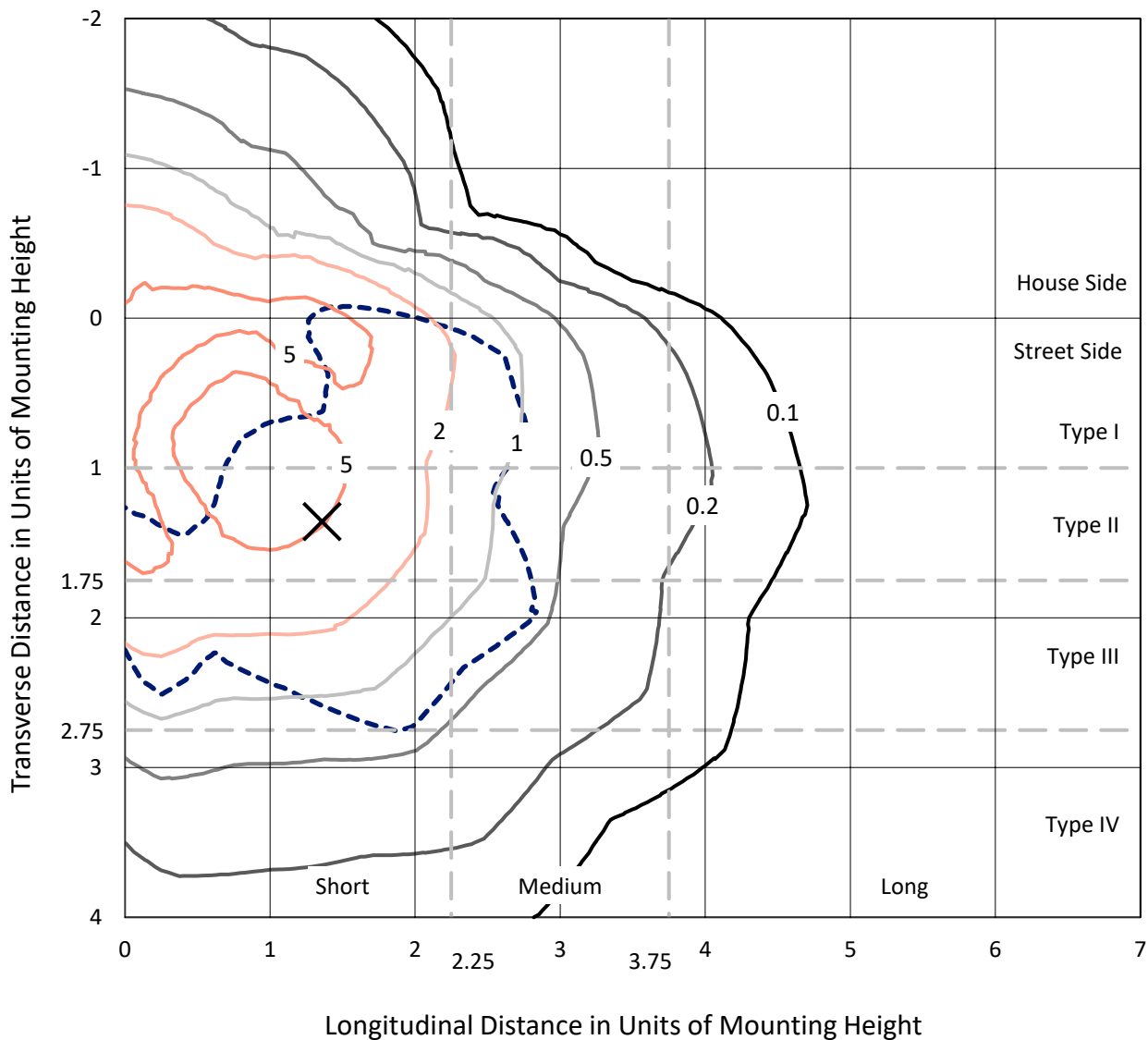
Input Watts (W): 310.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

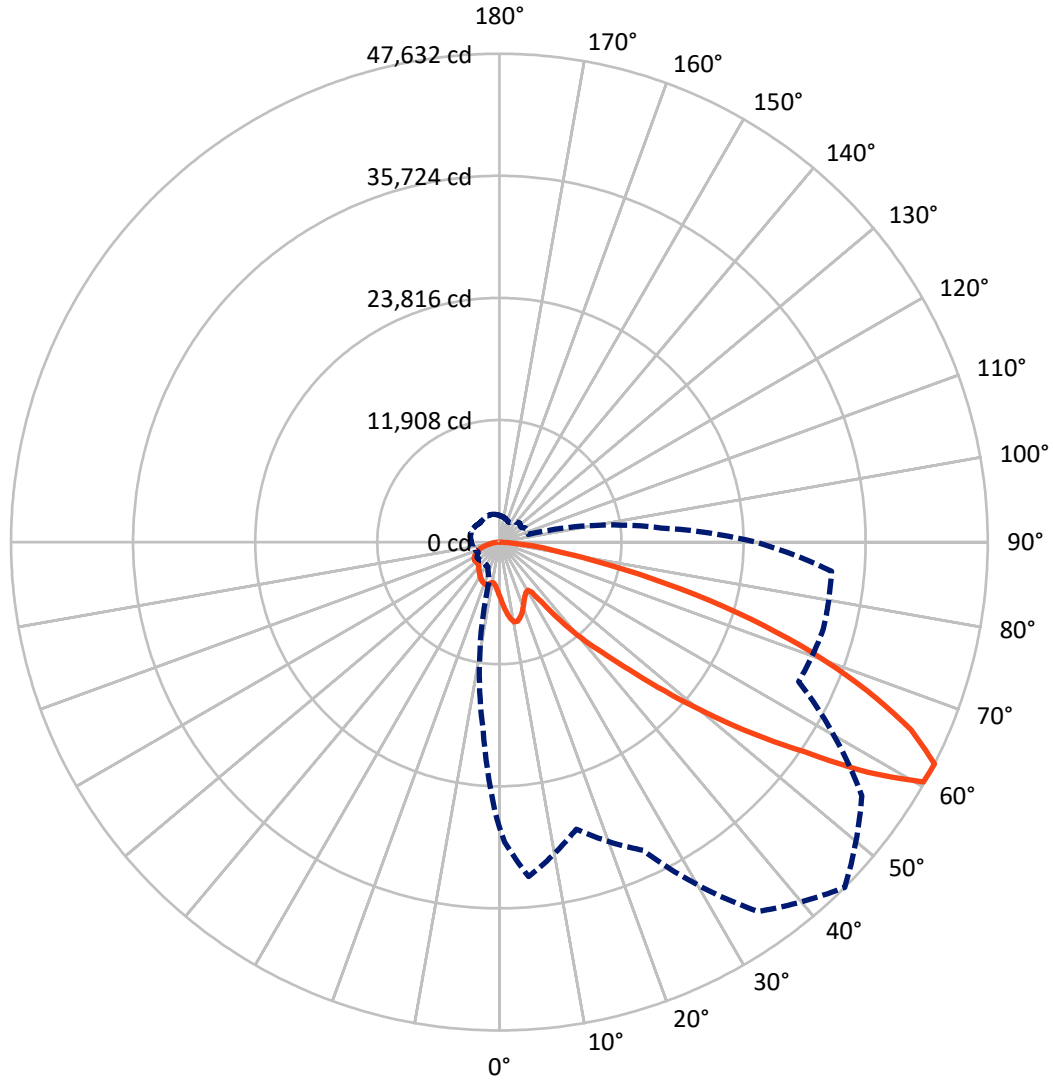
✕ Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 8.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9514.0	0.0	9514.0
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	30357.3	0.0	30357.3
	% Fixture	76.1	0.0	76.1
Total	Lumens	39871.3	0.0	39871.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	516.8	1.3
10°-20°	1620.1	4.1
20°-30°	2516.4	6.3
30°-40°	3416.6	8.6
40°-50°	5415.0	13.6
50°-60°	9552.0	24.0
60°-70°	10628.1	26.7
70°-80°	5390.2	13.5
80°-90°	816.2	2.0
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°-90°	39871.3	100.0
0°-180°	39871.3	100.0

Coefficient of Utilization



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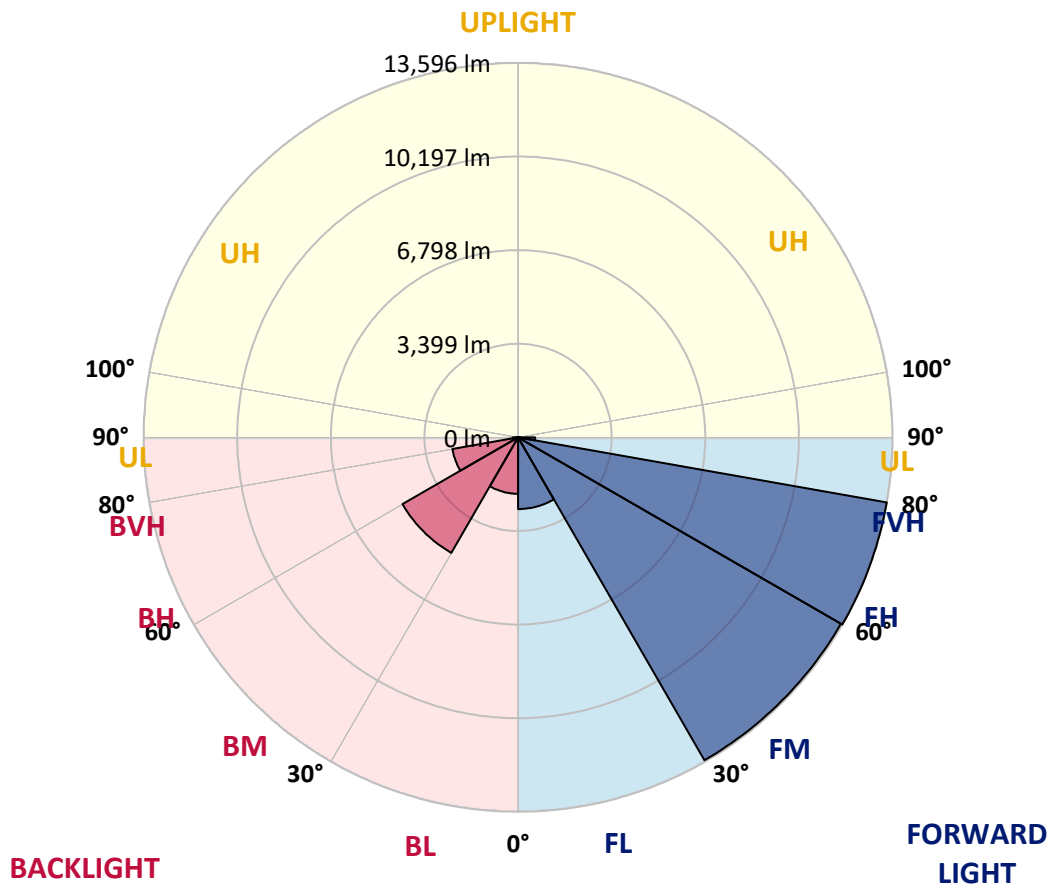
CATALOG NUMBER: GWS-SA5F-760-U-SLR-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2603.3	6.5			
FM (30°-60°)	13538.0	34.0			
FH (60°-80°)	13596.5	34.1			G5
FVH (80°-90°)	619.5	1.6			G4/750
BL (0°-30°)	2050.0	5.1	B3/2500		
BM (30°-60°)	4845.6	12.2	B3/5000		
BH (60°-80°)	2421.8	6.1	B3/2500		G3/2500
BVH (80°-90°)	196.7	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7
2.5°	5687.2	5684.2	5741.5	5829.1	5910.6	5946.8	6007.2	6001.1	5952.8	5889.4	5868.3
5°	6133.9	6146.0	6245.6	6438.8	6653.2	6743.7	6783.0	6767.9	6680.3	6568.6	6372.4
7.5°	6538.4	6559.6	6713.5	7003.3	7269.0	7389.7	7486.3	7468.2	7341.4	7133.1	6843.3
10°	6834.3	6858.4	7042.6	7383.7	7679.5	7785.2	7908.9	7915.0	7803.3	7522.5	7226.7
