

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: P386559

Luminaire Tested: **GWC-SA2B-727-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P386559
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-SA2B-727-U-SLL
Description: GALLEON WALL LUMINAIRE
(2) 70 CRI, 2700K, 800mA 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: 8765 lumens
Efficiency: N/A
Efficacy: 101.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G3

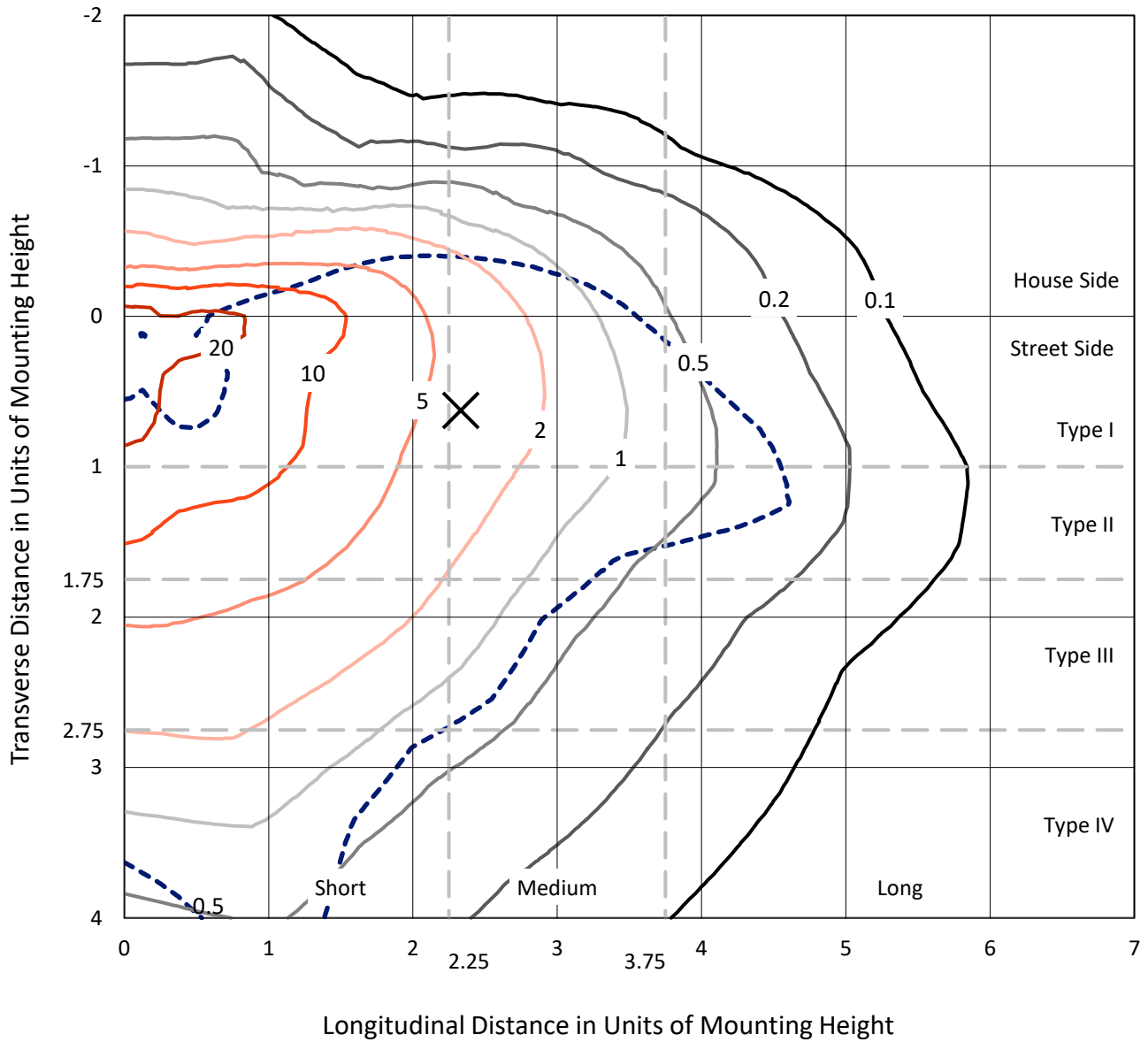
Input Watts (W): 86
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

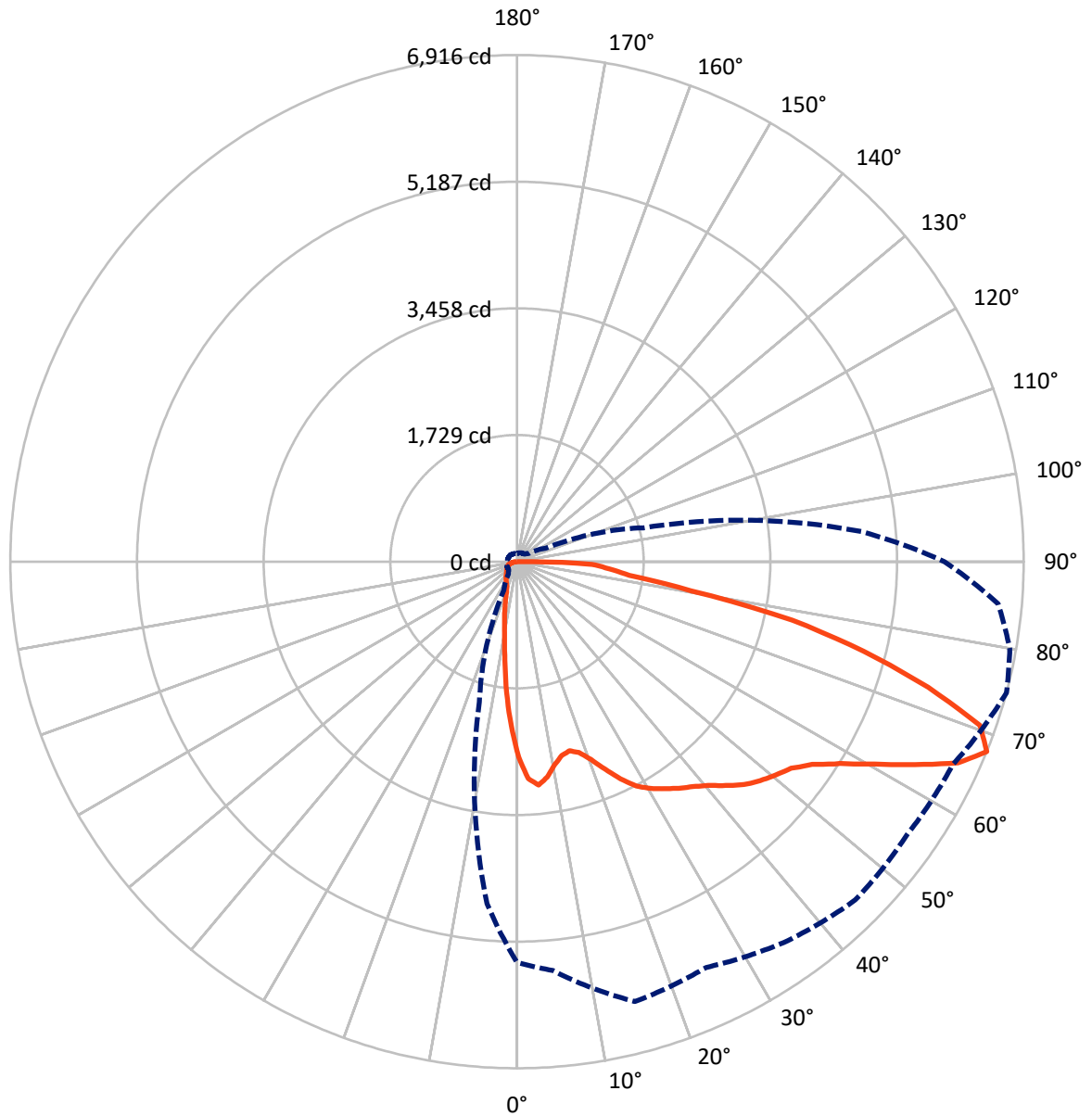
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 33.6 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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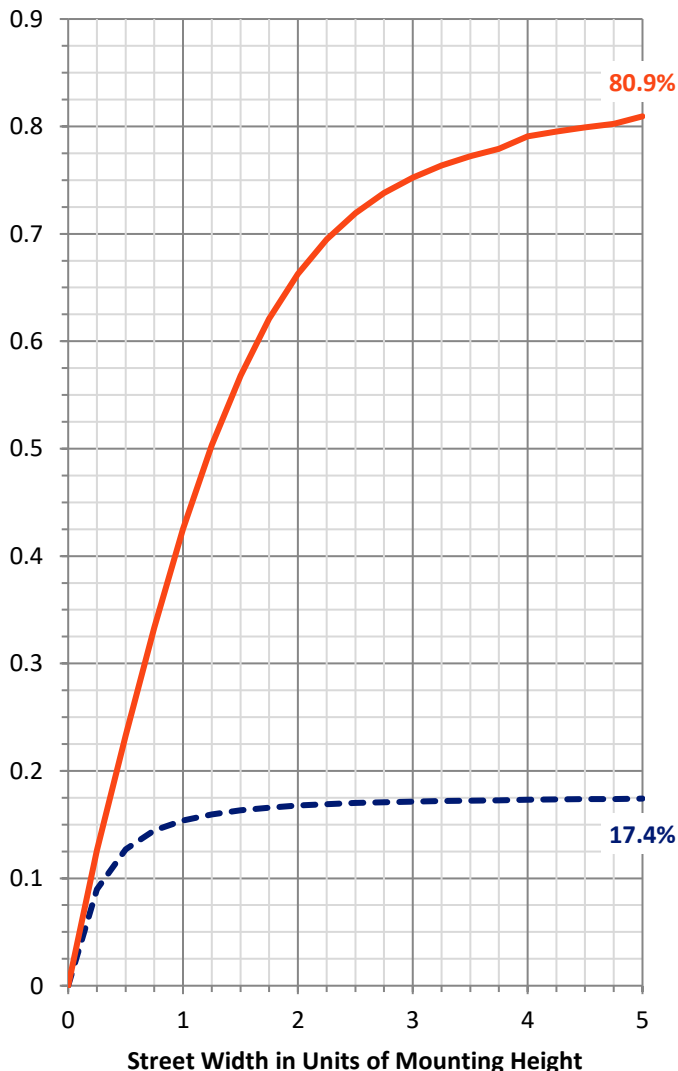
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1543.7	0.0	1543.7
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	7221.3	0.0	7221.3
	% Fixture	82.4	0.0	82.4
Total	Lumens	8765.0	0.0	8765.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	206.1	2.4
10°-20°	428.1	4.9
20°-30°	608.9	6.9
30°-40°	877.4	10.0
40°-50°	1236.5	14.1
50°-60°	1719.0	19.6
60°-70°	2078.7	23.7
70°-80°	1277.8	14.6
80°-90°	332.5	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°	8765.0	100.0
0°-180°	8765.0	100.0

Coefficient of Utilization



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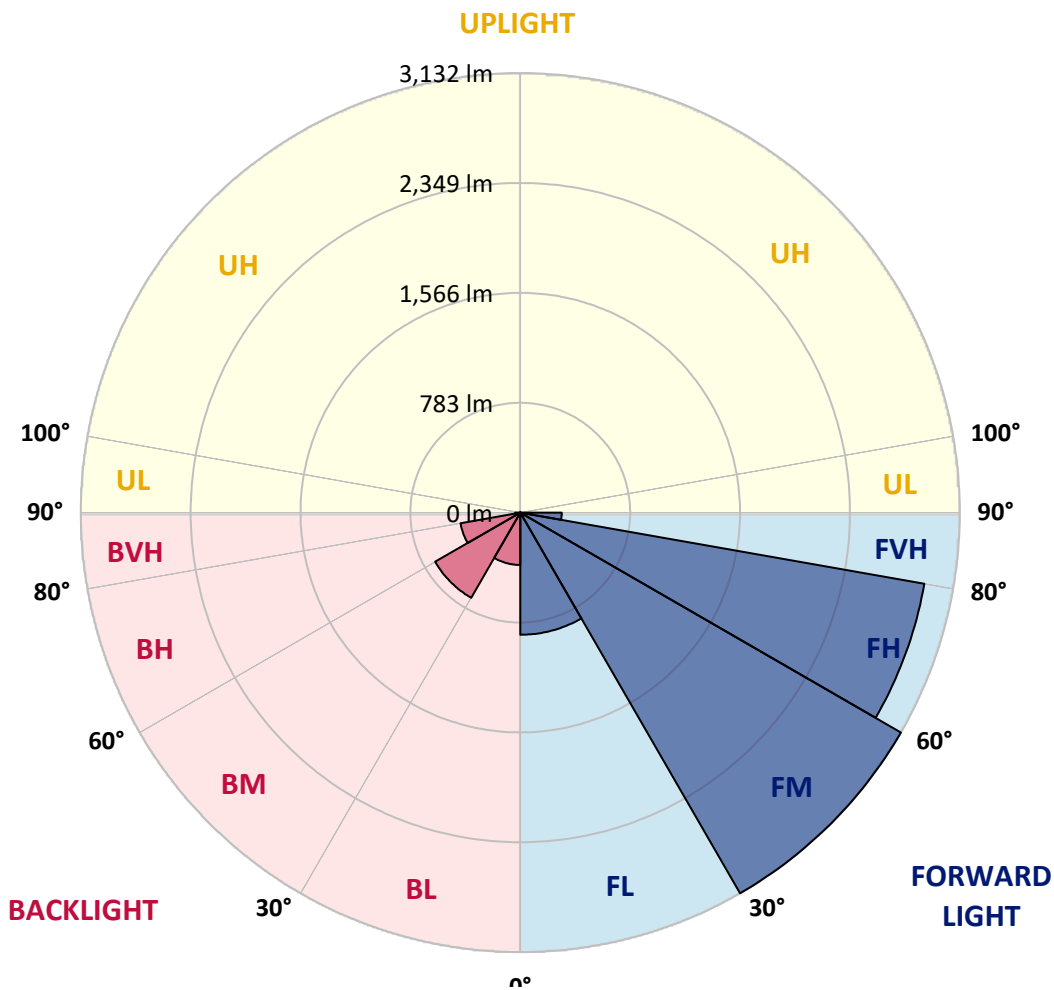
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	870.3	9.9			
FM (30°-60°)	3132.1	35.7			
FH (60°-80°)	2923.7	33.4			G2/5000
FVH (80°-90°)	295.1	3.4			G3/500
BL (0°-30°)	372.8	4.3	B1/500		
BM (30°-60°)	700.7	8.0	B1/1000		
BH (60°-80°)	432.8	4.9	B1/500		G1/500
BVH (80°-90°)	37.4	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°	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3
2.5°	2846.2	2883.7	2909.6	2935.2	2955.2	2974.8	3003.6	3032.3	3037.9	3043.2	3031.9
5°	2829.4	2920.9	2998.7	3076.1	3147.9	3219.8	3262.9	3306.0	3314.7	3323.5	3296.5
7.5°	2648.2	2783.1	2918.1	3053.0	3176.7	3300.4	3375.7	3450.7	3467.9	3484.7	3440.5
10°	2442.2	2599.2	2764.9	2930.7	3093.6	3256.6	3365.6	3474.5	3496.3	3518.0	3463.0
12.5°	2285.5	2456.9	2633.9	2810.8	2982.9	3154.6	3267.4	3380.3	3407.3	3434.2	3394.3
15°	2225.2	2413.1	2579.5	2746.0	2896.0	3045.6	3138.1	3230.3	3241.5	3252.4	3246.1
17.5°	2285.5	2492.6	2643.3	2793.7	2875.3	2956.6	2993.7	3030.5	3042.8	3054.7	3070.8
20°	2461.8	2685.4	2791.5	2897.4	2893.9	2890.0	2872.1	2853.9	2850.8	2847.6	2893.2
22.5°	2713.4	2973.1	3015.5	3057.5	2959.1	2860.6	2800.7	2740.4	2728.5	2716.2	2764.6
25°	3008.8	3285.3	3277.6	3269.5	3082.1	2894.2	2780.0	2665.7	2652.4	2639.1	2680.5
