

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: P641344

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

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P641344
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-43)
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-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (5) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH
Light Source: (80) 5700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 32946.3 lumens
Efficiency: N/A
Efficacy: 106.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B4 - U0 - G3

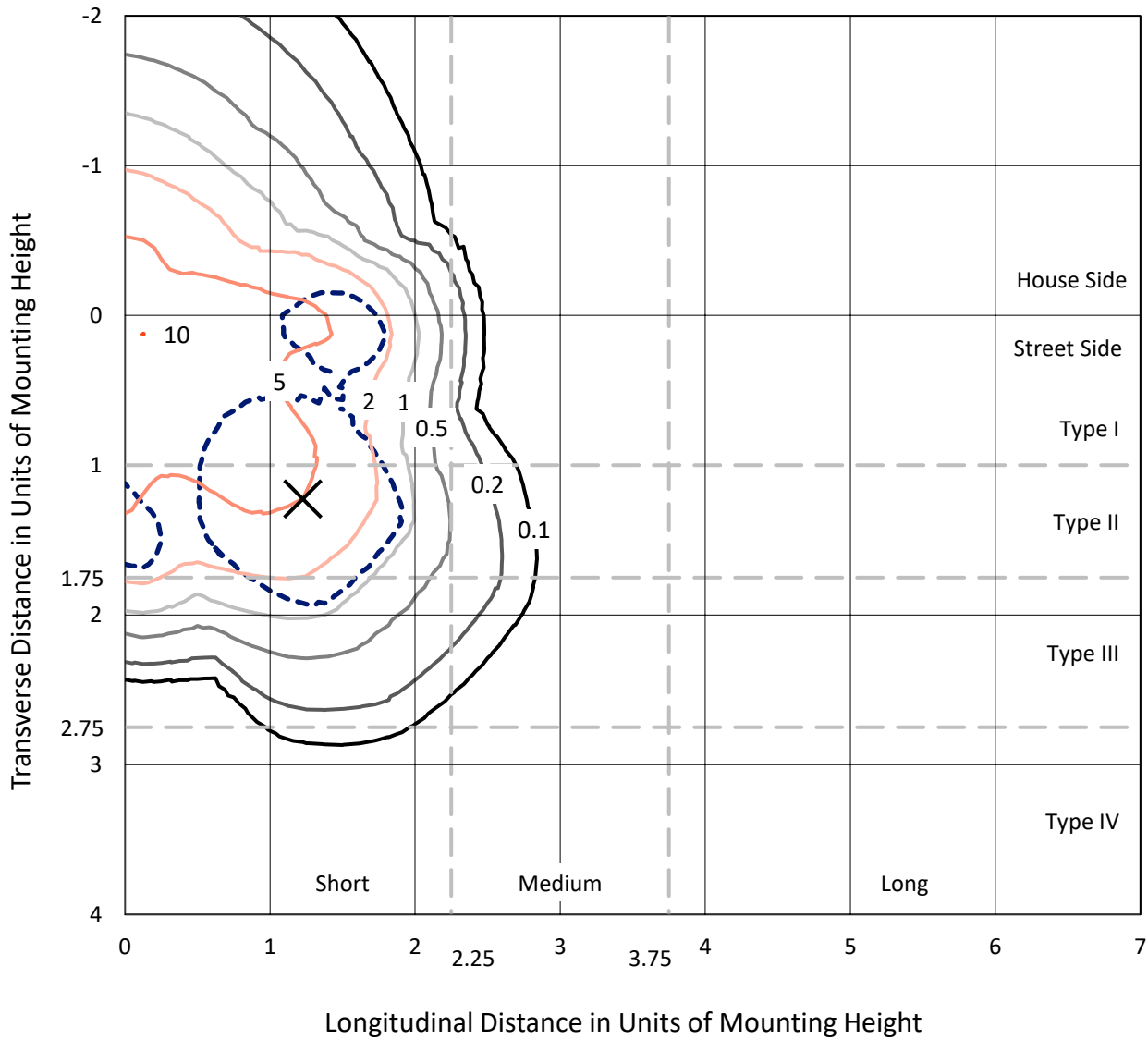
Input Watts (W): 310.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

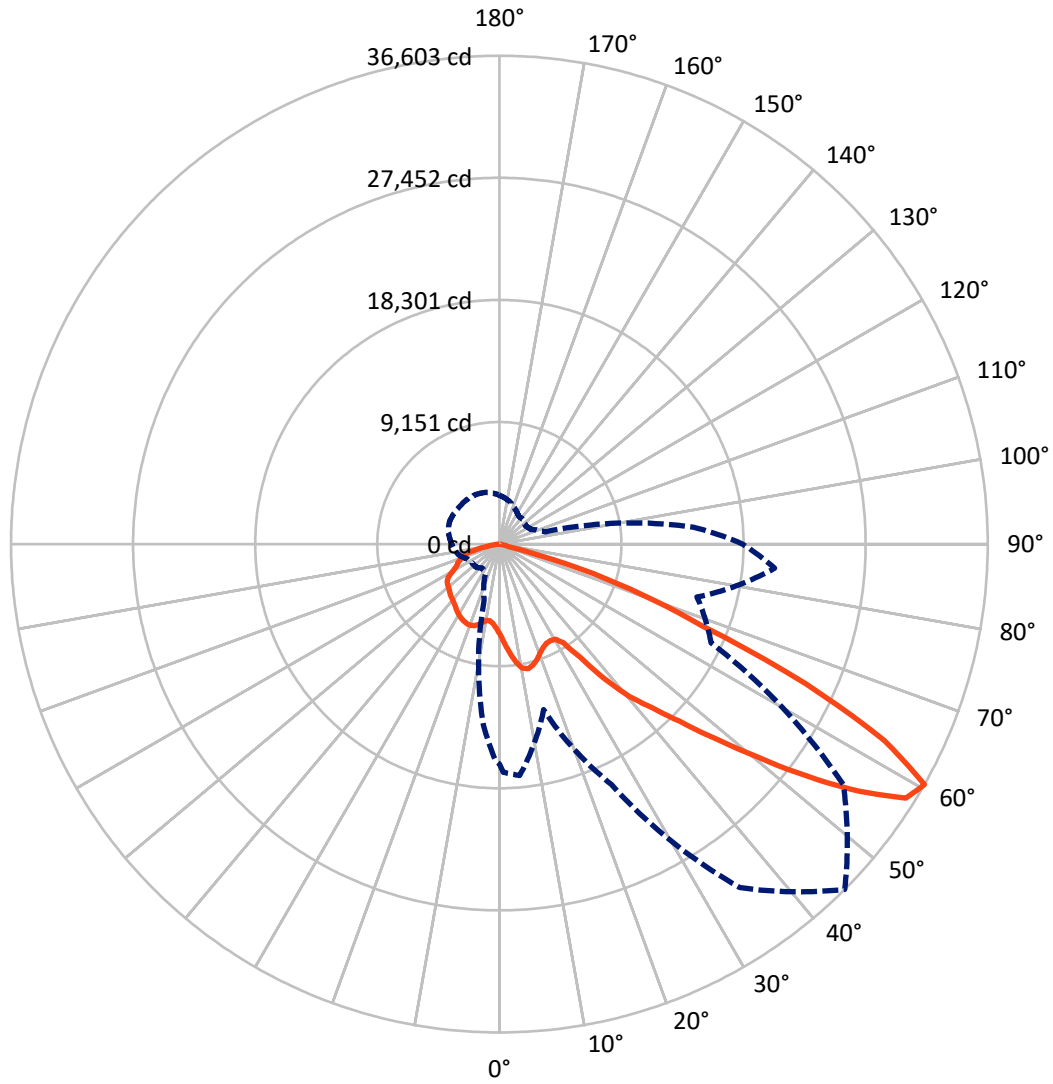
✕ Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 10 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11548.9	0.0	11548.9
	% Fixture	35.1	0.0	35.1
Street Side	Lumens	21397.4	0.0	21397.4
	% Fixture	64.9	0.0	64.9
Total	Lumens	32946.3	0.0	32946.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	660.3	2.0
10°-20°	2086.7	6.3
20°-30°	3389.6	10.3
30°-40°	4780.3	14.5
40°-50°	6606.3	20.1
50°-60°	8504.2	25.8
60°-70°	5388.4	16.4
70°-80°	1382.7	4.2
80°-90°	147.9	0.4
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°	32946.3	100.0
0°-180°	32946.3	100.0

Coefficient of Utilization



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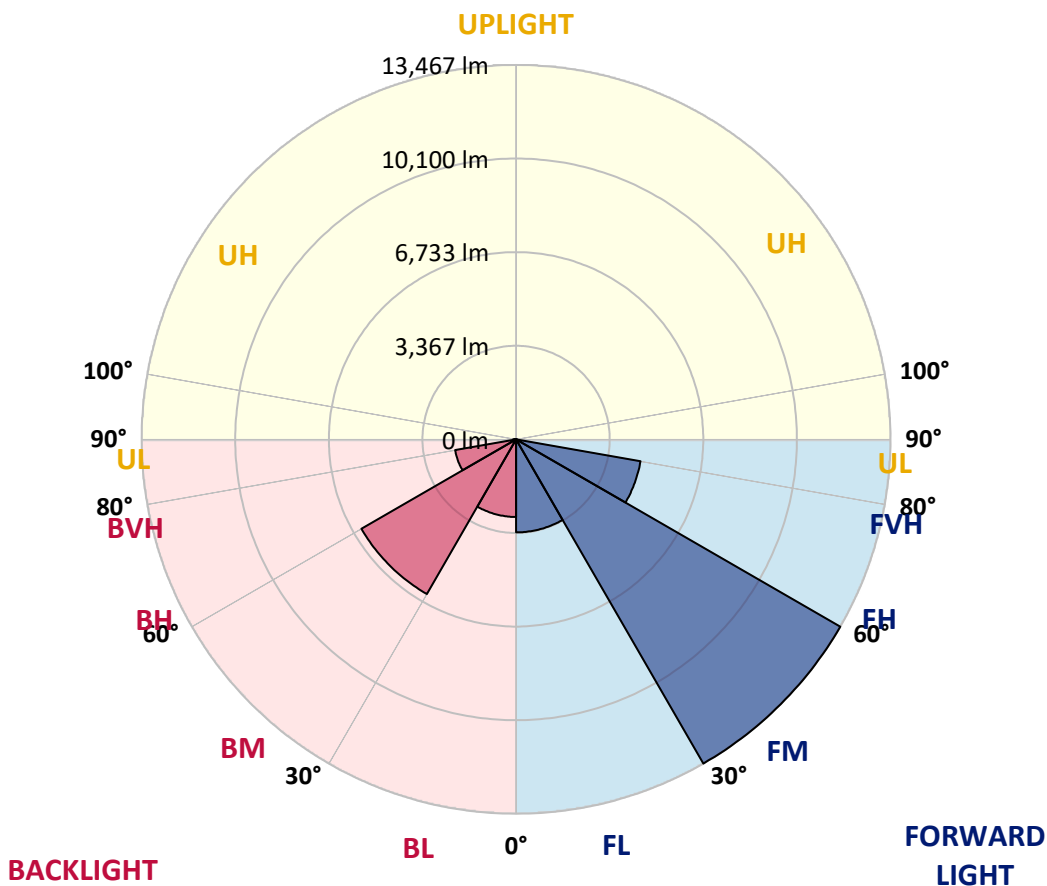
CATALOG NUMBER: GWS-SA5F-760-U-SLR-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3345.3	10.2			
FM (30°-60°)	13466.5	40.9			
FH (60°-80°)	4545.4	13.8			G2/5000
FVH (80°-90°)	40.2	0.1			G1/100
