

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: P386923

Luminaire Tested: **GWC-SA2C-827-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P386923
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-SA2C-827-U-SLL
Description: GALLEON WALL LUMINAIRE
(2) 80 CRI, 2700K, 1050mA 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: 9537 lumens
Efficiency: N/A
Efficacy: 85.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G3

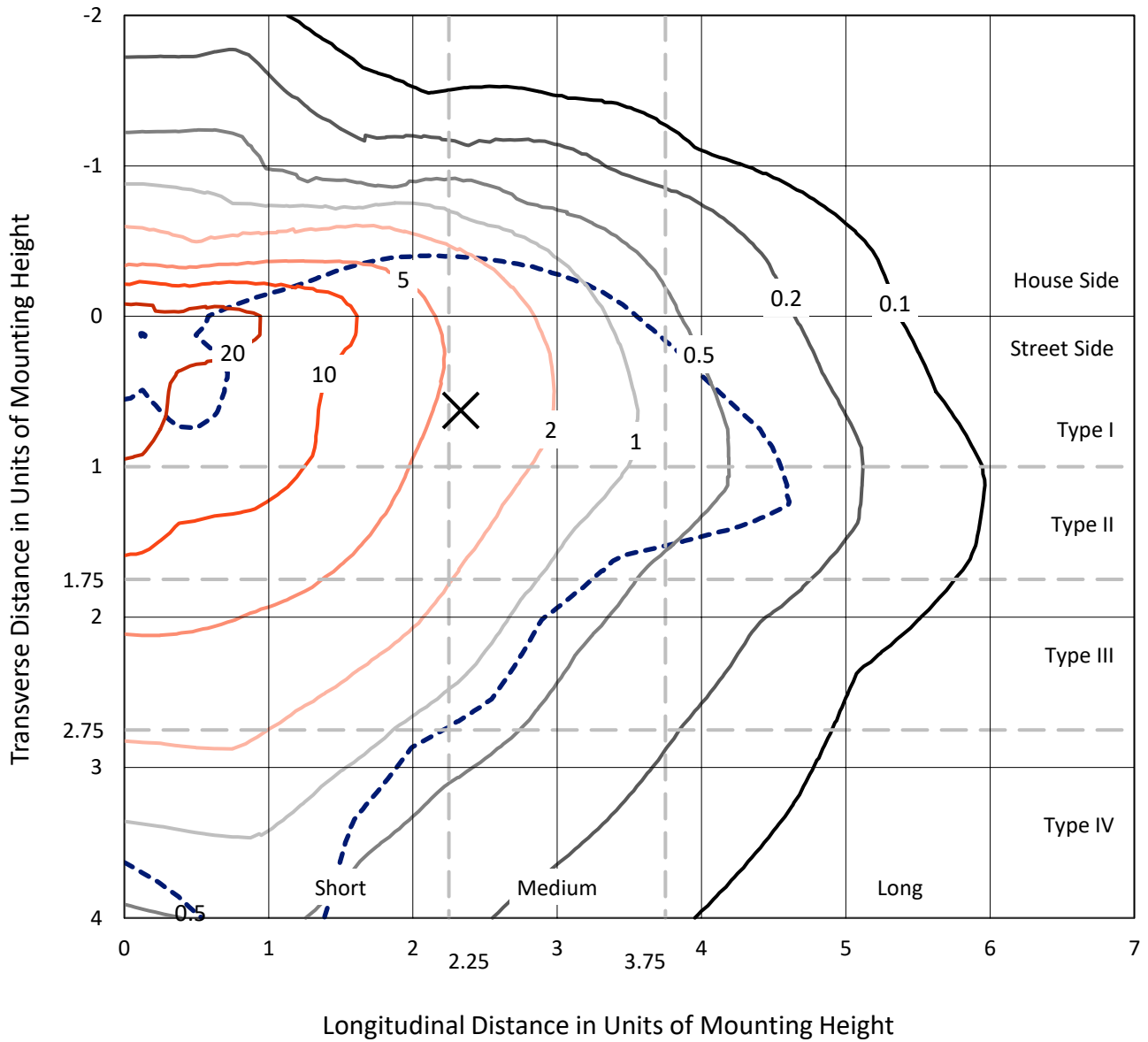
Input Watts (W): 111
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

