

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: P386447

Luminaire Tested: **GWC-SA2A-760-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P386447
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-760-U-SLL
Description: GALLEON WALL LUMINAIRE
(2) 70 CRI, 5700K, 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: 8547 lumens
Efficiency: N/A
Efficacy: 129.5 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

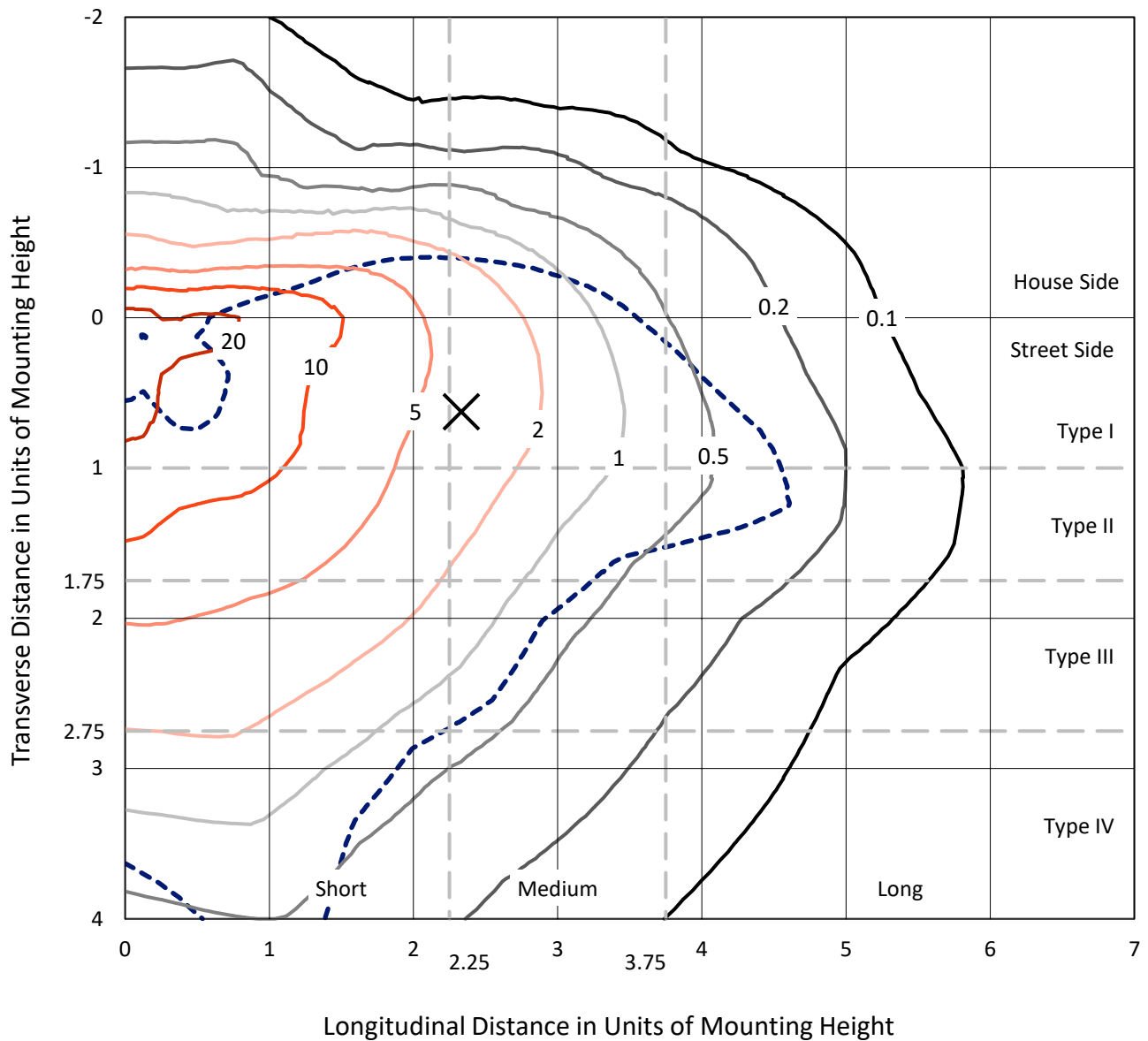


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Iso-Footcandle Lines of Horizontal Illumination

