

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P386391

Luminaire Tested: **GWC-SA2A-735-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P386391
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GWC-SA2A-735-U-SLL
Description: GALLEON WALL LUMINAIRE
(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8029 lumens
Efficiency: N/A
Efficacy: 121.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G3

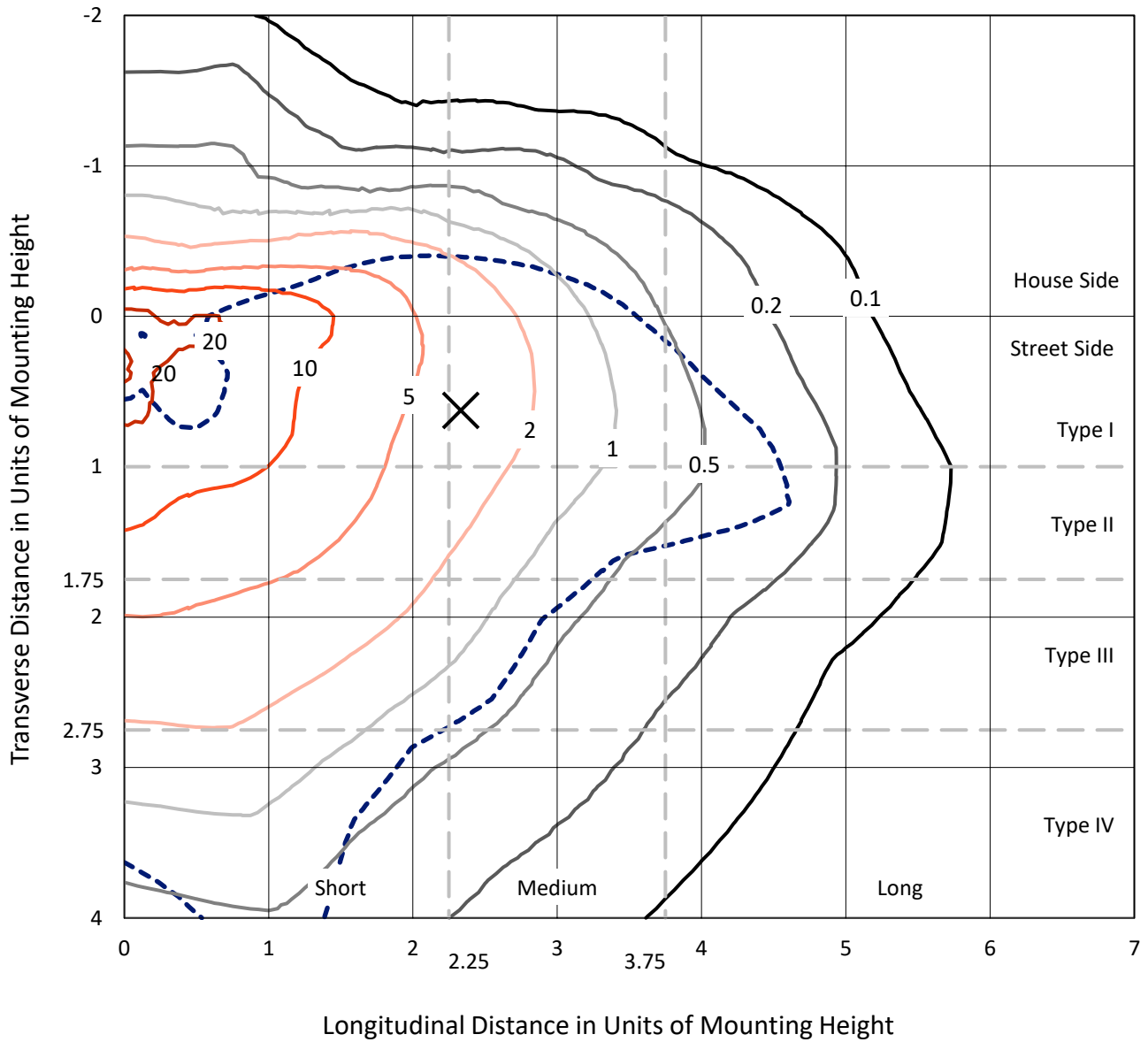
Input Watts (W): 66
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

