

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: P386783

Luminaire Tested: **GWC-SA2C-727-U-SLL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P386783  
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-727-U-SLL  
Description: GALLEON WALL LUMINAIRE  
(2) 70 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: 10849 lumens  
Efficiency: N/A  
Efficacy: 96.0 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B2 - U0 - G3

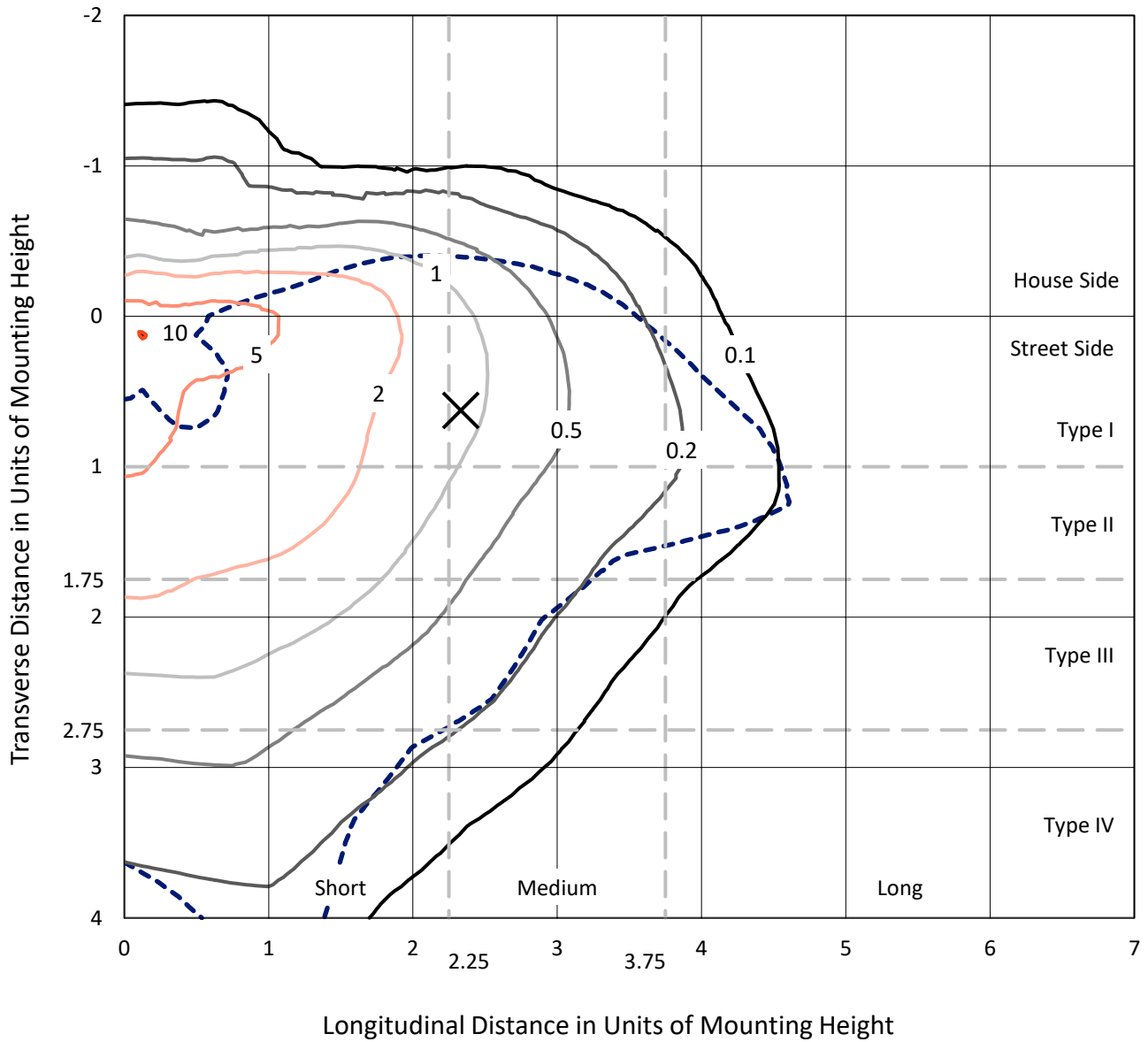
Input Watts (W): 113  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