12.5°	7130.1	7154.3	7326.3	7637.2	7830.4	7833.5	7905.9	7945.2	7951.2	7821.4	7525.6
15°	7438.0	7459.1	7616.1	7791.2	7782.1	7613.1	7613.1	7688.6	7854.6	7948.2	7742.9
17.5°	7700.6	7727.8	7848.6	7791.2	7522.5	7217.6	7181.4	7278.0	7567.8	7927.0	7905.9
20°	7918.0	7939.1	8005.5	7625.2	7136.1	6737.7	6668.3	6779.9	7172.4	7797.2	8029.7
22.5°	8126.3	8138.3	8102.1	7407.8	6719.6	6263.7	6179.2	6297.0	6719.6	7567.8	8135.3
25°	8373.8	8361.7	8189.7	7181.4	6339.2	5889.4	5801.9	5934.7	6375.4	7262.9	8250.0
27.5°	8660.6	8615.3	8265.1	6936.9	6046.4	5611.7	5551.3	5693.2	6103.8	6982.2	8340.6
30°	8905.1	8817.5	8277.2	6719.6	5895.5	5494.0	5457.8	5590.6	5970.9	6792.0	8455.3
32.5°	9176.8	9056.0	8346.6	6662.2	5980.0	5777.7	5826.0	5835.1	6007.2	6737.7	8627.4
35°	9566.2	9409.2	8536.8	6828.2	6849.4	7190.5	7365.6	7130.1	6553.5	6858.4	8953.4
37.5°	10154.8	9955.6	8923.2	7546.7	8645.5	9409.2	9831.8	9294.5	8213.8	7314.2	9445.4
40°	10870.2	10616.7	9418.3	8874.9	10323.9	11546.4	12298.1	11510.2	9922.4	8452.3	10136.7
42.5°	11869.4	11603.8	10378.2	10179.0	11878.5	13698.7	14679.8	13505.5	11428.7	9922.4	11244.6
45°	13611.2	13354.6	12138.1	11486.1	13698.7	16349.1	17725.7	16092.6	12959.2	11398.5	13315.4
47.5°	16829.1	16527.2	14752.3	12935.0	15775.6	19790.4	21716.3	19337.6	14550.0	13089.0	16792.9
50°	20693.0	20403.2	18033.6	14649.6	18069.8	23470.2	26147.8	23150.2	16382.3	15144.7	20949.6
52.5°	25341.8	25287.4	22715.5	16817.0	20457.6	27394.5	31065.2	27373.3	18389.8	17912.8	25658.7
55°	29531.7	30063.0	28662.3	20122.5	23542.6	32324.0	36121.5	31979.8	21112.6	22489.1	31173.8
57.5°	31789.7	33217.5	35369.8	26866.2	28028.4	38216.4	42361.1	37603.6	25791.6	30108.3	36287.5
