

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: P386335

Luminaire Tested: **GWC-SA2A-727-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P386335
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GWC-SA2A-727-U-SLL
Description: GALLEON WALL LUMINAIRE
(2) 70 CRI, 2700K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7149 lumens
Efficiency: N/A
Efficacy: 108.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G3

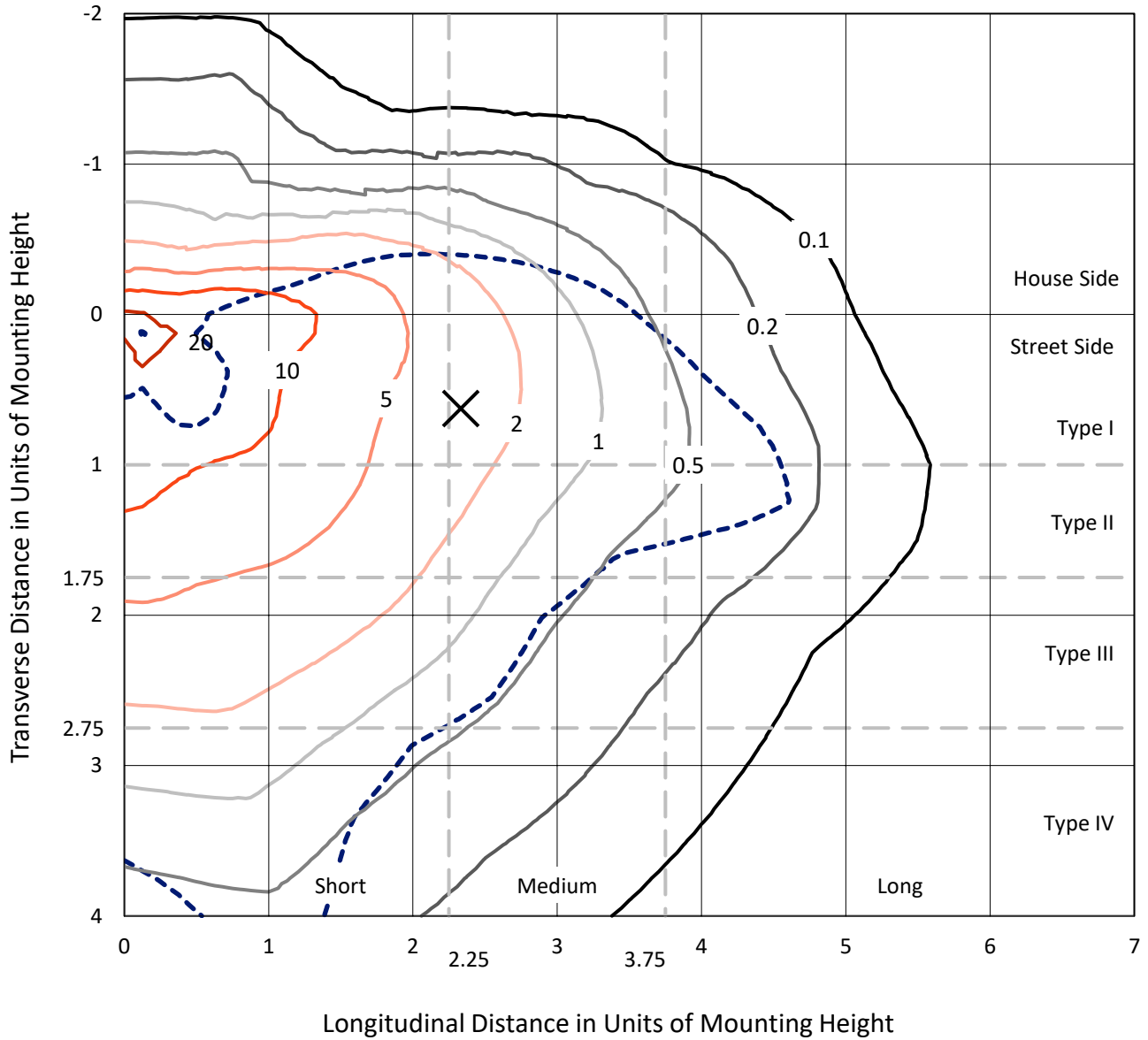
Input Watts (W): 66
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

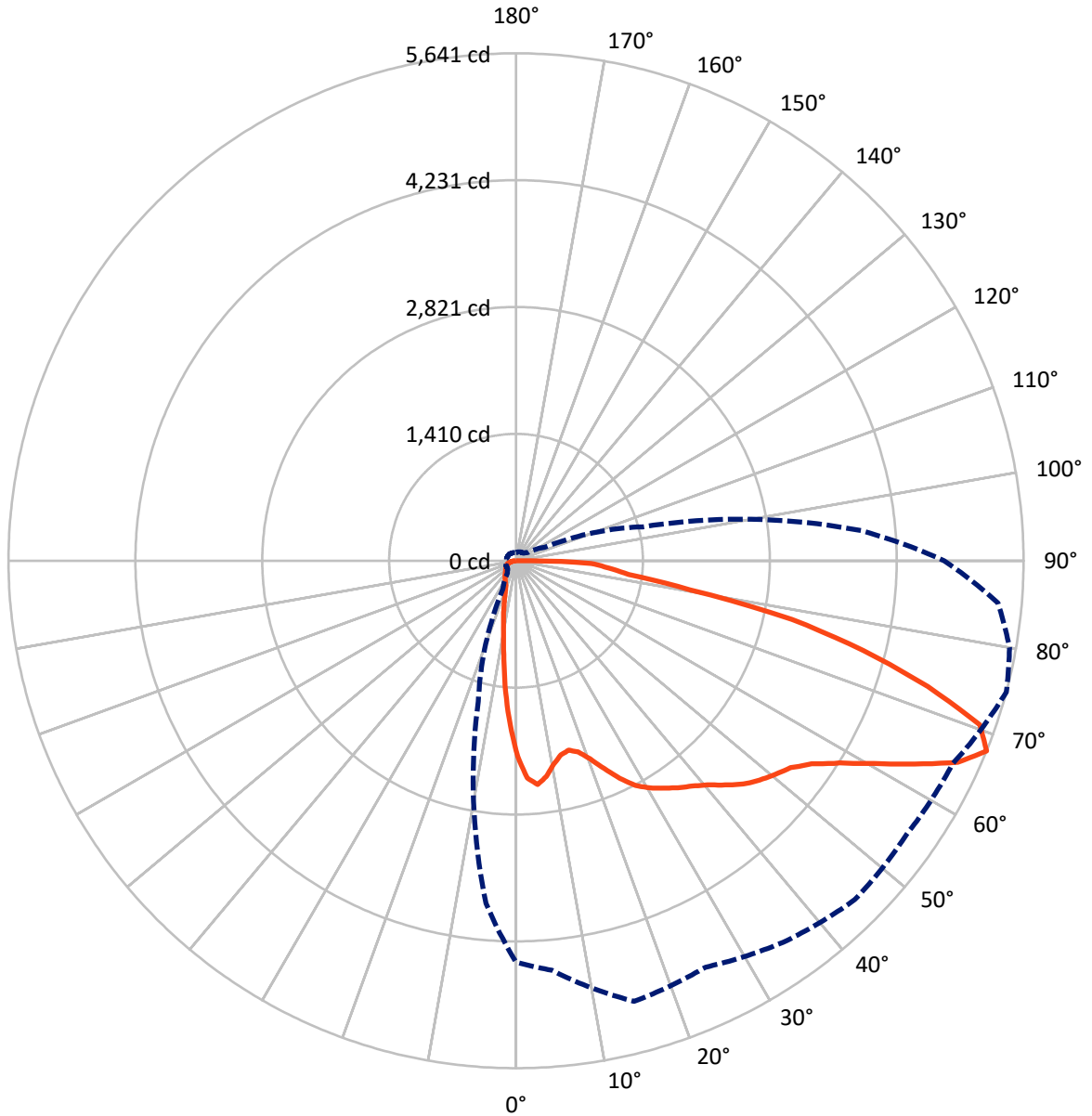
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 27.4 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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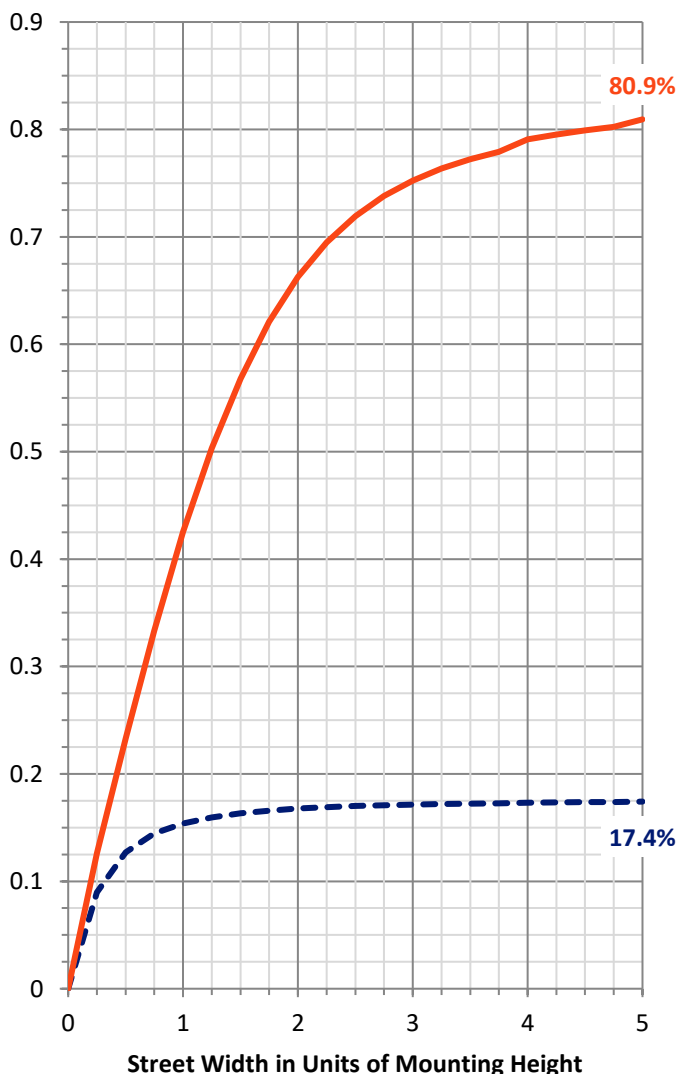
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1259.1	0.0	1259.1
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	5889.9	0.0	5889.9
	% Fixture	82.4	0.0	82.4
Total	Lumens	7149.0	0.0	7149.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	168.1	2.4
10°-20°	349.2	4.9
20°-30°	496.6	6.9
30°-40°	715.6	10.0
40°-50°	1008.5	14.1
50°-60°	1402.0	19.6
60°-70°	1695.5	23.7
70°-80°	1042.2	14.6
80°-90°	271.2	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	7149.0	100.0
0°-180°	7149.0	100.0

Coefficient of Utilization



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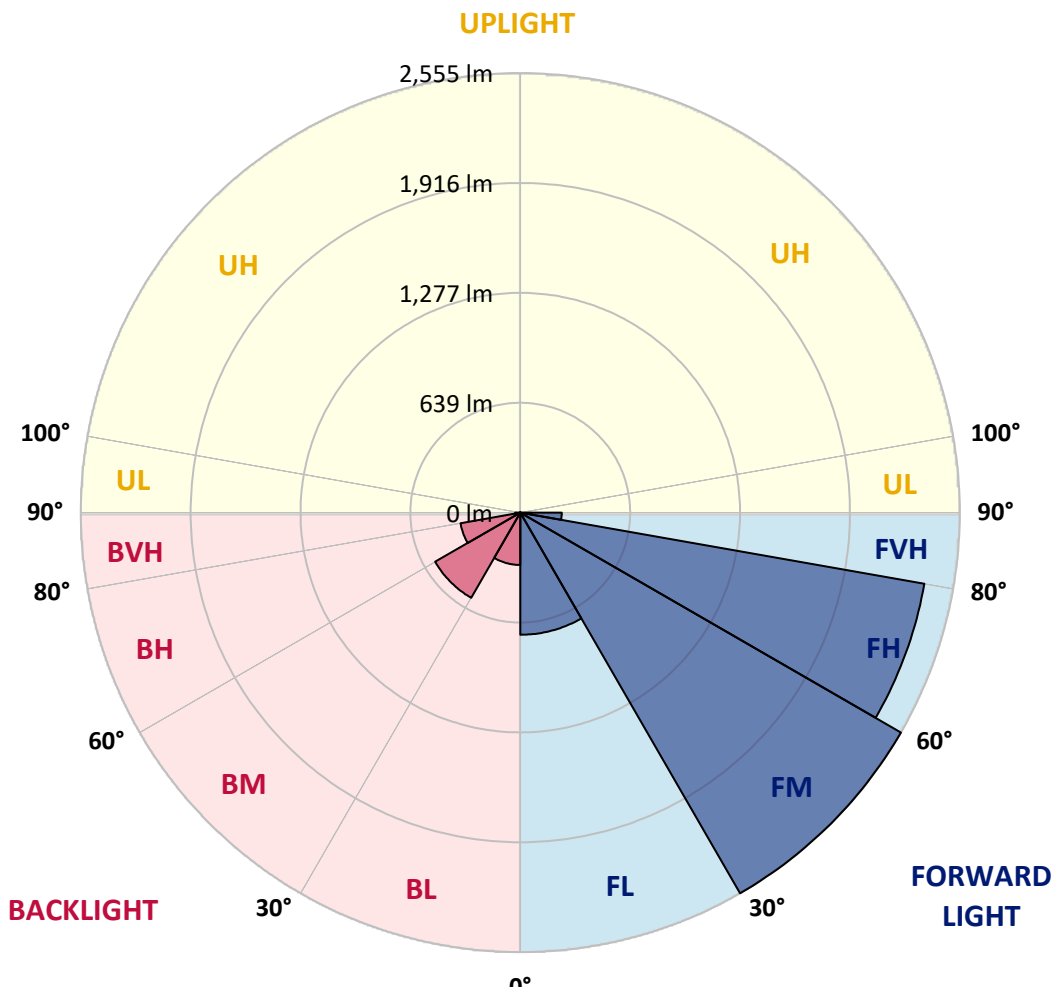
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	709.8	9.9			
FM (30°-60°)	2554.7	35.7			
FH (60°-80°)	2384.7	33.4			G2/5000
FVH (80°-90°)	240.7	3.4			G3/500
BL (0°-30°)	304.1	4.3	B1/500		
BM (30°-60°)	571.5	8.0	B1/1000		
BH (60°-80°)	353.0	4.9	B1/500		G1/500
BVH (80°-90°)	30.5	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°	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0
2.5°	2321.5	2352.0	2373.2	2394.1	2410.4	2426.4	2449.8	2473.2	2477.8	2482.1	2472.9