27.5°	3330.2	3594.4	3543.9	3493.5	3238.7	2983.9	2818.2	2652.4	2639.1	2625.8	2662.2
30°	3581.4	3821.1	3740.2	3659.2	3370.8	3082.4	2885.5	2688.5	2666.8	2644.7	2689.6
32.5°	3794.1	3998.1	3889.5	3780.8	3478.0	3175.3	2962.2	2749.1	2715.2	2681.2	2741.1
35°	4015.6	4174.7	4021.9	3868.8	3573.7	3278.3	3053.0	2827.3	2785.6	2743.9	2826.2
37.5°	4264.8	4396.9	4177.5	3957.8	3681.3	3404.8	3188.9	2972.7	2930.0	2887.2	2992.3
40°	4527.9	4638.0	4345.4	4052.8	3799.0	3545.3	3377.1	3208.6	3167.9	3126.9	3254.5
42.5°	4758.2	4838.4	4501.7	4164.9	3941.0	3716.7	3598.2	3479.4	3479.1	3478.4	3607.7
45°	4931.6	5001.4	4632.0	4262.3	4079.4	3896.1	3834.4	3772.8	3822.2	3871.6	3988.6
47.5°	5075.7	5123.0	4741.4	4359.4	4237.8	4116.2	4125.3	4134.4	4235.0	4335.6	4410.9
50°	5240.4	5202.2	4840.5	4478.5	4441.0	4403.5	4485.5	4567.2	4682.8	4798.1	4849.3
52.5°	5418.7	5317.5	4975.1	4632.4	4674.4	4716.5	4883.3	5050.1	5166.8	5283.5	5302.7
55°	5739.4	5584.1	5222.5	4860.5	4941.5	5022.1	5267.0	5511.6	5602.7	5693.8	5700.8
57.5°	6100.7	5963.0	5569.1	5175.2	5262.1	5349.0	5631.8	5914.3	6012.7	6110.8	6097.2
60°	6239.8	6246.5	5898.1	5549.5	5637.1	5724.7	6000.1	6275.6	6388.7	6501.6	6471.4
62.5°	6099.6	6264.0	6077.9	5891.5	5971.0	6050.2	6320.1	6589.9	6705.9	6821.9	6769.3
65°	5822.4	5985.4	6068.8	6152.2	6178.5	6204.8	6456.7	6708.3	6797.3	6886.0	6859.4
67.5°	5469.9	5601.7	5909.3	6216.7	6163.8	6110.8	6228.9	6347.0	6438.5	6530.0	6514.9
70°	5061.7	5218.6	5629.0	6039.4	5779.3	5519.0	5470.3	5421.5	5520.4	5618.8	5557.9
72.5°	4329.6	4566.5	5004.2	5441.5	4962.5	4483.4	4317.0	4150.5	4275.6	4400.7	4303.7
75°	3270.2	3584.6	4068.2	4551.4	3979.9	3408.3	3186.1	2964.0	3071.5	3179.1	3112.5
77.5°	2274.3	2668.5	3144.8	3621.0	3040.0	2458.6	2293.6	2128.2	2160.4	2192.3	2181.1
80°	1550.7	1810.0	2142.2	2474.1	2087.2	1700.3	1713.3	1725.9	1710.8	1695.4	1717.8
82.5°	972.5	1155.0	1411.5	1667.7	1462.4	1257.0	1374.7	1492.5	1434.7	1376.5	1398.2
85°	547.7	659.2	910.1	1160.6	1081.8	1002.6	1071.6	1140.3	1050.6	960.9	1000.5
87.5°	104.4	173.8	503.6	833.0	756.2	679.5	590.5	501.5	382.7	263.9	385.5
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°	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3
2.5°	3020.7	3014.8	3008.8	2987.4	2965.7	2933.5	2906.8	2860.6	2835.4	2797.2	2759.0
5°	3269.2	3231.3	3193.5	3128.3	3062.8	2989.9	2906.1	2813.3	2743.2	2652.1	2561.0
7.5°	3396.4	3308.1	3219.4	3094.3	2968.9	2856.0	2723.6	2600.2	2495.1	2376.6	2258.2
10°	3408.0	3275.5	3142.7	2980.1	2817.1	2680.1	2527.7	2390.7	2264.5	2128.5	1992.2
12.5°	3354.0	3213.1	3071.9	2892.8	2713.4	2557.8	2393.8	2240.3	2100.5	1950.9	1800.9
15°	3239.8	3127.3	3014.4	2846.6	2678.7	2521.7	2362.6	2180.7	2022.7	1869.6	1716.1