BL (0°-30°)	2791.3	8.5	B4/5000		
BM (30°-60°)	6424.3	19.5	B4/8500		
BH (60°-80°)	2225.6	6.8	B3/2500		G3/2500
BVH (80°-90°)	107.7	0.3			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1
2.5°	7079.1	7127.4	7157.6	7214.9	7317.6	7374.9	7438.3	7368.9	7387.0	7377.9	7266.2
5°	7498.7	7556.0	7634.5	7803.6	7993.8	8099.4	8199.0	8183.9	8090.4	7933.4	7821.7
7.5°	7891.1	7957.5	8093.4	8368.1	8648.8	8811.9	8932.6	8854.1	8775.6	8528.1	8247.3
10°	8199.0	8238.3	8422.4	8790.7	9116.8	9300.9	9448.8	9430.7	9322.0	9044.3	8667.0
12.5°	8488.8	8516.0	8715.3	9083.6	9376.4	9457.9	9578.6	9617.9	9581.7	9373.4	9002.0
15°	8799.8	8851.1	9035.2	9316.0	9448.8	9364.3	9406.6	9515.2	9617.9	9617.9	9276.8
17.5°	9089.6	9134.9	9322.0	9442.8	9316.0	9092.6	9104.7	9243.5	9488.1	9744.7	9527.3
20°	9346.2	9388.4	9572.6	9457.9	9056.4	8730.4	8721.3	8890.3	9285.8	9826.2	9796.0
22.5°	9626.9	9687.3	9841.3	9470.0	8814.9	8401.3	8398.3	8573.4	9107.7	9907.7	10103.9
25°	10025.4	10119.0	10197.5	9575.6	8685.1	8187.0	8226.2	8392.2	9050.3	10040.5	10559.7
27.5°	10617.1	10692.6	10686.5	9796.0	8679.0	8099.4	8180.9	8374.1	9153.0	10276.0	11039.7
30°	11257.1	11296.3	11232.9	10103.9	8817.9	8153.8	8274.5	8503.9	9412.6	10665.4	11746.1
32.5°	11966.5	12014.8	11894.0	10565.8	9140.9	8555.3	8820.9	8932.6	9777.9	11226.9	12494.8
35°	12781.6	12875.2	12624.6	11175.6	10091.8	10019.4	10405.8	10260.9	10553.7	11891.0	13294.8
37.5°	13638.9	13641.9	13282.7	12078.2	11957.4	12081.2	12854.0	12401.2	12198.9	12630.6	14109.8
40°	14366.4	14348.3	13795.9	13294.8	13581.6	14073.6	15006.4	14312.1	13780.8	13623.8	14786.1
42.5°	15094.0	15027.6	14469.1	14067.6	14701.5	15712.8	16766.4	15915.1	14795.1	14526.4	15453.2
