

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: P386587

Luminaire Tested: **GWC-SA2B-730-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P386587
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-730-U-SLL
Description: GALLEON WALL LUMINAIRE
(2) 70 CRI, 3000K, 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: 9545 lumens
Efficiency: N/A
Efficacy: 111.0 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

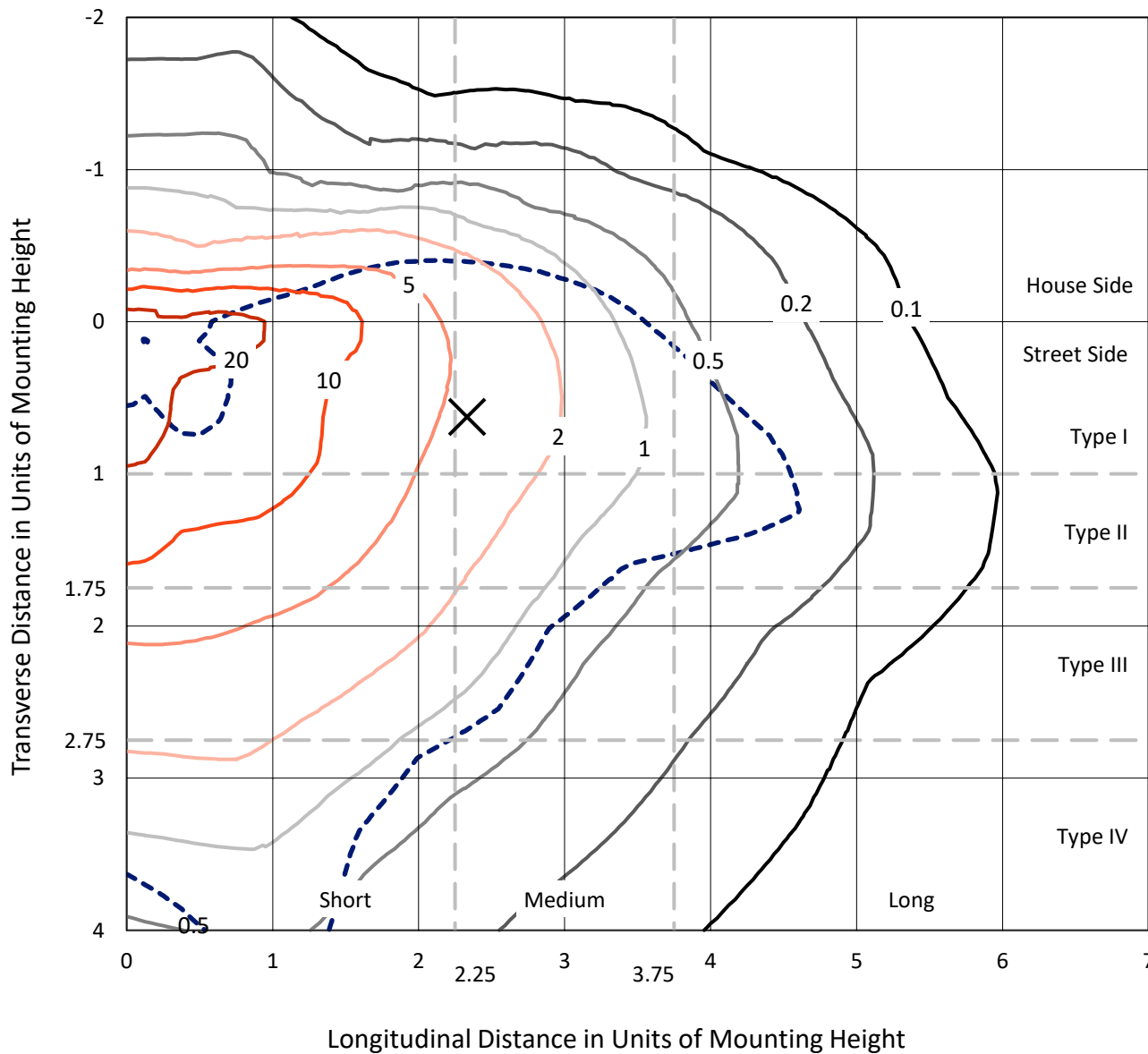


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Iso-Footcandle Lines of Horizontal Illumination

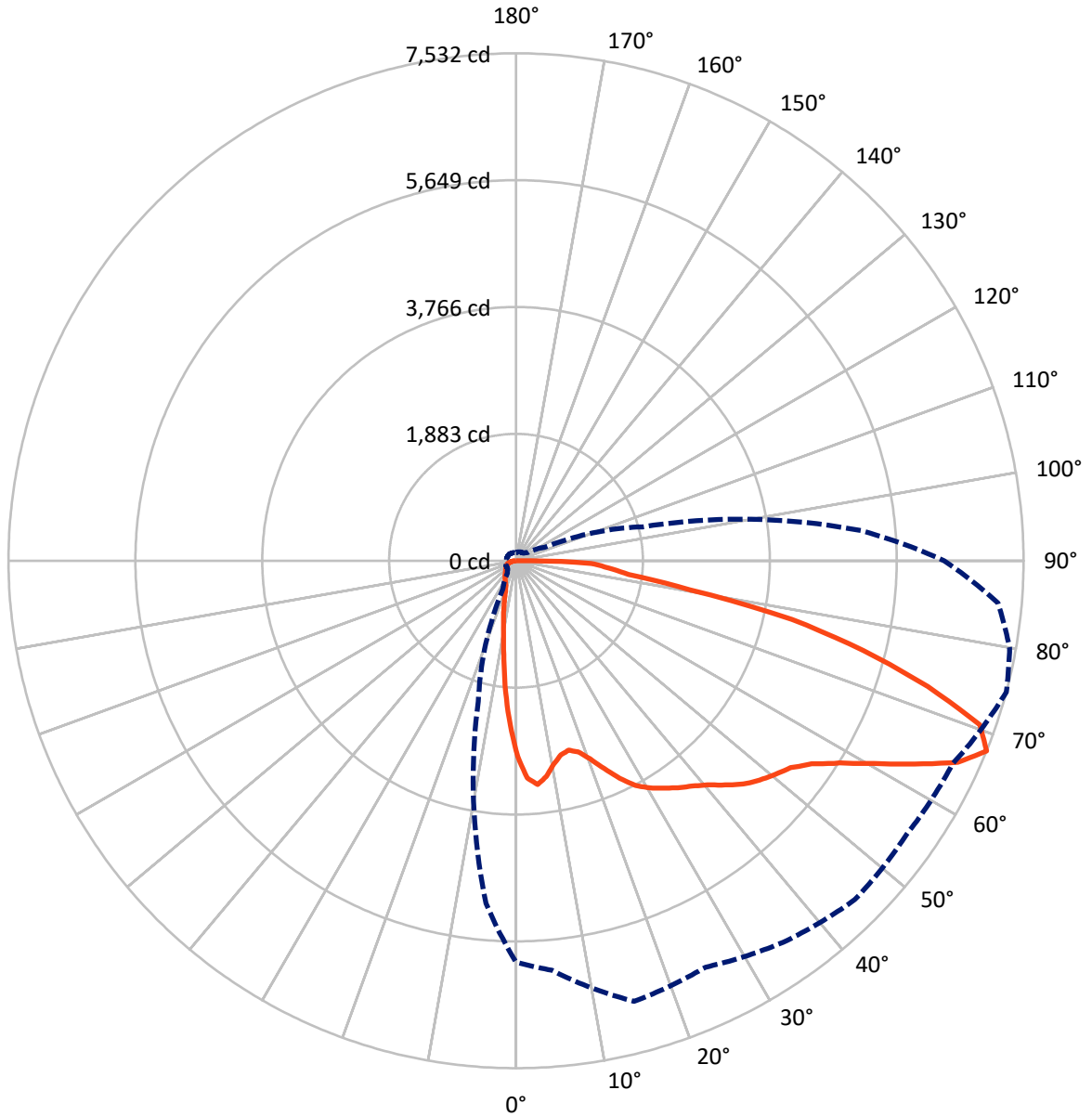
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 36.6 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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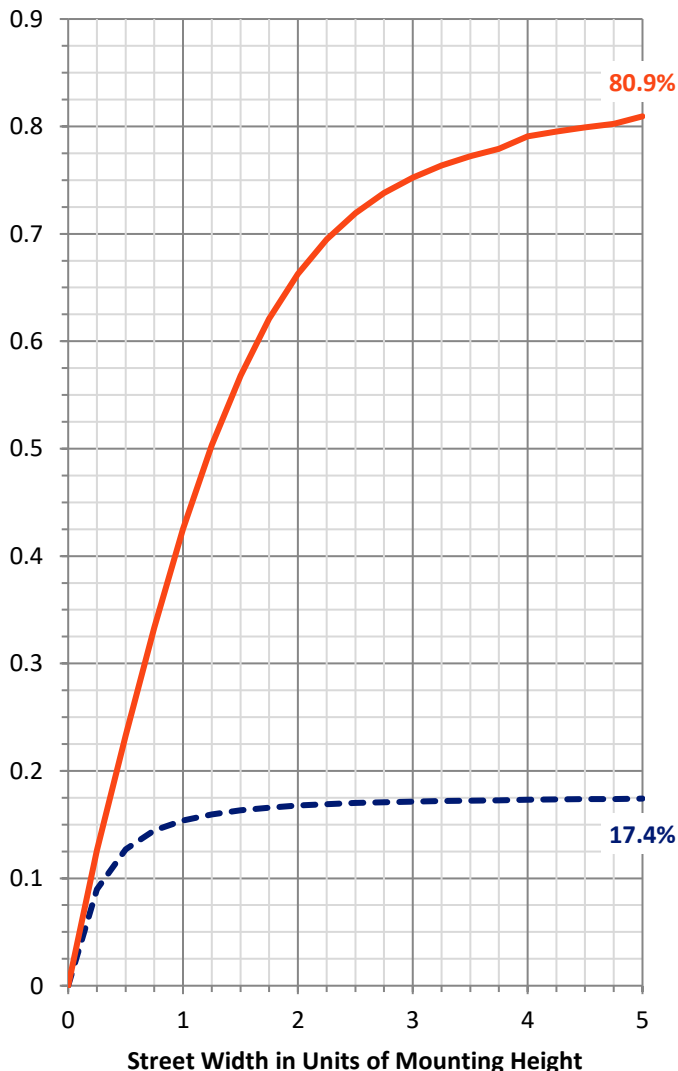
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1681.1	0.0	1681.1
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	7863.9	0.0	7863.9
	% Fixture	82.4	0.0	82.4
Total	Lumens	9545.0	0.0	9545.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	224.4	2.4
10°-20°	466.2	4.9
20°-30°	663.1	6.9
30°-40°	955.5	10.0
40°-50°	1346.6	14.1
50°-60°	1871.9	19.6
60°-70°	2263.7	23.7
70°-80°	1391.5	14.6
80°-90°	362.1	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°	9545.0	100.0
0°-180°	9545.0	100.0

Coefficient of Utilization



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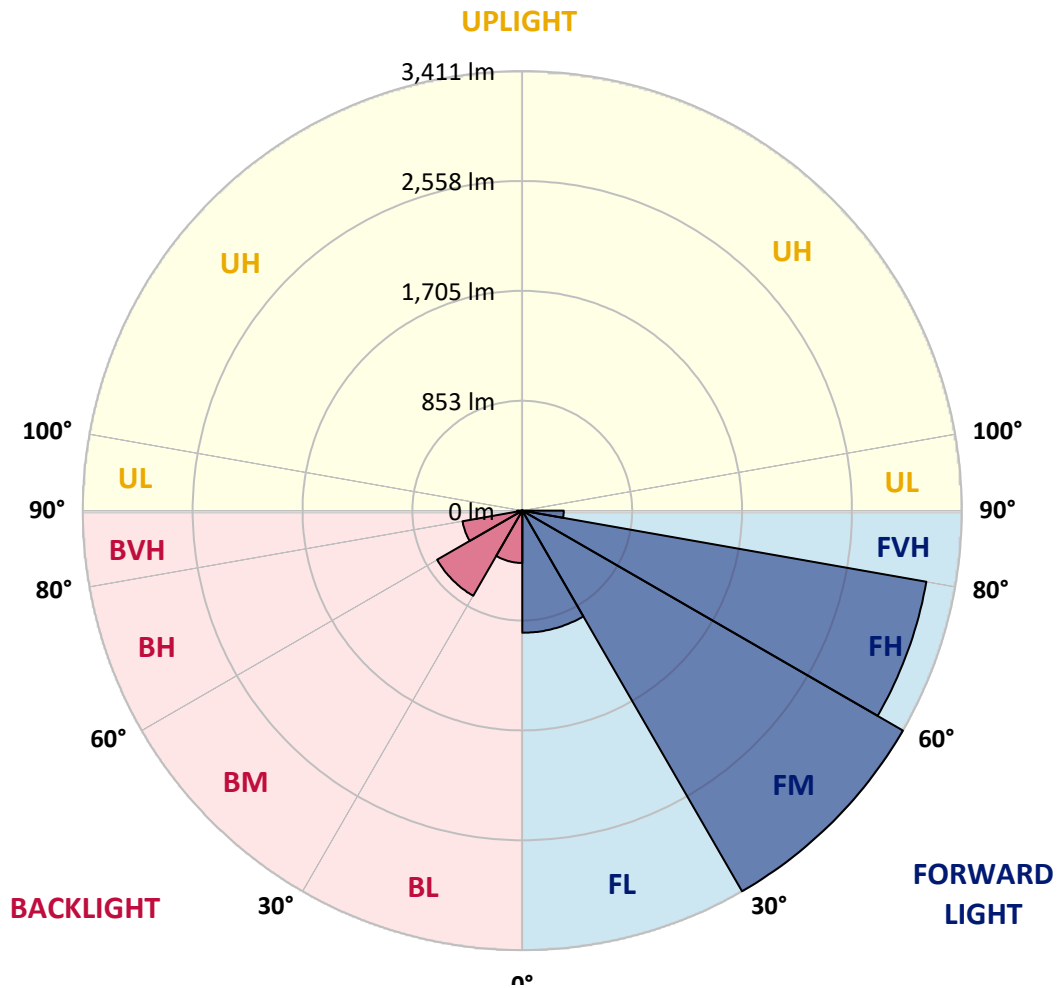
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	947.7	9.9			
FM (30°-60°)	3410.9	35.7			
FH (60°-80°)	3183.9	33.4			G2/5000
FVH (80°-90°)	321.4	3.4			G3/500
BL (0°-30°)	406.0	4.3	B1/500		
BM (30°-60°)	763.1	8.0	B1/1000		
BH (60°-80°)	471.3	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°	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9
2.5°	3099.5	3140.3	3168.6	3196.4	3218.2	3239.6	3270.8	3302.1	3308.2	3314.0	3301.8
5°	3081.2	3180.8	3265.5	3349.8	3428.1	3506.3	3553.2	3600.2	3609.7	3619.3	3589.9
7.5°	2883.9	3030.8	3177.7	3324.7	3459.4	3594.1	3676.1	3757.8	3776.5	3794.8	3746.7
10°	2659.5	2830.5	3011.0	3191.5	3368.9	3546.4	3665.1	3783.7	3807.4	3831.1	3771.1
12.5°	2488.9	2675.5	2868.2	3061.0	3248.3	3435.3	3558.2	3681.1	3710.5	3739.9	3696.4
15°	2423.3	2627.8	2809.1	2990.4	3153.7	3316.6	3417.4	3517.8	3530.0	3541.8	3534.9
17.5°	2488.9	2714.4	2878.5	3042.3	3131.2	3219.7	3260.2	3300.2	3313.6	3326.6	3344.1
20°	2680.9	2924.3	3040.0	3155.2	3151.4	3147.2	3127.7	3107.9	3104.5	3101.0	3150.6
22.5°	2954.9	3237.6	3283.8	3329.6	3222.4	3115.1	3049.9	2984.3	2971.3	2957.9	3010.6
25°	3276.6	3577.7	3569.3	3560.5	3356.3	3151.8	3027.4	2903.0	2888.5	2874.0	2919.0