60°	30298.4	31916.4	35816.6	31943.6	32477.9	42937.6	47510.9	42330.9	30386.0	35397.0	35997.7
62.5°	27817.1	29269.1	32737.5	28979.3	33166.2	43976.0	47631.7	43155.0	32212.3	32713.4	32517.2
65°	24873.9	26337.9	30011.7	25296.5	30977.6	41509.8	44117.9	40731.0	28931.0	29555.8	29628.3
67.5°	20964.7	22317.1	26057.2	22492.1	28236.7	37890.4	38723.6	37277.6	26642.8	27639.0	26597.5
70°	15663.9	16883.4	20185.9	18278.1	23802.2	33175.2	32502.1	32716.4	24073.9	25064.1	22217.4
72.5°	10704.2	11621.9	14453.4	14362.9	18226.8	26558.3	25619.5	27651.1	20107.4	21420.5	16937.8
75°	7486.3	8201.7	10447.6	11347.2	13777.2	19684.8	18244.9	20696.0	15703.1	17577.7	12358.5
77.5°	4594.4	5068.4	6598.8	8407.0	8862.8	13472.3	11332.1	15573.3	11027.2	12820.3	8244.0
80°	2297.2	2526.6	3205.8	5285.7	5877.4	7939.1	6257.7	9040.9	7462.2	7939.1	4561.2
82.5°	694.3	766.7	938.8	2007.4	3045.8	4570.3	3697.9	5252.5	4075.2	3722.0	1796.1
85°	184.1	208.3	259.6	594.7	1068.6	1639.1	1249.7	2544.7	1953.1	1373.5	676.2
87.5°	15.1	15.1	12.1	12.1	6.0	0.0	0.0	181.1	365.3	208.3	117.7
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7
2.5°	5762.6	5750.6	5626.8	5536.2	5430.6	5328.0	5222.3	5128.7	5023.1	4917.4	4887.2
5°	6227.5	6143.0	5880.4	5660.0	5442.7	5252.5	5086.5	4914.4	4775.5	4639.7	4588.4
7.5°	6638.1	6490.1	6109.8	5774.7	5472.9	5237.4	4992.9	4742.3	4546.1	4352.9	4304.6
10°	7009.4	6813.1	6333.2	5910.6	5575.5	5306.8	5020.1	4685.0	4401.2	4165.8	4102.4
12.5°	7284.1	7069.7	6526.4	6040.4	5660.0	5358.1	5074.4	4778.6	4479.7	4174.8	4105.4
15°	7501.4	7278.0	6686.4	6140.0	5663.0	5273.6	4998.9	4896.3	4802.7	4503.9	4377.1