45°	16023.8	16002.6	15329.4	14375.5	15712.8	17548.2	18945.9	17566.4	15395.8	15051.7	16564.1
47.5°	17524.1	17421.5	16168.7	14351.3	16660.7	19993.5	21759.5	19646.3	15815.5	15063.8	18357.3
50°	18991.2	18864.4	17170.9	14348.3	17638.8	22529.3	25080.1	22173.0	16244.1	15136.2	20180.6
52.5°	20473.5	20473.5	18816.1	14689.5	18665.2	25360.9	28917.0	25321.6	16974.7	16084.1	22423.6
55°	21354.9	21590.4	20666.7	15266.0	19866.7	28693.6	32711.6	28720.8	18103.7	17795.8	24494.5
57.5°	20235.0	20675.7	20542.9	14864.5	20576.1	31141.9	35929.7	31298.9	18662.2	17998.0	24183.6
60°	16488.7	17101.5	17406.4	12835.9	19875.7	31425.6	36602.9	31467.9	17509.0	15326.4	20715.0
62.5°	10961.2	11465.4	11930.3	9171.1	17207.1	28271.0	32373.5	28280.1	14623.0	11438.2	14351.3
65°	5376.5	5750.8	6251.9	5421.8	13442.7	23622.1	25240.1	22852.3	10577.9	6402.9	7320.6
67.5°	1406.8	1512.4	1581.8	2104.1	9630.0	16971.7	16461.5	16715.1	6795.3	2092.0	1913.9
70°	730.5	736.6	733.6	869.4	6508.5	10786.2	11344.6	10496.3	4742.5	875.5	754.7
72.5°	522.3	525.3	516.2	585.6	3142.6	6179.5	6402.9	6333.4	2484.5	519.2	516.2
75°	341.1	344.1	338.1	344.1	474.0	703.4	649.0	682.2	413.6	329.0	329.0
77.5°	202.3	205.3	202.3	208.3	202.3	202.3	187.2	187.2	178.1	178.1	181.1
80°	135.8	135.8	132.8	138.9	126.8	126.8	120.8	117.7	108.7	105.7	105.7
82.5°	81.5	84.5	81.5	81.5	75.5	75.5	69.4	66.4	57.4	57.4	54.3
85°	42.3	42.3	39.2	39.2	33.2	30.2	24.2	24.2	18.1	15.1	15.1
87.5°	6.0	6.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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°	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1
2.5°	7236.0	7175.7	7085.1	6997.6	6916.1	6831.5	6734.9	6635.3	6550.8	6463.2	6418.0
