

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: P638759

Luminaire Tested: GWS-SA4F-740-U-SLR-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P638759
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-SA4F-740-U-SLR-W-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (4) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26620.6 lumens
Efficiency: N/A
Efficacy: 118.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B4 - U0 - G3

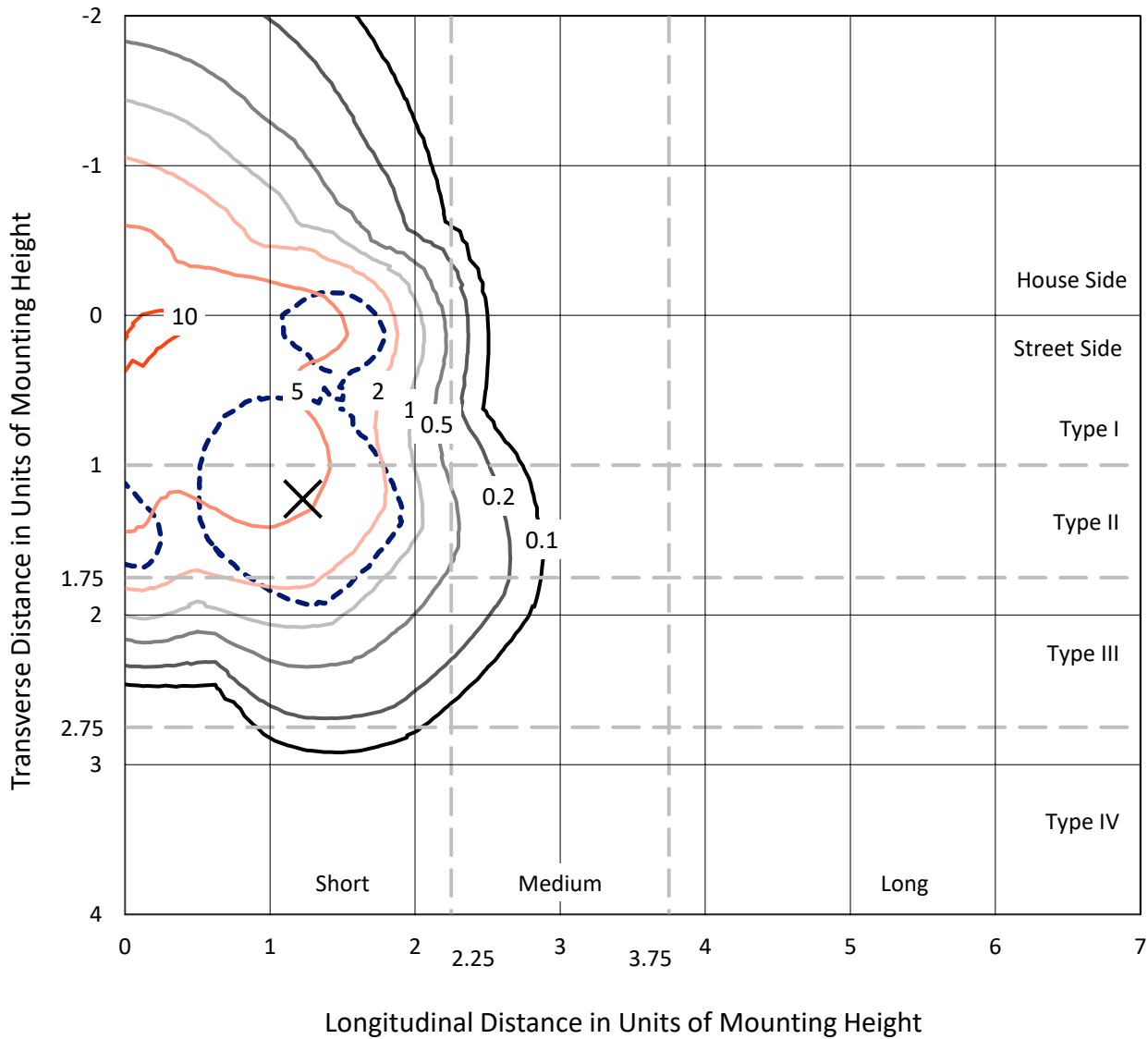
Input Watts (W): 225.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

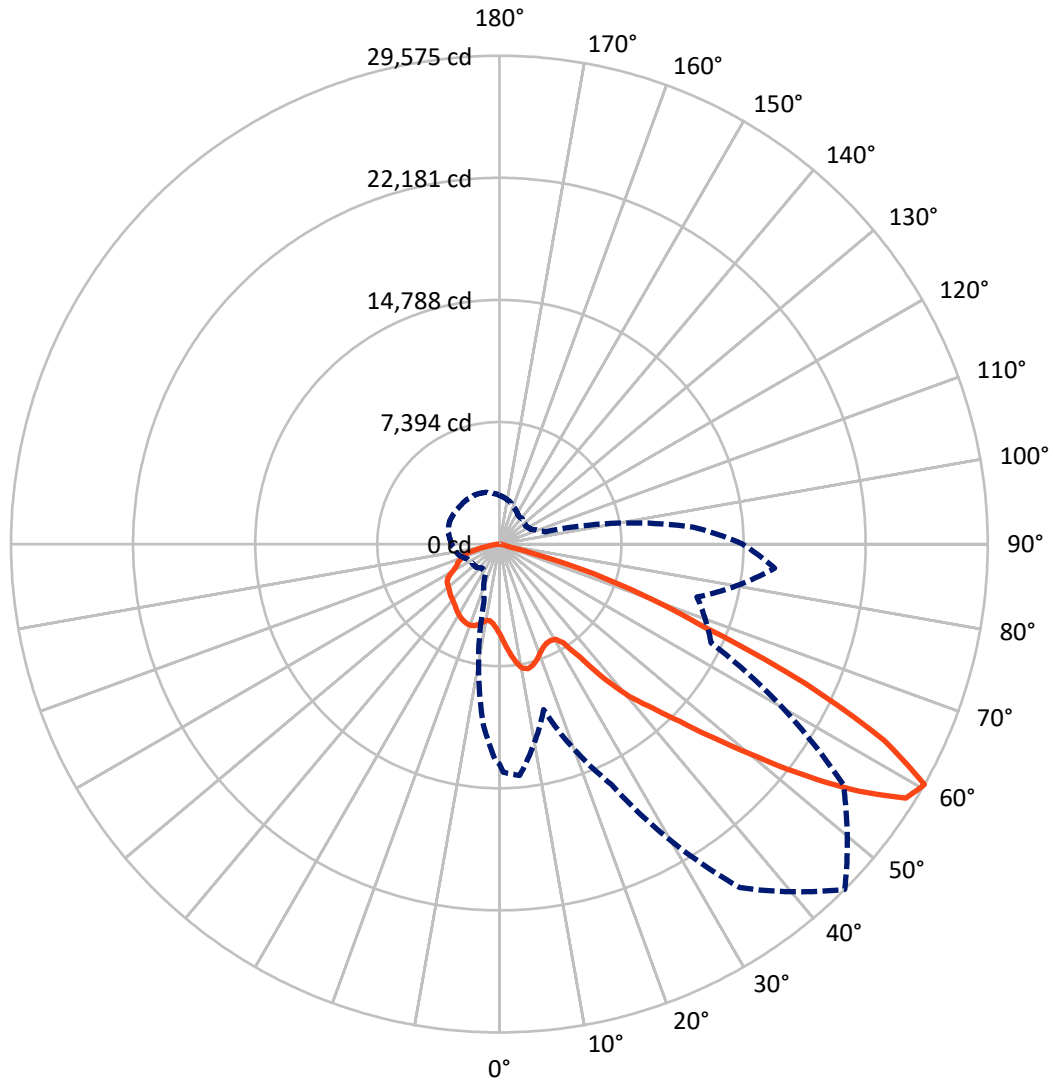
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.7 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	9331.5	0.0	9331.5
	% Fixture	35.1	0.0	35.1
Street Side	Lumens	17289.1	0.0	17289.1
	% Fixture	64.9	0.0	64.9
Total	Lumens	26620.6	0.0	26620.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	533.6	2.0
10°-20°	1686.0	6.3
20°-30°	2738.8	10.3
30°-40°	3862.5	14.5
40°-50°	5337.9	20.1
50°-60°	6871.4	25.8
60°-70°	4353.8	16.4
70°-80°	1117.2	4.2
80°-90°	119.5	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°	26620.6	100.0
0°-180°	26620.6	100.0

Coefficient of Utilization



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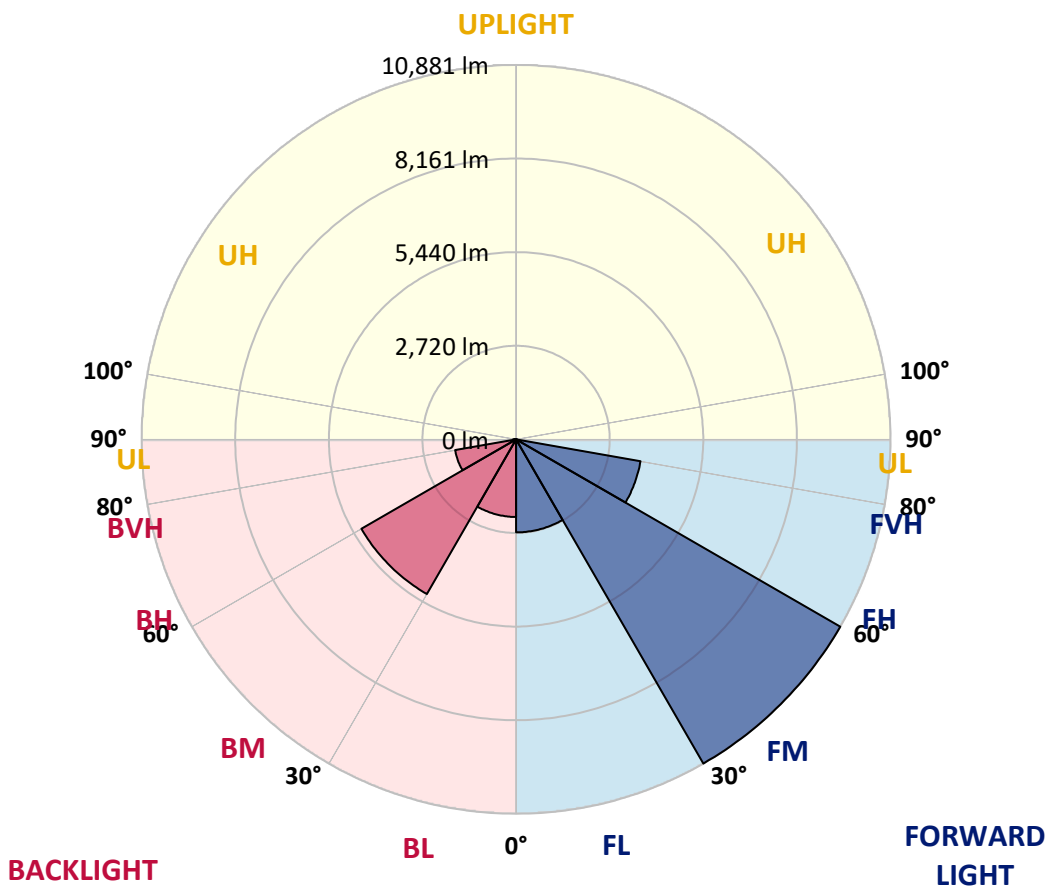
CATALOG NUMBER: GWS-SA4F-740-U-SLR-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2703.0	10.2			
FM (30°-60°)	10881.0	40.9			
FH (60°-80°)	3672.7	13.8			G2/5000
FVH (80°-90°)	32.4	0.1			G1/100
BL (0°-30°)	2255.4	8.5	B3/2500		
BM (30°-60°)	5190.8	19.5	B4/8500		
BH (60°-80°)	1798.3	6.8	B3/2500		G3/2500
BVH (80°-90°)	87.0	0.3			G1/100