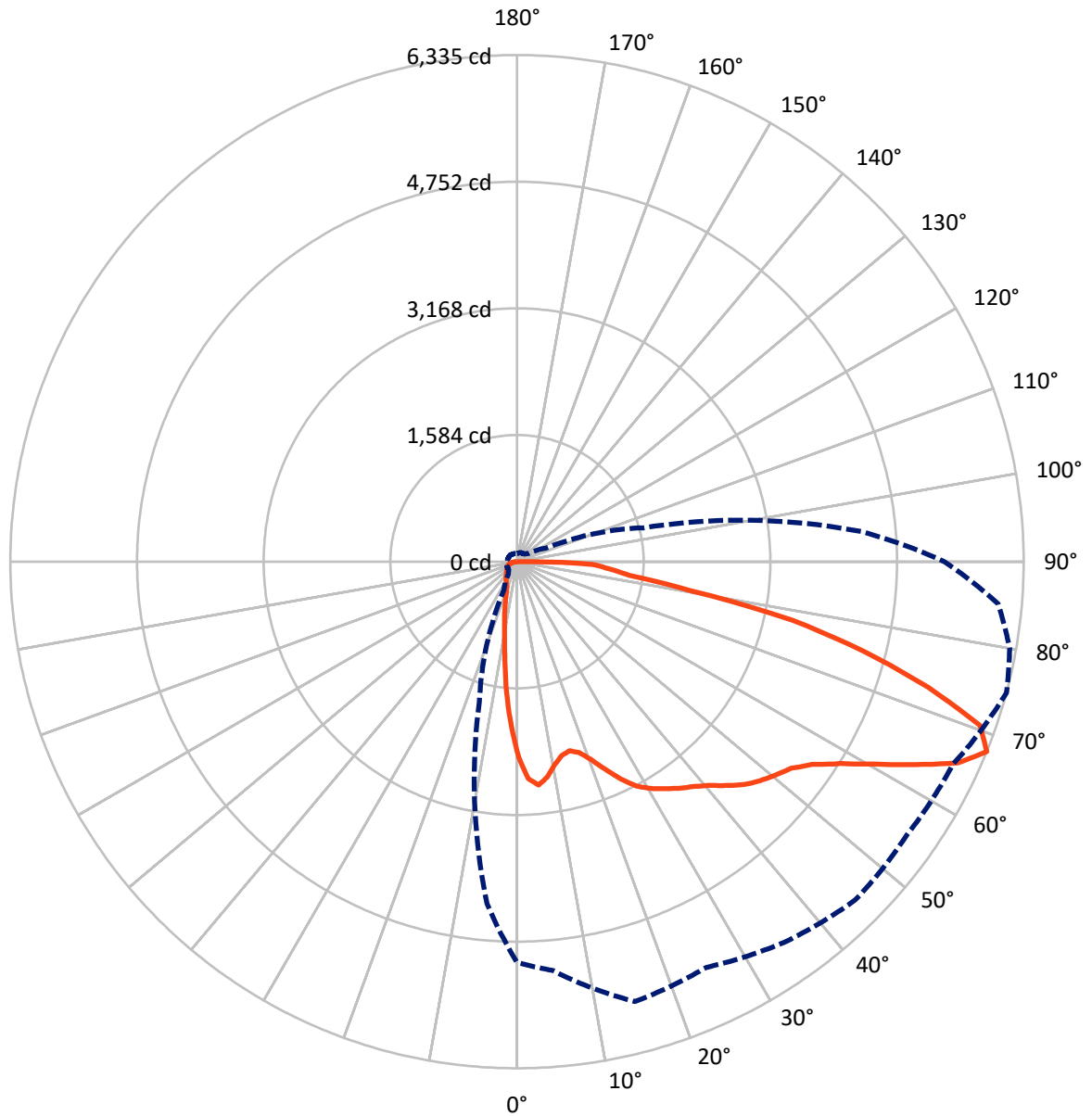
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 30.8 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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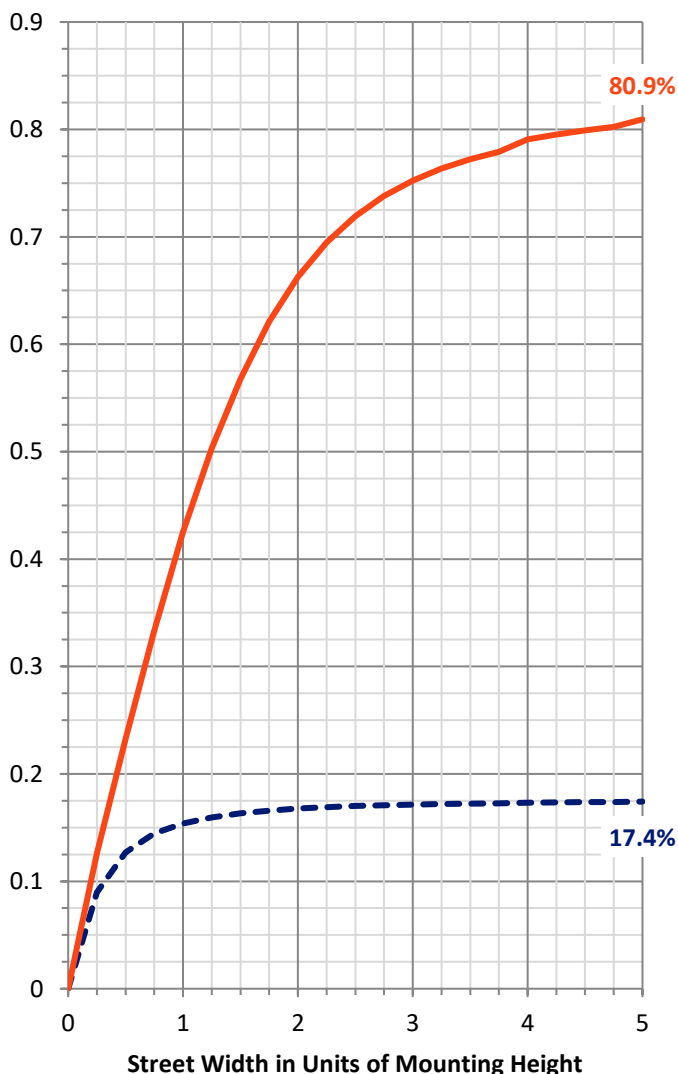
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1414.1	0.0	1414.1
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	6614.9	0.0	6614.9
	% Fixture	82.4	0.0	82.4
Total	Lumens	8029.0	0.0	8029.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.8	2.4
10°-20°	392.2	4.9
20°-30°	557.8	6.9
30°-40°	803.7	10.0
40°-50°	1132.7	14.1
50°-60°	1574.6	19.6
60°-70°	1904.2	23.7
70°-80°	1170.5	14.6
80°-90°	304.6	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°-90°	8029.0	100.0
0°-180°	8029.0	100.0