17.5°	3086.6	3033.3	2979.7	2858.5	2736.9	2600.9	2446.7	2233.3	2048.3	1881.8	1715.4
20°	2938.4	2958.0	2977.3	2928.9	2880.6	2771.6	2637.0	2397.3	2161.1	1943.5	1725.5
22.5°	2812.6	2906.8	3000.8	3038.3	3075.4	3009.9	2904.7	2627.5	2315.0	2030.8	1746.6
25°	2721.5	2877.8	3034.0	3158.8	3283.2	3254.1	3173.2	2907.2	2518.9	2156.6	1793.9
27.5°	2698.7	2890.4	3082.1	3275.5	3468.6	3495.6	3473.1	3201.9	2762.1	2312.9	1863.3
30°	2734.4	2928.6	3122.4	3357.8	3593.0	3700.6	3730.7	3447.6	3040.0	2495.1	1949.8
32.5°	2801.0	2991.3	3181.6	3438.1	3694.3	3856.9	3952.9	3672.2	3233.8	2632.5	2030.8
35°	2908.6	3086.6	3264.6	3531.7	3798.7	4009.0	4184.2	3904.2	3405.9	2728.5	2050.7
37.5°	3097.1	3250.3	3403.4	3650.1	3896.5	4169.1	4432.3	4159.6	3591.9	2821.0	2049.7
40°	3382.0	3490.3	3598.2	3806.8	4014.9	4358.0	4713.3	4444.5	3797.6	2921.2	2044.8
42.5°	3737.0	3792.7	3848.1	4013.2	4178.2	4555.3	4968.4	4723.1	3993.9	3014.4	2035.0
45°	4105.3	4120.0	4134.8	4238.8	4342.6	4711.6	5142.3	4932.3	4165.2	3095.4	2025.2
47.5°	4485.9	4435.4	4385.0	4426.3	4467.7	4831.4	5266.3	5091.1	4337.3	3185.1	2032.5
50°	4900.5	4759.9	4619.4	4597.7	4576.0	4951.3	5412.4	5292.9	4544.1	3315.8	2087.5
52.5°	5321.7	5090.0	4858.4	4772.5	4686.3	5094.2	5606.2	5544.2	4839.1	3518.3	2197.2
55°	5707.9	5413.1	5118.4	5002.8	4887.1	5312.9	5842.8	5913.2	5217.2	3777.3	2337.0
57.5°	6083.2	5749.2	5415.2	5308.0	5200.8	5634.3	6142.4	6244.4	5599.2	4025.8	2452.0
60°	6441.3	6110.8	5780.0	5694.2	5608.0	6033.8	6466.2	6391.9	5796.2	4142.1	2487.7
62.5°	6716.7	6453.9	6191.1	6145.9	6100.3	6437.8	6715.0	6334.4	5671.1	4027.5	2384.0
65°	6832.7	6683.1	6533.1	6575.5	6617.6	6743.4	6777.0	6166.2	5277.9	3706.5	2135.2
67.5°	6499.5	6530.0	6560.5	6738.5	6916.1	6829.6	6592.7	5834.7	4718.2	3251.7	1785.1
70°	5496.5	5679.5	5862.0	6283.3	6704.1	6512.1	6098.9	5239.7	4044.7	2727.8	1410.5
72.5°	4206.2	4411.9	4617.3	5242.5	5867.3	5690.3	5184.3	4303.7	3242.9	2178.3	1113.3
75°	3045.6	3277.9	3509.9	4199.6	4889.2	4643.6	3877.9	3081.4	2463.2	1662.8	862.1
77.5°	2169.5	2325.1	2480.7	3162.0	3842.8	3442.7	2581.3	2073.5	1704.9	1155.7	606.2
80°	1740.2	1692.6	1644.9	2024.5	2404.0	2337.4	1707.3	1331.6	1179.9	774.5	369.0
82.5°	1419.6	1303.3	1186.9	1365.6	1544.4	1534.5	1184.8	977.0	878.2	538.3	198.3
85°	1039.7	993.1	946.5	1104.6	1262.6	1127.7	802.5	621.0	684.7	396.3	107.9
87.5°	507.1	579.3	651.1	837.5	1023.6	768.5	243.6	120.5	166.8	109.7	52.2
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: P386559
 CATALOG NUMBER: GWC-SA2B-727-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: P386559

CATALOG NUMBER: GWC-SA2B-727-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3
2.5°	2730.6	2701.8	2669.2	2636.7	2599.5	2562.0	2539.9	2517.5	2493.3	2469.1	2441.8