27.5°	3626.5	3914.3	3859.3	3804.3	3526.9	3249.5	3069.0	2888.5	2874.0	2859.5	2899.2
30°	3900.1	4161.2	4073.0	3984.9	3670.8	3356.7	3142.2	2927.8	2904.1	2880.1	2928.9
32.5°	4131.8	4353.9	4235.6	4117.3	3787.6	3457.8	3225.8	2993.8	2956.8	2919.8	2985.0
35°	4373.0	4546.2	4379.8	4213.1	3891.7	3570.0	3324.7	3078.9	3033.5	2988.1	3077.7
37.5°	4644.3	4788.2	4549.3	4310.0	4008.9	3707.8	3472.7	3237.3	3190.7	3144.2	3258.6
40°	4930.9	5050.7	4732.1	4413.4	4137.1	3860.8	3677.7	3494.1	3449.8	3405.2	3544.1
42.5°	5181.6	5269.0	4902.3	4535.5	4291.7	4047.4	3918.5	3789.1	3788.7	3787.9	3928.8
45°	5370.5	5446.5	5044.2	4641.6	4442.4	4242.8	4175.7	4108.5	4162.3	4216.1	4343.6
47.5°	5527.4	5578.9	5163.3	4747.3	4614.9	4482.5	4492.4	4502.3	4611.9	4721.4	4803.4
50°	5706.7	5665.1	5271.3	4877.1	4836.2	4795.4	4884.7	4973.6	5099.6	5225.1	5280.8
52.5°	5901.0	5790.7	5417.8	5044.6	5090.4	5136.2	5317.8	5499.5	5626.6	5753.7	5774.6
55°	6250.1	6081.1	5687.3	5293.0	5381.2	5469.0	5735.7	6002.1	6101.3	6200.5	6208.2
57.5°	6643.6	6493.6	6064.7	5635.7	5730.4	5825.0	6133.0	6440.6	6547.8	6654.7	6639.8
60°	6795.1	6802.3	6423.0	6043.3	6138.7	6234.1	6534.1	6834.0	6957.3	7080.2	7047.3
62.5°	6642.4	6821.4	6618.8	6415.8	6502.4	6588.6	6882.5	7176.3	7302.6	7429.0	7371.7
65°	6340.6	6518.0	6608.9	6699.7	6728.3	6756.9	7031.3	7305.3	7402.2	7498.8	7469.8
67.5°	5956.7	6100.2	6435.2	6769.9	6712.3	6654.7	6783.3	6911.9	7011.5	7111.1	7094.7
70°	5512.1	5683.1	6129.9	6576.8	6293.6	6010.1	5957.1	5904.0	6011.6	6118.9	6052.5
72.5°	4714.9	4972.9	5449.5	5925.8	5404.1	4882.4	4701.2	4519.9	4656.1	4792.4	4686.7
75°	3561.3	3903.6	4430.2	4956.5	4334.0	3711.6	3469.7	3227.7	3344.9	3462.0	3389.5
77.5°	2476.7	2906.0	3424.6	3943.3	3310.5	2677.4	2497.7	2317.6	2352.7	2387.4	2375.2
80°	1688.7	1971.1	2332.8	2694.2	2272.9	1851.6	1865.7	1879.5	1863.1	1846.3	1870.7
82.5°	1059.0	1257.8	1537.2	1816.1	1592.5	1368.9	1497.1	1625.3	1562.3	1499.0	1522.7
85°	596.5	717.8	991.1	1263.9	1178.1	1091.8	1167.0	1241.8	1144.1	1046.4	1089.5
87.5°	113.7	189.3	548.4	907.1	823.5	740.0	643.0	546.1	416.7	287.4	419.8
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



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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°	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9
2.5°	3289.5	3283.1	3276.6	3253.3	3229.6	3194.5	3165.5	3115.1	3087.7	3046.1	3004.5
5°	3560.1	3518.9	3477.7	3406.7	3335.3	3256.0	3164.8	3063.6	2987.3	2888.1	2788.9
7.5°	3698.6	3602.5	3505.9	3369.7	3233.1	3110.2	2965.9	2831.6	2717.1	2588.1	2459.1
10°	3711.2	3567.0	3422.4	3245.3	3067.8	2918.6	2752.6	2603.4	2466.0	2317.9	2169.5
12.5°	3652.5	3499.1	3345.3	3150.3	2954.9	2785.4	2606.8	2439.7	2287.4	2124.5	1961.1