Coefficient of Utilization



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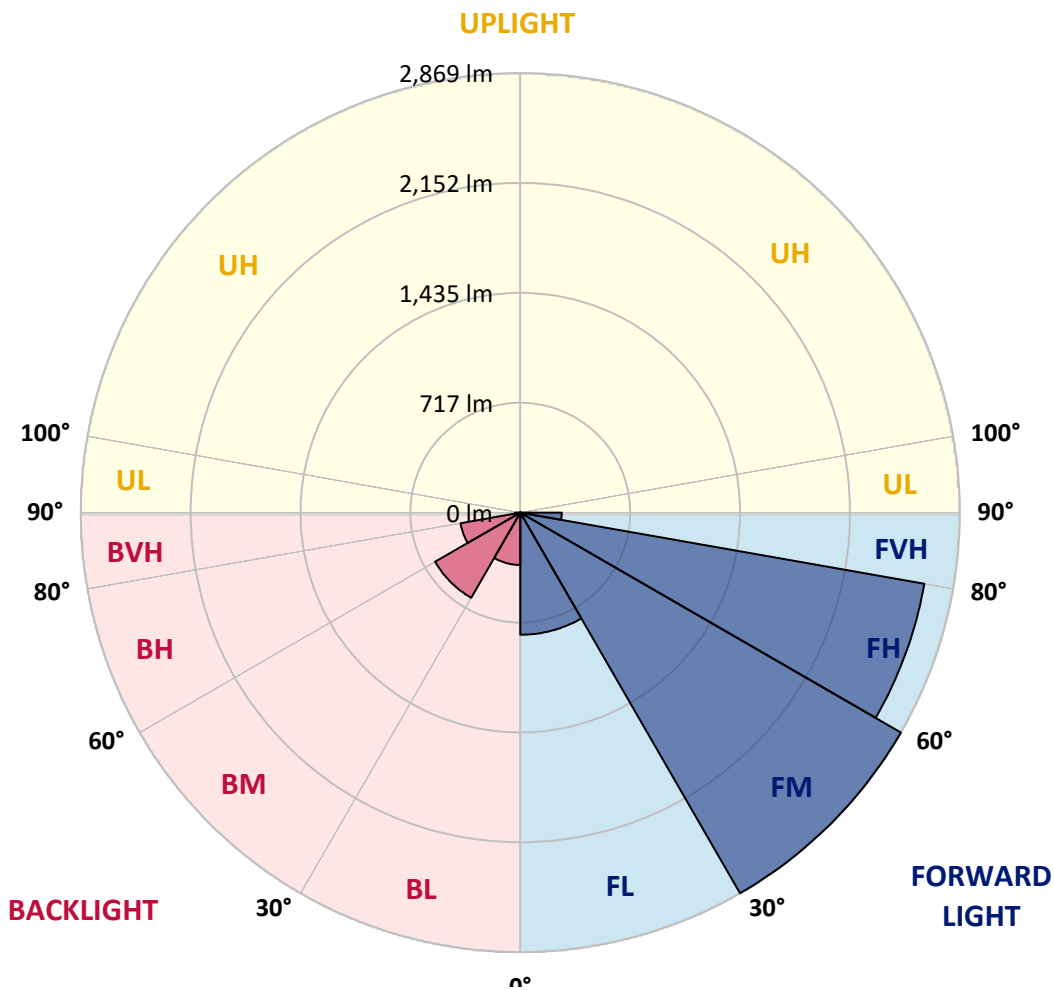
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	797.2	9.9			
FM (30°-60°)	2869.1	35.7			
FH (60°-80°)	2678.2	33.4			G2/5000
FVH (80°-90°)	270.4	3.4			G3/500
BL (0°-30°)	341.5	4.3	B1/500		
BM (30°-60°)	641.9	8.0	B1/1000		
BH (60°-80°)	396.5	4.9	B1/500		G1/500
BVH (80°-90°)	34.2	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3

Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1
2.5°	2607.2	2641.6	2665.3	2688.7	2707.1	2725.0	2751.4	2777.7	2782.8	2787.7	2777.3
5°	2591.8	2675.6	2746.9	2817.8	2883.6	2949.4	2988.9	3028.4	3036.4	3044.4	3019.7
7.5°	2425.9	2549.4	2673.0	2796.6	2910.0	3023.3	3092.3	3161.0	3176.7	3192.1	3151.7
10°	2237.1	2380.9	2532.7	2684.6	2833.9	2983.1	3083.0	3182.8	3202.7	3222.6	3172.1
12.5°	2093.6	2250.6	2412.6	2574.8	2732.4	2889.7	2993.1	3096.4	3121.1	3145.8	3109.3
15°	2038.4	2210.5	2363.0	2515.4	2652.8	2789.9	2874.6	2959.0	2969.3	2979.3	2973.5
17.5°	2093.6	2283.3	2421.4	2559.1	2633.9	2708.4	2742.4	2776.1	2787.3	2798.2	2813.0
20°	2255.1	2459.9	2557.1	2654.1	2650.9	2647.3	2631.0	2614.2	2611.4	2608.5	2650.2
22.5°	2485.5	2723.4	2762.3	2800.8	2710.6	2620.3	2565.5	2510.2	2499.4	2488.1	2532.4
25°	2756.2	3009.4	3002.4	2995.0	2823.3	2651.2	2546.5	2441.9	2429.7	2417.5	2455.4
27.5°	3050.5	3292.6	3246.4	3200.1	2966.7	2733.4	2581.5	2429.7	2417.5	2405.3	2438.7
30°	3280.6	3500.3	3426.1	3351.9	3087.8	2823.5	2643.2	2462.8	2442.9	2422.6	2463.7
32.5°	3475.6	3662.3	3562.8	3463.4	3186.0	2908.6	2713.4	2518.3	2487.1	2456.0	2510.9
35°	3678.4	3824.2	3684.2	3544.0	3273.6	3003.1	2796.6	2589.9	2551.7	2513.4	2588.9
37.5°	3906.7	4027.7	3826.7	3625.5	3372.1	3118.9	2921.1	2723.1	2683.9	2644.8	2741.1
40°	4147.7	4248.5	3980.5	3712.5	3480.1	3247.7	3093.5	2939.2	2901.9	2864.3	2981.2
42.5°	4358.6	4432.2	4123.7	3815.2	3610.0	3404.6	3296.1	3187.3	3187.0	3186.3	3304.8
45°	4517.5	4581.4	4243.1	3904.4	3736.8	3568.9	3512.5	3455.9	3501.2	3546.5	3653.7
47.5°	4649.4	4692.8	4343.2	3993.4	3882.0	3770.5	3778.9	3787.3	3879.4	3971.5	4040.5
50°	4800.3	4765.4	4434.0	4102.4	4068.1	4033.8	4108.9	4183.7	4289.6	4395.2	4442.1
52.5°	4963.8	4870.9	4557.4	4243.4	4281.9	4320.5	4473.2	4626.0	4732.9	4839.9	4857.5
55°	5257.4	5115.3	4784.0	4452.4	4526.6	4600.3	4824.7	5048.8	5132.3	5215.7	5222.2
57.5°	5588.5	5462.3	5101.5	4740.7	4820.2	4899.9	5158.9	5417.7	5507.9	5597.8	5585.2
60°	5715.8	5721.9	5402.8	5083.4	5163.8	5244.0	5496.3	5748.6	5852.2	5955.7	5928.0
62.5°	5587.4	5738.0	5567.5	5396.7	5469.6	5542.1	5789.4	6036.5	6142.8	6249.0	6200.8
65°	5333.5	5482.8	5559.2	5635.6	5659.7	5683.7	5914.5	6145.0	6226.6	6307.7	6283.4
67.5°	5010.6	5131.3	5413.2	5694.7	5646.2	5597.8	5705.9	5814.1	5897.9	5981.7	5967.9
70°	4636.7	4780.4	5156.3	5532.3	5294.0	5055.5	5010.9	4966.3	5056.9	5147.0	5091.1
72.5°	3966.0	4183.0	4584.0	4984.6	4545.8	4106.9	3954.5	3802.0	3916.6	4031.2	3942.3
75°	2995.6	3283.6	3726.6	4169.2	3645.7	3122.1	2918.6	2715.0	2813.6	2912.2	2851.2
77.5°	2083.3	2444.5	2880.7	3317.0	2784.7	2252.2	2101.0	1949.4	1979.0	2008.2	1997.9
80°	1420.5	1658.0	1962.3	2266.3	1911.9	1557.5	1569.4	1581.0	1567.2	1553.0	1573.6
82.5°	890.8	1058.0	1293.0	1527.6	1339.6	1151.4	1259.4	1367.2	1314.2	1260.9	1280.9
85°	501.7	603.8	833.6	1063.2	991.0	918.4	981.7	1044.5	962.4	880.2	916.5
87.5°	95.6	159.2	461.2	763.1	692.7	622.4	540.9	459.4	350.6	241.7	353.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	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):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1