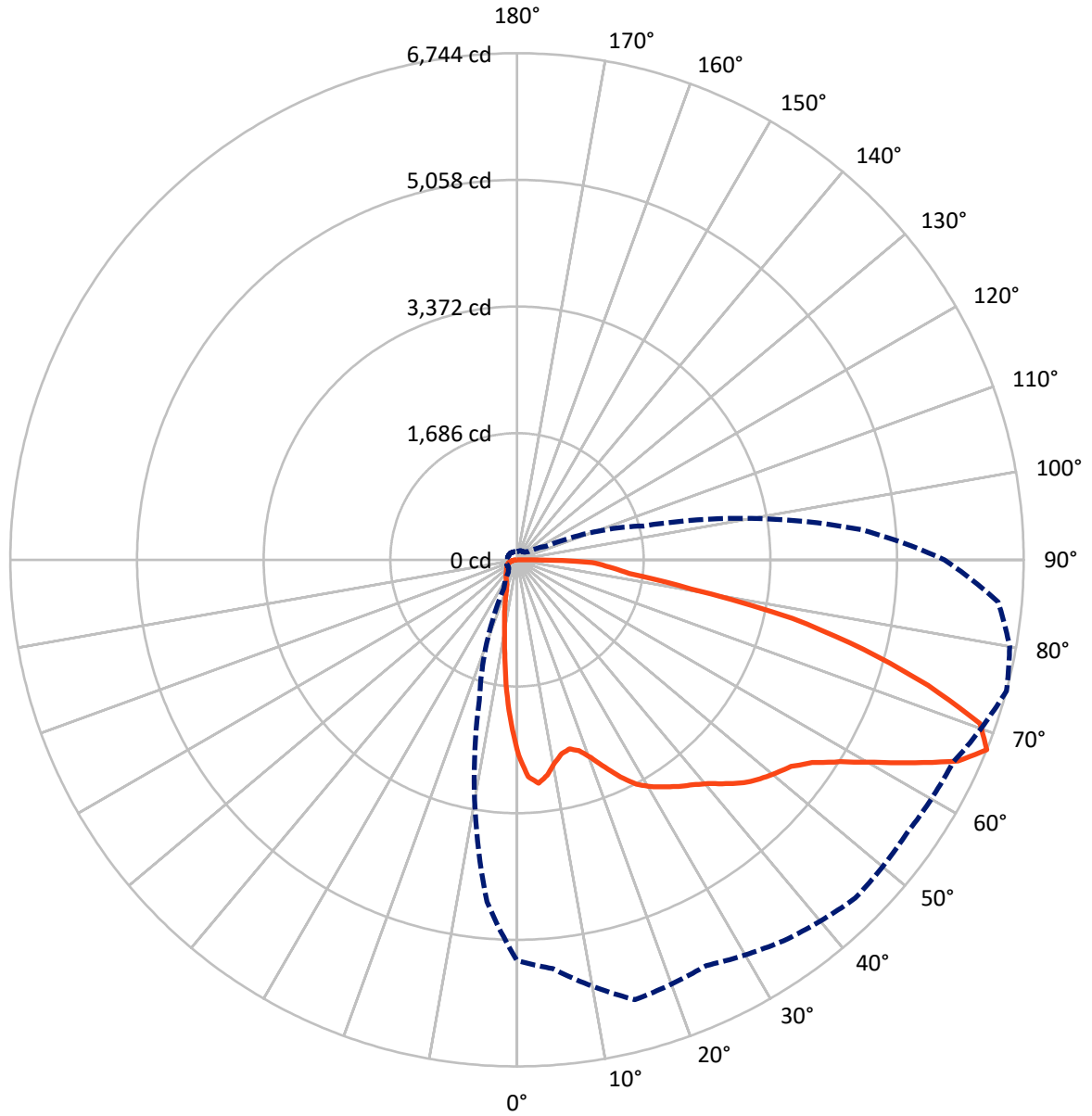
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 32.7 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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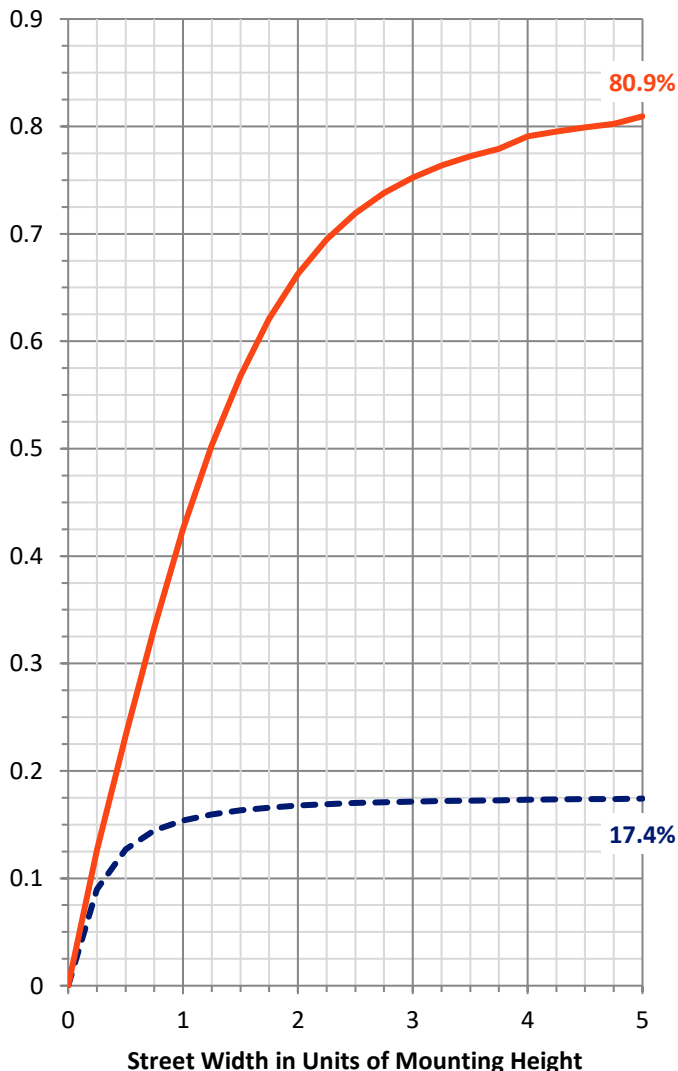
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1505.3	0.0	1505.3
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	7041.7	0.0	7041.7
	% Fixture	82.4	0.0	82.4
Total	Lumens	8547.0	0.0	8547.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.0	2.4
10°-20°	417.5	4.9
20°-30°	593.7	6.9
30°-40°	855.6	10.0
40°-50°	1205.8	14.1
50°-60°	1676.2	19.6
60°-70°	2027.0	23.7
70°-80°	1246.0	14.6
80°-90°	324.2	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°	8547.0	100.0
0°-180°	8547.0	100.0