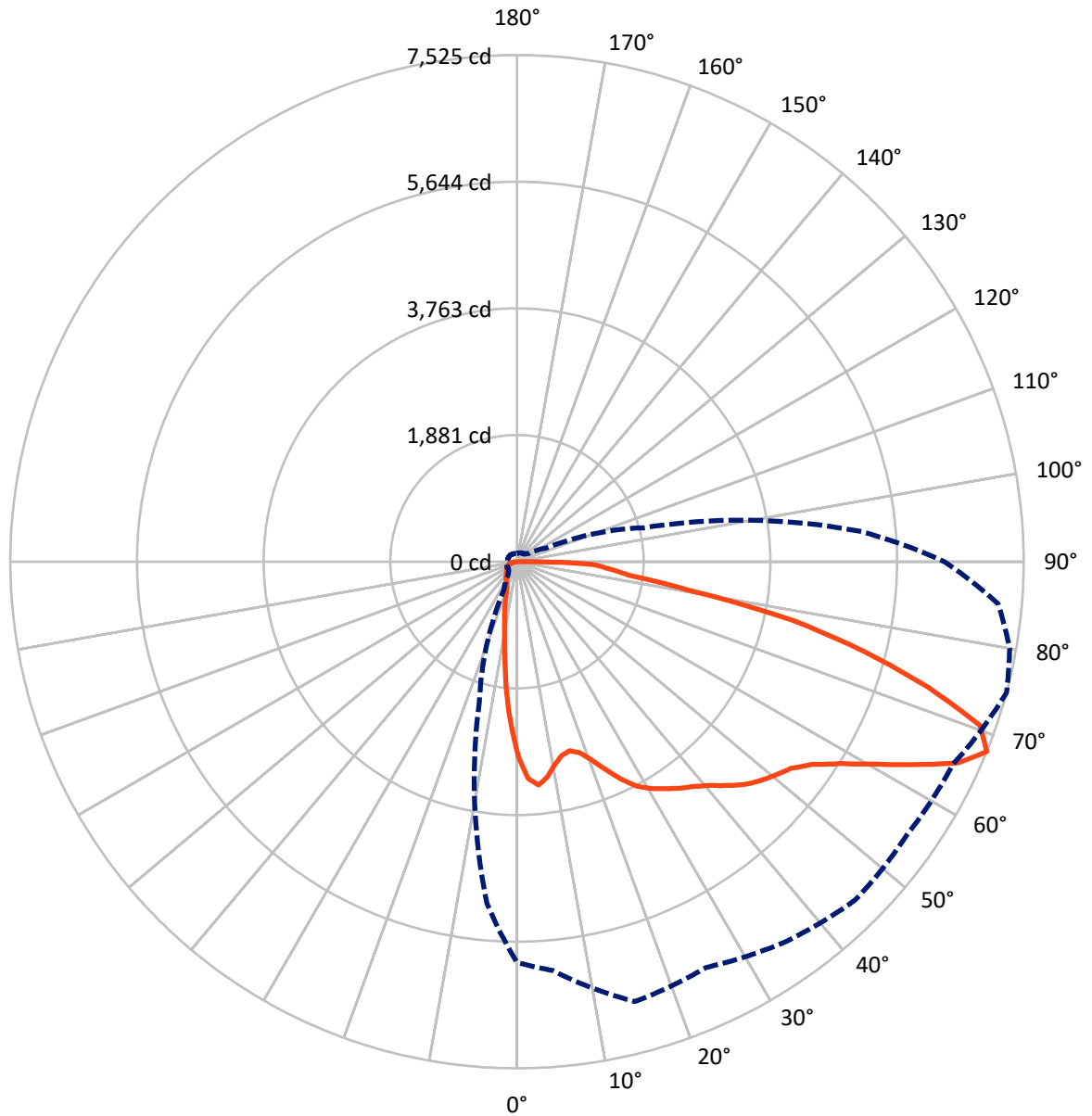
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 36.5 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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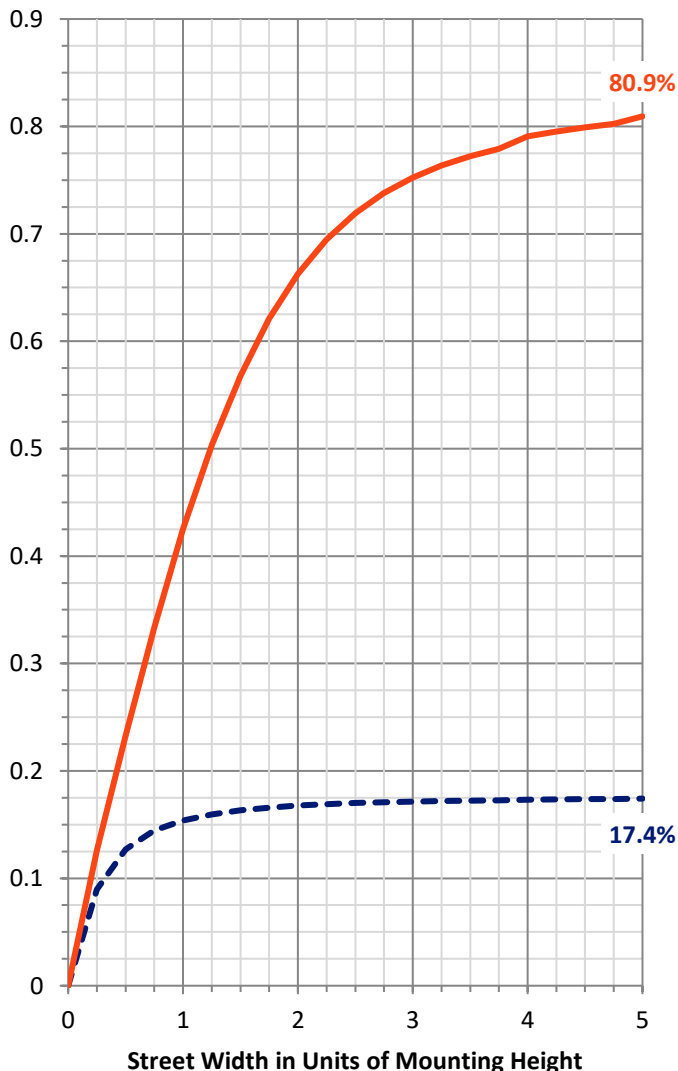
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1679.7	0.0	1679.7
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	7857.3	0.0	7857.3
	% Fixture	82.4	0.0	82.4
Total	Lumens	9537.0	0.0	9537.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	224.2	2.4
10°-20°	465.8	4.9
20°-30°	662.5	6.9
30°-40°	954.7	10.0
40°-50°	1345.4	14.1
50°-60°	1870.4	19.6
60°-70°	2261.8	23.7
70°-80°	1390.3	14.6
80°-90°	361.8	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°	9537.0	100.0
0°-180°	9537.0	100.0