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°	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7
2.5°	5719.9	5758.9	5783.3	5829.7	5912.6	5958.9	6010.2	5954.0	5968.7	5961.4	5871.1
5°	6058.9	6105.3	6168.7	6305.3	6459.0	6544.3	6624.8	6612.6	6537.0	6410.2	6319.9
7.5°	6376.0	6429.7	6539.5	6761.4	6988.3	7120.0	7217.5	7154.1	7090.7	6890.7	6663.9
10°	6624.8	6656.5	6805.3	7102.9	7366.3	7515.1	7634.6	7620.0	7532.2	7307.8	7002.9
12.5°	6859.0	6880.9	7041.9	7339.5	7576.1	7642.0	7739.5	7771.2	7742.0	7573.7	7273.6
15°	7110.2	7151.7	7300.5	7527.3	7634.6	7566.4	7600.5	7688.3	7771.2	7771.2	7495.6
17.5°	7344.4	7381.0	7532.2	7629.8	7527.3	7346.8	7356.6	7468.8	7666.4	7873.7	7698.1
20°	7551.7	7585.9	7734.7	7642.0	7317.6	7054.1	7046.8	7183.4	7502.9	7939.5	7915.2
22.5°	7778.6	7827.3	7951.7	7651.7	7122.4	6788.3	6785.8	6927.3	7359.0	8005.4	8164.0
25°	8100.5	8176.1	8239.6	7737.1	7017.5	6615.1	6646.8	6780.9	7312.7	8112.7	8532.3
27.5°	8578.6	8639.6	8634.7	7915.2	7012.7	6544.3	6610.2	6766.3	7395.6	8303.0	8920.1
30°	9095.7	9127.4	9076.2	8164.0	7124.9	6588.2	6685.8	6871.2	7605.4	8617.6	9490.9
32.5°	9668.9	9708.0	9610.4	8537.1	7385.9	6912.6	7127.3	7217.5	7900.5	9071.3	10095.8
35°	10327.5	10403.1	10200.7	9029.9	8154.2	8095.7	8407.9	8290.8	8527.4	9607.9	10742.2
37.5°	11020.2	11022.7	10732.4	9759.2	9661.6	9761.6	10386.0	10020.2	9856.7	10205.5	11400.7
40°	11608.1	11593.4	11147.1	10742.2	10973.9	11371.5	12125.2	11564.2	11134.9	11008.0	11947.1
42.5°	12195.9	12142.3	11691.0	11366.6	11878.8	12696.0	13547.2	12859.4	11954.4	11737.4	12486.2
45°	12947.2	12930.1	12386.2	11615.4	12696.0	14179.0	15308.3	14193.6	12439.8	12161.8	13383.8