2.5°	2767.1	2761.6	2756.2	2736.5	2716.7	2687.1	2662.7	2620.3	2597.2	2562.3	2527.3
5°	2994.7	2960.0	2925.4	2865.6	2805.6	2738.8	2662.1	2577.0	2512.9	2429.4	2345.9
7.5°	3111.2	3030.3	2949.1	2834.5	2719.5	2616.2	2494.8	2381.8	2285.5	2177.0	2068.5
10°	3121.8	3000.4	2878.8	2729.9	2580.6	2455.1	2315.4	2189.9	2074.4	1949.8	1825.0
12.5°	3072.4	2943.3	2814.0	2649.9	2485.5	2343.0	2192.8	2052.2	1924.2	1787.0	1649.7
15°	2967.7	2864.7	2761.3	2607.6	2453.8	2310.0	2164.3	1997.6	1852.9	1712.6	1572.0
17.5°	2827.4	2778.6	2729.5	2618.5	2507.1	2382.5	2241.3	2045.8	1876.3	1723.8	1571.3
20°	2691.6	2709.6	2727.2	2683.0	2638.7	2538.8	2415.6	2196.0	1979.7	1780.3	1580.6
22.5°	2576.4	2662.7	2748.8	2783.1	2817.1	2757.1	2660.8	2406.9	2120.6	1860.3	1599.9
25°	2493.0	2636.1	2779.3	2893.5	3007.5	2980.9	2906.7	2663.1	2307.4	1975.5	1643.2
27.5°	2472.1	2647.7	2823.3	3000.4	3177.3	3202.0	3181.5	2933.1	2530.2	2118.6	1706.8
30°	2504.8	2682.6	2860.2	3075.9	3291.3	3389.8	3417.4	3158.1	2784.7	2285.5	1786.1
32.5°	2565.8	2740.1	2914.4	3149.4	3384.1	3533.0	3621.0	3363.9	2962.3	2411.4	1860.3
35°	2664.4	2827.4	2990.5	3235.1	3479.7	3672.3	3832.8	3576.4	3119.8	2499.4	1878.5
37.5°	2837.1	2977.3	3117.7	3343.6	3569.3	3819.0	4060.1	3810.4	3290.3	2584.1	1877.6
40°	3098.0	3197.2	3296.1	3487.1	3677.8	3992.0	4317.5	4071.3	3478.8	2676.0	1873.1
42.5°	3423.2	3474.3	3525.0	3676.1	3827.4	4172.8	4551.3	4326.6	3658.5	2761.3	1864.1
45°	3760.6	3774.1	3787.5	3882.9	3978.0	4316.0	4710.5	4518.2	3815.4	2835.5	1855.1
47.5°	4109.2	4063.0	4016.8	4054.6	4092.6	4425.8	4824.1	4663.6	3973.1	2917.7	1861.9
50°	4489.0	4360.2	4231.5	4211.6	4191.7	4535.5	4957.9	4848.5	4162.5	3037.3	1912.2
52.5°	4874.8	4662.6	4450.5	4371.8	4292.8	4666.4	5135.5	5078.6	4432.8	3222.9	2012.7
55°	5228.6	4958.6	4688.6	4582.7	4476.8	4866.8	5352.1	5416.6	4779.2	3460.2	2140.8
57.5°	5572.4	5266.4	4960.6	4862.3	4764.0	5161.1	5626.6	5720.1	5129.1	3687.7	2246.1
60°	5900.4	5597.8	5294.7	5216.1	5137.1	5527.1	5923.3	5855.1	5309.5	3794.3	2278.8
62.5°	6152.7	5912.0	5671.2	5629.8	5588.1	5897.2	6151.2	5802.5	5194.8	3689.4	2183.8
65°	6259.0	6121.9	5984.5	6023.4	6061.9	6177.2	6208.0	5648.5	4834.7	3395.3	1955.9
67.5°	5953.7	5981.7	6009.6	6172.7	6335.4	6256.1	6039.1	5344.8	4322.1	2978.6	1635.2
70°	5035.0	5202.6	5369.8	5755.7	6141.2	5965.2	5586.8	4799.7	3705.1	2498.7	1292.0
72.5°	3853.0	4041.5	4229.6	4802.3	5374.6	5212.5	4749.0	3942.3	2970.6	1995.4	1019.8
75°	2789.9	3002.7	3215.2	3846.9	4478.7	4253.7	3552.2	2822.6	2256.3	1523.1	789.7
77.5°	1987.4	2129.9	2272.4	2896.4	3520.2	3153.5	2364.5	1899.4	1561.7	1058.7	555.4
80°	1594.2	1550.5	1506.8	1854.5	2202.1	2141.2	1563.9	1219.8	1080.9	709.4	338.0
82.5°	1300.4	1193.8	1087.3	1251.0	1414.6	1405.7	1085.3	895.0	804.4	493.1	181.7
85°	952.5	909.7	867.1	1011.8	1156.6	1033.0	735.1	568.8	627.2	363.1	98.8
87.5°	464.5	530.7	596.4	767.2	937.7	704.0	223.1	110.5	152.8	100.5	47.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386391