Coefficient of Utilization



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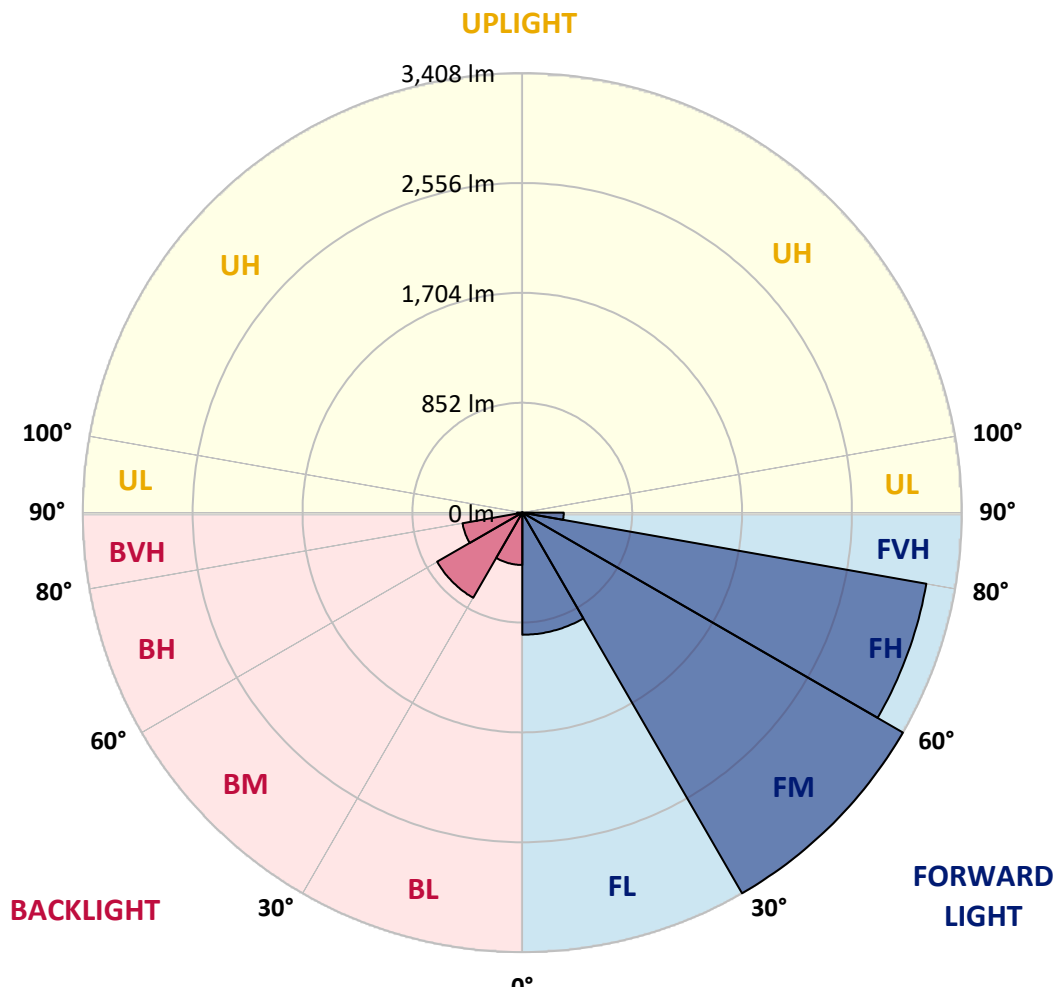
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	946.9	9.9			
FM (30°-60°)	3408.0	35.7			
FH (60°-80°)	3181.2	33.4			G2/5000
FVH (80°-90°)	321.1	3.4			G3/500
BL (0°-30°)	405.7	4.3	B1/500		
BM (30°-60°)	762.5	8.0	B1/1000		
BH (60°-80°)	470.9	4.9	B1/500		G1/500
BVH (80°-90°)	40.7	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°	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5
2.5°	3096.9	3137.7	3165.9	3193.8	3215.5	3236.8	3268.1	3299.4	3305.5	3311.2	3299.0
5°	3078.6	3178.1	3262.8	3347.0	3425.2	3503.4	3550.3	3597.2	3606.7	3616.2	3586.9
7.5°	2881.5	3028.3	3175.1	3321.9	3456.5	3591.1	3673.0	3754.6	3773.3	3791.6	3743.6
10°	2657.3	2828.1	3008.4	3188.8	3366.1	3543.4	3662.0	3780.6	3804.2	3827.9	3768.0
12.5°	2486.8	2673.3	2865.8	3058.4	3245.6	3432.4	3555.2	3678.0	3707.4	3736.7	3693.3
15°	2421.2	2625.6	2806.7	2987.9	3151.0	3313.9	3414.5	3514.8	3527.0	3538.8	3532.0
17.5°	2486.8	2712.2	2876.1	3039.7	3128.6	3217.0	3257.4	3297.5	3310.8	3323.8	3341.3
20°	2678.6	2921.9	3037.4	3152.6	3148.8	3144.6	3125.1	3105.3	3101.9	3098.4	3148.0
22.5°	2952.4	3234.9	3281.1	3326.8	3219.7	3112.5	3047.3	2981.8	2968.8	2955.4	3008.1
25°	3273.8	3574.7	3566.3	3557.5	3353.5	3149.1	3024.8	2900.5	2886.0	2871.6	2916.5
27.5°	3623.5	3911.0	3856.1	3801.2	3524.0	3246.8	3066.4	2886.0	2871.6	2857.1	2896.7
30°	3896.9	4157.7	4069.6	3981.5	3667.7	3353.9	3139.6	2925.3	2901.7	2877.7	2926.5
32.5°	4128.3	4350.2	4232.0	4113.8	3784.4	3454.9	3223.1	2991.3	2954.3	2917.3	2982.5
35°	4369.3	4542.4	4376.2	4209.5	3888.5	3567.0	3321.9	3076.3	3030.9	2985.6	3075.2
37.5°	4640.4	4784.1	4545.5	4306.4	4005.5	3704.7	3469.8	3234.6	3188.0	3141.5	3255.9
40°	4926.8	5046.5	4728.1	4409.7	4133.7	3857.6	3674.6	3491.2	3446.9	3402.3	3541.1
42.5°	5177.3	5264.6	4898.2	4531.7	4288.1	4044.0	3915.2	3785.9	3785.5	3784.8	3925.5
45°	5366.0	5441.9	5040.0	4637.7	4438.7	4239.3	4172.2	4105.1	4158.8	4212.6	4339.9
47.5°	5522.7	5574.2	5159.0	4743.3	4611.0	4478.7	4488.6	4498.6	4608.0	4717.4	4799.4
50°	5701.9	5660.4	5266.9	4873.0	4832.2	4791.4	4880.6	4969.5	5095.3	5220.7	5276.4
52.5°	5896.0	5785.8	5413.3	5040.4	5086.1	5131.9	5313.4	5494.9	5621.9	5748.8	5769.8
55°	6244.9	6076.0	5682.5	5288.6	5376.7	5464.4	5730.9	5997.1	6096.2	6195.3	6203.0
57.5°	6638.0	6488.2	6059.6	5631.0	5725.6	5820.1	6127.8	6435.2	6542.3	6649.1	6634.2
60°	6789.4	6796.6	6417.6	6038.2	6133.6	6228.9	6528.6	6828.3	6951.4	7074.2	7041.4
62.5°	6636.9	6815.7	6613.2	6410.4	6496.9	6583.1	6876.7	7170.3	7296.5	7422.7	7365.5
65°	6335.3	6512.6	6603.3	6694.1	6722.7	6751.3	7025.4	7299.2	7396.0	7492.5	7463.5
67.5°	5951.7	6095.1	6429.8	6764.2	6706.7	6649.1	6777.6	6906.1	7005.6	7105.1	7088.7
70°	5507.5	5678.3	6124.8	6571.3	6288.4	6005.1	5952.1	5899.1	6006.6	6113.7	6047.4
72.5°	4710.9	4968.7	5444.9	5920.8	5399.6	4878.3	4697.2	4516.1	4652.2	4788.3	4682.7
75°	3558.3	3900.3	4426.5	4952.3	4330.4	3708.5	3466.8	3225.0	3342.1	3459.1	3386.7
77.5°	2474.6	2903.6	3421.8	3940.0	3307.8	2675.2	2495.6	2315.6	2350.7	2385.4	2373.2
80°	1687.2	1969.4	2330.9	2692.0	2271.0	1850.1	1864.2	1877.9	1861.5	1844.7	1869.1
82.5°	1058.1	1256.8	1535.9	1814.6	1591.2	1367.7	1495.8	1623.9	1561.0	1497.7	1521.4
85°	596.0	717.2	990.2	1262.9	1177.1	1090.9	1166.0	1240.7	1143.1	1045.5	1088.6
87.5°	113.6	189.1	547.9	906.3	822.8	739.3	642.5	545.6	416.4	287.1	419.4
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):