5°	2500.7	2440.4	2372.1	2303.7	2236.1	2168.5	2132.0	2095.6	2057.0	2018.1	1984.5
7.5°	2170.6	2082.6	1988.0	1893.0	1808.9	1724.5	1672.3	1619.7	1572.0	1524.0	1483.7
10°	1880.1	1767.9	1673.0	1577.6	1514.2	1450.8	1402.8	1354.8	1308.5	1261.9	1217.4
12.5°	1688.7	1576.6	1516.3	1456.0	1403.5	1350.9	1295.6	1239.8	1176.4	1112.6	1066.0
15°	1614.1	1512.1	1445.2	1377.9	1307.5	1236.7	1168.7	1100.7	1025.7	950.7	897.8
17.5°	1581.9	1448.3	1354.8	1260.9	1168.0	1075.1	996.3	917.4	835.4	753.4	699.8
20°	1547.9	1370.2	1244.7	1118.9	999.8	880.6	791.3	701.9	628.7	555.4	514.4
22.5°	1517.0	1287.1	1129.8	972.1	831.2	690.4	602.7	514.8	469.9	425.1	408.6
25°	1504.4	1214.6	1021.2	827.7	679.1	530.2	467.8	405.5	388.3	370.8	362.3
27.5°	1506.5	1149.8	929.7	709.3	575.4	441.5	398.8	356.0	345.5	334.7	329.4
30°	1514.6	1079.3	843.5	607.7	497.3	386.9	359.2	331.2	319.9	308.7	302.1
32.5°	1523.7	1016.3	776.9	537.2	447.2	356.7	334.0	310.8	300.0	289.1	282.4
35°	1507.9	964.7	731.4	498.0	414.9	331.5	312.2	292.6	280.7	268.8	262.5
37.5°	1481.3	912.9	696.0	478.7	393.9	308.7	294.7	280.3	268.1	255.5	249.5
40°	1457.1	869.1	669.7	469.9	382.3	294.4	282.4	270.5	257.9	245.0	237.9
42.5°	1437.5	839.6	643.7	447.9	371.8	295.4	278.6	261.4	249.2	236.9	229.2
45°	1422.8	820.4	623.4	426.5	362.0	297.5	276.1	254.8	242.5	229.9	220.8
47.5°	1421.4	810.2	609.1	407.9	343.4	278.6	269.8	261.1	243.2	225.0	214.5
50°	1440.6	793.7	592.2	390.4	325.6	260.7	272.6	284.2	253.7	222.9	209.6
52.5°	1480.9	764.6	565.6	366.6	303.8	240.7	259.3	277.5	251.3	224.6	207.5
55°	1529.6	721.9	525.3	328.4	275.1	221.5	237.9	254.1	237.6	220.8	200.1
57.5°	1560.1	667.9	474.5	281.0	242.8	204.7	214.1	223.2	216.6	209.9	188.9
60°	1541.9	596.1	417.4	238.3	214.5	190.6	188.9	186.8	196.6	206.4	182.2
62.5°	1452.9	521.8	366.9	212.0	194.1	175.9	172.1	167.9	184.0	199.7	174.2
65°	1302.6	469.9	335.0	200.1	180.1	160.1	155.9	151.7	156.6	161.5	149.6
67.5°	1111.6	438.0	316.8	195.5	171.4	146.8	141.9	137.0	136.0	134.9	130.7
70°	914.6	418.4	304.9	191.3	161.9	132.1	127.6	123.0	121.6	119.8	116.7
72.5°	764.6	416.0	303.5	191.0	154.2	117.4	113.2	109.0	107.2	105.1	102.7
75°	626.2	390.4	288.1	185.7	143.7	101.3	97.4	93.6	92.2	90.4	88.3
77.5°	464.7	323.1	242.1	161.2	123.0	84.8	80.9	76.7	76.4	75.7	73.9
80°	301.4	233.7	173.1	112.5	89.7	66.6	63.4	59.9	60.3	60.6	59.2
82.5°	167.5	136.3	105.8	75.3	61.3	47.3	45.9	44.2	45.2	45.9	44.2
85°	88.3	68.7	56.8	44.9	35.4	25.9	25.9	25.6	27.0	28.4	27.0
87.5°	38.2	24.2	20.7	16.8	9.5	1.8	2.1	2.1	2.8	3.5	3.2
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: P386559
 CATALOG NUMBER: GWC-SA2B-727-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: P386559