Coefficient of Utilization



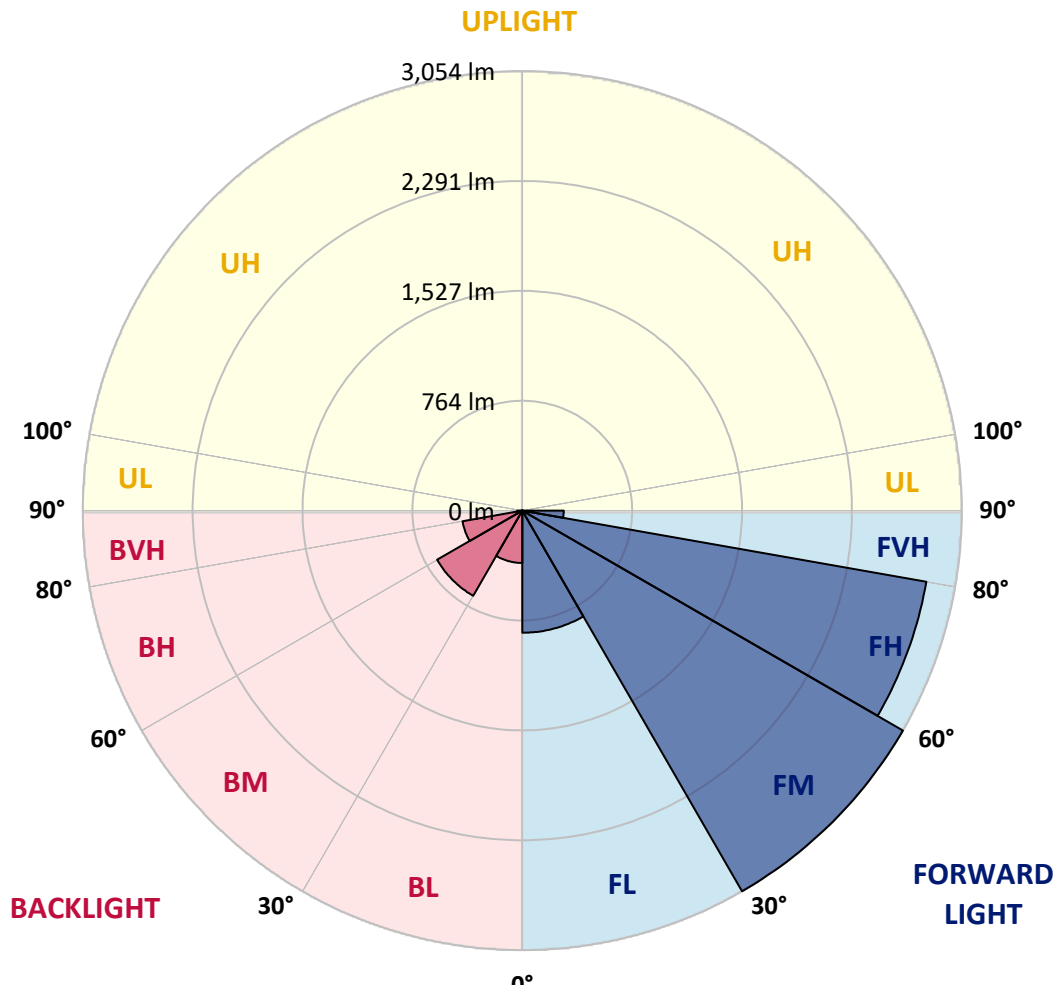
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	848.6	9.9			
FM (30°-60°)	3054.2	35.7			
FH (60°-80°)	2851.0	33.4			G2/5000
FVH (80°-90°)	287.8	3.4			G3/500
BL (0°-30°)	363.6	4.3	B1/500		
BM (30°-60°)	683.3	8.0	B1/1000		
BH (60°-80°)	422.0	4.9	B1/500		G1/500
BVH (80°-90°)	36.4	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°	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9
2.5°	2775.4	2812.0	2837.3	2862.2	2881.7	2900.8	2928.9	2956.9	2962.3	2967.5	2956.5
5°	2759.0	2848.2	2924.1	2999.6	3069.6	3139.7	3181.7	3223.8	3232.3	3240.8	3214.5
7.5°	2582.4	2713.9	2845.5	2977.0	3097.7	3218.3	3291.8	3364.9	3381.6	3398.0	3355.0
10°	2381.4	2534.5	2696.1	2857.8	3016.7	3175.6	3281.9	3388.1	3409.3	3430.5	3376.8
12.5°	2228.7	2395.8	2568.3	2740.9	2908.7	3076.1	3186.2	3296.2	3322.5	3348.8	3309.9
15°	2169.9	2353.1	2515.4	2677.7	2823.9	2969.9	3060.1	3149.9	3160.9	3171.5	3165.3
17.5°	2228.7	2430.6	2577.6	2724.2	2803.8	2883.1	2919.3	2955.2	2967.1	2978.7	2994.5
20°	2400.6	2618.6	2722.1	2825.3	2821.9	2818.1	2800.7	2782.9	2779.9	2776.8	2821.2
22.5°	2645.9	2899.1	2940.5	2981.5	2885.5	2789.4	2731.0	2672.2	2660.6	2648.6	2695.8
25°	2934.0	3203.6	3196.1	3188.2	3005.4	2822.2	2710.8	2599.4	2586.5	2573.5	2613.8
27.5°	3247.3	3505.0	3455.8	3406.6	3158.1	2909.7	2748.1	2586.5	2573.5	2560.5	2596.0
30°	3492.3	3726.1	3647.1	3568.2	3287.0	3005.7	2813.7	2621.7	2600.5	2578.9	2622.7
32.5°	3699.8	3898.6	3792.7	3686.8	3391.5	3096.3	2888.5	2680.8	2647.6	2614.5	2672.9
35°	3915.7	4070.9	3921.9	3772.6	3484.8	3196.8	2977.0	2757.0	2716.3	2675.6	2755.9
37.5°	4158.7	4287.5	4073.6	3859.4	3589.7	3320.1	3109.6	2898.8	2857.1	2815.4	2917.9
40°	4415.3	4522.6	4237.3	3952.0	3704.6	3457.2	3293.1	3128.8	3089.1	3049.1	3173.5
42.5°	4639.8	4718.1	4389.7	4061.3	3842.9	3624.3	3508.8	3392.9	3392.6	3391.9	3518.0
45°	4809.0	4877.0	4516.8	4156.3	3977.9	3799.2	3739.1	3678.9	3727.1	3775.3	3889.4
47.5°	4949.4	4995.6	4623.4	4251.0	4132.4	4013.8	4022.7	4031.6	4129.7	4227.7	4301.2
50°	5110.0	5072.8	4720.1	4367.1	4330.6	4294.0	4374.0	4453.6	4566.4	4678.8	4728.7
52.5°	5284.0	5185.2	4851.4	4517.2	4558.2	4599.2	4761.8	4924.5	5038.3	5152.1	5170.9
55°	5596.6	5445.3	5092.6	4739.6	4818.6	4897.1	5136.0	5374.5	5463.4	5552.2	5559.1
57.5°	5949.0	5814.7	5430.6	5046.5	5131.2	5216.0	5491.7	5767.2	5863.2	5958.9	5945.5
60°	6084.6	6091.1	5751.4	5411.4	5496.9	5582.3	5850.9	6119.5	6229.8	6339.9	6310.5
62.5°	5947.9	6108.2	5926.7	5744.9	5822.5	5899.7	6162.9	6426.0	6539.1	6652.2	6600.9
65°	5677.6	5836.5	5917.9	5999.2	6024.8	6050.4	6296.1	6541.5	6628.3	6714.7	6688.8
67.5°	5333.9	5462.3	5762.4	6062.1	6010.5	5958.9	6074.0	6189.2	6278.4	6367.6	6352.9
70°	4935.8	5088.8	5489.0	5889.2	5635.6	5381.7	5334.2	5286.7	5383.1	5479.1	5419.6
72.5°	4221.9	4452.9	4879.7	5306.2	4839.1	4371.9	4209.6	4047.3	4169.3	4291.3	4196.6
75°	3188.9	3495.4	3967.0	4438.2	3880.9	3323.5	3106.9	2890.2	2995.1	3100.1	3035.1
77.5°	2217.7	2602.2	3066.6	3531.0	2964.4	2397.5	2236.5	2075.2	2106.7	2137.8	2126.8
80°	1512.1	1765.0	2088.9	2412.5	2035.3	1658.0	1670.7	1683.0	1668.3	1653.2	1675.1
82.5°	948.3	1126.3	1376.4	1626.2	1426.0	1225.7	1340.6	1455.4	1399.0	1342.3	1363.5
85°	534.1	642.8	887.4	1131.8	1054.9	977.7	1045.0	1111.9	1024.5	937.0	975.6
87.5°	101.8	169.5	491.0	812.3	737.4	662.6	575.8	489.0	373.2	257.3	375.9
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