	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°	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5
2.5°	3286.8	3280.3	3273.8	3250.6	3226.9	3191.8	3162.9	3112.5	3085.1	3043.5	3002.0
5°	3557.1	3516.0	3474.8	3403.8	3332.5	3253.2	3162.1	3061.1	2984.8	2885.7	2786.5
7.5°	3695.5	3599.5	3503.0	3366.9	3230.4	3107.6	2963.4	2829.2	2714.8	2586.0	2457.1
10°	3708.1	3564.0	3419.5	3242.6	3065.3	2916.2	2750.3	2601.2	2463.9	2316.0	2167.7
12.5°	3649.4	3496.1	3342.5	3147.6	2952.4	2783.1	2604.6	2437.6	2285.5	2122.7	1959.5
15°	3525.1	3402.7	3279.9	3097.3	2914.6	2743.8	2570.7	2372.8	2200.9	2034.2	1867.2
17.5°	3358.5	3300.5	3242.2	3110.2	2977.9	2830.0	2662.2	2430.0	2228.7	2047.6	1866.5
20°	3197.2	3218.5	3239.5	3186.9	3134.3	3015.7	2869.3	2608.5	2351.5	2114.7	1877.5
22.5°	3060.3	3162.9	3265.1	3305.9	3346.3	3275.0	3160.6	2859.0	2518.9	2209.6	1900.4
25°	2961.2	3131.2	3301.3	3437.0	3572.4	3540.7	3452.7	3163.2	2740.8	2346.5	1951.9
27.5°	2936.4	3144.9	3353.5	3564.0	3774.1	3803.4	3779.0	3483.9	3005.4	2516.6	2027.4
30°	2975.3	3186.5	3397.4	3653.6	3909.4	4026.5	4059.3	3751.2	3307.8	2714.8	2121.5
32.5°	3047.7	3254.8	3461.8	3740.9	4019.6	4196.6	4301.0	3995.6	3518.6	2864.3	2209.6
35°	3164.8	3358.5	3552.2	3842.7	4133.3	4362.1	4552.7	4248.0	3705.8	2968.8	2231.4
37.5°	3369.9	3536.5	3703.2	3971.6	4239.7	4536.3	4822.7	4526.0	3908.3	3069.4	2230.2
40°	3679.9	3797.7	3915.2	4142.0	4368.5	4741.8	5128.5	4836.0	4132.1	3178.5	2224.9
42.5°	4066.2	4126.8	4187.0	4366.6	4546.2	4956.5	5406.0	5139.1	4345.7	3279.9	2214.2
45°	4466.9	4482.9	4498.9	4612.2	4725.0	5126.6	5595.2	5366.8	4532.1	3368.0	2203.5
47.5°	4881.0	4826.1	4771.2	4816.2	4861.2	5257.0	5730.1	5539.5	4719.3	3465.6	2211.5
50°	5332.1	5179.2	5026.3	5002.6	4979.0	5387.4	5889.1	5759.1	4944.3	3607.8	2271.4
52.5°	5790.4	5538.4	5286.3	5192.9	5099.1	5542.9	6100.0	6032.5	5265.3	3828.2	2390.7
55°	6210.6	5889.9	5569.2	5443.4	5317.6	5780.9	6357.4	6434.0	5676.8	4110.0	2542.9
57.5°	6619.0	6255.6	5892.2	5775.5	5658.8	6130.5	6683.4	6794.4	6092.4	4380.4	2667.9
60°	7008.6	6649.1	6289.1	6195.7	6101.9	6565.2	7035.7	6954.9	6306.7	4506.9	2706.8
62.5°	7308.3	7022.4	6736.4	6687.2	6637.6	7004.8	7306.4	6892.3	6170.5	4382.3	2594.0
65°	7434.6	7271.7	7108.5	7154.7	7200.4	7337.3	7373.9	6709.3	5742.7	4033.0	2323.2
67.5°	7071.9	7105.1	7138.3	7332.0	7525.3	7431.1	7173.4	6348.6	5133.8	3538.1	1942.3
70°	5980.7	6179.7	6378.4	6836.7	7294.6	7085.7	6636.1	5701.2	4400.9	2968.0	1534.7
72.5°	4576.7	4800.5	5024.0	5704.2	6384.1	6191.5	5640.9	4682.7	3528.5	2370.1	1211.4
75°	3313.9	3566.7	3819.1	4569.5	5319.9	5052.6	4219.4	3352.8	2680.1	1809.3	938.0
77.5°	2360.6	2529.9	2699.2	3440.5	4181.3	3745.9	2808.6	2256.1	1855.0	1257.5	659.6
80°	1893.5	1841.7	1789.8	2202.8	2615.7	2543.3	1857.7	1448.9	1283.8	842.7	401.5
82.5°	1544.6	1418.0	1291.5	1485.9	1680.4	1669.7	1289.2	1063.1	955.5	585.7	215.8
85°	1131.3	1080.6	1029.9	1201.9	1373.8	1227.0	873.2	675.7	745.1	431.2	117.4
87.5°	551.7	630.3	708.5	911.3	1113.8	836.2	265.0	131.2	181.5	119.3	56.8
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: P386923
 CATALOG NUMBER: GWC-SA2C-827-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: P386923