5°	7673.8	7550.0	7314.5	7106.2	6919.1	6765.1	6599.1	6457.2	6324.4	6215.7	6161.4
7.5°	8069.2	7876.0	7519.8	7190.8	6937.2	6725.9	6496.4	6285.1	6107.0	5974.2	5922.9
10°	8434.5	8205.1	7737.2	7320.6	7024.7	6789.3	6508.5	6221.7	5986.3	5811.2	5768.9
12.5°	8730.4	8467.7	7909.2	7426.2	7076.1	6822.5	6574.9	6327.4	6094.9	5868.5	5832.3
15°	8993.0	8682.1	8039.0	7492.6	7057.9	6734.9	6526.6	6496.4	6496.4	6239.8	6167.4
17.5°	9219.4	8878.3	8144.7	7522.8	6943.2	6475.3	6348.5	6611.2	6907.0	6722.9	6559.8
20°	9479.0	9065.4	8232.3	7522.8	6731.9	6146.3	6134.2	6581.0	7018.7	7021.7	6849.6
22.5°	9741.6	9282.8	8334.9	7495.7	6442.1	5765.9	5989.3	6460.2	6849.6	7015.7	6897.9
25°	10167.3	9584.7	8497.9	7474.5	6104.0	5506.3	5859.5	6300.2	6629.3	6804.4	6728.9
27.5°	10707.7	9983.2	8745.4	7507.7	5768.9	5352.3	5720.6	6091.9	6390.8	6544.7	6490.4
30°	11311.4	10442.0	9011.1	7565.1	5527.4	5273.8	5554.6	5853.4	6119.1	6273.1	6248.9
32.5°	12081.2	10940.1	9240.5	7486.6	5391.6	5234.6	5379.5	5593.8	5850.4	5947.0	5968.2
35°	13001.9	11489.5	9415.6	7178.7	5267.8	5192.3	5189.3	5322.1	5503.3	5657.2	5672.3
37.5°	13850.2	12132.5	9608.8	6650.4	5044.4	5086.7	4965.9	5044.4	5222.5	5376.5	5436.8
40°	14689.5	12784.6	9877.5	5977.2	4751.6	4851.2	4709.3	4763.7	4905.5	5107.8	5204.4
42.5°	15504.5	13373.3	10161.3	5288.9	4458.8	4522.2	4416.5	4470.8	4618.8	4872.3	4981.0
45°	16392.1	14170.2	10381.6	4639.9	4205.2	4178.0	4093.5	4172.0	4395.4	4673.1	4802.9
47.5°	18070.5	15426.0	10526.5	4208.2	4069.3	3873.1	3776.5	3945.6	4199.1	4479.9	4636.9
50°	20120.3	17243.4	10484.3	3933.5	3951.6	3559.2	3526.0	3749.3	4021.0	4313.9	4485.9
52.5°	21744.4	19027.5	10004.3	3670.9	3722.2	3359.9	3263.3	3589.3	3849.0	4147.8	4325.9