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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°	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9
2.5°	2945.6	2939.8	2934.0	2913.1	2892.0	2860.5	2834.5	2789.4	2764.8	2727.6	2690.3
5°	3187.9	3151.0	3114.1	3050.5	2986.6	2915.5	2833.9	2743.3	2675.0	2586.1	2497.3
7.5°	3311.9	3225.8	3139.4	3017.4	2895.0	2785.0	2655.8	2535.5	2433.0	2317.5	2202.0
10°	3323.2	3194.0	3064.5	2906.0	2747.1	2613.5	2464.8	2331.2	2208.2	2075.6	1942.7
12.5°	3270.6	3133.2	2995.5	2820.9	2645.9	2494.2	2334.3	2184.6	2048.3	1902.3	1756.1
15°	3159.2	3049.5	2939.4	2775.8	2612.1	2459.0	2303.9	2126.5	1972.4	1823.1	1673.4
17.5°	3009.8	2957.9	2905.6	2787.4	2668.8	2536.2	2385.9	2177.8	1997.3	1835.0	1672.7
20°	2865.3	2884.4	2903.2	2856.1	2808.9	2702.6	2571.4	2337.7	2107.4	1895.2	1682.6
22.5°	2742.6	2834.5	2926.1	2962.7	2998.9	2935.0	2832.5	2562.2	2257.4	1980.3	1703.1
25°	2653.8	2806.2	2958.6	3080.2	3201.5	3173.2	3094.2	2834.9	2456.3	2102.9	1749.2
27.5°	2631.6	2818.5	3005.4	3194.0	3382.3	3408.6	3386.8	3122.3	2693.4	2255.3	1816.9
30°	2666.4	2855.7	3044.7	3274.3	3503.6	3608.5	3637.9	3361.8	2964.4	2433.0	1901.3
32.5°	2731.3	2916.9	3102.4	3352.6	3602.4	3760.9	3854.6	3580.9	3153.4	2567.0	1980.3
35°	2836.3	3009.8	3183.4	3443.8	3704.2	3909.2	4080.1	3807.1	3321.1	2660.6	1999.7
37.5°	3020.1	3169.4	3318.8	3559.3	3799.6	4065.4	4322.0	4056.2	3502.6	2750.8	1998.7
40°	3297.9	3403.5	3508.8	3712.1	3915.1	4249.6	4596.1	4334.0	3703.2	2848.6	1993.9
42.5°	3644.1	3698.4	3752.4	3913.3	4074.3	4442.0	4844.9	4605.7	3894.5	2939.4	1984.4
45°	4003.2	4017.6	4031.9	4133.4	4234.6	4594.4	5014.4	4809.7	4061.6	3018.4	1974.8
47.5°	4374.3	4325.1	4275.9	4316.2	4356.6	4711.3	5135.3	4964.5	4229.4	3105.9	1982.0
50°	4778.6	4641.5	4504.5	4483.3	4462.1	4828.1	5277.8	5161.3	4431.0	3233.3	2035.6
52.5°	5189.3	4963.4	4737.6	4653.8	4569.8	4967.5	5466.8	5406.3	4718.8	3430.8	2142.6
55°	5565.9	5278.5	4991.1	4878.4	4765.6	5180.8	5697.4	5766.1	5087.5	3683.4	2278.9
57.5°	5931.9	5606.2	5280.6	5176.0	5071.4	5494.1	5989.6	6089.1	5460.0	3925.6	2391.0
60°	6281.1	5958.9	5636.3	5552.6	5468.5	5883.7	6305.4	6232.9	5652.0	4039.1	2425.8
62.5°	6549.7	6293.4	6037.1	5993.0	5948.6	6277.7	6548.0	6176.9	5530.0	3927.4	2324.7
65°	6662.8	6516.9	6370.6	6412.0	6453.0	6575.7	6608.5	6012.9	5146.6	3614.3	2082.1
67.5°	6337.8	6367.6	6397.3	6570.9	6744.1	6659.7	6428.7	5689.6	4600.9	3170.8	1740.7
70°	5359.8	5538.2	5716.2	6127.0	6537.4	6350.1	5947.2	5109.4	3944.1	2659.9	1375.4
72.5°	4101.6	4302.2	4502.5	5112.1	5721.4	5548.8	5055.4	4196.6	3162.2	2124.1	1085.6
75°	2969.9	3196.4	3422.6	4095.1	4767.6	4528.1	3781.4	3004.7	2401.9	1621.4	840.6
77.5°	2115.6	2267.3	2419.0	3083.3	3747.3	3357.0	2517.1	2021.9	1662.5	1127.0	591.2
80°	1697.0	1650.5	1604.0	1974.1	2344.2	2279.3	1664.8	1298.5	1150.6	755.2	359.8
82.5°	1384.3	1270.8	1157.4	1331.7	1505.9	1496.4	1155.3	952.7	856.3	524.9	193.4
85°	1013.9	968.4	923.0	1077.1	1231.2	1099.6	782.5	605.5	667.7	386.5	105.2
87.5°	494.5	564.9	634.9	816.7	998.2	749.4	237.5	117.6	162.7	107.0	50.9
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: P386447