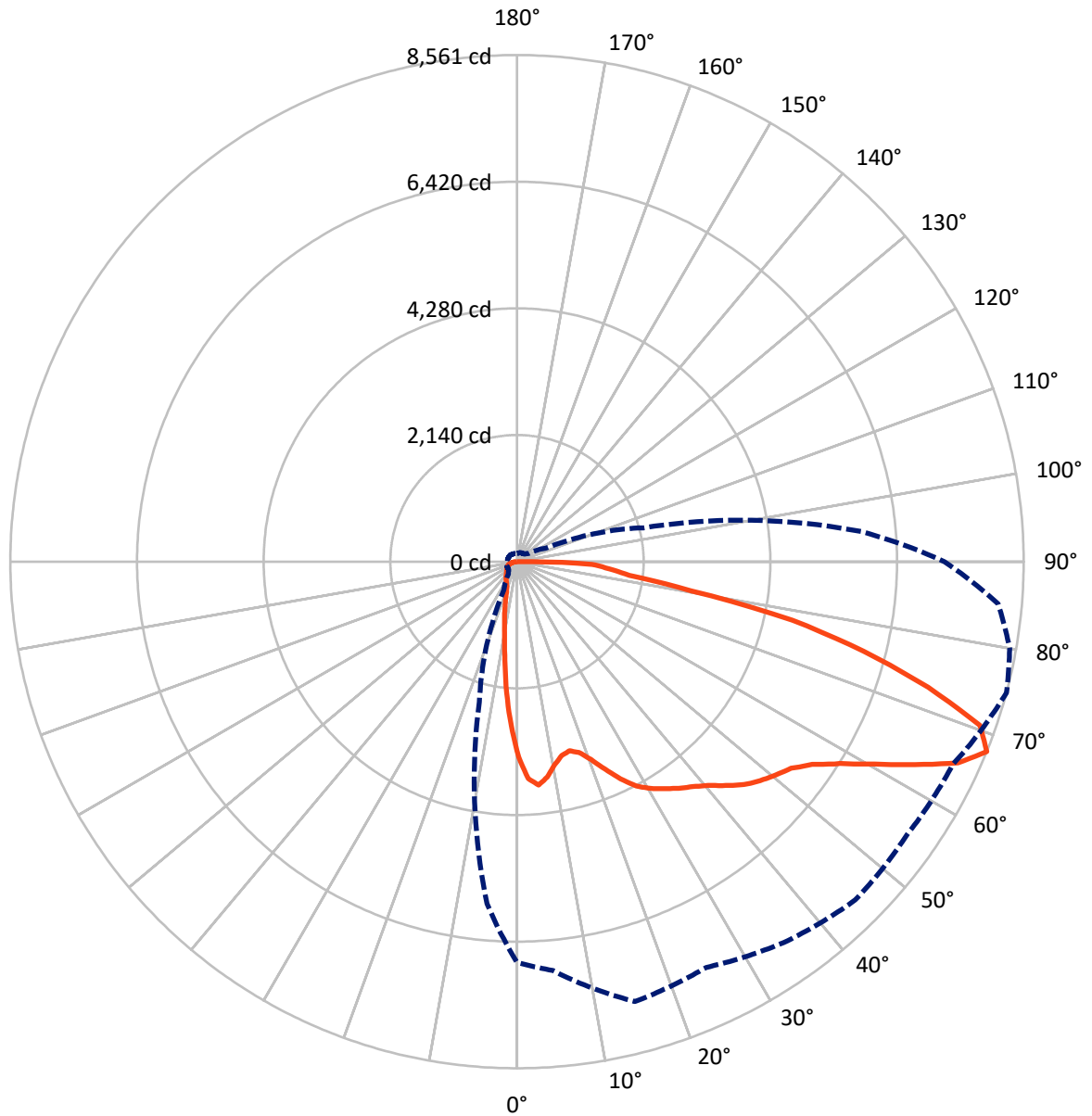
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 10.4 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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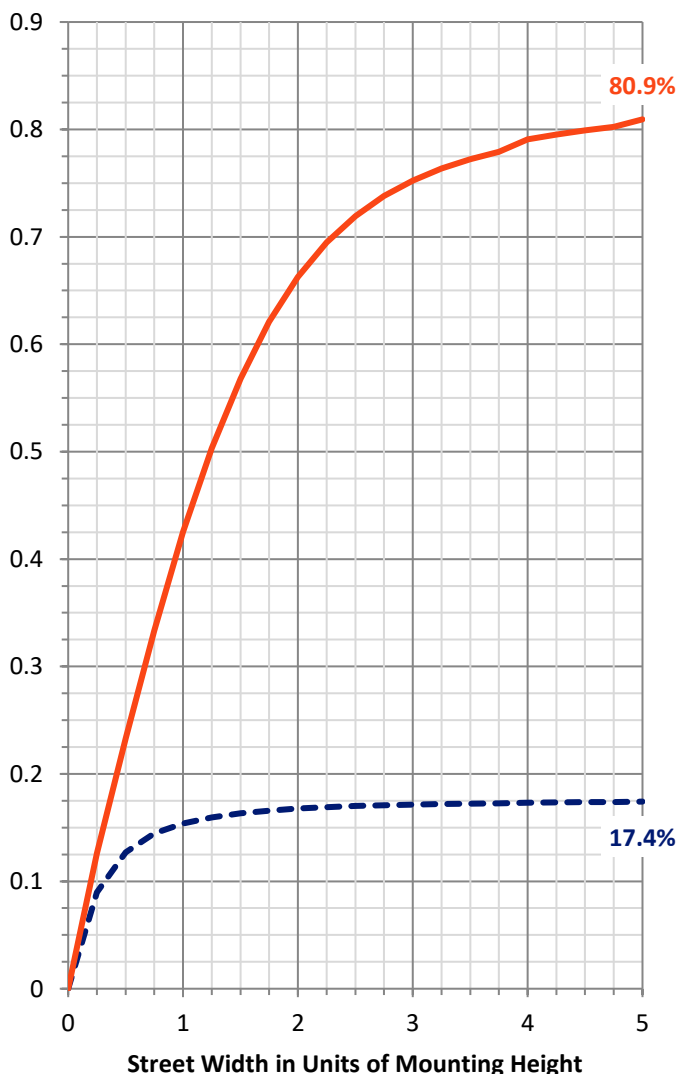
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1910.8	0.0	1910.8
	% Fixture	17.6	0.0	17.6
<b>Street Side</b>	Lumens	8938.2	0.0	8938.2
	% Fixture	82.4	0.0	82.4
<b>Total</b>	Lumens	10849.0	0.0	10849.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	255.1	2.4
10°-20°	529.9	4.9
20°-30°	753.7	6.9
30°-40°	1086.0	10.0
40°-50°	1530.5	14.1
50°-60°	2127.7	19.6
60°-70°	2573.0	23.7
70°-80°	1581.6	14.6
80°-90°	411.6	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	10849.0	100.0
0°-180°	10849.0	100.0