15°	3528.1	3405.6	3282.7	3099.9	2917.1	2746.1	2572.9	2374.8	2202.7	2035.9	1868.8
17.5°	3361.3	3303.3	3244.9	3112.9	2980.4	2832.4	2664.5	2432.1	2230.6	2049.3	1868.0
20°	3199.9	3221.2	3242.2	3189.6	3136.9	3018.2	2871.7	2610.6	2353.4	2116.5	1879.1
22.5°	3062.9	3165.5	3267.8	3308.6	3349.1	3277.7	3163.2	2861.4	2521.0	2211.5	1902.0
25°	2963.6	3133.8	3304.0	3439.9	3575.4	3543.7	3455.6	3165.9	2743.1	2348.5	1953.5
27.5°	2938.8	3147.6	3356.3	3567.0	3777.3	3806.6	3782.2	3486.8	3007.9	2518.7	2029.1
30°	2977.8	3189.2	3400.2	3656.7	3912.7	4029.9	4062.7	3754.4	3310.5	2717.1	2123.3
32.5°	3050.3	3257.5	3464.7	3744.1	4023.0	4200.1	4304.7	3999.0	3521.6	2866.7	2211.5
35°	3167.4	3361.3	3555.2	3845.9	4136.7	4365.7	4556.5	4251.6	3708.9	2971.3	2233.2
37.5°	3372.7	3539.5	3706.3	3974.9	4243.2	4540.1	4826.7	4529.8	3911.6	3072.0	2232.1
40°	3683.0	3800.9	3918.5	4145.5	4372.2	4745.8	5132.8	4840.1	4135.6	3181.2	2226.7
42.5°	4069.6	4130.3	4190.5	4370.3	4550.0	4960.7	5410.6	5143.4	4349.3	3282.7	2216.1
45°	4470.7	4486.7	4502.7	4616.1	4729.0	5130.9	5599.9	5371.3	4535.9	3370.8	2205.4
47.5°	4885.1	4830.1	4775.2	4820.2	4865.2	5261.4	5735.0	5544.1	4723.3	3468.5	2213.4
50°	5336.5	5183.5	5030.5	5006.8	4983.2	5391.9	5894.1	5764.0	4948.4	3610.9	2273.3
52.5°	5795.3	5543.0	5290.8	5197.3	5103.4	5547.6	6105.1	6037.6	5269.8	3831.4	2392.7
55°	6215.8	5894.9	5573.9	5448.0	5322.0	5785.7	6362.7	6439.4	5681.5	4113.5	2545.0
57.5°	6624.5	6260.8	5897.1	5780.4	5663.6	6135.7	6689.0	6800.1	6097.5	4384.0	2670.2
60°	7014.5	6654.7	6294.4	6200.9	6107.0	6570.7	7041.6	6960.7	6312.0	4510.7	2709.1
62.5°	7314.5	7028.3	6742.0	6692.8	6643.2	7010.7	7312.6	6898.1	6175.7	4385.9	2596.1
65°	7440.8	7277.8	7114.5	7160.7	7206.5	7343.5	7380.1	6714.9	5747.5	4036.4	2325.2
67.5°	7077.9	7111.1	7144.3	7338.1	7531.6	7437.4	7179.4	6353.9	5138.1	3541.0	1944.0
70°	5985.7	6184.9	6383.7	6842.4	7300.7	7091.6	6641.7	5706.0	4404.6	2970.5	1536.0
72.5°	4580.6	4804.6	5028.2	5709.0	6389.4	6196.7	5645.7	4686.7	3531.5	2372.1	1212.4
75°	3316.6	3569.7	3822.3	4573.3	5324.3	5056.8	4223.0	3355.6	2682.4	1810.8	938.8
77.5°	2362.6	2532.0	2701.5	3443.3	4184.8	3749.0	2811.0	2258.0	1856.6	1258.6	660.2
80°	1895.1	1843.2	1791.3	2204.6	2617.9	2545.4	1859.2	1450.1	1284.9	843.4	401.8
82.5°	1545.9	1419.2	1292.5	1487.2	1681.8	1671.1	1290.3	1064.0	956.3	586.2	216.0
85°	1132.3	1081.5	1030.8	1202.9	1375.0	1228.0	873.9	676.2	745.7	431.6	117.5
87.5°	552.2	630.8	709.0	912.1	1114.7	836.9	265.2	131.3	181.7	119.4	56.9
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: P386587
 CATALOG NUMBER: GWC-SA2B-730-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: P386587