5°	2307.7	2382.3	2445.8	2509.0	2567.6	2626.1	2661.3	2696.5	2703.6	2710.8	2688.7
7.5°	2160.0	2270.0	2380.1	2490.1	2591.0	2691.9	2753.3	2814.5	2828.5	2842.2	2806.2
10°	1991.9	2120.0	2255.1	2390.3	2523.3	2656.2	2745.1	2833.9	2851.7	2869.4	2824.5
12.5°	1864.1	2003.9	2148.3	2292.6	2432.9	2573.0	2665.0	2757.1	2779.1	2801.1	2768.5
15°	1815.0	1968.2	2103.9	2239.7	2362.0	2484.1	2559.6	2634.7	2643.9	2652.7	2647.6
17.5°	1864.1	2033.1	2156.0	2278.6	2345.2	2411.5	2441.8	2471.8	2481.8	2491.5	2504.7
20°	2007.9	2190.3	2276.9	2363.2	2360.3	2357.2	2342.6	2327.7	2325.2	2322.6	2359.8
22.5°	2213.1	2424.9	2459.5	2493.8	2413.5	2333.2	2284.3	2235.1	2225.4	2215.4	2254.9
25°	2454.1	2679.6	2673.3	2666.7	2513.8	2360.6	2267.4	2174.3	2163.4	2152.5	2186.3
27.5°	2716.2	2931.7	2890.5	2849.4	2641.6	2433.8	2298.6	2163.4	2152.5	2141.7	2171.4
30°	2921.1	3116.6	3050.6	2984.6	2749.3	2514.1	2353.5	2192.8	2175.1	2157.1	2193.7
32.5°	3094.6	3261.0	3172.4	3083.8	2836.8	2589.8	2416.1	2242.3	2214.6	2186.8	2235.7
35°	3275.3	3405.0	3280.4	3155.5	2914.8	2673.9	2490.1	2306.0	2272.0	2238.0	2305.2
37.5°	3478.5	3586.2	3407.3	3228.1	3002.6	2777.1	2601.0	2424.6	2389.8	2354.9	2440.6
40°	3693.1	3782.9	3544.2	3305.6	3098.6	2891.7	2754.5	2617.0	2583.8	2550.4	2654.4
42.5°	3880.9	3946.4	3671.7	3397.0	3214.4	3031.4	2934.8	2837.9	2837.7	2837.1	2942.6
45°	4022.4	4079.3	3778.0	3476.5	3327.3	3177.8	3127.5	3077.2	3117.5	3157.8	3253.2
47.5°	4139.9	4178.5	3867.2	3555.6	3456.5	3357.3	3364.7	3372.1	3454.2	3536.2	3597.7
50°	4274.2	4243.1	3948.1	3652.8	3622.2	3591.7	3658.5	3725.1	3819.5	3913.5	3955.2
52.5°	4419.7	4337.1	4057.8	3778.3	3812.6	3846.9	3983.0	4119.0	4214.2	4309.4	4325.1
55°	4681.2	4554.6	4259.6	3964.4	4030.4	4096.1	4295.9	4495.4	4569.7	4644.1	4649.8
57.5°	4975.9	4863.6	4542.3	4221.0	4291.9	4362.8	4593.5	4823.8	4904.2	4984.2	4973.0
60°	5089.4	5094.8	4810.7	4526.3	4597.8	4669.2	4893.9	5118.5	5210.9	5302.9	5278.3
62.5°	4975.0	5109.1	4957.3	4805.3	4870.1	4934.7	5154.8	5374.9	5469.5	5564.1	5521.3