47.5°	14159.5	14076.5	13064.3	11595.9	13461.9	16154.7	17581.6	15874.2	12778.9	12171.5	14832.7
50°	15344.9	15242.5	13874.1	11593.4	14252.2	18203.6	20264.7	17915.8	13125.3	12230.1	16305.9
52.5°	16542.5	16542.5	15203.4	11869.1	15081.5	20491.6	23364.9	20459.9	13715.5	12996.0	18118.3
55°	17254.8	17445.0	16698.7	12335.0	16052.3	23184.4	26431.0	23206.4	14627.8	14379.0	19791.5
57.5°	16349.9	16706.0	16598.7	12010.5	16625.5	25162.6	29031.2	25289.5	15079.0	14542.4	19540.3
60°	13322.8	13818.0	14064.3	10371.4	16059.6	25391.9	29575.1	25426.1	14147.3	12383.7	16737.7
62.5°	8856.7	9264.0	9639.7	7410.2	13903.4	22843.0	26157.8	22850.3	11815.4	9242.1	11595.9
65°	4344.2	4646.6	5051.6	4380.8	10861.7	19086.6	20394.0	18464.6	8546.9	5173.5	5915.0
67.5°	1136.7	1222.0	1278.1	1700.1	7781.0	13713.1	13300.9	13505.8	5490.6	1690.4	1546.4
70°	590.3	595.2	592.7	702.5	5258.9	8715.2	9166.5	8481.0	3832.0	707.4	609.8
72.5°	422.0	424.4	417.1	473.2	2539.2	4993.0	5173.5	5117.4	2007.4	419.5	417.1
75°	275.6	278.1	273.2	278.1	383.0	568.3	524.4	551.3	334.2	265.9	265.9
77.5°	163.4	165.9	163.4	168.3	163.4	163.4	151.2	151.2	143.9	143.9	146.4
80°	109.8	109.8	107.3	112.2	102.4	102.4	97.6	95.1	87.8	85.4	85.4
82.5°	65.9	68.3	65.9	65.9	61.0	61.0	56.1	53.7	46.3	46.3	43.9
85°	34.1	34.1	31.7	31.7	26.8	24.4	19.5	19.5	14.6	12.2	12.2
87.5°	4.9	4.9	2.4	2.4	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°	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7
2.5°	5846.7	5797.9	5724.8	5654.0	5588.2	5519.9	5441.8	5361.3	5293.0	5222.3	5185.7
5°	6200.4	6100.4	5910.1	5741.8	5590.6	5466.2	5332.1	5217.4	5110.1	5022.3	4978.4
7.5°	6519.9	6363.8	6076.0	5810.1	5605.2	5434.5	5249.1	5078.4	4934.5	4827.1	4785.7