**Coefficient of Utilization**



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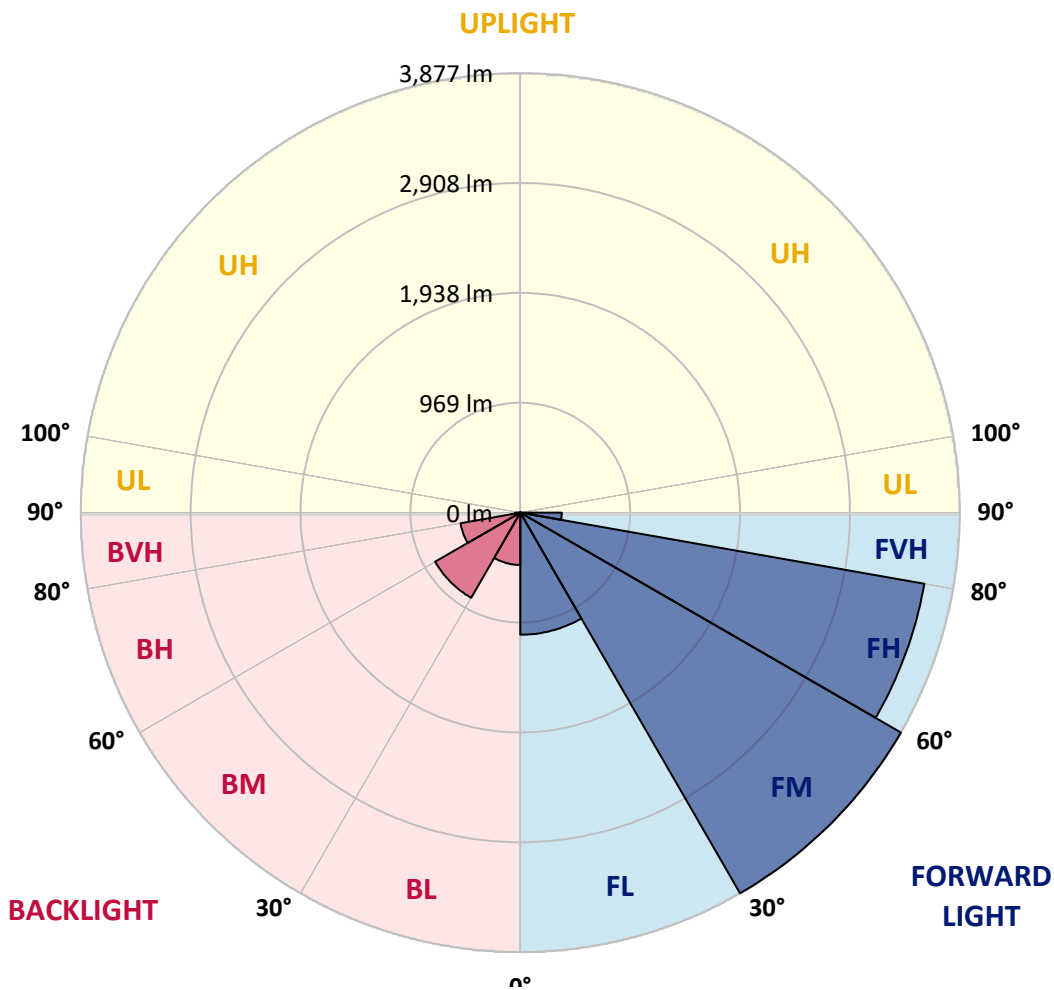
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1077.2	9.9			
FM (30°-60°)	3876.9	35.7			
FH (60°-80°)	3618.9	33.4			G2/5000
FVH (80°-90°)	365.3	3.4			G3/500
BL (0°-30°)	461.5	4.3	B1/500		
BM (30°-60°)	867.3	8.0	B1/1000		
BH (60°-80°)	535.7	4.9	B2/1000		G2/1000
BVH (80°-90°)	46.2	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G3**

Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2
2.5°	3522.9	3569.4	3601.5	3633.1	3657.8	3682.1	3717.7	3753.3	3760.2	3766.7	3752.8
5°	3502.1	3615.3	3711.6	3807.5	3896.4	3985.3	4038.7	4092.0	4102.9	4113.7	4080.3
7.5°	3277.9	3444.9	3611.9	3778.9	3932.0	4085.1	4178.3	4271.2	4292.4	4313.2	4258.6
10°	3022.8	3217.1	3422.3	3627.5	3829.2	4030.9	4165.8	4300.7	4327.6	4354.4	4286.3
12.5°	2828.9	3041.0	3260.1	3479.1	3692.1	3904.6	4044.3	4184.0	4217.4	4250.8	4201.3
15°	2754.3	2986.8	3192.9	3398.9	3584.5	3769.7	3884.3	3998.3	4012.2	4025.7	4017.9
17.5°	2828.9	3085.3	3271.8	3457.9	3558.9	3659.6	3705.6	3751.1	3766.3	3781.0	3801.0
20°	3047.1	3323.9	3455.3	3586.3	3581.9	3577.2	3555.0	3532.5	3528.6	3524.7	3581.1
22.5°	3358.6	3680.0	3732.4	3784.5	3662.6	3540.7	3466.6	3391.9	3377.2	3362.0	3421.9
25°	3724.2	4066.4	4056.9	4046.9	3814.9	3582.4	3441.0	3299.6	3283.1	3266.6	3317.8
27.5°	4122.0	4449.0	4386.5	4324.1	4008.7	3693.4	3488.2	3283.1	3266.6	3250.1	3295.2
30°	4433.0	4729.6	4629.4	4529.2	4172.3	3815.3	3571.5	3327.8	3300.9	3273.5	3329.1
32.5°	4696.2	4948.7	4814.2	4679.8	4305.0	3930.2	3666.5	3402.8	3360.7	3318.6	3392.8
35°	4970.4	5167.3	4978.2	4788.6	4423.4	4057.8	3778.9	3499.5	3447.9	3396.3	3498.2
37.5°	5278.8	5442.3	5170.8	4898.8	4556.6	4214.3	3947.2	3679.5	3626.6	3573.7	3703.8
40°	5604.5	5740.7	5378.5	5016.4	4702.3	4388.3	4180.1	3971.4	3921.1	3870.4	4028.3
42.5°	5889.5	5988.8	5572.0	5155.2	4878.0	4600.4	4453.8	4306.7	4306.3	4305.4	4465.5
45°	6104.2	6190.5	5733.3	5275.7	5049.3	4822.5	4746.1	4669.8	4730.9	4792.1	4937.0
47.5°	6282.5	6341.0	5868.7	5395.9	5245.4	5094.9	5106.1	5117.4	5241.9	5366.4	5459.7
50°	6486.3	6439.1	5991.4	5543.4	5497.0	5450.5	5552.0	5653.1	5796.2	5938.9	6002.3
52.5°	6707.1	6581.8	6158.0	5733.8	5785.8	5837.9	6044.3	6250.8	6395.3	6539.7	6563.6
55°	7104.0	6911.9	6464.2	6016.2	6116.4	6216.1	6519.3	6822.1	6934.8	7047.6	7056.3
57.5°	7551.2	7380.7	6893.2	6405.7	6513.2	6620.8	6970.8	7320.5	7442.3	7563.8	7546.9
60°	7723.4	7731.6	7300.5	6868.9	6977.4	7085.8	7426.7	7767.7	7907.8	8047.4	8010.1
62.5°	7549.9	7753.3	7523.0	7292.3	7390.7	7488.7	7822.7	8156.7	8300.3	8443.9	8378.8
65°	7206.8	7408.5	7511.7	7615.0	7647.5	7680.0	7991.9	8303.3	8413.5	8523.2	8490.3
67.5°	6770.5	6933.5	7314.4	7694.8	7629.3	7563.8	7710.0	7856.1	7969.3	8082.6	8063.9
70°	6265.1	6459.5	6967.4	7475.3	7153.5	6831.2	6770.9	6710.6	6832.9	6954.8	6879.3
72.5°	5359.0	5652.2	6194.0	6735.3	6142.4	5549.4	5343.4	5137.4	5292.2	5447.1	5326.9
75°	4047.8	4436.9	5035.4	5633.6	4926.1	4218.7	3943.7	3668.7	3801.8	3935.0	3852.6
77.5°	2815.1	3303.0	3892.5	4482.0	3762.8	3043.2	2838.9	2634.2	2674.1	2713.6	2699.7
80°	1919.4	2240.3	2651.5	3062.3	2583.4	2104.6	2120.6	2136.2	2117.6	2098.5	2126.3
82.5°	1203.7	1429.7	1747.2	2064.2	1810.1	1555.9	1701.6	1847.4	1775.8	1703.8	1730.7
85°	678.0	815.9	1126.5	1436.6	1339.0	1241.0	1326.4	1411.4	1300.4	1189.4	1238.4
87.5°	129.3	215.1	623.3	1031.0	936.0	841.0	730.9	620.7	473.7	326.6	477.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

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





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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2
2.5°	3739.0	3731.6	3724.2	3697.7	3670.9	3630.9	3598.0	3540.7	3509.5	3462.2	3414.9
5°	4046.5	3999.6	3952.8	3872.1	3791.0	3700.8	3597.1	3482.2	3395.4	3282.6	3169.9
7.5°	4203.9	4094.6	3984.9	3830.0	3674.8	3535.1	3371.1	3218.4	3088.3	2941.7	2795.1
10°	4218.2	4054.3	3889.9	3688.6	3486.9	3317.3	3128.7	2959.1	2802.9	2634.6	2465.9
12.5°	4151.5	3977.1	3802.3	3580.6	3358.6	3166.0	2963.0	2773.0	2599.9	2414.7	2229.1
15°	4010.0	3870.8	3731.1	3523.4	3315.6	3121.3	2924.4	2699.2	2503.6	2314.1	2124.1
17.5°	3820.5	3754.6	3688.2	3538.1	3387.6	3219.3	3028.5	2764.3	2535.3	2329.3	2123.2
20°	3637.0	3661.3	3685.2	3625.3	3565.5	3430.6	3264.0	2967.3	2675.0	2405.6	2135.8
22.5°	3481.3	3598.0	3714.2	3760.6	3806.6	3725.5	3595.4	3252.3	2865.4	2513.6	2161.8
25°	3368.5	3562.0	3755.4	3909.9	4063.8	4027.8	3927.6	3598.4	3117.8	2669.3	2220.4
27.5°	3340.3	3577.6	3814.9	4054.3	4293.3	4326.7	4298.9	3963.2	3418.8	2862.8	2306.3
30°	3384.6	3624.9	3864.7	4156.2	4447.3	4580.4	4617.7	4267.3	3762.8	3088.3	2413.4
32.5°	3467.0	3702.5	3938.0	4255.6	4572.6	4773.9	4892.7	4545.3	4002.7	3258.4	2513.6
35°	3600.2	3820.5	4040.8	4371.4	4701.9	4962.1	5179.0	4832.4	4215.6	3377.2	2538.3
37.5°	3833.5	4023.1	4212.6	4518.0	4822.9	5160.4	5486.1	5148.6	4446.0	3491.7	2537.0
40°	4186.2	4320.2	4453.8	4711.9	4969.5	5394.2	5834.0	5501.3	4700.6	3615.8	2530.9
42.5°	4625.5	4694.5	4763.0	4967.3	5171.6	5638.4	6149.8	5846.1	4943.5	3731.1	2518.8
45°	5081.4	5099.6	5117.9	5246.7	5375.1	5831.8	6364.9	6105.1	5155.6	3831.3	2506.7
47.5°	5552.5	5490.0	5427.6	5478.7	5529.9	5980.2	6518.4	6301.6	5368.6	3942.4	2515.8
50°	6065.6	5891.7	5717.7	5690.8	5663.9	6128.5	6699.3	6551.4	5624.5	4104.2	2583.9
52.5°	6587.0	6300.3	6013.6	5907.3	5800.6	6305.5	6939.2	6862.4	5989.7	4354.9	2719.6
55°	7065.0	6700.2	6335.4	6192.3	6049.1	6576.1	7232.0	7319.1	6457.7	4675.4	2892.7
57.5°	7529.5	7116.2	6702.8	6570.1	6437.3	6973.9	7602.8	7729.0	6930.5	4983.0	3035.0
60°	7972.8	7563.8	7154.3	7048.1	6941.4	7468.4	8003.6	7911.7	7174.3	5127.0	3079.2
62.5°	8313.7	7988.4	7663.1	7607.2	7550.8	7968.5	8311.6	7840.5	7019.4	4985.1	2950.8
65°	8457.3	8272.1	8086.5	8138.9	8191.0	8346.7	8388.4	7632.3	6532.8	4587.8	2642.9
67.5°	8044.8	8082.6	8120.3	8340.6	8560.6	8453.4	8160.2	7222.0	5840.1	4024.8	2209.5
70°	6803.4	7029.8	7255.8	7777.2	8298.1	8060.4	7549.0	6485.5	5006.4	3376.3	1745.9
72.5°	5206.3	5461.0	5715.1	6488.9	7262.3	7043.3	6416.9	5326.9	4014.0	2696.2	1378.0
75°	3769.7	4057.3	4344.5	5198.1	6051.7	5747.7	4799.9	3814.0	3048.9	2058.2	1067.0
77.5°	2685.4	2878.0	3070.5	3913.8	4756.5	4261.2	3195.0	2566.5	2110.2	1430.5	750.4
80°	2154.0	2095.0	2036.0	2505.8	2975.5	2893.1	2113.2	1648.3	1460.4	958.6	456.7
82.5°	1757.1	1613.1	1469.1	1690.3	1911.5	1899.4	1466.5	1209.3	1087.0	666.2	245.5
85°	1286.9	1229.3	1171.6	1367.2	1562.8	1395.8	993.3	768.6	847.6	490.6	133.6
87.5°	627.6	717.0	805.9	1036.7	1267.0	951.2	301.5	149.2	206.5	135.8	64.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386783