CATALOG NUMBER: GWC-SA2A-760-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: P386447

CATALOG NUMBER: GWC-SA2A-760-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9
2.5°	2662.7	2634.6	2602.9	2571.1	2534.9	2498.3	2476.8	2454.9	2431.3	2407.7	2381.1
5°	2438.5	2379.7	2313.1	2246.4	2180.5	2114.5	2079.0	2043.5	2005.9	1967.9	1935.1
7.5°	2116.6	2030.8	1938.6	1846.0	1763.9	1681.6	1630.7	1579.4	1532.9	1486.1	1446.8
10°	1833.3	1724.0	1631.4	1538.4	1476.6	1414.7	1367.9	1321.1	1276.0	1230.5	1187.1
12.5°	1646.7	1537.4	1478.6	1419.8	1368.6	1317.3	1263.3	1209.0	1147.1	1085.0	1039.5
15°	1573.9	1474.5	1409.2	1343.6	1274.9	1205.9	1139.6	1073.3	1000.2	927.1	875.5
17.5°	1542.5	1412.3	1321.1	1229.5	1138.9	1048.4	971.5	894.6	814.7	734.7	682.4
20°	1509.4	1336.1	1213.8	1091.1	974.9	858.7	771.6	684.5	613.0	541.6	501.6
22.5°	1479.3	1255.1	1101.7	947.9	810.6	673.2	587.8	502.0	458.2	414.5	398.4
25°	1467.0	1184.4	995.8	807.1	662.2	517.0	456.2	395.4	378.6	361.5	353.3
27.5°	1469.0	1121.2	906.6	691.6	561.1	430.6	388.9	347.2	336.9	326.3	321.2
30°	1476.9	1052.5	822.5	592.5	484.9	377.3	350.3	322.9	312.0	301.1	294.6
32.5°	1485.8	991.0	757.6	523.9	436.0	347.9	325.7	303.1	292.5	281.9	275.4
35°	1470.4	940.7	713.2	485.6	404.6	323.3	304.5	285.3	273.7	262.1	255.9
37.5°	1444.4	890.2	678.6	466.8	384.1	301.1	287.4	273.4	261.4	249.1	243.3
40°	1420.9	847.5	653.0	458.2	372.8	287.0	275.4	263.8	251.5	238.9	232.0
42.5°	1401.7	818.8	627.7	436.7	362.6	288.1	271.7	254.9	243.0	231.0	223.5
45°	1387.4	800.0	607.9	415.9	353.0	290.1	269.3	248.4	236.5	224.2	215.3
47.5°	1386.0	790.0	593.9	397.8	334.9	271.7	263.1	254.6	237.2	219.4	209.1
50°	1404.8	774.0	577.5	380.7	317.5	254.2	265.9	277.1	247.4	217.3	204.3
52.5°	1444.1	745.6	551.5	357.4	296.3	234.8	252.9	270.6	245.0	219.0	202.3
55°	1491.6	703.9	512.2	320.2	268.2	216.0	232.0	247.7	231.7	215.3	195.1
57.5°	1521.3	651.3	462.7	274.1	236.8	199.6	208.8	217.7	211.2	204.7	184.2
60°	1503.6	581.3	407.0	232.4	209.1	185.9	184.2	182.1	191.7	201.3	177.7
62.5°	1416.8	508.8	357.8	206.7	189.3	171.5	167.8	163.7	179.4	194.8	169.8
65°	1270.2	458.2	326.7	195.1	175.6	156.2	152.1	148.0	152.7	157.5	145.9
67.5°	1083.9	427.1	308.9	190.7	167.1	143.2	138.4	133.6	132.6	131.6	127.5
70°	891.9	408.0	297.3	186.6	157.9	128.8	124.4	119.9	118.6	116.9	113.8
72.5°	745.6	405.6	295.9	186.2	150.4	114.5	110.4	106.3	104.6	102.5	100.1
75°	610.6	380.7	280.9	181.1	140.1	98.8	95.0	91.2	89.9	88.2	86.1
77.5°	453.1	315.1	236.1	157.2	119.9	82.7	78.9	74.8	74.5	73.8	72.1
80°	293.9	227.9	168.8	109.7	87.5	64.9	61.9	58.4	58.8	59.1	57.8
82.5°	163.3	132.9	103.2	73.5	59.8	46.1	44.8	43.1	44.1	44.8	43.1
85°	86.1	67.0	55.4	43.7	34.5	25.3	25.3	24.9	26.3	27.7	26.3
87.5°	37.2	23.6	20.2	16.4	9.2	1.7	2.1	2.1	2.7	3.4	3.1
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