CATALOG NUMBER: GWC-SA2C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5
2.5°	2971.1	2939.8	2904.3	2868.9	2828.5	2787.7	2763.6	2739.2	2712.9	2686.6	2656.9
5°	2720.9	2655.4	2581.0	2506.7	2433.1	2359.5	2319.8	2280.2	2238.2	2195.9	2159.3
7.5°	2361.8	2266.1	2163.1	2059.8	1968.3	1876.4	1819.6	1762.4	1710.5	1658.3	1614.4
10°	2045.7	1923.6	1820.3	1716.6	1647.6	1578.6	1526.3	1474.1	1423.8	1373.1	1324.6
12.5°	1837.5	1715.5	1649.9	1584.3	1527.1	1469.9	1409.7	1349.0	1280.0	1210.6	1159.9
15°	1756.3	1645.3	1572.5	1499.3	1422.6	1345.6	1271.6	1197.7	1116.1	1034.5	976.9
17.5°	1721.2	1575.9	1474.1	1371.9	1270.9	1169.8	1084.0	998.2	909.0	819.8	761.5
20°	1684.2	1490.9	1354.4	1217.5	1087.8	958.2	861.0	763.7	684.0	604.4	559.7
22.5°	1650.6	1400.5	1229.3	1057.7	904.4	751.2	655.8	560.1	511.3	462.5	444.6
25°	1636.9	1321.6	1111.1	900.6	739.0	576.9	509.0	441.2	422.5	403.4	394.3
27.5°	1639.2	1251.0	1011.6	771.7	626.1	480.4	433.9	387.4	376.0	364.1	358.4
30°	1648.0	1174.4	917.8	661.2	541.1	421.0	390.8	360.3	348.1	335.9	328.7
32.5°	1657.9	1105.8	845.3	584.5	486.5	388.2	363.4	338.2	326.4	314.6	307.3
35°	1640.7	1049.7	795.8	541.8	451.5	360.7	339.7	318.4	305.4	292.5	285.6
37.5°	1611.7	993.3	757.3	520.9	428.6	335.9	320.7	305.0	291.7	278.0	271.5
40°	1585.4	945.6	728.7	511.3	416.0	320.3	307.3	294.4	280.6	266.5	258.9
42.5°	1564.1	913.6	700.4	487.3	404.6	321.4	303.1	284.4	271.1	257.8	249.4
45°	1548.1	892.6	678.3	464.0	393.9	323.7	300.5	277.2	263.9	250.1	240.2
47.5°	1546.5	881.6	662.7	443.8	373.7	303.1	293.6	284.1	264.6	244.8	233.4
50°	1567.5	863.6	644.4	424.8	354.2	283.7	296.6	309.2	276.1	242.5	228.0
52.5°	1611.4	832.0	615.4	398.8	330.6	262.0	282.2	302.0	273.4	244.4	225.7
55°	1664.4	785.5	571.6	357.3	299.3	241.0	258.9	276.4	258.5	240.2	217.7
57.5°	1697.5	726.8	516.3	305.8	264.2	222.7	233.0	242.9	235.6	228.4	205.5
60°	1677.7	648.6	454.1	259.3	233.4	207.4	205.5	203.2	213.9	224.6	198.3
62.5°	1580.9	567.8	399.2	230.7	211.2	191.4	187.2	182.6	200.2	217.3	189.5
65°	1417.3	511.3	364.5	217.7	196.0	174.3	169.7	165.1	170.4	175.8	162.8
67.5°	1209.5	476.6	344.7	212.8	186.5	159.8	154.4	149.1	147.9	146.8	142.2
70°	995.2	455.3	331.7	208.2	176.2	143.7	138.8	133.8	132.3	130.4	127.0
72.5°	832.0	452.6	330.2	207.8	167.8	127.7	123.2	118.6	116.7	114.4	111.7
75°	681.4	424.8	313.4	202.1	156.3	110.2	106.0	101.8	100.3	98.4	96.1
77.5°	505.6	351.6	263.5	175.4	133.8	92.3	88.1	83.5	83.1	82.4	80.5
80°	327.9	254.3	188.4	122.4	97.6	72.4	69.0	65.2	65.6	66.0	64.4
82.5°	182.3	148.3	115.2	82.0	66.7	51.5	50.0	48.0	49.2	50.0	48.0
85°	96.1	74.7	61.8	48.8	38.5	28.2	28.2	27.8	29.4	30.9	29.4
87.5°	41.6	26.3	22.5	18.3	10.3	1.9	2.3	2.3	3.1	3.8	3.4
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