17.5°	7676.5	7441.0	6825.2	6200.4	5581.5	5017.0	4778.6	4929.5	5168.0	4980.8	4742.3
20°	7836.5	7598.0	6930.9	6242.6	5400.4	4663.9	4531.0	4851.0	5210.2	5204.2	4989.9
22.5°	8011.6	7779.1	7084.8	6266.8	5146.8	4304.6	4383.1	4736.3	5029.1	5116.7	4983.8
25°	8234.9	8029.7	7299.2	6321.1	4860.1	4057.1	4274.4	4588.4	4832.9	4854.0	4775.5
27.5°	8494.5	8340.6	7619.1	6447.9	4582.3	3930.3	4147.7	4380.1	4603.5	4612.5	4519.0
30°	8778.3	8675.7	7915.0	6553.5	4374.1	3891.1	3984.6	4171.8	4313.7	4337.8	4256.3
32.5°	9140.5	9050.0	8177.6	6484.1	4250.3	3882.0	3833.7	3930.3	4048.0	4048.0	3984.6
35°	9638.6	9511.8	8455.3	6218.5	4099.4	3845.8	3673.7	3700.9	3752.2	3761.3	3725.0
37.5°	10345.0	10136.7	8736.0	5693.2	3851.8	3716.0	3489.6	3456.4	3474.5	3498.6	3489.6
40°	11220.4	10879.3	9146.6	5062.3	3556.0	3465.4	3299.4	3236.0	3220.9	3269.2	3287.3
42.5°	12322.2	11800.0	9587.3	4473.7	3287.3	3178.7	3076.0	3021.7	2997.5	3079.0	3127.3
45°	14082.1	13221.8	10009.9	3891.1	3136.4	2934.2	2864.7	2825.5	2837.6	2934.2	2994.5
47.5°	17121.9	15392.2	10411.4	3522.8	3124.3	2759.1	2674.5	2683.6	2716.8	2819.4	2891.9
50°	20967.7	18299.2	10680.1	3368.8	3160.6	2653.4	2541.7	2590.0	2641.3	2741.0	2825.5
52.5°	24882.9	21007.0	10360.1	3284.3	3157.5	2656.4	2418.0	2562.9	2587.0	2686.6	2777.2
55°	27575.6	21308.8	8950.4	3154.5	3109.2	2777.2	2321.4	2550.8	2565.9	2656.4	2737.9
57.5°	28601.9	20276.4	6825.2	3190.7	2964.3	2870.8	2279.1	2466.3	2574.9	2653.4	2737.9
60°	27361.3	18329.4	4147.7	3284.3	2731.9	2864.7	2306.3	2312.3	2499.5	2632.3	2716.8
62.5°	25021.8	15829.9	2913.0	3018.7	2562.9	2704.7	2369.7	2131.2	2366.6	2526.6	2602.1