55°	22985.1	19628.2	8531.1	3359.9	3347.8	3215.0	3012.8	3423.3	3676.9	3954.6	4147.8
57.5°	21973.8	18290.9	6324.4	2931.2	2858.8	2928.2	2732.0	3142.6	3465.6	3740.3	3912.4
60°	18236.5	14583.8	3522.9	2596.2	2390.9	2559.9	2529.7	2846.7	3236.1	3526.0	3673.9
62.5°	12380.1	9711.5	2089.0	2052.8	1938.1	2179.6	2339.6	2547.9	2931.2	3166.7	3305.6
65°	6170.4	4718.4	1388.6	1536.6	1551.7	1793.2	2095.0	2324.5	2644.5	2886.0	3024.8
67.5°	1790.1	1467.1	1056.6	1174.3	1337.3	1530.5	1772.0	2043.7	2354.7	2641.4	2804.5
70°	772.8	781.9	839.2	978.1	1138.1	1337.3	1578.8	1844.5	2107.1	2327.5	2451.3
72.5°	546.4	567.5	630.9	772.8	923.8	1113.9	1355.4	1612.0	1802.2	2025.6	2155.4
75°	350.2	365.3	416.6	525.3	637.0	821.1	1050.5	1286.0	1482.2	1642.2	1766.0
77.5°	193.2	196.2	238.5	301.9	377.3	495.1	664.1	848.3	993.2	1083.7	1195.4
80°	111.7	111.7	132.8	172.1	217.4	289.8	383.4	474.0	561.5	618.9	673.2
82.5°	60.4	60.4	69.4	93.6	117.7	160.0	214.3	259.6	314.0	344.1	380.4
85°	18.1	18.1	24.2	33.2	42.3	60.4	84.5	108.7	132.8	154.0	175.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1
2.5°	6408.9	6366.6	6342.5	6312.3	6321.4	6294.2	6279.1	6288.1	6233.8	6288.1	6342.5
5°	6140.2	6079.9	6031.6	5992.3	5974.2	5938.0	5916.8	5916.8	5883.6	5938.0	6004.4
7.5°	5904.8	5856.5	5832.3	5808.2	5781.0	5747.8	5711.6	5699.5	5678.4	5735.7	5793.1
10°	5747.8	5753.8	5768.9	5802.1	5796.1	5775.0	5720.6	5690.4	5690.4	5756.8	5844.4
12.5°	5820.2	5883.6	5919.9	5980.2	5992.3	5974.2	5919.9	5895.7	5956.1	6055.7	6200.6
15°	6101.0	6143.2	6173.4	6221.7	6218.7	6203.6	6161.4	6179.5	6378.7	6571.9	6701.7
17.5°	6405.9	6357.6	6351.5	6381.7	6390.8	6372.7	6348.5	6430.0	6759.1	6940.2	7006.6