10°	6815.1	6629.7	6251.6	5915.0	5676.0	5485.7	5258.9	5027.2	4836.9	4695.4	4661.3
12.5°	7054.1	6841.9	6390.7	6000.4	5717.4	5512.6	5312.5	5112.5	4924.7	4741.8	4712.5
15°	7266.3	7015.1	6495.5	6054.1	5702.8	5441.8	5273.5	5249.1	5249.1	5041.8	4983.3
17.5°	7449.3	7173.6	6580.9	6078.4	5610.1	5232.1	5129.6	5341.8	5580.9	5432.1	5300.3
20°	7659.0	7324.9	6651.7	6078.4	5439.4	4966.2	4956.4	5317.4	5671.1	5673.5	5534.5
22.5°	7871.2	7500.5	6734.6	6056.5	5205.2	4658.8	4839.3	5219.9	5534.5	5668.7	5573.5
25°	8215.2	7744.4	6866.3	6039.4	4932.0	4449.1	4734.5	5090.6	5356.4	5497.9	5436.9
27.5°	8651.8	8066.4	7066.3	6066.3	4661.3	4324.7	4622.3	4922.3	5163.8	5288.2	5244.2
30°	9139.6	8437.1	7281.0	6112.6	4466.1	4261.3	4488.1	4729.6	4944.2	5068.6	5049.1
32.5°	9761.6	8839.6	7466.3	6049.2	4356.4	4229.5	4346.6	4519.8	4727.1	4805.2	4822.3
35°	10505.6	9283.5	7607.8	5800.4	4256.4	4195.4	4193.0	4300.3	4446.6	4571.0	4583.2
37.5°	11191.0	9803.1	7763.9	5373.5	4075.9	4110.0	4012.5	4075.9	4219.8	4344.2	4393.0
40°	11869.1	10329.9	7981.0	4829.6	3839.3	3919.8	3805.1	3849.0	3963.7	4127.1	4205.2
42.5°	12527.7	10805.6	8210.3	4273.5	3602.7	3653.9	3568.5	3612.4	3732.0	3936.8	4024.7
45°	13244.8	11449.5	8388.4	3749.0	3397.8	3375.8	3307.5	3371.0	3551.5	3775.9	3880.7
47.5°	14601.0	12464.2	8505.4	3400.2	3288.0	3129.5	3051.4	3188.0	3392.9	3619.7	3746.6
50°	16257.2	13932.6	8471.3	3178.3	3192.9	2875.8	2849.0	3029.5	3249.0	3485.6	3624.6
52.5°	17569.4	15374.2	8083.5	2966.0	3007.5	2714.8	2636.8	2900.2	3110.0	3351.4	3495.4
55°	18572.0	15859.6	6893.1	2714.8	2705.1	2597.7	2434.3	2766.0	2970.9	3195.3	3351.4