65°	22341.2	12889.7	2221.7	2599.1	2481.4	2457.2	2390.8	1971.2	2185.5	2342.5	2408.9
67.5°	19548.9	10019.0	1805.2	1938.0	2242.9	2221.7	2185.5	1829.3	1971.2	2082.9	2158.4
70°	16032.2	7009.4	1524.4	1455.0	1922.9	1992.3	1910.8	1651.2	1696.5	1811.2	1871.6
72.5°	11727.5	4368.0	1252.7	1201.4	1545.6	1741.8	1699.5	1455.0	1476.1	1584.8	1633.1
75°	8434.2	2499.5	1005.2	990.1	1180.3	1491.2	1406.7	1252.7	1276.9	1358.4	1391.6
77.5°	5361.2	1391.6	775.8	796.9	845.2	1113.9	1201.4	1071.6	1071.6	1119.9	1147.1
80°	2870.8	796.9	567.5	576.6	591.7	851.3	947.9	830.1	830.1	796.9	830.1
82.5°	1171.2	458.8	389.4	362.2	395.4	582.6	664.1	528.3	552.4	498.1	510.2
85°	386.4	229.4	193.2	190.2	187.2	256.6	320.0	262.6	313.9	199.2	208.3
87.5°	51.3	42.3	24.1	18.1	21.1	9.1	18.1	21.1	21.1	15.1	15.1
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°	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7
2.5°	4866.1	4842.0	4754.4	4775.5	4760.4	4736.3	4760.4	4715.2	4751.4	4763.5	4838.9
5°	4549.1	4491.8	4407.3	4365.0	4355.9	4331.8	4334.8	4313.7	4319.7	4371.0	4455.6
7.5°	4265.4	4211.1	4144.6	4114.5	4087.3	4060.1	4057.1	4054.1	4078.2	4123.5	4205.0
10°	4060.1	4029.9	4002.8	4014.8	4002.8	3990.7	3969.6	3969.6	4008.8	4090.3	4189.9
12.5°	4060.1	4054.1	4060.1	4096.3	4093.3	4096.3	4069.2	4084.3	4192.9	4331.8	4473.7
15°	4277.5	4229.2	4229.2	4247.3	4241.2	4241.2	4241.2	4304.6	4552.2	4766.5	4917.4
17.5°	4543.1	4401.2	4340.9	4331.8	4328.8	4328.8	4340.9	4476.7	4863.1	5089.5	5177.0
20°	4727.2	4458.6	4359.0	4319.7	4322.7	4328.8	4365.0	4552.2	4977.8	5092.5	5071.4
22.5°	4760.4	4413.3	4292.6	4235.2	4244.3	4250.3	4304.6	4503.9	4820.8	4838.9	4796.7