CATALOG NUMBER: GWC-SA2C-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: P386783

CATALOG NUMBER: GWC-SA2C-727-U-SLL

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2
2.5°	3379.8	3344.2	3303.9	3263.6	3217.6	3171.2	3143.8	3116.1	3086.2	3056.2	3022.4
5°	3095.3	3020.7	2936.1	2851.5	2767.8	2684.1	2639.0	2593.8	2546.1	2498.0	2456.3
7.5°	2686.7	2577.8	2460.7	2343.1	2239.0	2134.5	2069.9	2004.8	1945.8	1886.4	1836.5
10°	2327.1	2188.3	2070.7	1952.8	1874.2	1795.7	1736.3	1676.9	1619.6	1561.9	1506.9
12.5°	2090.3	1951.5	1876.8	1802.2	1737.2	1672.1	1603.6	1534.6	1456.1	1377.2	1319.5
15°	1997.9	1871.6	1788.8	1705.5	1618.3	1530.7	1446.6	1362.4	1269.6	1176.8	1111.3
17.5°	1958.0	1792.7	1676.9	1560.6	1445.7	1330.8	1233.2	1135.6	1034.1	932.6	866.2
20°	1915.9	1696.0	1540.7	1385.0	1237.5	1090.0	979.4	868.8	778.2	687.5	636.7
22.5°	1877.7	1593.2	1398.4	1203.2	1028.9	854.5	746.1	637.2	581.7	526.1	505.8
25°	1862.1	1503.4	1264.0	1024.5	840.6	656.3	579.1	501.9	480.6	458.9	448.5
27.5°	1864.7	1423.1	1150.7	877.9	712.2	546.5	493.6	440.7	427.7	414.2	407.7
30°	1874.7	1336.0	1044.0	752.1	615.5	478.9	444.6	409.9	396.0	382.1	373.9
32.5°	1886.0	1257.9	961.6	664.9	553.5	441.6	413.4	384.7	371.3	357.8	349.6
35°	1866.4	1194.1	905.2	616.4	513.6	410.3	386.5	362.2	347.4	332.7	324.9
37.5°	1833.5	1129.9	861.4	592.5	487.5	382.1	364.8	347.0	331.8	316.2	308.8
40°	1803.5	1075.7	828.9	581.7	473.2	364.4	349.6	334.9	319.2	303.2	294.5
42.5°	1779.3	1039.3	796.8	554.3	460.2	365.7	344.8	323.6	308.4	293.2	283.7
45°	1761.0	1015.4	771.6	527.9	448.1	368.3	341.8	315.3	300.2	284.5	273.3
47.5°	1759.3	1002.8	753.9	504.9	425.1	344.8	334.0	323.1	301.0	278.5	265.5
50°	1783.2	982.5	733.0	483.2	403.0	322.7	337.5	351.8	314.0	275.9	259.4
52.5°	1833.0	946.4	700.1	453.7	376.1	298.0	321.0	343.5	311.0	278.0	256.8
55°	1893.3	893.5	650.2	406.4	340.5	274.1	294.5	314.5	294.1	273.3	247.7
57.5°	1931.1	826.7	587.3	347.9	300.6	253.3	265.0	276.3	268.1	259.8	233.8
60°	1908.5	737.8	516.6	295.0	265.5	236.0	233.8	231.2	243.3	255.5	225.6
62.5°	1798.3	645.9	454.1	262.4	240.3	217.7	213.0	207.8	227.7	247.2	215.6
65°	1612.3	581.7	414.7	247.7	222.9	198.2	193.0	187.8	193.9	200.0	185.2
67.5°	1375.9	542.2	392.1	242.0	212.1	181.7	175.7	169.6	168.3	167.0	161.8
70°	1132.1	517.9	377.4	236.8	200.4	163.5	157.9	152.2	150.5	148.3	144.4
72.5°	946.4	514.9	375.6	236.4	190.9	145.3	140.1	134.9	132.7	130.1	127.1
75°	775.1	483.2	356.5	229.9	177.8	125.4	120.6	115.8	114.1	111.9	109.3
77.5°	575.2	399.9	299.7	199.5	152.2	105.0	100.2	95.0	94.6	93.7	91.5
80°	373.0	289.3	214.3	139.2	111.0	82.4	78.5	74.2	74.6	75.0	73.3
82.5°	207.3	168.7	131.0	93.3	75.9	58.6	56.8	54.7	56.0	56.8	54.7
85°	109.3	85.0	70.3	55.5	43.8	32.1	32.1	31.7	33.4	35.1	33.4
87.5°	47.3	29.9	25.6	20.8	11.7	2.2	2.6	2.6	3.5	4.3	3.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	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: P386783