CATALOG NUMBER: GWC-SA2B-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3
2.5°	2414.1	2388.6	2362.6	2334.2	2339.5	2317.8	2296.0	2282.4	2268.7	2264.5	2260.3
5°	1950.9	1921.8	1892.3	1866.1	1888.8	1873.4	1858.0	1855.9	1853.4	1853.4	1853.1
7.5°	1443.4	1412.2	1380.7	1359.0	1381.4	1378.6	1375.8	1390.9	1405.9	1418.2	1430.1
10°	1172.9	1135.1	1096.9	1064.6	1059.0	1042.9	1026.4	1029.9	1033.1	1046.4	1059.7
12.5°	1019.4	974.2	929.0	891.2	874.0	847.3	820.4	803.5	786.7	788.5	789.9
15°	844.5	800.7	756.6	724.0	713.1	692.5	671.8	650.8	629.4	620.6	611.5
17.5°	645.8	610.8	575.4	553.7	553.7	547.7	541.8	531.3	520.4	511.6	502.5
20°	473.4	454.9	435.9	426.8	429.6	430.0	430.0	435.2	440.5	437.7	434.9
22.5°	391.8	385.1	378.5	374.6	376.0	376.4	376.7	381.6	386.2	389.7	392.8
25°	353.6	349.4	345.2	343.8	346.9	347.3	347.3	350.4	353.6	357.1	360.6
27.5°	323.8	322.0	320.3	317.8	321.0	321.0	320.6	324.2	327.3	330.5	333.3
30°	295.4	296.1	296.5	295.8	297.9	299.3	300.3	302.8	304.9	307.3	309.8
32.5°	275.4	274.4	273.3	272.6	277.2	279.6	282.1	284.6	286.7	287.7	288.8
35°	256.2	253.7	251.3	249.5	253.7	256.9	260.0	264.6	268.8	269.5	270.2
37.5°	243.2	240.0	236.9	234.8	236.5	237.9	239.3	244.3	249.2	252.0	254.4
40°	230.9	227.8	224.6	222.9	223.9	224.3	224.6	227.1	229.2	234.4	239.3
42.5°	221.1	217.3	213.4	211.3	212.0	212.7	213.1	212.7	212.4	217.3	222.2
45°	211.3	207.1	202.9	200.4	200.8	200.8	200.8	200.1	199.0	201.5	204.0
47.5°	203.6	198.7	193.8	191.3	190.6	189.9	189.2	188.9	188.2	189.9	191.3
50°	195.9	190.6	185.0	182.2	180.5	179.8	179.1	178.7	178.0	179.8	181.2
52.5°	189.9	183.6	177.3	172.8	171.0	170.0	168.9	169.3	169.3	170.0	170.3
55°	179.4	173.8	167.9	164.7	161.5	160.8	160.1	161.2	161.9	161.9	161.9
57.5°	167.9	162.6	157.0	154.9	152.1	152.1	151.7	153.1	154.2	154.9	155.6
60°	157.7	151.7	145.8	144.0	143.0	142.6	142.3	144.0	145.4	146.8	148.2
62.5°	148.2	141.9	135.6	133.5	133.2	133.5	133.5	135.3	136.7	138.1	139.5
65°	137.7	131.4	124.8	122.7	123.4	124.4	125.5	126.9	127.9	129.3	130.7
67.5°	126.2	120.9	115.3	113.2	113.5	114.9	116.3	117.4	118.1	119.5	120.9
70°	113.5	109.0	104.4	103.0	102.7	104.4	105.8	106.5	107.2	109.0	110.4
72.5°	99.9	96.0	92.2	91.1	91.5	92.5	93.6	94.6	95.3	97.1	98.5
75°	85.9	82.4	78.8	78.1	78.8	79.9	80.9	81.7	82.4	84.5	86.2
77.5°	72.2	68.3	64.1	63.8	64.8	65.9	66.6	67.6	68.7	71.5	74.3
80°	57.8	53.6	49.1	48.7	49.8	50.8	51.9	52.9	54.0	57.5	60.6
82.5°	42.4	37.5	32.6	31.9	35.4	36.4	37.5	39.2	40.7	43.8	47.0
85°	25.6	20.7	15.8	15.4	18.6	20.3	22.1	24.2	25.9	28.7	31.5
87.5°	2.8	1.4	0.0	0.0	0.4	1.8	3.2	4.9	6.7	9.5	11.9
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: P386559
 CATALOG NUMBER: GWC-SA2B-727-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: P386559