REPORT NUMBER: P386447
 CATALOG NUMBER: GWC-SA2A-760-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: P386447

CATALOG NUMBER: GWC-SA2A-760-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9
2.5°	2354.1	2329.1	2303.9	2276.2	2281.3	2260.1	2238.9	2225.6	2212.3	2208.2	2204.1
5°	1902.3	1874.0	1845.3	1819.6	1841.9	1826.8	1811.8	1809.7	1807.3	1807.3	1807.0
7.5°	1407.5	1377.1	1346.4	1325.2	1347.0	1344.3	1341.6	1356.3	1371.0	1382.9	1394.5
10°	1143.7	1106.8	1069.6	1038.1	1032.7	1016.9	1000.9	1004.3	1007.4	1020.4	1033.4
12.5°	994.1	950.0	905.9	869.0	852.2	826.3	800.0	783.6	767.2	768.9	770.2
15°	823.5	780.8	737.8	706.0	695.4	675.2	655.1	634.6	613.7	605.2	596.3
17.5°	629.8	595.6	561.1	539.9	539.9	534.1	528.3	518.0	507.4	498.9	490.0
20°	461.7	443.5	425.1	416.2	418.9	419.3	419.3	424.4	429.5	426.8	424.1
22.5°	382.0	375.5	369.1	365.3	366.7	367.0	367.3	372.1	376.6	380.0	383.1
25°	344.8	340.7	336.6	335.2	338.3	338.6	338.6	341.7	344.8	348.2	351.6
27.5°	315.7	314.0	312.3	309.9	313.0	313.0	312.7	316.1	319.2	322.2	325.0
30°	288.1	288.8	289.1	288.4	290.5	291.8	292.9	295.2	297.3	299.7	302.1
32.5°	268.6	267.6	266.5	265.9	270.3	272.7	275.1	277.5	279.5	280.5	281.6
35°	249.8	247.4	245.0	243.3	247.4	250.5	253.6	258.0	262.1	262.8	263.5
37.5°	237.2	234.1	231.0	229.0	230.7	232.0	233.4	238.2	243.0	245.7	248.1
40°	225.2	222.1	219.0	217.3	218.4	218.7	219.0	221.4	223.5	228.6	233.4
42.5°	215.6	211.9	208.1	206.1	206.7	207.4	207.8	207.4	207.1	211.9	216.6
45°	206.1	202.0	197.9	195.5	195.8	195.8	195.8	195.1	194.1	196.5	198.9
47.5°	198.5	193.8	189.0	186.6	185.9	185.2	184.5	184.2	183.5	185.2	186.6
50°	191.0	185.9	180.4	177.7	176.0	175.3	174.6	174.3	173.6	175.3	176.7
52.5°	185.2	179.1	172.9	168.5	166.8	165.7	164.7	165.0	165.0	165.7	166.1
55°	175.0	169.5	163.7	160.6	157.5	156.8	156.2	157.2	157.9	157.9	157.9
57.5°	163.7	158.6	153.1	151.0	148.3	148.3	148.0	149.3	150.4	151.0	151.7
60°	153.8	148.0	142.2	140.4	139.4	139.1	138.7	140.4	141.8	143.2	144.5
62.5°	144.5	138.4	132.2	130.2	129.9	130.2	130.2	131.9	133.3	134.6	136.0
65°	134.3	128.1	121.7	119.6	120.3	121.3	122.3	123.7	124.7	126.1	127.5
67.5°	123.0	117.9	112.4	110.4	110.7	112.1	113.5	114.5	115.2	116.5	117.9
70°	110.7	106.3	101.8	100.5	100.1	101.8	103.2	103.9	104.6	106.3	107.6
72.5°	97.4	93.6	89.9	88.8	89.2	90.2	91.2	92.3	92.9	94.7	96.0
75°	83.7	80.3	76.9	76.2	76.9	77.9	78.9	79.6	80.3	82.4	84.1
77.5°	70.4	66.6	62.5	62.2	63.2	64.2	64.9	66.0	67.0	69.7	72.4
80°	56.4	52.3	47.8	47.5	48.5	49.5	50.6	51.6	52.6	56.0	59.1
82.5°	41.3	36.6	31.8	31.1	34.5	35.5	36.6	38.3	39.6	42.7	45.8
85°	24.9	20.2	15.4	15.0	18.1	19.8	21.5	23.6	25.3	28.0	30.8
87.5°	2.7	1.4	0.0	0.0	0.3	1.7	3.1	4.8	6.5	9.2	11.6
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: P386447
 CATALOG NUMBER: GWC-SA2A-760-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: P386447