65°	4749.0	4881.9	4949.9	5017.9	5039.4	5060.8	5266.3	5471.5	5544.1	5616.4	5594.7
67.5°	4461.4	4568.9	4819.8	5070.5	5027.4	4984.2	5080.5	5176.8	5251.4	5326.0	5313.7
70°	4128.4	4256.5	4591.2	4925.9	4713.8	4501.4	4461.7	4422.0	4502.6	4582.9	4533.2
72.5°	3531.4	3724.6	4081.6	4438.3	4047.5	3656.8	3521.1	3385.3	3487.3	3589.4	3510.2
75°	2667.3	2923.7	3318.1	3712.3	3246.1	2779.9	2598.7	2417.5	2505.2	2593.0	2538.7
77.5°	1855.0	2176.5	2565.0	2953.4	2479.5	2005.3	1870.7	1735.8	1762.1	1788.1	1779.0
80°	1264.8	1476.3	1747.2	2017.9	1702.4	1386.8	1397.4	1407.7	1395.4	1382.8	1401.1
82.5°	793.2	942.1	1151.3	1360.2	1192.7	1025.2	1121.3	1217.3	1170.2	1122.7	1140.4
85°	446.7	537.6	742.3	946.6	882.3	817.7	874.0	930.1	856.9	783.7	816.0
87.5°	85.2	141.8	410.7	679.4	616.8	554.2	481.6	409.0	312.1	215.2	314.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0
2.5°	2463.8	2458.9	2454.1	2436.6	2418.9	2392.6	2370.9	2333.2	2312.6	2281.4	2250.3
5°	2666.4	2635.6	2604.7	2551.5	2498.1	2438.6	2370.3	2294.6	2237.4	2163.1	2088.8
7.5°	2770.2	2698.2	2625.9	2523.8	2421.5	2329.5	2221.4	2120.8	2035.1	1938.5	1841.8
10°	2779.6	2671.6	2563.3	2430.6	2297.7	2186.0	2061.6	1949.9	1847.0	1736.1	1624.9
12.5°	2735.6	2620.7	2505.5	2359.5	2213.1	2086.2	1952.5	1827.3	1713.2	1591.2	1468.8
15°	2642.4	2550.7	2458.7	2321.7	2184.8	2056.8	1927.0	1778.7	1649.8	1524.9	1399.7
17.5°	2517.5	2474.1	2430.4	2331.5	2232.3	2121.4	1995.6	1821.6	1670.6	1534.9	1399.1
20°	2396.6	2412.6	2428.4	2388.9	2349.5	2260.6	2150.8	1955.3	1762.7	1585.2	1407.4
22.5°	2294.0	2370.9	2447.5	2478.1	2508.4	2454.9	2369.2	2143.1	1888.2	1656.3	1424.5
25°	2219.7	2347.2	2474.7	2576.4	2677.9	2654.2	2588.1	2371.2	2054.5	1759.0	1463.1
27.5°	2201.1	2357.5	2513.8	2671.6	2829.1	2851.1	2832.8	2611.6	2252.9	1886.4	1519.7
30°	2230.3	2388.6	2546.7	2738.8	2930.6	3018.3	3042.9	2811.9	2479.5	2035.1	1590.3
32.5°	2284.6	2439.8	2595.0	2804.2	3013.2	3145.8	3224.1	2995.1	2637.6	2147.1	1656.3