CATALOG NUMBER: GWC-SA2C-727-U-SLL

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2
2.5°	2988.1	2956.5	2924.4	2889.2	2895.7	2868.8	2842.0	2825.0	2808.1	2802.9	2797.7
5°	2414.7	2378.7	2342.3	2309.7	2337.9	2318.8	2299.8	2297.2	2294.1	2294.1	2293.7
7.5°	1786.6	1748.0	1709.0	1682.1	1709.9	1706.4	1702.9	1721.6	1740.2	1755.4	1770.1
10°	1451.8	1404.9	1357.6	1317.7	1310.8	1290.8	1270.5	1274.8	1278.7	1295.2	1311.7
12.5°	1261.8	1205.8	1149.9	1103.0	1081.8	1048.8	1015.4	994.6	973.8	975.9	977.7
15°	1045.3	991.1	936.5	896.1	882.7	857.1	831.5	805.5	779.0	768.2	756.9
17.5°	799.4	756.0	712.2	685.3	685.3	678.0	670.6	657.6	644.1	633.3	622.0
20°	586.0	563.0	539.6	528.3	531.8	532.2	532.2	538.7	545.2	541.8	538.3
22.5°	484.9	476.7	468.5	463.7	465.4	465.9	466.3	472.4	478.0	482.3	486.2
25°	437.7	432.5	427.2	425.5	429.4	429.8	429.8	433.8	437.7	442.0	446.3
27.5°	400.8	398.6	396.5	393.4	397.3	397.3	396.9	401.2	405.1	409.0	412.5
30°	365.7	366.5	367.0	366.1	368.7	370.4	371.7	374.8	377.4	380.4	383.4
32.5°	340.9	339.6	338.3	337.5	343.1	346.1	349.2	352.2	354.8	356.1	357.4
35°	317.1	314.0	311.0	308.8	314.0	317.9	321.8	327.5	332.7	333.6	334.4
37.5°	301.0	297.1	293.2	290.6	292.8	294.5	296.3	302.3	308.4	311.9	314.9
40°	285.8	281.9	278.0	275.9	277.2	277.6	278.0	281.1	283.7	290.2	296.3
42.5°	273.7	268.9	264.2	261.6	262.4	263.3	263.7	263.3	262.9	268.9	275.0
45°	261.6	256.3	251.1	248.1	248.5	248.5	248.5	247.7	246.4	249.4	252.4
47.5°	252.0	245.9	239.9	236.8	236.0	235.1	234.2	233.8	232.9	235.1	236.8
50°	242.5	236.0	229.0	225.6	223.4	222.5	221.6	221.2	220.3	222.5	224.3
52.5°	235.1	227.3	219.5	213.8	211.7	210.4	209.1	209.5	209.5	210.4	210.8
55°	222.1	215.1	207.8	203.9	200.0	199.1	198.2	199.5	200.4	200.4	200.4
57.5°	207.8	201.3	194.3	191.7	188.2	188.2	187.8	189.6	190.9	191.7	192.6
60°	195.2	187.8	180.4	178.3	177.0	176.5	176.1	178.3	180.0	181.7	183.5
62.5°	183.5	175.7	167.9	165.3	164.8	165.3	165.3	167.4	169.2	170.9	172.6
65°	170.5	162.7	154.4	151.8	152.7	154.0	155.3	157.0	158.3	160.1	161.8
67.5°	156.2	149.6	142.7	140.1	140.5	142.3	144.0	145.3	146.2	147.9	149.6
70°	140.5	134.9	129.3	127.5	127.1	129.3	131.0	131.9	132.7	134.9	136.6
72.5°	123.6	118.8	114.1	112.8	113.2	114.5	115.8	117.1	118.0	120.1	121.9
75°	106.3	101.9	97.6	96.7	97.6	98.9	100.2	101.1	101.9	104.5	106.7
77.5°	89.4	84.6	79.4	78.9	80.2	81.5	82.4	83.7	85.0	88.5	92.0
80°	71.6	66.4	60.7	60.3	61.6	62.9	64.2	65.5	66.8	71.1	75.0
82.5°	52.5	46.4	40.3	39.5	43.8	45.1	46.4	48.6	50.3	54.2	58.1
85°	31.7	25.6	19.5	19.1	23.0	25.2	27.3	29.9	32.1	35.6	39.0
87.5°	3.5	1.7	0.0	0.0	0.4	2.2	3.9	6.1	8.2	11.7	14.7
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: P386783  
 CATALOG NUMBER: GWC-SA2C-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: P386783