25°	4606.5	4286.5	4156.7	4111.4	4123.5	4120.5	4168.8	4313.7	4540.1	4534.0	4509.9
27.5°	4377.1	4084.3	3987.7	3957.5	3978.6	3954.5	3969.6	4081.2	4256.3	4250.3	4241.2
30°	4141.6	3888.1	3800.5	3785.4	3812.6	3776.4	3779.4	3873.0	3993.7	3987.7	3984.6
32.5°	3906.2	3691.8	3613.4	3613.4	3640.5	3601.3	3607.3	3688.8	3770.3	3746.2	3746.2
35°	3682.8	3531.8	3468.5	3456.4	3477.5	3450.3	3462.4	3537.9	3568.1	3534.9	3513.7
37.5°	3486.6	3420.2	3356.8	3314.5	3317.5	3320.5	3356.8	3414.1	3396.0	3347.7	3320.5
40°	3305.4	3305.4	3245.1	3166.6	3157.5	3178.7	3239.0	3302.4	3251.1	3196.8	3163.6
42.5°	3175.6	3202.8	3145.5	3067.0	3048.9	3085.1	3151.5	3196.8	3136.4	3076.0	3030.7
45°	3054.9	3121.3	3082.1	2994.5	2970.4	3012.6	3097.2	3115.3	3033.8	2976.4	2943.2
47.5°	2970.4	3060.9	3033.8	2949.2	2913.0	2973.4	3060.9	3057.9	2955.3	2894.9	2867.7
50°	2910.0	3024.7	3021.7	2949.2	2910.0	2985.5	3064.0	3024.7	2913.0	2849.6	2822.5
52.5°	2861.7	3021.7	3042.8	3000.6	2973.4	3039.8	3088.1	3012.6	2882.8	2816.4	2795.3
55°	2840.6	3033.8	3048.9	3009.6	2985.5	3045.8	3088.1	3036.8	2882.8	2822.5	2804.3
57.5°	2846.6	3018.7	3021.7	2967.4	2925.1	3000.6	3067.0	3051.9	2916.0	2846.6	2825.5
60°	2810.4	2937.2	2943.2	2858.7	2810.4	2900.9	3018.7	3009.6	2900.9	2828.5	2789.3
62.5°	2689.6	2801.3	2804.3	2725.9	2656.4	2786.2	2916.0	2913.0	2813.4	2741.0	2695.7
65°	2487.4	2605.1	2635.3	2559.8	2505.5	2644.4	2780.2	2774.2	2674.5	2608.1	2562.9
67.5°	2236.8	2363.6	2421.0	2369.7	2348.5	2475.3	2602.1	2599.1	2517.6	2454.2	2414.9
70°	1932.0	2037.6	2134.2	2134.2	2119.1	2264.0	2399.8	2387.8	2312.3	2264.0	2233.8
72.5°	1678.4	1759.9	1790.1	1820.3	1865.5	2016.5	2131.2	2140.2	2085.9	2061.8	2085.9