57.5°	17754.8	14779.0	5110.1	2368.4	2309.9	2366.0	2207.5	2539.2	2800.2	3022.1	3161.2
60°	14735.1	11783.7	2846.5	2097.7	1931.8	2068.4	2044.0	2300.2	2614.8	2849.0	2968.5
62.5°	10003.1	7846.9	1687.9	1658.6	1566.0	1761.1	1890.4	2058.7	2368.4	2558.7	2670.9
65°	4985.7	3812.4	1122.0	1241.5	1253.7	1448.9	1692.8	1878.2	2136.7	2331.9	2444.1
67.5°	1446.4	1185.4	853.7	948.8	1080.6	1236.7	1431.8	1651.3	1902.6	2134.3	2266.0
70°	624.4	631.7	678.1	790.3	919.6	1080.6	1275.7	1490.3	1702.6	1880.6	1980.6
72.5°	441.5	458.6	509.8	624.4	746.4	900.1	1095.2	1302.5	1456.2	1636.7	1741.6
75°	282.9	295.1	336.6	424.4	514.7	663.5	848.8	1039.1	1197.6	1326.9	1426.9
77.5°	156.1	158.5	192.7	243.9	304.9	400.0	536.6	685.4	802.5	875.7	965.9
80°	90.2	90.2	107.3	139.0	175.6	234.2	309.8	383.0	453.7	500.0	543.9
82.5°	48.8	48.8	56.1	75.6	95.1	129.3	173.2	209.8	253.7	278.1	307.3
85°	14.6	14.6	19.5	26.8	34.1	48.8	68.3	87.8	107.3	124.4	141.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7
2.5°	5178.4	5144.2	5124.7	5100.3	5107.7	5085.7	5073.5	5080.8	5036.9	5080.8	5124.7
5°	4961.3	4912.5	4873.5	4841.8	4827.1	4797.9	4780.8	4780.8	4754.0	4797.9	4851.5
7.5°	4771.0	4732.0	4712.5	4693.0	4671.0	4644.2	4614.9	4605.2	4588.1	4634.5	4680.8
10°	4644.2	4649.1	4661.3	4688.1	4683.2	4666.2	4622.3	4597.9	4597.9	4651.5	4722.3
12.5°	4702.7	4754.0	4783.2	4832.0	4841.8	4827.1	4783.2	4763.7	4812.5	4893.0	5010.1
15°	4929.6	4963.7	4988.1	5027.2	5024.7	5012.5	4978.4	4993.0	5154.0	5310.1	5415.0
17.5°	5175.9	5136.9	5132.0	5156.4	5163.8	5149.1	5129.6	5195.5	5461.3	5607.7	5661.3
20°	5354.0	5219.9	5190.6	5200.3	5219.9	5212.5	5212.5	5319.9	5595.5	5663.8	5595.5