CATALOG NUMBER: GWC-SA2A-735-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386391

CATALOG NUMBER: GWC-SA2A-735-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1
2.5°	2501.3	2474.9	2445.1	2415.3	2381.3	2346.9	2326.7	2306.1	2283.9	2261.8	2236.8
5°	2290.7	2235.5	2172.9	2110.3	2048.3	1986.3	1953.0	1919.7	1884.3	1848.6	1817.8
7.5°	1988.3	1907.7	1821.1	1734.1	1657.0	1579.7	1531.9	1483.7	1440.0	1396.0	1359.1
10°	1722.2	1619.5	1532.5	1445.2	1387.1	1329.0	1285.0	1241.0	1198.7	1155.9	1115.2
12.5°	1546.9	1444.2	1389.0	1333.8	1285.7	1237.5	1186.7	1135.7	1077.6	1019.2	976.5
15°	1478.5	1385.1	1323.8	1262.2	1197.6	1132.8	1070.5	1008.3	939.6	870.9	822.4
17.5°	1449.0	1326.7	1241.0	1155.0	1069.9	984.9	912.6	840.4	765.3	690.2	641.0
20°	1417.9	1255.1	1140.2	1025.0	915.8	806.7	724.8	643.0	575.8	508.8	471.2
22.5°	1389.6	1179.0	1034.9	890.5	761.5	632.4	552.2	471.6	430.4	389.4	374.3
25°	1378.1	1112.6	935.4	758.2	622.1	485.7	428.6	371.4	355.7	339.6	331.9
27.5°	1380.0	1053.2	851.7	649.7	527.1	404.5	365.3	326.2	316.5	306.5	301.7
30°	1387.4	988.7	772.7	556.6	455.5	354.4	329.1	303.3	293.1	282.9	276.7
32.5°	1395.8	930.9	711.7	492.1	409.6	326.8	306.0	284.7	274.8	264.8	258.7
35°	1381.3	883.7	670.0	456.2	380.1	303.7	286.0	268.0	257.1	246.2	240.4
37.5°	1356.9	836.2	637.5	438.5	360.8	282.9	270.0	256.8	245.6	234.0	228.6
40°	1334.8	796.1	613.4	430.4	350.2	269.6	258.7	247.8	236.3	224.4	217.9
42.5°	1316.7	769.2	589.7	410.2	340.6	270.6	255.2	239.5	228.3	217.0	210.0
45°	1303.3	751.5	571.1	390.7	331.6	272.5	253.0	233.3	222.2	210.6	202.3
47.5°	1302.0	742.1	557.9	373.7	314.6	255.2	247.2	239.2	222.8	206.1	196.4
50°	1319.7	727.1	542.5	357.6	298.3	238.8	249.8	260.3	232.4	204.1	191.9
52.5°	1356.6	700.4	518.1	335.7	278.3	220.6	237.6	254.2	230.2	205.7	190.0
55°	1401.2	661.2	481.2	300.8	251.9	202.9	217.9	232.7	217.7	202.3	183.3
57.5°	1429.1	611.8	434.7	257.5	222.4	187.5	196.1	204.5	198.4	192.3	173.0
60°	1412.5	546.1	382.3	218.3	196.4	174.6	173.0	171.1	180.1	189.1	166.9
62.5°	1330.9	478.0	336.1	194.2	177.8	161.1	157.6	153.8	168.5	183.0	159.5
65°	1193.2	430.4	306.9	183.3	165.0	146.7	142.9	139.0	143.4	148.0	137.1
67.5°	1018.2	401.2	290.2	179.1	157.0	134.5	130.0	125.5	124.6	123.6	119.8
70°	837.8	383.3	279.3	175.3	148.3	121.0	116.9	112.6	111.4	109.8	106.9
72.5°	700.4	381.0	278.0	174.9	141.3	107.6	103.7	99.9	98.3	96.3	94.0
75°	573.6	357.6	263.9	170.1	131.6	92.8	89.2	85.7	84.5	82.9	80.9
77.5°	425.6	296.0	221.8	147.7	112.6	77.7	74.1	70.3	70.0	69.3	67.7
80°	276.1	214.1	158.6	103.1	82.2	61.0	58.1	54.9	55.2	55.5	54.3
82.5°	153.4	124.8	96.9	69.0	56.2	43.3	42.1	40.5	41.4	42.1	40.5
85°	80.9	62.9	52.0	41.1	32.4	23.8	23.8	23.4	24.7	26.0	24.7
87.5°	34.9	22.2	19.0	15.4	8.6	1.6	2.0	2.0	2.5	3.2	2.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386391
 CATALOG NUMBER: GWC-SA2A-735-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386391
 CATALOG NUMBER: GWC-SA2A-735-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1
2.5°	2211.4	2187.9	2164.3	2138.2	2143.0	2123.1	2103.2	2090.7	2078.2	2074.4	2070.5
5°	1787.0	1760.4	1733.5	1709.3	1730.3	1716.1	1702.0	1700.0	1697.8	1697.8	1697.5
7.5°	1322.2	1293.6	1264.8	1244.9	1265.4	1262.8	1260.3	1274.1	1287.9	1299.1	1310.0
10°	1074.4	1039.7	1004.8	975.2	970.1	955.3	940.2	943.4	946.3	958.6	970.8
12.5°	933.9	892.4	851.0	816.3	800.6	776.2	751.5	736.1	720.7	722.3	723.5
15°	773.6	733.5	693.1	663.2	653.3	634.3	615.4	596.1	576.5	568.5	560.2
17.5°	591.6	559.5	527.1	507.2	507.2	501.7	496.3	486.6	476.6	468.7	460.3
20°	433.7	416.6	399.3	391.0	393.5	393.9	393.9	398.7	403.5	400.9	398.4
22.5°	358.8	352.7	346.7	343.2	344.5	344.8	345.0	349.5	353.8	357.0	359.9
25°	323.9	320.1	316.2	314.9	317.8	318.1	318.1	321.0	323.9	327.1	330.3
27.5°	296.6	295.0	293.4	291.1	294.0	294.0	293.7	296.9	299.9	302.7	305.3
30°	270.6	271.3	271.6	270.9	272.9	274.1	275.1	277.3	279.3	281.5	283.8
32.5°	252.3	251.4	250.3	249.8	253.9	256.2	258.4	260.7	262.6	263.5	264.5
35°	234.7	232.4	230.2	228.6	232.4	235.3	238.2	242.4	246.2	246.9	247.5
37.5°	222.8	219.9	217.0	215.1	216.7	217.9	219.3	223.8	228.3	230.8	233.1
40°	211.6	208.6	205.7	204.1	205.2	205.4	205.7	208.0	210.0	214.7	219.3
42.5°	202.5	199.1	195.5	193.6	194.2	194.8	195.2	194.8	194.5	199.1	203.5
45°	193.6	189.8	185.9	183.7	183.9	183.9	183.9	183.3	182.3	184.6	186.8
47.5°	186.5	182.1	177.5	175.3	174.6	174.0	173.3	173.0	172.4	174.0	175.3
50°	179.4	174.6	169.5	166.9	165.3	164.7	164.0	163.7	163.1	164.7	166.0
52.5°	174.0	168.2	162.4	158.3	156.7	155.7	154.7	155.0	155.0	155.7	156.0
55°	164.4	159.2	153.8	150.9	148.0	147.3	146.7	147.7	148.3	148.3	148.3
57.5°	153.8	149.0	143.8	141.8	139.3	139.3	139.0	140.3	141.3	141.8	142.5
60°	144.5	139.0	133.6	131.9	131.0	130.7	130.3	131.9	133.2	134.5	135.7
62.5°	135.7	130.0	124.2	122.3	122.0	122.3	122.3	123.9	125.2	126.4	127.8