CATALOG NUMBER: GWC-SA2C-727-U-SLL

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2
2.5°	2778.6	2759.1	2779.1	2798.6	2806.8	2815.1	2793.8	2772.1	2805.9	2839.3	2848.0
5°	2276.3	2258.6	2272.0	2285.0	2255.9	2226.9	2223.9	2220.4	2245.5	2270.7	2274.6
7.5°	1764.5	1758.9	1771.4	1784.0	1747.2	1709.9	1691.6	1673.4	1679.5	1685.6	1684.7
10°	1315.6	1319.0	1334.7	1349.8	1321.2	1292.6	1280.0	1267.4	1281.3	1294.8	1307.3
12.5°	985.5	992.9	1009.3	1025.4	1013.7	1001.5	1002.8	1004.1	1020.2	1035.8	1049.7
15°	765.6	774.2	786.0	797.2	797.7	797.7	808.9	819.8	818.5	817.2	826.7
17.5°	633.7	645.0	646.3	647.6	648.0	648.5	647.6	646.7	640.2	633.7	641.1
20°	542.6	546.5	550.0	553.0	549.1	544.8	534.0	523.1	518.8	514.4	521.4
22.5°	493.6	500.6	497.1	493.2	485.4	477.1	468.9	460.2	459.8	458.9	462.8
25°	452.4	458.0	452.0	445.9	440.3	434.6	429.0	423.3	422.9	422.5	424.2
27.5°	418.1	423.3	417.7	412.1	407.3	402.5	398.2	393.8	393.0	392.1	392.5
30°	388.6	393.4	388.6	383.4	380.0	376.1	373.0	370.0	369.6	369.1	369.1
32.5°	362.2	367.0	363.5	360.0	357.0	353.9	351.8	349.6	347.4	345.3	340.5
35°	339.2	344.0	341.8	339.2	335.7	332.3	328.4	324.0	318.4	312.3	309.7
37.5°	319.7	324.4	322.3	320.1	315.3	310.6	303.6	296.3	294.5	292.3	291.9
40°	304.1	311.4	307.1	302.3	295.0	287.6	284.1	280.6	279.8	278.9	278.0
42.5°	286.7	298.0	290.2	282.4	275.4	268.5	267.6	266.8	266.3	265.9	265.9
45°	265.0	277.2	269.4	261.1	257.2	253.3	253.3	253.3	253.7	253.7	254.6
47.5°	244.6	252.0	248.1	244.2	242.0	239.9	240.3	240.7	242.0	242.9	245.1
50°	227.3	229.9	230.8	231.2	229.9	228.6	229.5	229.9	231.2	232.1	233.8
52.5°	214.7	218.6	218.6	218.2	218.2	218.2	219.0	219.9	221.2	222.5	224.3
55°	206.5	212.1	210.4	208.6	209.1	209.1	209.9	210.8	212.1	213.0	215.6
57.5°	198.7	204.7	203.0	201.3	201.3	201.3	201.7	202.1	203.4	204.3	206.0
60°	189.6	195.6	193.9	191.7	192.2	192.6	193.0	193.0	193.9	194.3	194.3
62.5°	178.7	184.8	183.0	180.9	182.2	183.0	183.0	183.0	183.9	184.3	183.0
65°	167.4	173.1	171.3	169.6	171.3	172.6	173.5	173.9	173.5	173.1	171.8
67.5°	155.3	160.9	159.2	157.0	159.2	160.9	162.7	164.0	162.7	161.4	159.6
70°	142.3	147.9	145.7	143.6	145.7	147.9	149.6	151.4	149.6	147.9	147.5
72.5°	128.4	134.9	132.3	129.7	132.3	134.9	135.8	136.6	135.3	134.0	133.2
75°	113.2	119.7	117.5	114.9	117.1	119.3	119.7	120.1	120.1	119.7	117.1
77.5°	97.2	102.4	101.1	99.8	101.1	102.4	102.4	102.4	102.8	102.8	99.3
80°	78.1	81.1	81.5	82.0	82.4	82.8	82.4	82.0	81.1	80.2	78.1
82.5°	58.1	58.1	61.6	64.6	64.6	64.2	63.8	62.9	61.2	59.0	54.2
85°	36.9	34.7	40.3	45.5	45.5	45.1	44.2	42.9	39.5	35.6	31.7
87.5°	12.6	10.4	16.0	21.7	22.1	22.1	21.3	20.4	16.9	13.0	10.0
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: P386783  
 CATALOG NUMBER: GWC-SA2C-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: P386783