22.5°	5407.7	5217.4	5173.5	5175.9	5202.8	5205.2	5217.4	5329.6	5490.6	5493.0	5388.2
25°	5322.3	5139.4	5107.7	5112.5	5144.2	5141.8	5146.7	5210.1	5280.8	5251.6	5173.5
27.5°	5161.3	5002.8	4993.0	5019.8	5061.3	5039.4	5024.7	5041.8	5075.9	5039.4	4971.1
30°	4978.4	4844.2	4849.1	4900.3	4944.2	4907.6	4871.1	4880.8	4883.2	4844.2	4766.2
32.5°	4785.7	4685.7	4702.7	4756.4	4807.6	4768.6	4729.6	4724.7	4678.4	4632.0	4556.4
35°	4593.0	4554.0	4575.9	4619.8	4663.7	4632.0	4607.6	4593.0	4493.0	4424.7	4361.3
37.5°	4417.4	4446.6	4485.7	4512.5	4527.1	4524.7	4510.1	4475.9	4344.2	4263.7	4180.8
40°	4261.3	4351.5	4393.0	4405.2	4427.1	4422.2	4419.8	4371.0	4197.8	4112.5	4017.3
42.5°	4119.8	4246.6	4317.4	4329.6	4341.7	4344.2	4336.9	4266.1	4068.6	3968.6	3878.3
45°	3983.2	4149.1	4239.3	4227.1	4244.2	4244.2	4251.5	4158.8	3941.7	3839.3	3744.1
47.5°	3863.7	4058.8	4141.7	4127.1	4136.9	4144.2	4151.5	4044.2	3802.7	3705.1	3607.6
50°	3753.9	3961.2	4032.0	4036.9	4036.9	4053.9	4051.5	3946.6	3685.6	3580.7	3483.2
52.5°	3636.8	3861.2	3936.8	3968.6	3978.3	3985.6	3951.5	3829.5	3566.1	3439.3	3349.0
55°	3500.2	3758.8	3827.1	3868.5	3888.1	3883.2	3836.8	3712.4	3444.1	3317.3	3214.8
57.5°	3292.9	3539.3	3636.8	3656.3	3688.0	3668.5	3614.9	3510.0	3249.0	3122.2	3017.3
60°	3066.1	3244.1	3322.2	3339.2	3314.9	3322.2	3314.9	3214.8	2988.0	2888.0	2780.7
62.5°	2768.5	2927.0	3010.0	3031.9	2990.4	3017.3	3007.5	2883.1	2656.3	2551.4	2456.3
65°	2544.1	2717.3	2814.8	2827.0	2814.8	2827.0	2792.9	2641.6	2427.0	2319.7	2222.1
67.5°	2368.4	2546.5	2649.0	2683.1	2670.9	2668.5	2614.8	2439.2	2217.2	2100.1	1975.7
70°	2066.0	2222.1	2353.8	2436.7	2436.7	2390.4	2288.0	2124.5	1946.5	1846.5	1748.9