35°	2372.3	2517.5	2662.7	2880.5	3098.3	3269.8	3412.7	3184.4	2777.9	2225.4	1672.6
37.5°	2526.1	2651.0	2775.9	2977.1	3178.1	3400.4	3615.1	3392.7	2929.7	2300.9	1671.8
40°	2758.5	2846.8	2934.8	3104.9	3274.7	3554.5	3844.3	3625.1	3097.5	2382.6	1667.8
42.5°	3048.0	3093.5	3138.6	3273.3	3407.9	3715.4	4052.4	3852.3	3257.5	2458.7	1659.8
45°	3348.4	3360.4	3372.4	3457.3	3541.9	3842.9	4194.2	4023.0	3397.3	2524.7	1651.8
47.5°	3658.8	3617.7	3576.5	3610.2	3644.0	3940.7	4295.4	4152.4	3537.6	2597.9	1657.8
50°	3997.0	3882.3	3767.7	3750.0	3732.3	4038.4	4414.5	4317.1	3706.3	2704.5	1702.7
52.5°	4340.5	4151.6	3962.7	3892.6	3822.3	4155.0	4572.6	4522.0	3946.9	2869.7	1792.1
55°	4655.5	4415.1	4174.7	4080.4	3986.1	4333.4	4765.5	4823.0	4255.3	3080.9	1906.2
57.5°	4961.6	4689.2	4416.8	4329.4	4241.9	4595.5	5009.9	5093.1	4566.9	3283.5	1999.9
60°	5253.7	4984.2	4714.4	4644.3	4574.0	4921.3	5274.0	5213.4	4727.5	3378.4	2029.1
62.5°	5478.4	5264.0	5049.6	5012.8	4975.6	5250.9	5477.0	5166.5	4625.5	3285.0	1944.5
65°	5573.0	5450.9	5328.6	5363.2	5397.5	5500.1	5527.5	5029.4	4304.8	3023.2	1741.5
67.5°	5301.2	5326.0	5350.9	5496.1	5641.0	5570.4	5377.2	4759.0	3848.3	2652.2	1456.0
70°	4483.1	4632.3	4781.3	5124.8	5468.1	5311.5	4974.5	4273.6	3299.0	2224.9	1150.4
72.5°	3430.7	3598.5	3766.0	4275.9	4785.5	4641.2	4228.5	3510.2	2645.0	1776.7	908.1
75°	2484.1	2673.6	2862.8	3425.3	3987.8	3787.4	3162.9	2513.2	2009.1	1356.2	703.1
77.5°	1769.5	1896.4	2023.3	2579.0	3134.3	2807.9	2105.4	1691.2	1390.5	942.6	494.5
80°	1419.4	1380.5	1341.7	1651.2	1960.8	1906.4	1392.5	1086.1	962.4	631.7	301.0
82.5°	1157.9	1063.0	968.1	1113.9	1259.6	1251.6	966.4	796.9	716.3	439.0	161.8
85°	848.0	810.0	772.0	900.9	1029.8	919.8	654.5	506.5	558.5	323.3	88.0
87.5°	413.6	472.5	531.1	683.1	834.9	626.8	198.6	98.3	136.1	89.5	42.6
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: P386335
 CATALOG NUMBER: GWC-SA2A-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: P386335