CATALOG NUMBER: GWC-SA2C-727-U-SLL

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2
2.5°	2861.0	2866.7	2871.9	2914.4	2956.5	3005.9	3055.4	3093.1	3130.4	3169.0	3207.6
5°	2288.0	2295.0	2301.9	2353.5	2404.7	2473.7	2542.7	2602.1	2661.5	2731.3	2801.2
7.5°	1696.0	1711.2	1725.9	1781.0	1835.6	1909.8	1983.6	2061.2	2138.4	2229.5	2320.6
10°	1332.1	1360.7	1388.9	1445.3	1501.7	1575.0	1647.8	1728.9	1810.1	1899.8	1989.2
12.5°	1078.3	1116.5	1154.2	1221.9	1289.5	1377.2	1464.4	1554.6	1644.4	1723.3	1802.2
15°	851.9	893.5	934.7	1006.3	1077.9	1174.2	1270.0	1368.5	1466.5	1561.1	1655.6
17.5°	664.5	698.8	732.6	793.3	853.6	946.9	1040.1	1143.4	1246.6	1362.0	1476.9
20°	536.1	550.4	564.7	608.6	651.9	727.8	803.3	908.7	1014.1	1152.0	1290.0
22.5°	469.8	477.1	484.1	505.3	526.1	575.2	623.7	717.0	809.8	960.3	1110.4
25°	429.8	435.5	441.1	455.0	468.9	492.3	515.7	581.2	646.7	794.6	942.1
27.5°	393.8	402.5	410.8	417.3	423.3	439.4	455.0	497.9	540.9	678.8	816.3
30°	367.8	370.9	373.9	383.9	393.4	409.9	426.4	456.3	486.2	602.9	719.2
32.5°	337.5	341.8	346.1	356.5	367.0	382.1	397.3	421.6	445.5	545.2	644.6
35°	310.1	314.5	318.8	329.2	339.2	355.7	371.7	392.1	412.1	498.8	585.6
37.5°	293.2	297.6	301.9	311.0	319.7	336.2	352.2	368.3	383.9	464.1	544.4
40°	278.9	283.2	287.6	296.3	304.5	320.5	336.2	349.6	363.1	438.1	513.1
42.5°	266.3	271.1	275.9	284.5	292.8	307.1	321.4	339.2	356.5	415.5	474.1
45°	255.9	260.7	265.0	274.6	284.1	298.0	311.9	336.6	361.3	403.8	446.3
47.5°	246.4	251.6	256.3	266.8	277.2	294.5	311.4	332.3	352.6	394.7	436.8
50°	237.3	243.3	249.4	262.0	274.1	303.2	331.8	334.9	337.5	387.3	436.8
52.5°	228.6	235.5	242.5	258.1	273.3	307.1	340.9	330.1	318.8	373.5	428.1
55°	219.9	226.0	231.6	250.7	269.8	294.5	319.2	304.9	290.2	347.4	404.7
57.5°	208.2	214.7	220.8	241.2	261.6	278.9	295.8	282.8	269.4	317.9	366.1
60°	196.1	203.4	210.8	236.8	262.4	259.4	255.9	253.3	250.3	285.0	319.7
62.5°	185.2	193.0	200.8	234.7	268.5	247.7	226.9	229.0	230.8	256.3	281.9
65°	174.4	182.2	189.6	206.5	223.4	215.1	206.9	210.4	213.4	238.6	263.7
67.5°	162.2	169.2	175.7	181.3	186.9	187.8	188.7	192.2	195.6	225.6	255.0
70°	148.8	154.4	160.1	164.0	167.4	169.2	170.5	174.8	179.1	211.7	244.2
72.5°	133.6	138.4	142.7	146.2	149.6	150.9	151.8	156.2	160.5	195.2	229.9
75°	117.1	121.0	124.5	127.5	130.6	132.3	134.0	137.1	140.1	177.8	215.1
77.5°	98.9	102.8	106.3	108.9	111.0	112.8	114.1	118.0	121.9	153.5	184.8
80°	77.2	82.0	86.3	88.5	90.2	90.7	90.7	94.1	97.6	120.1	142.3
82.5°	54.7	59.9	64.6	66.4	68.1	68.1	68.1	72.0	75.9	91.1	105.8
85°	32.1	37.7	42.9	44.7	46.4	47.3	47.7	49.4	50.7	61.6	72.0
87.5°	10.0	14.7	19.1	20.0	20.8	22.6	24.3	24.7	24.7	32.1	39.5
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



REPORT NUMBER: P386783

CATALOG NUMBER: GWC-SA2C-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: P386783  
 CATALOG NUMBER: GWC-SA2C-727-U-SLL

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2
2.5°	3251.8	3296.1	3347.7	3398.9	3442.7	3486.5	3522.9
5°	2890.1	2979.0	3087.9	3196.3	3293.1	3389.8	3502.1
7.5°	2435.5	2550.5	2691.4	2832.4	2969.0	3105.2	3277.9
10°	2106.3	2223.0	2372.2	2521.0	2674.5	2827.6	3022.8
12.5°	1897.2	1991.8	2136.2	2280.7	2461.1	2641.1	2828.9
15°	1759.3	1862.5	2003.1	2143.6	2341.0	2538.3	2754.3
17.5°	1612.3	1747.2	1927.2	2107.2	2341.0	2574.3	2828.9
20°	1458.3	1626.1	1859.5	2092.9	2407.8	2722.2	3047.1
22.5°	1304.7	1499.1	1798.3	2097.2	2508.8	2920.0	3358.6
25°	1166.4	1390.6	1761.0	2131.0	2655.9	3180.3	3724.2
27.5°	1061.4	1306.0	1745.9	2185.2	2842.4	3499.5	4122.0
30°	968.1	1217.1	1727.6	2238.2	3022.0	3805.3	4433.0
32.5°	887.5	1130.4	1692.5	2254.2	3147.3	4040.4	4696.2
35°	824.1	1062.7	1633.5	2204.3	3225.8	4247.3	4970.4
37.5°	769.5	994.6	1566.3	2138.0	3295.7	4453.3	5278.8
40°	717.4	921.7	1508.6	2095.0	3391.9	4688.9	5604.5
42.5°	668.0	861.9	1462.2	2062.5	3481.3	4899.7	5889.5
45°	631.1	815.9	1421.0	2025.6	3539.0	5052.4	6104.2
47.5°	612.9	788.6	1398.9	2008.7	3596.7	5184.2	6282.5
50°	610.3	783.8	1424.0	2064.2	3721.6	5378.5	6486.3
52.5°	609.9	791.6	1496.4	2201.3	3953.7	5705.6	6707.1
55°	600.7	796.4	1582.8	2368.7	4265.1	6161.0	7104.0
57.5°	573.0	779.9	1671.7	2563.0	4594.3	6625.1	7551.2
60°	530.0	740.0	1745.0	2749.6	4815.5	6881.1	7723.4
62.5°	476.3	670.1	1769.3	2868.0	4809.5	6750.9	7549.9
65°	430.3	596.8	1689.5	2781.7	4566.1	6350.1	7206.8
67.5°	389.5	523.5	1489.9	2455.9	4128.5	5800.6	6770.5
70°	360.0	475.4	1232.7	1990.1	3580.6	5170.8	6265.1
72.5°	341.4	452.4	1005.0	1557.2	2905.7	4253.8	5359.0
75°	315.8	416.4	788.6	1160.3	2223.9	3287.4	4047.8
77.5°	268.1	350.9	594.2	837.6	1631.8	2425.5	2815.1
80°	206.9	271.1	408.6	546.1	1123.0	1699.9	1919.4
82.5°	147.5	189.1	247.7	306.2	746.1	1185.4	1203.7
85°	91.1	110.2	141.8	173.5	493.6	813.7	678.0
87.5°	49.0	58.6	75.0	91.1	157.9	224.7	129.3
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: P386783  
 CATALOG NUMBER: GWC-SA2C-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

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

Scaled Data Report



Signify Classified - Internal  
Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



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

Scaled Data Report







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

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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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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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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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
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Signify Classified - Internal  
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Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)