65°	126.2	120.3	114.3	112.4	113.0	113.9	114.9	116.2	117.1	118.5	119.8
67.5°	115.5	110.8	105.6	103.7	104.0	105.3	106.6	107.6	108.2	109.4	110.8
70°	104.0	99.9	95.6	94.4	94.0	95.6	96.9	97.6	98.3	99.9	101.1
72.5°	91.5	87.9	84.5	83.4	83.8	84.7	85.7	86.7	87.3	89.0	90.2
75°	78.6	75.4	72.2	71.6	72.2	73.2	74.1	74.8	75.4	77.4	79.0
77.5°	66.1	62.6	58.7	58.4	59.4	60.3	61.0	62.0	62.9	65.5	68.0
80°	53.0	49.1	44.9	44.6	45.6	46.5	47.5	48.5	49.4	52.6	55.5
82.5°	38.8	34.4	29.9	29.2	32.4	33.3	34.4	36.0	37.2	40.1	43.0
85°	23.4	19.0	14.5	14.1	17.0	18.6	20.2	22.2	23.8	26.3	28.9
87.5°	2.5	1.3	0.0	0.0	0.3	1.6	2.9	4.5	6.1	8.6	10.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386391
 CATALOG NUMBER: GWC-SA2A-735-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386391
 CATALOG NUMBER: GWC-SA2A-735-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1
2.5°	2056.3	2042.0	2056.7	2071.2	2077.3	2083.3	2067.6	2051.5	2076.6	2101.3	2107.7
5°	1684.6	1671.5	1681.4	1691.1	1669.6	1648.1	1645.8	1643.2	1661.9	1680.5	1683.4
7.5°	1305.9	1301.7	1311.0	1320.3	1293.0	1265.4	1251.9	1238.4	1242.9	1247.4	1246.8
10°	973.6	976.2	987.8	999.0	977.8	956.6	947.3	938.0	948.2	958.2	967.5
12.5°	729.3	734.8	747.0	758.8	750.2	741.2	742.1	743.2	755.0	766.5	776.9
15°	566.5	573.0	581.7	590.0	590.3	590.3	598.7	606.7	605.7	604.8	611.8
17.5°	468.9	477.3	478.3	479.3	479.6	479.9	479.3	478.6	473.8	468.9	474.5
20°	401.6	404.5	407.0	409.3	406.4	403.2	395.2	387.1	383.9	380.7	385.8
22.5°	365.3	370.4	367.9	365.0	359.2	353.1	347.0	340.6	340.2	339.6	342.5
25°	334.8	339.0	334.5	330.0	325.8	321.6	317.5	313.3	313.0	312.6	313.9
27.5°	309.4	313.3	309.2	304.9	301.5	297.9	294.7	291.5	290.8	290.2	290.6
30°	287.6	291.1	287.6	283.8	281.2	278.3	276.1	273.8	273.5	273.2	273.2
32.5°	268.0	271.6	269.0	266.4	264.2	261.9	260.3	258.7	257.1	255.5	251.9
35°	251.0	254.6	253.0	251.0	248.5	245.9	243.0	239.8	235.6	231.1	229.2
37.5°	236.5	240.1	238.5	236.9	233.3	229.9	224.7	219.3	217.9	216.3	216.1
40°	225.0	230.5	227.2	223.8	218.3	212.9	210.2	207.7	207.0	206.4	205.7
42.5°	212.2	220.6	214.7	209.0	203.8	198.7	198.0	197.5	197.1	196.8	196.8
45°	196.1	205.2	199.3	193.2	190.3	187.5	187.5	187.5	187.8	187.8	188.4
47.5°	181.0	186.5	183.7	180.7	179.1	177.5	177.8	178.2	179.1	179.8	181.4
50°	168.2	170.1	170.8	171.1	170.1	169.2	169.8	170.1	171.1	171.7	173.0
52.5°	158.9	161.8	161.8	161.5	161.5	161.5	162.1	162.8	163.7	164.7	166.0
55°	152.8	157.0	155.7	154.4	154.7	154.7	155.4	156.0	157.0	157.6	159.5
57.5°	147.0	151.5	150.2	149.0	149.0	149.0	149.3	149.6	150.6	151.1	152.5
60°	140.3	144.8	143.4	141.8	142.2	142.5	142.9	142.9	143.4	143.8	143.8
62.5°	132.3	136.8	135.5	133.9	134.8	135.5	135.5	135.5	136.1	136.4	135.5
65°	123.9	128.0	126.8	125.5	126.8	127.8	128.4	128.7	128.4	128.0	127.1
67.5°	114.9	119.1	117.8	116.2	117.8	119.1	120.3	121.4	120.3	119.4	118.2
70°	105.3	109.4	107.8	106.2	107.8	109.4	110.8	112.1	110.8	109.4	109.2
72.5°	95.0	99.9	97.9	96.0	97.9	99.9	100.5	101.1	100.1	99.2	98.5
75°	83.8	88.6	87.0	85.1	86.7	88.3	88.6	89.0	89.0	88.6	86.7
77.5°	71.9	75.7	74.8	73.8	74.8	75.7	75.7	75.7	76.1	76.1	73.6
80°	57.8	60.0	60.3	60.7	61.0	61.3	61.0	60.7	60.0	59.4	57.8
82.5°	43.0	43.0	45.6	47.8	47.8	47.5	47.2	46.5	45.3	43.7	40.1
85°	27.2	25.6	29.9	33.7	33.7	33.3	32.8	31.8	29.2	26.3	23.4
87.5°	9.3	7.7	11.8	16.1	16.3	16.3	15.7	15.1	12.5	9.7	7.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386391
 CATALOG NUMBER: GWC-SA2A-735-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1
2.5°	2117.4	2121.5	2125.4	2156.8	2187.9	2224.6	2261.2	2289.1	2316.7	2345.3	2373.8
5°	1693.4	1698.4	1703.6	1741.8	1779.7	1830.7	1881.7	1925.8	1969.7	2021.4	2073.1
7.5°	1255.1	1266.4	1277.3	1318.1	1358.5	1413.4	1468.0	1525.4	1582.6	1650.0	1717.4
10°	985.8	1007.0	1027.9	1069.6	1111.3	1165.6	1219.5	1279.5	1339.6	1406.0	1472.1
12.5°	798.0	826.3	854.2	904.3	954.3	1019.2	1083.7	1150.5	1216.9	1275.3	1333.8
15°	630.4	661.2	691.8	744.8	797.7	868.9	939.9	1012.8	1085.3	1155.3	1225.3
17.5°	491.8	517.1	542.2	587.1	631.7	700.8	769.7	846.2	922.6	1008.0	1093.0
20°	396.8	407.3	417.9	450.3	482.5	538.6	594.5	672.5	750.5	852.6	954.7
22.5°	347.7	353.1	358.3	374.0	389.4	425.6	461.6	530.7	599.3	710.7	821.8
25°	318.1	322.3	326.4	336.8	347.0	364.3	381.7	430.1	478.6	588.1	697.2
27.5°	291.5	297.9	304.0	308.8	313.3	325.2	336.8	368.5	400.3	502.4	604.1
30°	272.2	274.5	276.7	284.1	291.1	303.3	315.5	337.7	359.9	446.2	532.3
32.5°	249.8	253.0	256.2	263.9	271.6	282.9	294.0	312.0	329.6	403.5	477.0
35°	229.5	232.7	236.0	243.7	251.0	263.2	275.1	290.2	304.9	369.2	433.3
37.5°	217.0	220.2	223.4	230.2	236.5	248.8	260.7	272.5	284.1	343.4	402.9
40°	206.4	209.6	212.9	219.3	225.4	237.2	248.8	258.7	268.7	324.2	379.8
42.5°	197.1	200.7	204.1	210.6	216.7	227.2	237.9	251.0	263.9	307.6	350.9
45°	189.4	193.0	196.1	203.2	210.2	220.6	230.8	249.1	267.4	298.8	330.3