 CATALOG NUMBER: GWC-SA2A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0
2.5°	2227.1	2203.7	2177.1	2150.5	2120.2	2089.7	2071.6	2053.4	2033.6	2013.9	1991.6
5°	2039.6	1990.5	1934.7	1879.0	1823.8	1768.7	1739.0	1709.2	1677.8	1646.1	1618.6
7.5°	1770.4	1698.7	1621.5	1544.0	1475.4	1406.5	1364.0	1321.1	1282.2	1243.0	1210.2
10°	1533.4	1442.0	1364.5	1286.8	1235.0	1183.3	1144.2	1105.0	1067.3	1029.3	993.0
12.5°	1377.4	1285.9	1236.8	1187.6	1144.7	1101.9	1056.7	1011.2	959.5	907.5	869.5
15°	1316.5	1233.3	1178.7	1123.9	1066.4	1008.7	953.2	897.8	836.6	775.4	732.3
17.5°	1290.2	1181.3	1105.0	1028.4	952.7	876.9	812.6	748.3	681.4	614.5	570.8
20°	1262.5	1117.6	1015.2	912.6	815.5	718.3	645.4	572.5	512.8	453.0	419.6
22.5°	1237.3	1049.8	921.5	792.9	678.0	563.1	491.6	419.9	383.3	346.7	333.3
25°	1227.0	990.7	832.9	675.1	553.9	432.5	381.6	330.7	316.7	302.4	295.5
27.5°	1228.8	937.8	758.3	578.5	469.3	360.1	325.3	290.4	281.8	273.0	268.7
30°	1235.3	880.3	688.0	495.6	405.6	315.5	293.0	270.1	261.0	251.8	246.4
32.5°	1242.8	828.9	633.7	438.2	364.7	291.0	272.4	253.5	244.7	235.8	230.4
35°	1229.9	786.9	596.5	406.2	338.4	270.4	254.7	238.7	228.9	219.2	214.1
37.5°	1208.2	744.6	567.6	390.4	321.3	251.8	240.4	228.7	218.7	208.4	203.5
40°	1188.5	708.8	546.2	383.3	311.8	240.1	230.4	220.7	210.4	199.8	194.1
42.5°	1172.4	684.8	525.1	365.3	303.3	240.9	227.2	213.2	203.2	193.2	186.9
45°	1160.4	669.1	508.5	347.8	295.3	242.7	225.2	207.8	197.8	187.5	180.1
47.5°	1159.3	660.8	496.8	332.7	280.1	227.2	220.1	212.9	198.4	183.5	174.9
50°	1175.0	647.4	483.0	318.4	265.5	212.7	222.4	231.8	206.9	181.8	170.9
52.5°	1207.9	623.7	461.3	299.0	247.8	196.4	211.5	226.4	204.9	183.2	169.2
55°	1247.6	588.8	428.4	267.8	224.4	180.6	194.1	207.2	193.8	180.1	163.2
57.5°	1272.5	544.8	387.0	229.2	198.1	166.9	174.6	182.1	176.6	171.2	154.1
60°	1257.6	486.2	340.4	194.4	174.9	155.5	154.1	152.3	160.3	168.4	148.6
62.5°	1185.0	425.6	299.3	172.9	158.3	143.5	140.3	136.9	150.1	162.9	142.1