 CATALOG NUMBER: GWC-SA2B-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3
2.5°	2244.9	2229.1	2245.2	2261.0	2267.7	2274.3	2257.1	2239.6	2267.0	2293.9	2300.9
5°	1839.1	1824.7	1835.6	1846.1	1822.6	1799.1	1796.7	1793.9	1814.2	1834.5	1837.7
7.5°	1425.6	1421.0	1431.2	1441.3	1411.5	1381.4	1366.7	1352.0	1356.9	1361.8	1361.1
10°	1062.9	1065.7	1078.3	1090.5	1067.4	1044.3	1034.1	1024.0	1035.2	1046.0	1056.2
12.5°	796.2	802.1	815.5	828.4	819.0	809.1	810.2	811.3	824.2	836.8	848.0
15°	618.5	625.5	635.0	644.1	644.4	644.4	653.6	662.3	661.3	660.2	667.9
17.5°	512.0	521.1	522.1	523.2	523.5	523.9	523.2	522.5	517.2	512.0	517.9
20°	438.4	441.5	444.3	446.8	443.6	440.1	431.4	422.6	419.1	415.6	421.2
22.5°	398.8	404.4	401.6	398.4	392.1	385.5	378.8	371.8	371.5	370.8	373.9
25°	365.5	370.1	365.2	360.2	355.7	351.1	346.6	342.0	341.7	341.3	342.7
27.5°	337.8	342.0	337.5	332.9	329.1	325.2	321.7	318.2	317.5	316.8	317.1
30°	314.0	317.8	314.0	309.8	307.0	303.8	301.4	298.9	298.6	298.2	298.2
32.5°	292.6	296.5	293.7	290.9	288.4	286.0	284.2	282.4	280.7	278.9	275.1
35°	274.0	277.9	276.1	274.0	271.2	268.4	265.3	261.8	257.2	252.3	250.2
37.5°	258.3	262.1	260.4	258.6	254.8	250.9	245.3	239.3	237.9	236.2	235.8
40°	245.7	251.6	248.1	244.3	238.3	232.3	229.5	226.7	226.0	225.3	224.6
42.5°	231.6	240.7	234.4	228.1	222.5	216.9	216.2	215.5	215.2	214.8	214.8
45°	214.1	223.9	217.6	211.0	207.8	204.7	204.7	204.7	205.0	205.0	205.7
47.5°	197.6	203.6	200.4	197.3	195.5	193.8	194.1	194.5	195.5	196.2	198.0
50°	183.6	185.7	186.4	186.8	185.7	184.7	185.4	185.7	186.8	187.5	188.9
52.5°	173.5	176.6	176.6	176.3	176.3	176.3	177.0	177.7	178.7	179.8	181.2
55°	166.8	171.4	170.0	168.6	168.9	168.9	169.6	170.3	171.4	172.1	174.2
57.5°	160.5	165.4	164.0	162.6	162.6	162.6	163.0	163.3	164.4	165.1	166.5
60°	153.1	158.0	156.6	154.9	155.2	155.6	155.9	155.9	156.6	157.0	157.0
62.5°	144.4	149.3	147.9	146.1	147.2	147.9	147.9	147.9	148.6	148.9	147.9
65°	135.3	139.8	138.4	137.0	138.4	139.5	140.2	140.5	140.2	139.8	138.8
67.5°	125.5	130.0	128.6	126.9	128.6	130.0	131.4	132.5	131.4	130.4	129.0
70°	114.9	119.5	117.7	116.0	117.7	119.5	120.9	122.3	120.9	119.5	119.1
72.5°	103.7	109.0	106.9	104.8	106.9	109.0	109.7	110.4	109.3	108.3	107.6
75°	91.5	96.7	95.0	92.9	94.6	96.4	96.7	97.1	97.1	96.7	94.6
77.5°	78.5	82.7	81.7	80.6	81.7	82.7	82.7	82.7	83.1	83.1	80.2
80°	63.1	65.5	65.9	66.2	66.6	66.9	66.6	66.2	65.5	64.8	63.1
82.5°	47.0	47.0	49.8	52.2	52.2	51.9	51.5	50.8	49.4	47.7	43.8
85°	29.8	28.0	32.6	36.8	36.8	36.4	35.7	34.7	31.9	28.7	25.6
87.5°	10.2	8.4	13.0	17.5	17.9	17.9	17.2	16.5	13.7	10.5	8.1
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: P386559