20°	6626.3	6460.2	6424.0	6436.1	6460.2	6451.2	6451.2	6584.0	6925.1	7009.6	6925.1
22.5°	6692.7	6457.2	6402.9	6405.9	6439.1	6442.1	6457.2	6596.1	6795.3	6798.3	6668.5
25°	6587.0	6360.6	6321.4	6327.4	6366.6	6363.6	6369.7	6448.1	6535.7	6499.5	6402.9
27.5°	6387.8	6191.5	6179.5	6212.7	6264.0	6236.8	6218.7	6239.8	6282.1	6236.8	6152.3
30°	6161.4	5995.3	6001.4	6064.8	6119.1	6073.8	6028.5	6040.6	6043.6	5995.3	5898.7
32.5°	5922.9	5799.1	5820.2	5886.6	5950.0	5901.7	5853.4	5847.4	5790.0	5732.7	5639.1
35°	5684.4	5636.1	5663.3	5717.6	5771.9	5732.7	5702.5	5684.4	5560.6	5476.1	5397.6
37.5°	5467.0	5503.3	5551.6	5584.8	5602.9	5599.9	5581.7	5539.5	5376.5	5276.9	5174.2
40°	5273.8	5385.5	5436.8	5451.9	5479.1	5473.1	5470.1	5409.7	5195.3	5089.7	4972.0
42.5°	5098.7	5255.7	5343.3	5358.4	5373.5	5376.5	5367.4	5279.9	5035.3	4911.6	4799.9
45°	4929.7	5135.0	5246.7	5231.6	5252.7	5252.7	5261.8	5147.0	4878.4	4751.6	4633.8
47.5°	4781.8	5023.3	5125.9	5107.8	5119.9	5128.9	5138.0	5005.2	4706.3	4585.5	4464.8
50°	4645.9	4902.5	4990.1	4996.1	4996.1	5017.2	5014.2	4884.4	4561.4	4431.6	4310.8
52.5°	4501.0	4778.8	4872.3	4911.6	4923.7	4932.7	4890.4	4739.5	4413.5	4256.5	4144.8
55°	4332.0	4652.0	4736.5	4787.8	4812.0	4805.9	4748.6	4594.6	4262.5	4105.6	3978.8
57.5°	4075.4	4380.3	4501.0	4525.2	4564.4	4540.3	4473.9	4344.0	4021.0	3864.1	3734.2
60°	3794.6	4015.0	4111.6	4132.7	4102.5	4111.6	4102.5	3978.8	3698.0	3574.3	3441.4
62.5°	3426.3	3622.6	3725.2	3752.4	3701.0	3734.2	3722.2	3568.2	3287.5	3157.7	3039.9
65°	3148.6	3362.9	3483.7	3498.8	3483.7	3498.8	3456.5	3269.4	3003.7	2870.9	2750.1
67.5°	2931.2	3151.6	3278.4	3320.7	3305.6	3302.6	3236.1	3018.8	2744.1	2599.2	2445.2