CATALOG NUMBER: GWC-SA2B-730-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9
2.5°	2973.6	2942.3	2906.8	2871.3	2830.8	2790.0	2766.0	2741.5	2715.2	2688.9	2659.1
5°	2723.2	2657.6	2583.2	2508.8	2435.1	2361.5	2321.8	2282.1	2240.1	2197.7	2161.1
7.5°	2363.7	2268.0	2164.9	2061.5	1969.9	1877.9	1821.1	1763.8	1711.9	1659.7	1615.8
10°	2047.4	1925.3	1821.8	1718.0	1649.0	1579.9	1527.6	1475.3	1425.0	1374.2	1325.7
12.5°	1839.0	1716.9	1651.3	1585.6	1528.4	1471.1	1410.8	1350.2	1281.1	1211.6	1160.9
15°	1757.7	1646.7	1573.8	1500.5	1423.8	1346.7	1272.7	1198.7	1117.0	1035.3	977.7
17.5°	1722.6	1577.2	1475.3	1373.1	1271.9	1170.8	1084.9	999.1	909.8	820.5	762.1
20°	1685.6	1492.1	1355.5	1218.5	1088.8	959.0	861.7	764.4	684.6	604.9	560.2
22.5°	1652.0	1401.7	1230.3	1058.6	905.2	751.8	656.4	560.6	511.7	462.9	445.0
25°	1638.3	1322.7	1112.0	901.4	739.6	577.4	509.5	441.5	422.8	403.8	394.6
27.5°	1640.6	1252.1	1012.4	772.4	626.6	480.8	434.3	387.7	376.3	364.4	358.7
30°	1649.4	1175.4	918.6	661.7	541.5	421.3	391.2	360.6	348.4	336.2	329.0
32.5°	1659.3	1106.7	846.0	585.0	486.9	388.5	363.7	338.5	326.7	314.8	307.6
35°	1642.1	1050.6	796.4	542.3	451.8	361.0	340.0	318.7	305.7	292.7	285.8
37.5°	1613.1	994.1	757.9	521.3	428.9	336.2	320.9	305.3	291.9	278.2	271.7
40°	1586.8	946.4	729.3	511.7	416.3	320.6	307.6	294.6	280.9	266.8	259.1
42.5°	1565.4	914.4	701.0	487.7	404.9	321.7	303.4	284.7	271.3	258.0	249.6
45°	1549.4	893.4	678.9	464.4	394.2	324.0	300.7	277.4	264.1	250.3	240.4
47.5°	1547.8	882.3	663.3	444.2	374.0	303.4	293.8	284.3	264.8	245.0	233.6
50°	1568.8	864.4	644.9	425.1	354.5	283.9	296.9	309.5	276.3	242.7	228.2
52.5°	1612.7	832.7	615.9	399.2	330.9	262.2	282.4	302.2	273.6	244.6	225.9
55°	1665.8	786.1	572.0	357.6	299.6	241.2	259.1	276.7	258.7	240.4	217.9
57.5°	1699.0	727.4	516.7	306.1	264.5	222.9	233.2	243.1	235.8	228.6	205.7
60°	1679.1	649.1	454.5	259.5	233.6	207.6	205.7	203.4	214.1	224.8	198.4
62.5°	1582.2	568.2	399.6	230.9	211.4	191.6	187.4	182.8	200.3	217.5	189.7
65°	1418.5	511.7	364.8	217.9	196.2	174.4	169.8	165.2	170.6	175.9	163.0
67.5°	1210.5	477.0	345.0	212.9	186.6	159.9	154.6	149.2	148.1	146.9	142.3
70°	996.0	455.7	332.0	208.4	176.3	143.9	138.9	133.9	132.4	130.5	127.1
72.5°	832.7	453.0	330.5	208.0	167.9	127.8	123.3	118.7	116.8	114.5	111.8
75°	682.0	425.1	313.7	202.3	156.5	110.3	106.1	101.9	100.4	98.5	96.2
77.5°	506.0	351.9	263.7	175.5	133.9	92.4	88.2	83.6	83.2	82.4	80.5
80°	328.2	254.5	188.5	122.5	97.7	72.5	69.1	65.3	65.6	66.0	64.5
82.5°	182.4	148.4	115.2	82.0	66.8	51.5	50.0	48.1	49.2	50.0	48.1
85°	96.2	74.8	61.8	48.8	38.5	28.2	28.2	27.9	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: P386587