CATALOG NUMBER: GWC-SA2A-760-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9
2.5°	2189.0	2173.7	2189.4	2204.8	2211.3	2217.7	2201.0	2183.9	2210.6	2236.9	2243.7
5°	1793.3	1779.3	1789.9	1800.2	1777.3	1754.4	1752.0	1749.2	1769.1	1788.9	1792.0
7.5°	1390.1	1385.7	1395.6	1405.5	1376.4	1347.0	1332.7	1318.3	1323.1	1327.9	1327.2
10°	1036.4	1039.2	1051.5	1063.4	1040.9	1018.3	1008.4	998.5	1009.4	1020.0	1029.9
12.5°	776.4	782.2	795.2	807.8	798.6	789.0	790.0	791.1	803.7	816.0	827.0
15°	603.1	610.0	619.2	628.1	628.4	628.4	637.3	645.8	644.8	643.8	651.3
17.5°	499.2	508.1	509.2	510.2	510.5	510.9	510.2	509.5	504.4	499.2	505.1
20°	427.5	430.6	433.3	435.7	432.6	429.2	420.7	412.1	408.7	405.3	410.7
22.5°	388.9	394.3	391.6	388.5	382.4	375.9	369.4	362.6	362.2	361.5	364.6
25°	356.4	360.9	356.1	351.3	346.8	342.4	338.0	333.5	333.2	332.8	334.2
27.5°	329.4	333.5	329.1	324.6	320.9	317.1	313.7	310.3	309.6	308.9	309.3
30°	306.2	309.9	306.2	302.1	299.3	296.3	293.9	291.5	291.1	290.8	290.8
32.5°	285.3	289.1	286.4	283.6	281.2	278.8	277.1	275.4	273.7	272.0	268.2
35°	267.2	271.0	269.3	267.2	264.5	261.8	258.7	255.3	250.8	246.0	244.0
37.5°	251.8	255.6	253.9	252.2	248.4	244.7	239.2	233.4	232.0	230.3	230.0
40°	239.5	245.4	241.9	238.2	232.4	226.6	223.8	221.1	220.4	219.7	219.0
42.5°	225.9	234.8	228.6	222.5	217.0	211.5	210.8	210.2	209.8	209.5	209.5
45°	208.8	218.4	212.2	205.7	202.6	199.6	199.6	199.6	199.9	199.9	200.6
47.5°	192.7	198.5	195.5	192.4	190.7	189.0	189.3	189.7	190.7	191.4	193.1
50°	179.1	181.1	181.8	182.1	181.1	180.1	180.8	181.1	182.1	182.8	184.2
52.5°	169.1	172.2	172.2	171.9	171.9	171.9	172.6	173.3	174.3	175.3	176.7
55°	162.7	167.1	165.7	164.4	164.7	164.7	165.4	166.1	167.1	167.8	169.8
57.5°	156.5	161.3	159.9	158.6	158.6	158.6	158.9	159.2	160.3	160.9	162.3
60°	149.3	154.1	152.7	151.0	151.4	151.7	152.1	152.1	152.7	153.1	153.1
62.5°	140.8	145.6	144.2	142.5	143.5	144.2	144.2	144.2	144.9	145.2	144.2
65°	131.9	136.3	135.0	133.6	135.0	136.0	136.7	137.0	136.7	136.3	135.3
67.5°	122.3	126.8	125.4	123.7	125.4	126.8	128.1	129.2	128.1	127.1	125.8
70°	112.1	116.5	114.8	113.1	114.8	116.5	117.9	119.3	117.9	116.5	116.2
72.5°	101.1	106.3	104.2	102.2	104.2	106.3	107.0	107.6	106.6	105.6	104.9
75°	89.2	94.3	92.6	90.6	92.3	94.0	94.3	94.7	94.7	94.3	92.3
77.5°	76.5	80.6	79.6	78.6	79.6	80.6	80.6	80.6	81.0	81.0	78.3
80°	61.5	63.9	64.2	64.6	64.9	65.3	64.9	64.6	63.9	63.2	61.5
82.5°	45.8	45.8	48.5	50.9	50.9	50.6	50.2	49.5	48.2	46.5	42.7
85°	29.0	27.3	31.8	35.9	35.9	35.5	34.9	33.8	31.1	28.0	24.9
87.5°	9.9	8.2	12.6	17.1	17.4	17.4	16.7	16.1	13.3	10.3	7.9
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: P386447