REPORT NUMBER: P386923

CATALOG NUMBER: GWC-SA2C-827-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: P386923

CATALOG NUMBER: GWC-SA2C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5
2.5°	2626.8	2598.9	2570.7	2539.8	2545.5	2521.9	2498.3	2483.4	2468.5	2463.9	2459.4
5°	2122.7	2091.0	2059.0	2030.4	2055.2	2038.4	2021.6	2019.4	2016.7	2016.7	2016.3
7.5°	1570.6	1536.6	1502.3	1478.7	1503.1	1500.0	1497.0	1513.4	1529.8	1543.1	1556.1
10°	1276.2	1235.0	1193.5	1158.4	1152.3	1134.7	1116.8	1120.6	1124.1	1138.6	1153.0
12.5°	1109.2	1060.0	1010.8	969.6	951.0	922.0	892.6	874.3	856.0	857.9	859.4
15°	918.9	871.3	823.2	787.8	775.9	753.4	730.9	708.1	684.8	675.3	665.4
17.5°	702.7	664.6	626.1	602.5	602.5	596.0	589.5	578.0	566.2	556.7	546.8
20°	515.1	494.9	474.3	464.4	467.5	467.9	467.9	473.6	479.3	476.2	473.2
22.5°	426.3	419.0	411.8	407.6	409.1	409.5	409.9	415.2	420.2	424.0	427.4
25°	384.7	380.2	375.6	374.1	377.5	377.9	377.9	381.3	384.7	388.5	392.4
27.5°	352.3	350.4	348.5	345.8	349.3	349.3	348.9	352.7	356.1	359.6	362.6
30°	321.4	322.2	322.6	321.8	324.1	325.6	326.8	329.4	331.7	334.4	337.1
32.5°	299.7	298.6	297.4	296.6	301.6	304.3	306.9	309.6	311.9	313.0	314.2
35°	278.7	276.1	273.4	271.5	276.1	279.5	282.9	287.9	292.5	293.2	294.0
37.5°	264.6	261.2	257.8	255.5	257.4	258.9	260.4	265.8	271.1	274.2	276.8
40°	251.3	247.8	244.4	242.5	243.6	244.0	244.4	247.1	249.4	255.1	260.4
42.5°	240.6	236.4	232.2	229.9	230.7	231.4	231.8	231.4	231.1	236.4	241.7
45°	229.9	225.3	220.8	218.1	218.5	218.5	218.5	217.7	216.6	219.2	221.9
47.5°	221.5	216.2	210.9	208.2	207.4	206.7	205.9	205.5	204.8	206.7	208.2
50°	213.1	207.4	201.3	198.3	196.4	195.6	194.8	194.5	193.7	195.6	197.1
52.5°	206.7	199.8	192.9	188.0	186.1	184.9	183.8	184.2	184.2	184.9	185.3
55°	195.2	189.1	182.6	179.2	175.8	175.0	174.3	175.4	176.2	176.2	176.2
57.5°	182.6	176.9	170.8	168.5	165.5	165.5	165.1	166.6	167.8	168.5	169.3
60°	171.6	165.1	158.6	156.7	155.6	155.2	154.8	156.7	158.2	159.8	161.3
62.5°	161.3	154.4	147.6	145.3	144.9	145.3	145.3	147.2	148.7	150.2	151.8
65°	149.9	143.0	135.7	133.5	134.2	135.4	136.5	138.0	139.2	140.7	142.2
67.5°	137.3	131.5	125.4	123.2	123.5	125.1	126.6	127.7	128.5	130.0	131.5
70°	123.5	118.6	113.6	112.1	111.7	113.6	115.2	115.9	116.7	118.6	120.1
72.5°	108.7	104.5	100.3	99.1	99.5	100.7	101.8	103.0	103.7	105.6	107.1
75°	93.4	89.6	85.8	85.0	85.8	86.9	88.1	88.8	89.6	91.9	93.8
77.5°	78.5	74.4	69.8	69.4	70.5	71.7	72.4	73.6	74.7	77.8	80.8
80°	62.9	58.3	53.4	53.0	54.1	55.3	56.4	57.6	58.7	62.5	66.0
82.5°	46.1	40.8	35.5	34.7	38.5	39.7	40.8	42.7	44.2	47.7	51.1
85°	27.8	22.5	17.2	16.8	20.2	22.1	24.0	26.3	28.2	31.3	34.3
87.5°	3.1	1.5	0.0	0.0	0.4	1.9	3.4	5.3	7.2	10.3	13.0
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: P386923
 CATALOG NUMBER: GWC-SA2C-827-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: P386923