65°	1062.4	383.3	273.2	163.2	146.9	130.6	127.2	123.8	127.8	131.8	122.0
67.5°	906.6	357.3	258.4	159.5	139.8	119.8	115.8	111.8	110.9	110.0	106.6
70°	746.0	341.3	248.7	156.1	132.1	107.8	104.0	100.3	99.2	97.8	95.2
72.5°	623.7	339.3	247.5	155.8	125.8	95.8	92.3	88.9	87.5	85.7	83.7
75°	510.8	318.4	234.9	151.5	117.2	82.6	79.5	76.3	75.2	73.7	72.0
77.5°	379.0	263.5	197.5	131.5	100.3	69.2	66.0	62.6	62.3	61.7	60.3
80°	245.8	190.6	141.2	91.7	73.2	54.3	51.7	48.9	49.2	49.4	48.3
82.5°	136.6	111.2	86.3	61.5	50.0	38.6	37.4	36.0	36.9	37.4	36.0
85°	72.0	56.0	46.3	36.6	28.9	21.2	21.2	20.9	22.0	23.2	22.0
87.5°	31.2	19.7	16.9	13.7	7.7	1.4	1.7	1.7	2.3	2.9	2.6
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: P386335
 CATALOG NUMBER: GWC-SA2A-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: P386335

CATALOG NUMBER: GWC-SA2A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0
2.5°	1969.0	1948.2	1927.0	1903.9	1908.2	1890.4	1872.7	1861.6	1850.4	1847.0	1843.6
5°	1591.2	1567.5	1543.4	1522.0	1540.6	1528.0	1515.4	1513.7	1511.7	1511.7	1511.4
7.5°	1177.3	1151.9	1126.1	1108.4	1126.7	1124.4	1122.1	1134.4	1146.7	1156.7	1166.4
10°	956.7	925.8	894.6	868.3	863.8	850.6	837.2	840.0	842.6	853.5	864.3
12.5°	831.5	794.6	757.7	726.8	712.8	691.1	669.1	655.4	641.7	643.1	644.2
15°	688.8	653.1	617.1	590.5	581.7	564.8	547.9	530.8	513.3	506.2	498.8
17.5°	526.8	498.2	469.3	451.6	451.6	446.7	441.9	433.3	424.4	417.3	409.9
20°	386.1	371.0	355.6	348.1	350.4	350.7	350.7	355.0	359.3	357.0	354.7
22.5°	319.6	314.1	308.7	305.5	306.7	307.0	307.3	311.3	315.0	317.8	320.4
25°	288.4	285.0	281.5	280.4	283.0	283.3	283.3	285.8	288.4	291.3	294.1
27.5°	264.1	262.7	261.2	259.2	261.8	261.8	261.5	264.4	267.0	269.5	271.8
30°	240.9	241.5	241.8	241.2	243.0	244.1	245.0	247.0	248.7	250.7	252.7
32.5°	224.7	223.8	222.9	222.4	226.1	228.1	230.1	232.1	233.8	234.7	235.5
35°	208.9	206.9	204.9	203.5	206.9	209.5	212.1	215.8	219.2	219.8	220.4