72.5°	1829.4	2027.0	2156.2	2241.6	2258.7	2231.9	2087.9	1914.8	1709.9	1609.9	1507.4
75°	1507.4	1700.1	1839.1	1951.3	1973.3	1944.0	1778.2	1607.4	1417.2	1319.6	1217.2
77.5°	1007.4	1122.0	1234.2	1336.7	1314.7	1334.2	1222.0	1092.8	975.7	902.5	856.2
80°	568.3	643.9	678.1	734.2	734.2	734.2	661.0	600.0	534.2	492.7	446.4
82.5°	322.0	370.8	385.4	431.7	443.9	446.4	397.6	358.6	317.1	295.1	263.4
85°	148.8	175.6	178.1	204.9	214.6	234.2	212.2	185.4	161.0	151.2	131.7
87.5°	4.9	14.6	19.5	36.6	48.8	56.1	61.0	61.0	51.2	46.3	39.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P638759

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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7	5468.7
2.5°	5178.4	5236.9	5305.2	5354.0	5441.8	5515.0	5590.6	5673.5	5734.5	5719.9
5°	4917.4	5015.0	5139.4	5254.0	5417.4	5583.3	5766.2	5954.0	6063.8	6058.9
7.5°	4771.0	4910.1	5061.3	5215.0	5407.7	5646.7	5927.2	6219.9	6368.7	6376.0
10°	4849.1	4997.9	5100.3	5229.6	5432.1	5732.1	6068.7	6419.9	6590.7	6624.8
12.5°	5095.5	5083.3	5075.9	5168.6	5412.6	5793.1	6205.3	6624.8	6817.5	6859.0
15°	5329.6	5078.4	4927.2	4990.6	5324.7	5832.1	6339.4	6849.2	7066.3	7110.2
17.5°	5373.5	4993.0	4712.5	4756.4	5185.7	5844.3	6468.7	7068.8	7302.9	7344.4
20°	5251.6	4883.2	4556.4	4495.4	5010.1	5812.6	6549.2	7251.7	7507.8	7551.7
22.5°	5097.9	4785.7	4439.3	4280.8	4795.4	5780.9	6639.5	7444.4	7739.5	7778.6
25°	4936.9	4661.3	4329.6	4088.1	4551.5	5761.4	6790.7	7698.1	8054.2	8100.5
27.5°	4766.2	4510.1	4234.4	3995.4	4327.1	5785.7	7005.3	8107.8	8512.8	8578.6
30°	4583.2	4358.8	4173.4	3963.7	4173.4	5807.7	7241.9	8527.4	9003.0	9095.7
32.5°	4393.0	4219.8	4110.0	3978.3	4078.3	5756.5	7449.3	8998.2	9588.4	9668.9