CATALOG NUMBER: GWC-SA2B-730-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: P386587
 CATALOG NUMBER: GWC-SA2B-730-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9
2.5°	2629.0	2601.1	2572.9	2542.0	2547.7	2524.0	2500.4	2485.5	2470.6	2466.0	2461.4
5°	2124.5	2092.8	2060.7	2032.1	2056.9	2040.1	2023.3	2021.0	2018.4	2018.4	2018.0
7.5°	1571.9	1537.9	1503.6	1479.9	1504.3	1501.3	1498.2	1514.6	1531.1	1544.4	1557.4
10°	1277.3	1236.1	1194.5	1159.4	1153.2	1135.7	1117.8	1121.6	1125.0	1139.5	1154.0
12.5°	1110.1	1060.9	1011.7	970.5	951.8	922.8	893.4	875.1	856.7	858.6	860.2
15°	919.7	872.0	823.9	788.4	776.6	754.1	731.6	708.7	685.4	675.8	665.9
17.5°	703.3	665.2	626.6	603.0	603.0	596.5	590.0	578.5	566.7	557.2	547.2
20°	515.6	495.3	474.7	464.8	467.9	468.2	468.2	474.0	479.7	476.6	473.6
22.5°	426.6	419.4	412.1	407.9	409.5	409.9	410.2	415.6	420.5	424.4	427.8
25°	385.1	380.5	375.9	374.4	377.8	378.2	378.2	381.6	385.1	388.9	392.7
27.5°	352.6	350.7	348.8	346.1	349.6	349.6	349.2	353.0	356.4	359.9	362.9
30°	321.7	322.5	322.8	322.1	324.4	325.9	327.0	329.7	332.0	334.7	337.4
32.5°	300.0	298.8	297.7	296.9	301.9	304.5	307.2	309.9	312.2	313.3	314.5
35°	279.0	276.3	273.6	271.7	276.3	279.7	283.2	288.1	292.7	293.5	294.2
37.5°	264.8	261.4	258.0	255.7	257.6	259.1	260.6	266.0	271.3	274.4	277.1
40°	251.5	248.1	244.6	242.7	243.9	244.2	244.6	247.3	249.6	255.3	260.6
42.5°	240.8	236.6	232.4	230.1	230.9	231.6	232.0	231.6	231.3	236.6	241.9
45°	230.1	225.5	221.0	218.3	218.7	218.7	218.7	217.9	216.8	219.4	222.1
47.5°	221.7	216.4	211.0	208.4	207.6	206.8	206.1	205.7	204.9	206.8	208.4
50°	213.3	207.6	201.5	198.4	196.5	195.8	195.0	194.6	193.9	195.8	197.3
52.5°	206.8	200.0	193.1	188.1	186.2	185.1	183.9	184.3	184.3	185.1	185.5
55°	195.4	189.3	182.8	179.4	175.9	175.2	174.4	175.5	176.3	176.3	176.3
57.5°	182.8	177.1	171.0	168.7	165.6	165.6	165.2	166.8	167.9	168.7	169.4
60°	171.7	165.2	158.8	156.8	155.7	155.3	154.9	156.8	158.4	159.9	161.4
62.5°	161.4	154.6	147.7	145.4	145.0	145.4	145.4	147.3	148.8	150.4	151.9
65°	150.0	143.1	135.9	133.6	134.3	135.5	136.6	138.1	139.3	140.8	142.3
67.5°	137.4	131.7	125.6	123.3	123.6	125.2	126.7	127.8	128.6	130.1	131.7
70°	123.6	118.7	113.7	112.2	111.8	113.7	115.2	116.0	116.8	118.7	120.2
72.5°	108.8	104.6	100.4	99.2	99.6	100.7	101.9	103.0	103.8	105.7	107.2
75°	93.5	89.7	85.9	85.1	85.9	87.0	88.2	88.9	89.7	92.0	93.9
77.5°	78.6	74.4	69.8	69.5	70.6	71.7	72.5	73.7	74.8	77.9	80.9
80°	63.0	58.4	53.4	53.0	54.2	55.3	56.5	57.6	58.8	62.6	66.0
82.5°	46.2	40.8	35.5	34.7	38.5	39.7	40.8	42.7	44.3	47.7	51.1
85°	27.9	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	7.3	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: P386587