75°	1427.8	1479.2	1506.3	1482.2	1560.7	1717.6	1868.6	1883.7	1826.3	1787.1	1796.1
77.5°	1174.3	1231.6	1258.8	1204.5	1198.4	1397.6	1581.8	1615.0	1566.7	1506.3	1524.4
80°	848.2	923.7	969.0	932.8	920.7	1008.2	1261.8	1298.0	1252.7	1204.5	1231.6
82.5°	519.2	561.5	573.5	609.8	685.2	721.5	812.0	932.8	899.6	857.3	932.8
85°	205.3	244.5	271.7	307.9	359.2	425.6	501.1	597.7	543.4	525.2	618.8
87.5°	12.1	3.0	0.0	6.0	51.3	99.6	214.3	295.8	247.5	265.6	320.0
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7	5291.7
2.5°	4899.3	4977.8	5083.4	5171.0	5282.7	5388.3	5497.0	5605.7	5663.0	5687.2
5°	4552.2	4697.1	4866.1	5053.3	5270.6	5500.0	5732.5	5970.9	6121.9	6133.9
7.5°	4343.9	4552.2	4784.6	5020.1	5288.7	5605.7	5974.0	6342.2	6496.2	6538.4
10°	4410.3	4642.7	4826.9	5047.2	5343.1	5738.5	6173.2	6604.9	6783.0	6834.3
12.5°	4675.9	4721.2	4778.6	4980.8	5343.1	5853.2	6378.5	6891.6	7081.8	7130.1
15°	4896.3	4678.9	4576.3	4790.6	5270.6	5952.8	6595.8	7163.3	7392.7	7438.0
17.5°	4914.4	4540.1	4316.7	4509.9	5143.8	6022.3	6804.1	7465.2	7658.4	7700.6
20°	4730.3	4392.2	4102.4	4220.1	4971.8	6052.4	6955.0	7685.5	7875.7	7918.0
22.5°	4522.0	4271.4	3957.5	3951.4	4763.5	6085.6	7136.1	7893.8	8099.1	8126.3
25°	4325.8	4105.4	3839.8	3755.2	4522.0	6149.0	7380.7	8207.8	8364.7	8373.8
27.5°	4096.3	3927.3	3746.2	3664.7	4310.7	6269.8	7742.9	8582.1	8675.7	8660.6
30°	3888.1	3761.3	3679.8	3655.6	4177.8	6360.3	8087.0	8950.4	8956.4	8905.1
32.5°	3667.7	3619.4	3619.4	3697.9	4069.2	6339.2	8367.8	9309.6	9252.2	9176.8
35°	3471.5	3480.5	3543.9	3728.1	3888.1	6127.9	8636.4	9759.4	9674.9	9566.2