 CATALOG NUMBER: GWC-SA2B-727-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: P386559

CATALOG NUMBER: GWC-SA2B-727-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3
2.5°	2311.5	2316.0	2320.2	2354.6	2388.6	2428.5	2468.4	2498.9	2529.1	2560.3	2591.5
5°	1848.5	1854.1	1859.7	1901.4	1942.8	1998.5	2054.2	2102.2	2150.3	2206.7	2263.1
7.5°	1370.2	1382.5	1394.4	1438.9	1483.0	1543.0	1602.5	1665.3	1727.6	1801.2	1874.8
10°	1076.2	1099.3	1122.1	1167.6	1213.2	1272.4	1331.3	1396.8	1462.4	1534.9	1607.1
12.5°	871.2	902.0	932.5	987.2	1041.8	1112.6	1183.1	1256.0	1328.5	1392.3	1456.0
15°	688.3	721.9	755.2	813.0	870.8	948.6	1026.1	1105.6	1184.8	1261.2	1337.6
17.5°	536.9	564.5	591.9	640.9	689.7	765.0	840.3	923.7	1007.1	1100.4	1193.2
20°	433.1	444.7	456.3	491.7	526.7	588.0	649.0	734.2	819.3	930.7	1042.2
22.5°	379.5	385.5	391.1	408.3	425.1	464.7	503.9	579.3	654.3	775.9	897.1
25°	347.3	351.8	356.4	367.6	378.8	397.7	416.7	469.6	522.5	642.0	761.1
27.5°	318.2	325.2	331.9	337.1	342.0	355.0	367.6	402.3	437.0	548.4	659.5
30°	297.2	299.6	302.1	310.1	317.8	331.2	344.5	368.7	392.8	487.1	581.0
32.5°	272.6	276.1	279.6	288.1	296.5	308.7	321.0	340.6	359.9	440.5	520.7
35°	250.6	254.1	257.6	266.0	274.0	287.4	300.3	316.8	332.9	403.0	473.1
37.5°	236.9	240.4	243.9	251.3	258.3	271.6	284.6	297.5	310.1	375.0	439.8
40°	225.3	228.8	232.3	239.3	246.0	259.0	271.6	282.4	293.3	353.9	414.6
42.5°	215.2	219.0	222.9	229.9	236.5	248.1	259.7	274.0	288.1	335.7	383.0
45°	206.8	210.6	214.1	221.8	229.5	240.7	252.0	271.9	291.9	326.3	360.6
47.5°	199.0	203.3	207.1	215.5	223.9	237.9	251.6	268.4	284.9	318.9	352.9
50°	191.7	196.6	201.5	211.7	221.5	245.0	268.1	270.5	272.6	312.9	352.9
52.5°	184.7	190.3	195.9	208.5	220.8	248.1	275.4	266.7	257.6	301.7	345.9
55°	177.7	182.6	187.1	202.6	218.0	237.9	257.9	246.4	234.4	280.7	327.0
57.5°	168.2	173.5	178.4	194.8	211.3	225.3	239.0	228.5	217.6	256.9	295.8
60°	158.4	164.4	170.3	191.3	212.0	209.6	206.8	204.7	202.2	230.2	258.3
62.5°	149.6	155.9	162.3	189.6	216.9	200.1	183.3	185.0	186.4	207.1	227.8
65°	140.9	147.2	153.1	166.8	180.5	173.8	167.2	170.0	172.4	192.7	213.1
67.5°	131.1	136.7	141.9	146.5	151.0	151.7	152.4	155.2	158.0	182.2	206.1
70°	120.2	124.8	129.3	132.5	135.3	136.7	137.7	141.2	144.7	171.0	197.3
72.5°	107.9	111.8	115.3	118.1	120.9	122.0	122.7	126.2	129.7	157.7	185.7
75°	94.6	97.8	100.6	103.0	105.5	106.9	108.3	110.7	113.2	143.7	173.8
77.5°	79.9	83.1	85.9	88.0	89.7	91.1	92.2	95.3	98.5	124.1	149.3
80°	62.4	66.2	69.7	71.5	72.9	73.2	73.2	76.0	78.8	97.1	114.9
82.5°	44.2	48.4	52.2	53.6	55.0	55.0	55.0	58.2	61.3	73.6	85.5
85°	25.9	30.5	34.7	36.1	37.5	38.2	38.5	39.9	41.0	49.8	58.2
87.5°	8.1	11.9	15.4	16.1	16.8	18.2	19.6	20.0	20.0	25.9	31.9