47.5°	182.3	186.2	189.8	197.5	205.2	217.9	230.5	245.9	261.0	292.2	323.2
50°	175.6	180.1	184.6	193.9	202.9	224.4	245.6	247.8	249.8	286.7	323.2
52.5°	169.2	174.4	179.4	191.0	202.3	227.2	252.3	244.2	236.0	276.4	316.9
55°	162.8	167.2	171.4	185.5	199.6	217.9	236.3	225.6	214.7	257.1	299.5
57.5°	154.1	158.9	163.4	178.5	193.6	206.4	219.0	209.3	199.3	235.3	270.9
60°	145.1	150.6	156.0	175.3	194.2	191.9	189.4	187.5	185.2	210.9	236.5
62.5°	137.1	142.9	148.6	173.7	198.7	183.3	167.9	169.5	170.8	189.8	208.6
65°	129.1	134.8	140.3	152.8	165.3	159.2	153.1	155.7	157.9	176.5	195.2
67.5°	120.1	125.2	130.0	134.1	138.4	139.0	139.6	142.2	144.8	166.9	188.7
70°	110.1	114.3	118.5	121.4	123.9	125.2	126.2	129.4	132.5	156.7	180.7
72.5°	98.8	102.4	105.6	108.2	110.8	111.7	112.4	115.5	118.7	144.5	170.1
75°	86.7	89.5	92.2	94.4	96.7	97.9	99.2	101.5	103.7	131.6	159.2
77.5°	73.2	76.1	78.6	80.6	82.2	83.4	84.5	87.3	90.2	113.7	136.8
80°	57.1	60.7	63.9	65.5	66.8	67.1	67.1	69.7	72.2	89.0	105.3
82.5°	40.5	44.3	47.8	49.1	50.4	50.4	50.4	53.3	56.2	67.4	78.3
85°	23.8	27.9	31.8	33.1	34.4	34.9	35.3	36.6	37.6	45.6	53.3
87.5°	7.4	10.9	14.1	14.7	15.4	16.7	17.9	18.3	18.3	23.8	29.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386391
 CATALOG NUMBER: GWC-SA2A-735-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386391
 CATALOG NUMBER: GWC-SA2A-735-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1
2.5°	2406.6	2439.3	2477.6	2515.4	2547.8	2580.2	2607.2
5°	2138.9	2204.7	2285.3	2365.5	2437.1	2508.7	2591.8
7.5°	1802.4	1887.5	1991.9	2096.2	2197.3	2298.1	2425.9
10°	1558.8	1645.2	1755.6	1865.7	1979.3	2092.7	2237.1
12.5°	1404.1	1474.1	1581.0	1687.8	1821.4	1954.6	2093.6
15°	1302.0	1378.4	1482.4	1586.4	1732.4	1878.5	2038.4
17.5°	1193.2	1293.0	1426.2	1559.5	1732.4	1905.2	2093.6
20°	1079.3	1203.5	1376.1	1548.9	1781.9	2014.6	2255.1
22.5°	965.6	1109.4	1330.9	1552.1	1856.7	2161.0	2485.5
25°	863.2	1029.1	1303.3	1577.1	1965.5	2353.7	2756.2
27.5°	785.5	966.5	1292.0	1617.3	2103.6	2589.9	3050.5
30°	716.5	900.8	1278.6	1656.4	2236.4	2816.2	3280.6
32.5°	656.8	836.5	1252.6	1668.3	2329.2	2990.2	3475.6
35°	609.9	786.5	1208.9	1631.4	2387.3	3143.3	3678.4
37.5°	569.5	736.1	1159.1	1582.2	2439.0	3295.8	3906.7
40°	530.9	682.1	1116.5	1550.5	2510.2	3470.1	4147.7
42.5°	494.3	637.8	1082.1	1526.4	2576.4	3626.1	4358.6
45°	467.1	603.8	1051.7	1499.1	2619.1	3739.1	4517.5
47.5°	453.5	583.6	1035.2	1486.6	2661.8	3836.7	4649.4
50°	451.7	580.1	1053.9	1527.6	2754.2	3980.5	4800.3
52.5°	451.4	585.8	1107.5	1629.1	2926.0	4222.5	4963.8
55°	444.6	589.4	1171.3	1753.0	3156.5	4559.5	5257.4
57.5°	424.0	577.2	1237.2	1896.8	3400.1	4903.1	5588.5
60°	392.3	547.7	1291.4	2034.8	3563.8	5092.5	5715.8
62.5°	352.5	496.0	1309.4	2122.5	3559.4	4996.2	5587.4
65°	318.5	441.7	1250.3	2058.6	3379.3	4699.5	5333.5
67.5°	288.3	387.5	1102.7	1817.5	3055.4	4292.8	5010.6
70°	266.4	351.8	912.3	1472.8	2649.9	3826.7	4636.7
72.5°	252.6	334.8	743.8	1152.4	2150.5	3148.1	3966.0
75°	233.7	308.1	583.6	858.7	1645.8	2432.9	2995.6
77.5°	198.4	259.6	439.8	619.9	1207.6	1795.1	2083.3
80°	153.1	200.7	302.4	404.1	831.1	1258.0	1420.5
82.5°	109.2	140.0	183.3	226.7	552.2	877.3	890.8
85°	67.4	81.5	104.9	128.4	365.3	602.2	501.7
87.5°	36.3	43.3	55.5	67.4	116.9	166.3	95.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386391
 CATALOG NUMBER: GWC-SA2A-735-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



Report Generated By 670245982

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Scaled Data Report





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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



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110°	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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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110°	0.0	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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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





110°	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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Signify Classified - Internal
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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





110°	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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





110°	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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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





110°	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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Peachtree City, GA 30269

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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