70°	2556.9	2750.1	2913.1	3015.8	3015.8	2958.4	2831.6	2629.4	2409.0	2285.2	2164.5
72.5°	2264.1	2508.6	2668.6	2774.3	2795.4	2762.2	2584.1	2369.8	2116.2	1992.4	1865.6
75°	1865.6	2104.1	2276.2	2415.0	2442.2	2406.0	2200.7	1989.4	1753.9	1633.2	1506.4
77.5°	1246.8	1388.6	1527.5	1654.3	1627.1	1651.3	1512.4	1352.4	1207.5	1117.0	1059.6
80°	703.4	797.0	839.2	908.7	908.7	908.7	818.1	742.6	661.1	609.8	552.4
82.5°	398.5	458.9	477.0	534.3	549.4	552.4	492.1	443.8	392.4	365.3	326.0
85°	184.1	217.4	220.4	253.6	265.7	289.8	262.6	229.4	199.2	187.2	163.0
87.5°	6.0	18.1	24.2	45.3	60.4	69.4	75.5	75.5	63.4	57.4	48.3
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1	6768.1
2.5°	6408.9	6481.4	6565.9	6626.3	6734.9	6825.5	6919.1	7021.7	7097.2	7079.1
5°	6085.9	6206.6	6360.6	6502.5	6704.7	6910.0	7136.4	7368.9	7504.7	7498.7
7.5°	5904.8	6076.8	6264.0	6454.2	6692.7	6988.5	7335.7	7697.9	7882.1	7891.1
10°	6001.4	6185.5	6312.3	6472.3	6722.9	7094.2	7510.8	7945.5	8156.8	8199.0
12.5°	6306.3	6291.2	6282.1	6396.8	6698.7	7169.6	7679.8	8199.0	8437.5	8488.8
15°	6596.1	6285.1	6098.0	6176.5	6590.0	7217.9	7845.8	8476.8	8745.4	8799.8
17.5°	6650.4	6179.5	5832.3	5886.6	6418.0	7233.0	8005.8	8748.5	9038.3	9089.6
20°	6499.5	6043.6	5639.1	5563.6	6200.6	7193.8	8105.5	8974.9	9291.8	9346.2
22.5°	6309.3	5922.9	5494.2	5298.0	5934.9	7154.5	8217.2	9213.4	9578.6	9626.9
25°	6110.0	5768.9	5358.4	5059.5	5633.1	7130.4	8404.3	9527.3	9968.1	10025.4
27.5°	5898.7	5581.7	5240.6	4944.8	5355.3	7160.6	8670.0	10034.5	10535.6	10617.1
30°	5672.3	5394.6	5165.2	4905.5	5165.2	7187.7	8962.8	10553.7	11142.4	11257.1
32.5°	5436.8	5222.5	5086.7	4923.7	5047.4	7124.4	9219.4	11136.3	11866.9	11966.5