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: P386559
 CATALOG NUMBER: GWC-SA2B-727-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: P386559

CATALOG NUMBER: GWC-SA2B-727-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3
2.5°	2627.2	2662.9	2704.6	2746.0	2781.4	2816.8	2846.2
5°	2334.9	2406.8	2494.7	2582.3	2660.5	2738.6	2829.4
7.5°	1967.7	2060.5	2174.4	2288.3	2398.7	2508.7	2648.2
10°	1701.7	1796.0	1916.5	2036.7	2160.8	2284.5	2442.2
12.5°	1532.8	1609.2	1725.9	1842.6	1988.4	2133.8	2285.5
15°	1421.4	1504.8	1618.3	1731.8	1891.3	2050.7	2225.2
17.5°	1302.6	1411.5	1557.0	1702.4	1891.3	2079.8	2285.5
20°	1178.2	1313.8	1502.3	1690.8	1945.3	2199.3	2461.8
22.5°	1054.1	1211.1	1452.9	1694.3	2026.9	2359.1	2713.4
25°	942.3	1123.5	1422.8	1721.7	2145.7	2569.4	3008.8
27.5°	857.5	1055.2	1410.5	1765.5	2296.4	2827.3	3330.2
30°	782.2	983.3	1395.8	1808.2	2441.5	3074.3	3581.4
32.5°	717.0	913.2	1367.4	1821.2	2542.7	3264.3	3794.1
35°	665.8	858.6	1319.7	1780.9	2606.2	3431.4	4015.6
37.5°	621.7	803.5	1265.4	1727.3	2662.6	3597.9	4264.8
40°	579.6	744.7	1218.8	1692.6	2740.4	3788.2	4527.9
42.5°	539.7	696.3	1181.3	1666.3	2812.6	3958.5	4758.2
45°	509.9	659.2	1148.0	1636.5	2859.2	4081.8	4931.6
47.5°	495.2	637.1	1130.1	1622.9	2905.8	4188.4	5075.7
50°	493.1	633.2	1150.5	1667.7	3006.7	4345.4	5240.4
52.5°	492.7	639.5	1209.0	1778.4	3194.2	4609.6	5418.7
55°	485.3	643.4	1278.7	1913.7	3445.8	4977.5	5739.4
57.5°	462.9	630.1	1350.6	2070.7	3711.8	5352.5	6100.7
60°	428.2	597.8	1409.8	2221.4	3890.5	5559.3	6239.8
62.5°	384.8	541.4	1429.4	2317.1	3885.6	5454.1	6099.6
65°	347.6	482.2	1364.9	2247.3	3689.0	5130.3	5822.4
67.5°	314.7	423.0	1203.7	1984.2	3335.4	4686.3	5469.9
70°	290.9	384.1	995.9	1607.8	2892.8	4177.5	5061.7
72.5°	275.8	365.5	812.0	1258.1	2347.5	3436.7	4329.6
75°	255.1	336.4	637.1	937.4	1796.7	2655.9	3270.2
77.5°	216.6	283.5	480.1	676.7	1318.3	1959.6	2274.3
80°	167.2	219.0	330.1	441.2	907.3	1373.3	1550.7
82.5°	119.1	152.8	200.1	247.4	602.7	957.7	972.5
85°	73.6	89.0	114.6	140.2	398.8	657.4	547.7
87.5°	39.6	47.3	60.6	73.6	127.6	181.5	104.4
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: P386559
 CATALOG NUMBER: GWC-SA2B-727-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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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	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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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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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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