 CATALOG NUMBER: GWC-SA2B-730-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: P386587

CATALOG NUMBER: GWC-SA2B-730-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9
2.5°	2444.6	2427.5	2445.0	2462.2	2469.4	2476.7	2458.0	2438.9	2468.7	2498.1	2505.7
5°	2002.7	1987.1	1998.9	2010.4	1984.8	1959.2	1956.6	1953.5	1975.6	1997.8	2001.2
7.5°	1552.4	1547.5	1558.5	1569.6	1537.2	1504.3	1488.3	1472.3	1477.6	1483.0	1482.2
10°	1157.4	1160.5	1174.2	1187.6	1162.4	1137.2	1126.2	1115.1	1127.3	1139.1	1150.2
12.5°	867.0	873.5	888.0	902.1	891.8	881.2	882.3	883.4	897.6	911.3	923.5
15°	673.6	681.2	691.5	701.4	701.8	701.8	711.7	721.3	720.1	719.0	727.4
17.5°	557.5	567.5	568.6	569.8	570.1	570.5	569.8	569.0	563.3	557.5	564.0
20°	477.4	480.8	483.9	486.6	483.1	479.3	469.8	460.2	456.4	452.6	458.7
22.5°	434.3	440.4	437.3	433.9	427.0	419.8	412.5	404.9	404.5	403.8	407.2
25°	398.0	403.0	397.6	392.3	387.3	382.4	377.4	372.5	372.1	371.7	373.2
27.5°	367.9	372.5	367.5	362.5	358.3	354.1	350.3	346.5	345.7	345.0	345.4
30°	341.9	346.1	341.9	337.4	334.3	330.9	328.2	325.5	325.1	324.8	324.8
32.5°	318.7	322.8	319.8	316.7	314.1	311.4	309.5	307.6	305.7	303.8	299.6
35°	298.4	302.6	300.7	298.4	295.4	292.3	288.9	285.1	280.1	274.8	272.5
37.5°	281.3	285.5	283.5	281.6	277.4	273.2	267.1	260.6	259.1	257.2	256.8
40°	267.5	274.0	270.2	266.0	259.5	253.0	250.0	246.9	246.1	245.4	244.6
42.5°	252.2	262.2	255.3	248.4	242.3	236.2	235.5	234.7	234.3	233.9	233.9
45°	233.2	243.9	237.0	229.7	226.3	222.9	222.9	222.9	223.2	223.2	224.0
47.5°	215.2	221.7	218.3	214.9	212.9	211.0	211.4	211.8	212.9	213.7	215.6
50°	200.0	202.3	203.0	203.4	202.3	201.1	201.9	202.3	203.4	204.2	205.7
52.5°	188.9	192.3	192.3	192.0	192.0	192.0	192.7	193.5	194.6	195.8	197.3
55°	181.7	186.6	185.1	183.6	183.9	183.9	184.7	185.5	186.6	187.4	189.7
57.5°	174.8	180.1	178.6	177.1	177.1	177.1	177.5	177.8	179.0	179.7	181.3
60°	166.8	172.1	170.6	168.7	169.1	169.4	169.8	169.8	170.6	171.0	171.0
62.5°	157.2	162.6	161.0	159.1	160.3	161.0	161.0	161.0	161.8	162.2	161.0
65°	147.3	152.3	150.7	149.2	150.7	151.9	152.6	153.0	152.6	152.3	151.1
67.5°	136.6	141.6	140.1	138.1	140.1	141.6	143.1	144.3	143.1	142.0	140.4
70°	125.2	130.1	128.2	126.3	128.2	130.1	131.7	133.2	131.7	130.1	129.8
72.5°	113.0	118.7	116.4	114.1	116.4	118.7	119.4	120.2	119.1	117.9	117.2
75°	99.6	105.3	103.4	101.1	103.0	104.9	105.3	105.7	105.7	105.3	103.0
77.5°	85.5	90.1	88.9	87.8	88.9	90.1	90.1	90.1	90.4	90.4	87.4
80°	68.7	71.4	71.7	72.1	72.5	72.9	72.5	72.1	71.4	70.6	68.7
82.5°	51.1	51.1	54.2	56.9	56.9	56.5	56.1	55.3	53.8	51.9	47.7
85°	32.4	30.5	35.5	40.1	40.1	39.7	38.9	37.8	34.7	31.3	27.9
87.5°	11.1	9.2	14.1	19.1	19.5	19.5	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: P386587