35°	5201.4	5047.4	4987.0	4956.9	4890.4	6891.9	9427.7	11725.0	12694.0	12781.6
37.5°	4981.0	4866.3	4848.2	4881.4	4648.9	6511.5	9669.2	12473.7	13506.1	13638.9
40°	4775.7	4670.1	4667.1	4661.0	4383.3	5992.3	9995.2	13234.4	14306.1	14366.4
42.5°	4585.5	4452.7	4476.9	4404.4	4165.9	5430.8	10303.1	13883.4	15051.7	15094.0
45°	4416.5	4241.4	4268.6	4178.0	4063.3	4842.1	10574.8	14650.2	15996.6	16023.8
47.5°	4253.5	4066.3	3990.8	3984.8	4045.2	4298.8	10840.5	16126.4	17475.8	17524.1
50°	4102.5	3900.3	3685.9	3818.8	3933.5	3891.2	11172.6	17708.2	19003.3	18991.2
52.5°	3957.6	3692.0	3387.1	3643.7	3643.7	3589.3	11079.0	18668.2	20265.2	20473.5
55°	3791.6	3356.9	3076.2	3350.9	3218.0	3317.7	9421.7	18982.2	21059.1	21354.9
57.5°	3462.6	2943.3	2698.8	2846.7	2647.5	3076.2	6768.1	17424.5	19709.7	20235.0
60°	3145.6	2638.4	2478.4	2451.3	2191.6	2508.6	4386.3	13641.9	16223.0	16488.7
62.5°	2774.3	2375.8	2239.9	2031.6	1763.0	1826.4	2656.5	8977.9	10900.9	10961.2
65°	2493.5	2152.4	1892.8	1645.2	1443.0	1325.3	1569.8	4329.0	5448.9	5376.5
67.5°	2140.3	1844.5	1596.9	1418.8	1252.8	1104.9	1044.5	1286.0	1455.1	1406.8
70°	1904.9	1621.1	1382.6	1213.6	1059.6	911.7	806.0	757.7	742.6	730.5
72.5°	1642.2	1394.7	1147.1	984.1	839.2	703.4	606.8	549.4	534.3	522.3
75°	1310.2	1077.7	851.3	697.3	570.6	474.0	410.6	362.3	353.2	341.1
77.5°	866.4	691.3	507.2	413.6	338.1	286.8	244.5	214.3	208.3	202.3
80°	477.0	398.5	310.9	250.6	202.3	175.1	160.0	141.9	138.9	135.8
82.5°	283.8	238.5	178.1	141.9	117.7	105.7	96.6	87.5	84.5	81.5
85°	141.9	111.7	78.5	66.4	60.4	54.3	54.3	45.3	42.3	42.3
87.5°	36.2	30.2	18.1	15.1	15.1	15.1	12.1	9.1	9.1	6.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)