CATALOG NUMBER: GWC-SA2A-760-U-SLL

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: P386447

CATALOG NUMBER: GWC-SA2A-760-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9
2.5°	2254.0	2258.4	2262.5	2296.0	2329.1	2368.1	2407.1	2436.8	2466.2	2496.6	2527.0
5°	1802.6	1808.0	1813.5	1854.2	1894.5	1948.8	2003.1	2050.0	2096.8	2151.8	2206.8
7.5°	1336.1	1348.1	1359.7	1403.1	1446.1	1504.6	1562.7	1623.8	1684.7	1756.4	1828.2
10°	1049.4	1072.0	1094.2	1138.6	1183.0	1240.8	1298.2	1362.1	1426.0	1496.7	1567.1
12.5°	849.5	879.6	909.3	962.6	1015.9	1085.0	1153.6	1224.7	1295.4	1357.6	1419.8
15°	671.1	703.9	736.4	792.8	849.2	925.0	1000.5	1078.1	1155.3	1229.8	1304.3
17.5°	523.5	550.5	577.2	625.0	672.5	746.0	819.4	900.8	982.1	1073.0	1163.5
20°	422.4	433.6	444.9	479.4	513.6	573.4	632.9	715.9	798.9	907.6	1016.3
22.5°	370.1	375.9	381.4	398.1	414.5	453.1	491.4	564.9	638.0	756.6	874.8
25°	338.6	343.1	347.5	358.5	369.4	387.8	406.3	457.9	509.5	626.0	742.2
27.5°	310.3	317.1	323.6	328.7	333.5	346.2	358.5	392.3	426.1	534.8	643.1
30°	289.8	292.2	294.6	302.4	309.9	322.9	335.9	359.5	383.1	475.0	566.6
32.5°	265.9	269.3	272.7	280.9	289.1	301.1	313.0	332.1	350.9	429.5	507.8
35°	244.3	247.7	251.2	259.4	267.2	280.2	292.9	308.9	324.6	393.0	461.3
37.5°	231.0	234.4	237.8	245.0	251.8	264.8	277.5	290.1	302.4	365.6	428.9
40°	219.7	223.1	226.6	233.4	239.9	252.5	264.8	275.4	286.0	345.1	404.3
42.5°	209.8	213.6	217.3	224.2	230.7	241.9	253.2	267.2	280.9	327.4	373.5
45°	201.6	205.4	208.8	216.3	223.8	234.8	245.7	265.2	284.7	318.1	351.6
47.5°	194.1	198.2	202.0	210.2	218.4	232.0	245.4	261.8	277.8	311.0	344.1
50°	186.9	191.7	196.5	206.4	216.0	238.9	261.4	263.8	265.9	305.2	344.1
52.5°	180.1	185.6	191.0	203.3	215.3	241.9	268.6	260.0	251.2	294.2	337.3
55°	173.3	178.0	182.5	197.5	212.5	232.0	251.5	240.2	228.6	273.7	318.8
57.5°	164.0	169.1	173.9	190.0	206.1	219.7	233.1	222.8	212.2	250.5	288.4
60°	154.5	160.3	166.1	186.6	206.7	204.3	201.6	199.6	197.2	224.5	251.8
62.5°	145.9	152.1	158.2	184.9	211.5	195.1	178.7	180.4	181.8	202.0	222.1
65°	137.4	143.5	149.3	162.7	176.0	169.5	163.0	165.7	168.1	187.9	207.8
67.5°	127.8	133.3	138.4	142.8	147.3	148.0	148.6	151.4	154.1	177.7	200.9
70°	117.2	121.7	126.1	129.2	131.9	133.3	134.3	137.7	141.1	166.8	192.4
72.5°	105.2	109.0	112.4	115.2	117.9	118.9	119.6	123.0	126.4	153.8	181.1
75°	92.3	95.3	98.1	100.5	102.9	104.2	105.6	108.0	110.4	140.1	169.5
77.5°	77.9	81.0	83.7	85.8	87.5	88.8	89.9	92.9	96.0	121.0	145.6
80°	60.8	64.6	68.0	69.7	71.1	71.4	71.4	74.2	76.9	94.7	112.1
82.5°	43.1	47.2	50.9	52.3	53.6	53.6	53.6	56.7	59.8	71.8	83.4
85°	25.3	29.7	33.8	35.2	36.6	37.2	37.6	39.0	40.0	48.5	56.7
87.5°	7.9	11.6	15.0	15.7	16.4	17.8	19.1	19.5	19.5	25.3	31.1
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



REPORT NUMBER: P386447

CATALOG NUMBER: GWC-SA2A-760-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: P386447

CATALOG NUMBER: GWC-SA2A-760-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9
2.5°	2561.9	2596.7	2637.4	2677.7	2712.2	2746.7	2775.4
5°	2276.9	2346.9	2432.7	2518.1	2594.3	2670.5	2759.0
7.5°	1918.7	2009.3	2120.4	2231.4	2339.1	2446.4	2582.4
10°	1659.4	1751.3	1868.9	1986.1	2107.0	2227.7	2381.4
12.5°	1494.7	1569.2	1683.0	1796.7	1938.9	2080.7	2228.7
15°	1386.0	1467.3	1578.0	1688.8	1844.2	1999.7	2169.9
17.5°	1270.2	1376.4	1518.2	1660.1	1844.2	2028.1	2228.7
20°	1148.9	1281.1	1464.9	1648.8	1896.9	2144.6	2400.6
22.5°	1027.9	1181.0	1416.8	1652.2	1976.5	2300.4	2645.9
25°	918.9	1095.5	1387.4	1678.9	2092.3	2505.5	2934.0
27.5°	836.2	1028.9	1375.4	1721.6	2239.3	2757.0	3247.3
30°	762.7	958.9	1361.1	1763.3	2380.7	2997.9	3492.3
32.5°	699.2	890.5	1333.4	1775.9	2479.5	3183.1	3699.8
35°	649.3	837.2	1286.9	1736.6	2541.3	3346.1	3915.7
37.5°	606.2	783.6	1233.9	1684.3	2596.4	3508.4	4158.7
40°	565.2	726.1	1188.5	1650.5	2672.2	3694.0	4415.3
42.5°	526.2	679.0	1151.9	1624.9	2742.6	3860.0	4639.8
45°	497.2	642.8	1119.5	1595.8	2788.1	3980.3	4809.0
47.5°	482.8	621.2	1102.0	1582.5	2833.5	4084.2	4949.4
50°	480.8	617.5	1121.9	1626.2	2931.9	4237.3	5110.0
52.5°	480.5	623.6	1178.9	1734.2	3114.8	4494.9	5284.0
55°	473.3	627.4	1246.9	1866.1	3360.1	4853.7	5596.6
57.5°	451.4	614.4	1317.0	2019.2	3619.5	5219.4	5949.0
60°	417.6	583.0	1374.7	2166.1	3793.7	5421.0	6084.6
62.5°	375.2	528.0	1393.9	2259.4	3789.0	5318.5	5947.9
65°	339.0	470.2	1331.0	2191.4	3597.3	5002.7	5677.6
67.5°	306.9	412.5	1173.8	1934.8	3252.5	4569.8	5333.9
70°	283.6	374.5	971.2	1567.8	2820.9	4073.6	4935.8
72.5°	268.9	356.4	791.8	1226.8	2289.2	3351.2	4221.9
75°	248.8	328.0	621.2	914.1	1752.0	2589.9	3188.9
77.5°	211.2	276.4	468.2	659.9	1285.5	1910.9	2217.7
80°	163.0	213.6	321.9	430.2	884.7	1339.2	1512.1
82.5°	116.2	149.0	195.1	241.3	587.8	933.9	948.3
85°	71.8	86.8	111.7	136.7	388.9	641.1	534.1
87.5°	38.6	46.1	59.1	71.8	124.4	177.0	101.8
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: P386447

CATALOG NUMBER: GWC-SA2A-760-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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1121 Highway 74 South
Peachtree City, GA 30269

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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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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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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	0.0	0.0	0.0	0.0
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Cooper Lighting Solutions Photometric Lab
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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	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	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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