 CATALOG NUMBER: GWC-SA2B-730-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: P386587

CATALOG NUMBER: GWC-SA2B-730-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9
2.5°	2517.2	2522.1	2526.7	2564.1	2601.1	2644.6	2688.1	2721.3	2754.1	2788.1	2822.1
5°	2013.0	2019.1	2025.2	2070.7	2115.7	2176.4	2237.0	2289.3	2341.6	2403.0	2464.5
7.5°	1492.1	1505.5	1518.5	1566.9	1615.0	1680.3	1745.1	1813.4	1881.4	1961.5	2041.7
10°	1171.9	1197.1	1221.9	1271.6	1321.2	1385.7	1449.8	1521.1	1592.5	1671.5	1750.1
12.5°	948.7	982.3	1015.5	1075.0	1134.6	1211.6	1288.3	1367.7	1446.7	1516.2	1585.6
15°	749.5	786.1	822.4	885.4	948.3	1033.0	1117.4	1204.0	1290.3	1373.4	1456.6
17.5°	584.6	614.8	644.6	698.0	751.0	833.1	915.1	1005.9	1096.8	1198.3	1299.4
20°	471.7	484.3	496.9	535.4	573.6	640.4	706.8	799.5	892.2	1013.6	1134.9
22.5°	413.3	419.8	425.9	444.6	462.9	506.0	548.8	630.8	712.5	844.9	976.9
25°	378.2	383.1	388.1	400.3	412.5	433.1	453.7	511.4	569.0	699.1	828.9
27.5°	346.5	354.1	361.4	367.1	372.5	386.6	400.3	438.1	475.9	597.2	718.2
30°	323.6	326.3	329.0	337.7	346.1	360.6	375.1	401.5	427.8	530.4	632.7
32.5°	296.9	300.7	304.5	313.7	322.8	336.2	349.6	370.9	391.9	479.7	567.1
35°	272.9	276.7	280.5	289.6	298.4	312.9	327.0	345.0	362.5	438.9	515.2
37.5°	258.0	261.8	265.6	273.6	281.3	295.8	309.9	324.0	337.7	408.3	478.9
40°	245.4	249.2	253.0	260.6	267.9	282.0	295.8	307.6	319.4	385.4	451.5
42.5°	234.3	238.5	242.7	250.3	257.6	270.2	282.8	298.4	313.7	365.6	417.1
45°	225.2	229.4	233.2	241.6	250.0	262.2	274.4	296.1	317.9	355.3	392.7
47.5°	216.8	221.3	225.5	234.7	243.9	259.1	274.0	292.3	310.3	347.3	384.3
50°	208.7	214.1	219.4	230.5	241.2	266.8	291.9	294.6	296.9	340.8	384.3
52.5°	201.1	207.2	213.3	227.1	240.4	270.2	300.0	290.4	280.5	328.6	376.7
55°	193.5	198.8	203.8	220.6	237.4	259.1	280.9	268.3	255.3	305.7	356.0
57.5°	183.2	188.9	194.2	212.2	230.1	245.4	260.3	248.8	237.0	279.7	322.1
60°	172.5	179.0	185.5	208.4	230.9	228.2	225.2	222.9	220.2	250.7	281.3
62.5°	163.0	169.8	176.7	206.5	236.2	217.9	199.6	201.5	203.0	225.5	248.1
65°	153.4	160.3	166.8	181.7	196.5	189.3	182.0	185.1	187.8	209.9	232.0
67.5°	142.7	148.8	154.6	159.5	164.5	165.2	166.0	169.1	172.1	198.4	224.4
70°	130.9	135.9	140.8	144.3	147.3	148.8	150.0	153.8	157.6	186.2	214.9
72.5°	117.5	121.7	125.6	128.6	131.7	132.8	133.6	137.4	141.2	171.7	202.3
75°	103.0	106.5	109.5	112.2	114.9	116.4	117.9	120.6	123.3	156.5	189.3
77.5°	87.0	90.4	93.5	95.8	97.7	99.2	100.4	103.8	107.2	135.1	162.6
80°	67.9	72.1	75.9	77.9	79.4	79.8	79.8	82.8	85.9	105.7	125.2
82.5°	48.1	52.7	56.9	58.4	59.9	59.9	59.9	63.3	66.8	80.1	93.1
85°	28.2	33.2	37.8	39.3	40.8	41.6	42.0	43.5	44.6	54.2	63.3