37.5°	198.4	195.8	193.2	191.5	192.9	194.1	195.2	199.2	203.2	205.5	207.5
40°	188.4	185.8	183.2	181.8	182.6	182.9	183.2	185.2	186.9	191.2	195.2
42.5°	180.4	177.2	174.1	172.4	172.9	173.5	173.8	173.5	173.2	177.2	181.2
45°	172.4	168.9	165.5	163.5	163.8	163.8	163.8	163.2	162.3	164.3	166.3
47.5°	166.1	162.1	158.1	156.1	155.5	154.9	154.3	154.1	153.5	154.9	156.1
50°	159.8	155.5	150.9	148.6	147.2	146.6	146.1	145.8	145.2	146.6	147.8
52.5°	154.9	149.8	144.6	140.9	139.5	138.6	137.8	138.1	138.1	138.6	138.9
55°	146.3	141.8	136.9	134.3	131.8	131.2	130.6	131.5	132.1	132.1	132.1
57.5°	136.9	132.6	128.0	126.3	124.0	124.0	123.8	124.9	125.8	126.3	126.9
60°	128.6	123.8	118.9	117.5	116.6	116.3	116.0	117.5	118.6	119.8	120.9
62.5°	120.9	115.8	110.6	108.9	108.6	108.9	108.9	110.3	111.5	112.6	113.8
65°	112.3	107.2	101.8	100.0	100.6	101.5	102.3	103.5	104.3	105.5	106.6
67.5°	102.9	98.6	94.0	92.3	92.6	93.8	94.9	95.8	96.3	97.5	98.6
70°	92.6	88.9	85.2	84.0	83.7	85.2	86.3	86.9	87.5	88.9	90.0
72.5°	81.5	78.3	75.2	74.3	74.6	75.5	76.3	77.2	77.7	79.2	80.3
75°	70.0	67.2	64.3	63.7	64.3	65.2	66.0	66.6	67.2	68.9	70.3
77.5°	58.9	55.7	52.3	52.0	52.9	53.7	54.3	55.2	56.0	58.3	60.6
80°	47.2	43.7	40.0	39.7	40.6	41.4	42.3	43.2	44.0	46.9	49.4
82.5°	34.6	30.6	26.6	26.0	28.9	29.7	30.6	32.0	33.2	35.7	38.3
85°	20.9	16.9	12.9	12.6	15.1	16.6	18.0	19.7	21.2	23.4	25.7
87.5°	2.3	1.1	0.0	0.0	0.3	1.4	2.6	4.0	5.4	7.7	9.7
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: P386335
 CATALOG NUMBER: GWC-SA2A-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: P386335

CATALOG NUMBER: GWC-SA2A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0
2.5°	1831.0	1818.1	1831.3	1844.1	1849.6	1855.0	1841.0	1826.7	1849.0	1871.0	1876.7
5°	1500.0	1488.3	1497.1	1505.7	1486.6	1467.4	1465.4	1463.1	1479.7	1496.3	1498.9
7.5°	1162.7	1159.0	1167.3	1175.6	1151.3	1126.7	1114.7	1102.7	1106.7	1110.7	1110.1
10°	866.9	869.2	879.5	889.5	870.6	851.8	843.5	835.2	844.3	853.2	861.5