CATALOG NUMBER: GWC-SA2C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5
2.5°	2442.6	2425.4	2443.0	2460.1	2467.4	2474.6	2455.9	2436.9	2466.6	2496.0	2503.6
5°	2001.1	1985.4	1997.2	2008.7	1983.1	1957.6	1954.9	1951.9	1974.0	1996.1	1999.5
7.5°	1551.1	1546.2	1557.2	1568.3	1535.9	1503.1	1487.1	1471.0	1476.4	1481.7	1481.0
10°	1156.5	1159.5	1173.3	1186.6	1161.4	1136.3	1125.2	1114.2	1126.4	1138.2	1149.2
12.5°	866.3	872.8	887.3	901.4	891.1	880.4	881.6	882.7	896.8	910.5	922.7
15°	673.0	680.6	690.9	700.8	701.2	701.2	711.1	720.7	719.5	718.4	726.8
17.5°	557.1	567.0	568.1	569.3	569.7	570.0	569.3	568.5	562.8	557.1	563.6
20°	477.0	480.4	483.5	486.2	482.7	478.9	469.4	459.8	456.0	452.2	458.3
22.5°	433.9	440.0	437.0	433.5	426.7	419.4	412.2	404.6	404.2	403.4	406.8
25°	397.7	402.7	397.3	392.0	387.0	382.1	377.1	372.1	371.8	371.4	372.9
27.5°	367.6	372.1	367.2	362.2	358.0	353.8	350.0	346.2	345.5	344.7	345.1
30°	341.6	345.8	341.6	337.1	334.0	330.6	327.9	325.2	324.9	324.5	324.5
32.5°	318.4	322.6	319.5	316.5	313.8	311.1	309.2	307.3	305.4	303.5	299.3
35°	298.2	302.4	300.5	298.2	295.1	292.1	288.6	284.8	279.9	274.5	272.2
37.5°	281.0	285.2	283.3	281.4	277.2	273.0	266.9	260.4	258.9	257.0	256.6
40°	267.3	273.8	270.0	265.8	259.3	252.8	249.8	246.7	245.9	245.2	244.4
42.5°	252.0	262.0	255.1	248.2	242.1	236.0	235.3	234.5	234.1	233.7	233.7
45°	233.0	243.6	236.8	229.5	226.1	222.7	222.7	222.7	223.1	223.1	223.8
47.5°	215.1	221.5	218.1	214.7	212.8	210.9	211.2	211.6	212.8	213.5	215.4
50°	199.8	202.1	202.9	203.2	202.1	200.9	201.7	202.1	203.2	204.0	205.5
52.5°	188.7	192.2	192.2	191.8	191.8	191.8	192.6	193.3	194.5	195.6	197.1
55°	181.5	186.5	184.9	183.4	183.8	183.8	184.5	185.3	186.5	187.2	189.5
57.5°	174.6	180.0	178.4	176.9	176.9	176.9	177.3	177.7	178.8	179.6	181.1
60°	166.6	172.0	170.4	168.5	168.9	169.3	169.7	169.7	170.4	170.8	170.8
62.5°	157.1	162.4	160.9	159.0	160.1	160.9	160.9	160.9	161.7	162.1	160.9
65°	147.2	152.1	150.6	149.1	150.6	151.8	152.5	152.9	152.5	152.1	151.0
67.5°	136.5	141.5	139.9	138.0	139.9	141.5	143.0	144.1	143.0	141.8	140.3
70°	125.1	130.0	128.1	126.2	128.1	130.0	131.5	133.1	131.5	130.0	129.6
72.5°	112.9	118.6	116.3	114.0	116.3	118.6	119.3	120.1	119.0	117.8	117.1
75°	99.5	105.2	103.3	101.0	103.0	104.9	105.2	105.6	105.6	105.2	103.0
77.5°	85.4	90.0	88.8	87.7	88.8	90.0	90.0	90.0	90.4	90.4	87.3
80°	68.6	71.3	71.7	72.1	72.4	72.8	72.4	72.1	71.3	70.5	68.6
82.5°	51.1	51.1	54.1	56.8	56.8	56.4	56.1	55.3	53.8	51.9	47.7
85°	32.4	30.5	35.5	40.0	40.0	39.7	38.9	37.7	34.7	31.3	27.8
87.5°	11.1	9.2	14.1	19.1	19.4	19.4	18.7	17.9	14.9	11.4	8.8
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: P386923

CATALOG NUMBER: GWC-SA2C-827-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: P386923