87.5°	8.8	13.0	16.8	17.6	18.3	19.8	21.4	21.8	21.8	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: P386587
 CATALOG NUMBER: GWC-SA2B-730-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: P386587
 CATALOG NUMBER: GWC-SA2B-730-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9	2907.9
2.5°	2861.0	2899.9	2945.3	2990.4	3028.9	3067.4	3099.5
5°	2542.7	2621.0	2716.7	2812.1	2897.2	2982.3	3081.2
7.5°	2142.8	2243.9	2367.9	2492.0	2612.2	2732.0	2883.9
10°	1853.1	1955.8	2087.1	2218.0	2353.1	2487.8	2659.5
12.5°	1669.2	1752.4	1879.5	2006.5	2165.3	2323.7	2488.9
15°	1547.8	1638.7	1762.3	1886.0	2059.6	2233.2	2423.3
17.5°	1418.5	1537.2	1695.5	1853.9	2059.6	2264.9	2488.9
20°	1283.0	1430.7	1636.0	1841.3	2118.4	2395.0	2680.9
22.5°	1147.9	1318.9	1582.2	1845.1	2207.3	2569.1	2954.9
25°	1026.2	1223.5	1549.4	1874.9	2336.6	2798.0	3276.6
27.5°	933.8	1149.1	1536.0	1922.6	2500.7	3078.9	3626.5
30°	851.8	1070.8	1520.0	1969.1	2658.7	3347.9	3900.1
32.5°	780.8	994.5	1489.1	1983.3	2769.0	3554.8	4131.8
35°	725.1	935.0	1437.2	1939.4	2838.1	3736.8	4373.0
37.5°	677.0	875.1	1378.0	1881.0	2899.5	3918.1	4644.3
40°	631.2	810.9	1327.3	1843.2	2984.3	4125.3	4930.9
42.5°	587.7	758.3	1286.4	1814.6	3062.9	4310.8	5181.6
45°	555.3	717.8	1250.2	1782.2	3113.6	4445.1	5370.5
47.5°	539.2	693.8	1230.7	1767.3	3164.4	4561.1	5527.4
50°	536.9	689.6	1252.9	1816.1	3274.3	4732.1	5706.7
52.5°	536.6	696.5	1316.6	1936.7	3478.4	5019.8	5901.0
55°	528.5	700.7	1392.5	2084.0	3752.4	5420.5	6250.1
57.5°	504.1	686.1	1470.8	2255.0	4042.1	5828.8	6643.6
60°	466.3	651.0	1535.2	2419.1	4236.7	6054.0	6795.1
62.5°	419.0	589.6	1556.6	2523.3	4231.4	5939.5	6642.4
65°	378.6	525.1	1486.4	2447.3	4017.3	5586.9	6340.6
67.5°	342.7	460.6	1310.9	2160.7	3632.2	5103.4	5956.7
70°	316.7	418.3	1084.6	1750.9	3150.3	4549.3	5512.1
72.5°	300.3	398.0	884.2	1370.0	2556.5	3742.5	4714.9
75°	277.8	366.4	693.8	1020.8	1956.6	2892.3	3561.3
77.5°	235.8	308.7	522.8	736.9	1435.6	2134.0	2476.7
80°	182.0	238.5	359.5	480.5	988.0	1495.6	1688.7
82.5°	129.8	166.4	217.9	269.4	656.4	1043.0	1059.0
85°	80.1	96.9	124.8	152.6	434.3	715.9	596.5
87.5°	43.1	51.5	66.0	80.1	138.9	197.7	113.7
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: P386587
 CATALOG NUMBER: GWC-SA2B-730-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
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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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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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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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