37.5°	3284.3	3353.7	3444.3	3622.4	3649.6	5814.0	8950.4	10396.3	10290.7	10154.8
40°	3124.3	3230.0	3335.6	3423.2	3396.0	5367.2	9388.1	11144.9	11027.2	10870.2
42.5°	2997.5	3100.2	3217.9	3227.0	3236.0	4902.3	9853.0	12062.6	12041.5	11869.4
45°	2916.0	2982.5	3094.1	3079.0	3227.0	4389.2	10281.6	13463.3	13741.0	13611.2
47.5°	2861.7	2913.0	2925.1	2988.5	3305.4	3930.3	10834.0	16204.2	16977.0	16829.1
50°	2831.5	2882.8	2747.0	2994.5	3317.5	3634.5	11597.7	19645.5	20889.2	20693.0
52.5°	2828.5	2816.4	2611.2	3057.9	3251.1	3453.4	11996.2	22157.1	24916.1	25341.8
55°	2834.5	2683.6	2541.7	3076.0	3118.3	3387.0	10662.0	23364.5	28632.1	29531.7
57.5°	2780.2	2538.7	2581.0	3003.6	2867.7	3565.1	7881.8	22932.9	30117.3	31789.7
60°	2677.6	2399.8	2653.4	2807.4	2611.2	3260.2	5427.6	21007.0	28577.8	30298.4
62.5°	2529.6	2303.2	2644.4	2553.8	2517.6	2668.5	3731.1	18311.3	26135.7	27817.1
65°	2363.6	2224.8	2502.5	2309.3	2330.4	2052.7	2638.3	15268.5	23219.6	24873.9
67.5°	2185.5	2176.5	2294.2	2055.7	1968.2	1627.1	1922.9	12237.7	19473.5	20964.7
70°	1983.3	2049.7	2085.9	1826.3	1596.9	1276.9	1427.8	8557.9	14365.9	15663.9
72.5°	1781.0	1787.1	1838.4	1587.8	1195.4	1023.3	1071.6	5183.1	9759.4	10704.2
75°	1575.7	1518.4	1566.7	1292.0	890.5	839.2	827.1	3202.8	6740.7	7486.3
77.5°	1355.4	1292.0	1228.6	972.0	715.4	649.0	633.9	1796.1	4135.6	4594.4
80°	1101.8	1017.3	917.7	712.4	522.2	464.9	461.9	875.4	2061.8	2297.2
82.5°	857.3	697.3	670.1	443.7	323.0	283.8	301.9	335.1	621.8	694.3
85°	600.7	507.1	356.2	178.1	144.9	117.7	114.7	99.6	166.0	184.1
87.5°	335.1	220.4	114.7	21.1	24.1	27.2	21.1	15.1	15.1	15.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)