CATALOG NUMBER: GWC-SA2C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5
2.5°	2515.0	2520.0	2524.6	2561.9	2598.9	2642.4	2685.9	2719.0	2751.8	2785.8	2819.7
5°	2011.3	2017.4	2023.5	2068.9	2113.9	2174.5	2235.2	2287.4	2339.6	2401.0	2462.4
7.5°	1490.9	1504.2	1517.2	1565.6	1613.7	1678.9	1743.7	1811.9	1879.8	1959.9	2039.9
10°	1171.0	1196.1	1220.9	1270.5	1320.1	1384.5	1448.6	1519.9	1591.2	1670.1	1748.6
12.5°	947.9	981.5	1014.6	1074.1	1133.6	1210.6	1287.3	1366.6	1445.5	1514.9	1584.3
15°	748.9	785.5	821.7	884.6	947.5	1032.2	1116.4	1203.0	1289.2	1372.3	1455.4
17.5°	584.1	614.3	644.0	697.4	750.4	832.4	914.4	1005.1	1095.9	1197.3	1298.3
20°	471.3	483.9	496.5	535.0	573.1	639.8	706.2	798.8	891.5	1012.7	1134.0
22.5°	412.9	419.4	425.5	444.2	462.5	505.6	548.3	630.3	711.9	844.2	976.1
25°	377.9	382.8	387.8	400.0	412.2	432.8	453.4	510.9	568.5	698.5	828.2
27.5°	346.2	353.8	361.1	366.8	372.1	386.3	400.0	437.7	475.5	596.7	717.6
30°	323.3	326.0	328.7	337.4	345.8	360.3	374.8	401.1	427.4	530.0	632.2
32.5°	296.6	300.5	304.3	313.4	322.6	335.9	349.3	370.6	391.6	479.3	566.6
35°	272.6	276.4	280.3	289.4	298.2	312.7	326.8	344.7	362.2	438.5	514.8
37.5°	257.8	261.6	265.4	273.4	281.0	295.5	309.6	323.7	337.4	408.0	478.5
40°	245.2	249.0	252.8	260.4	267.7	281.8	295.5	307.3	319.1	385.1	451.1
42.5°	234.1	238.3	242.5	250.1	257.4	270.0	282.5	298.2	313.4	365.3	416.8
45°	225.0	229.2	233.0	241.4	249.8	262.0	274.2	295.9	317.6	355.0	392.4
47.5°	216.6	221.2	225.3	234.5	243.6	258.9	273.8	292.1	310.0	347.0	384.0
50°	208.6	213.9	219.2	230.3	241.0	266.5	291.7	294.4	296.6	340.5	384.0
52.5°	200.9	207.0	213.1	226.9	240.2	270.0	299.7	290.2	280.3	328.3	376.3
55°	193.3	198.7	203.6	220.4	237.2	258.9	280.6	268.1	255.1	305.4	355.8
57.5°	183.0	188.7	194.1	212.0	229.9	245.2	260.0	248.6	236.8	279.5	321.8
60°	172.3	178.8	185.3	208.2	230.7	228.0	225.0	222.7	220.0	250.5	281.0
62.5°	162.8	169.7	176.5	206.3	236.0	217.7	199.4	201.3	202.9	225.3	247.8
65°	153.3	160.1	166.6	181.5	196.4	189.1	181.9	184.9	187.6	209.7	231.8
67.5°	142.6	148.7	154.4	159.4	164.3	165.1	165.9	168.9	172.0	198.3	224.2
70°	130.8	135.7	140.7	144.1	147.2	148.7	149.9	153.7	157.5	186.1	214.7
72.5°	117.4	121.6	125.4	128.5	131.5	132.7	133.5	137.3	141.1	171.6	202.1
75°	103.0	106.4	109.4	112.1	114.8	116.3	117.8	120.5	123.2	156.3	189.1
77.5°	86.9	90.4	93.4	95.7	97.6	99.1	100.3	103.7	107.1	135.0	162.4
80°	67.9	72.1	75.9	77.8	79.3	79.7	79.7	82.7	85.8	105.6	125.1
82.5°	48.0	52.6	56.8	58.3	59.9	59.9	59.9	63.3	66.7	80.1	93.0
85°	28.2	33.2	37.7	39.3	40.8	41.6	41.9	43.5	44.6	54.1	63.3
87.5°	8.8	13.0	16.8	17.5	18.3	19.8	21.4	21.7	21.7	28.2	34.7
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: P386923
 CATALOG NUMBER: GWC-SA2C-827-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: P386923

CATALOG NUMBER: GWC-SA2C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5	2905.5
2.5°	2858.6	2897.5	2942.9	2987.9	3026.4	3064.9	3096.9
5°	2540.6	2618.8	2714.5	2809.8	2894.8	2979.8	3078.6
7.5°	2141.0	2242.0	2366.0	2489.9	2610.0	2729.7	2881.5
10°	1851.6	1954.2	2085.3	2216.1	2351.1	2485.7	2657.3
12.5°	1667.8	1750.9	1877.9	2004.9	2163.5	2321.7	2486.8
15°	1546.5	1637.3	1760.8	1884.4	2057.9	2231.4	2421.2
17.5°	1417.3	1535.9	1694.1	1852.3	2057.9	2263.0	2486.8
20°	1281.9	1429.5	1634.6	1839.8	2116.6	2393.0	2678.6
22.5°	1146.9	1317.8	1580.9	1843.6	2205.4	2566.9	2952.4
25°	1025.3	1222.4	1548.1	1873.3	2334.7	2795.7	3273.8
27.5°	933.0	1148.1	1534.7	1921.0	2498.6	3076.3	3623.5
30°	851.1	1069.9	1518.7	1967.5	2656.5	3345.1	3896.9
32.5°	780.1	993.7	1487.8	1981.6	2766.7	3551.8	4128.3
35°	724.5	934.2	1436.0	1937.8	2835.7	3733.7	4369.3
37.5°	676.4	874.3	1376.9	1879.4	2897.1	3914.8	4640.4
40°	630.7	810.3	1326.2	1841.7	2981.8	4121.8	4926.8
42.5°	587.2	757.6	1285.4	1813.1	3060.3	4307.1	5177.3
45°	554.8	717.2	1249.1	1780.7	3111.0	4441.4	5366.0
47.5°	538.8	693.2	1229.7	1765.8	3161.7	4557.3	5522.7
50°	536.5	689.0	1251.8	1814.6	3271.5	4728.1	5701.9
52.5°	536.1	695.9	1315.5	1935.1	3475.5	5015.6	5896.0
55°	528.1	700.1	1391.4	2082.3	3749.3	5416.0	6244.9
57.5°	503.7	685.6	1469.5	2253.1	4038.7	5823.9	6638.0
60°	465.9	650.5	1534.0	2417.0	4233.2	6048.9	6789.4
62.5°	418.7	589.1	1555.3	2521.1	4227.8	5934.5	6636.9
65°	378.2	524.7	1485.2	2445.3	4013.9	5582.2	6335.3
67.5°	342.4	460.2	1309.8	2158.9	3629.2	5099.1	5951.7
70°	316.5	417.9	1083.6	1749.4	3147.6	4545.5	5507.5
72.5°	300.1	397.7	883.5	1368.9	2554.3	3739.4	4710.9
75°	277.6	366.0	693.2	1020.0	1954.9	2889.9	3558.3
77.5°	235.6	308.5	522.4	736.3	1434.4	2132.2	2474.6
80°	181.9	238.3	359.2	480.1	987.2	1494.3	1687.2
82.5°	129.6	166.2	217.7	269.2	655.8	1042.1	1058.1
85°	80.1	96.8	124.7	152.5	433.9	715.3	596.0
87.5°	43.1	51.5	66.0	80.1	138.8	197.5	113.6
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: P386923
 CATALOG NUMBER: GWC-SA2C-827-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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled Data Report



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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	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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Signify Classified - Internal
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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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
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