35°	4202.7	4078.3	4029.5	4005.1	3951.5	5568.7	7617.6	9473.8	10256.8	10327.5
37.5°	4024.7	3932.0	3917.3	3944.2	3756.3	5261.3	7812.7	10078.7	10912.9	11020.2
40°	3858.8	3773.4	3771.0	3766.1	3541.7	4841.8	8076.1	10693.4	11559.3	11608.1
42.5°	3705.1	3597.8	3617.3	3558.8	3366.1	4388.1	8324.9	11217.8	12161.8	12195.9
45°	3568.5	3427.1	3449.0	3375.8	3283.1	3912.5	8544.5	11837.4	12925.2	12947.2
47.5°	3436.8	3285.6	3224.6	3219.7	3268.5	3473.4	8759.1	13030.1	14120.4	14159.5
50°	3314.9	3151.4	2978.2	3085.6	3178.3	3144.1	9027.4	14308.3	15354.7	15344.9
52.5°	3197.8	2983.1	2736.8	2944.1	2944.1	2900.2	8951.8	15083.9	16374.2	16542.5
55°	3063.6	2712.4	2485.5	2707.5	2600.2	2680.7	7612.7	15337.6	17015.8	17254.8
57.5°	2797.7	2378.2	2180.6	2300.2	2139.2	2485.5	5468.7	14079.0	15925.4	16349.9
60°	2541.6	2131.8	2002.6	1980.6	1770.8	2027.0	3544.1	11022.7	13108.2	13322.8
62.5°	2241.6	1919.6	1809.9	1641.6	1424.5	1475.7	2146.5	7254.1	8807.9	8856.7
65°	2014.8	1739.1	1529.4	1329.4	1165.9	1070.8	1268.4	3497.8	4402.7	4344.2
67.5°	1729.4	1490.3	1290.3	1146.4	1012.3	892.7	844.0	1039.1	1175.7	1136.7
70°	1539.1	1309.8	1117.1	980.6	856.2	736.6	651.3	612.2	600.0	590.3
72.5°	1326.9	1126.9	926.9	795.2	678.1	568.3	490.3	443.9	431.7	422.0
75°	1058.6	870.8	687.9	563.5	461.0	383.0	331.7	292.7	285.4	275.6
77.5°	700.0	558.6	409.8	334.2	273.2	231.7	197.6	173.2	168.3	163.4
80°	385.4	322.0	251.2	202.5	163.4	141.5	129.3	114.6	112.2	109.8
82.5°	229.3	192.7	143.9	114.6	95.1	85.4	78.1	70.7	68.3	65.9
85°	114.6	90.2	63.4	53.7	48.8	43.9	43.9	36.6	34.1	34.1
87.5°	29.3	24.4	14.6	12.2	12.2	12.2	9.8	7.3	7.3	4.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)