12.5°	649.4	654.3	665.1	675.7	668.0	660.0	660.8	661.7	672.3	682.5	691.7
15°	504.5	510.2	517.9	525.3	525.6	525.6	533.1	540.2	539.3	538.5	544.8
17.5°	417.6	425.0	425.9	426.7	427.0	427.3	426.7	426.2	421.9	417.6	422.4
20°	357.6	360.1	362.4	364.4	361.9	359.0	351.8	344.7	341.8	339.0	343.6
22.5°	325.3	329.8	327.6	325.0	319.8	314.4	309.0	303.3	303.0	302.4	305.0
25°	298.1	301.8	297.8	293.8	290.1	286.4	282.7	279.0	278.7	278.4	279.5
27.5°	275.5	279.0	275.2	271.5	268.4	265.2	262.4	259.5	259.0	258.4	258.7
30°	256.1	259.2	256.1	252.7	250.4	247.8	245.8	243.8	243.5	243.2	243.2
32.5°	238.7	241.8	239.5	237.2	235.2	233.2	231.8	230.4	228.9	227.5	224.4
35°	223.5	226.7	225.2	223.5	221.2	218.9	216.4	213.5	209.8	205.8	204.1
37.5°	210.7	213.8	212.4	210.9	207.8	204.6	200.1	195.2	194.1	192.6	192.4
40°	200.4	205.2	202.4	199.2	194.4	189.5	187.2	184.9	184.4	183.8	183.2
42.5°	188.9	196.4	191.2	186.1	181.5	176.9	176.4	175.8	175.5	175.2	175.2
45°	174.6	182.6	177.5	172.1	169.5	166.9	166.9	166.9	167.2	167.2	167.8
47.5°	161.2	166.1	163.5	160.9	159.5	158.1	158.3	158.6	159.5	160.1	161.5
50°	149.8	151.5	152.1	152.3	151.5	150.6	151.2	151.5	152.3	152.9	154.1
52.5°	141.5	144.1	144.1	143.8	143.8	143.8	144.3	144.9	145.8	146.6	147.8
55°	136.1	139.8	138.6	137.5	137.8	137.8	138.3	138.9	139.8	140.3	142.1
57.5°	130.9	134.9	133.8	132.6	132.6	132.6	132.9	133.2	134.1	134.6	135.8
60°	124.9	128.9	127.8	126.3	126.6	126.9	127.2	127.2	127.8	128.0	128.0
62.5°	117.8	121.8	120.6	119.2	120.0	120.6	120.6	120.6	121.2	121.5	120.6
65°	110.3	114.0	112.9	111.8	112.9	113.8	114.3	114.6	114.3	114.0	113.2
67.5°	102.3	106.0	104.9	103.5	104.9	106.0	107.2	108.0	107.2	106.3	105.2
70°	93.8	97.5	96.0	94.6	96.0	97.5	98.6	99.8	98.6	97.5	97.2
72.5°	84.6	88.9	87.2	85.5	87.2	88.9	89.5	90.0	89.2	88.3	87.7
75°	74.6	78.9	77.5	75.7	77.2	78.6	78.9	79.2	79.2	78.9	77.2
77.5°	64.0	67.5	66.6	65.7	66.6	67.5	67.5	67.5	67.7	67.7	65.5
80°	51.4	53.4	53.7	54.0	54.3	54.6	54.3	54.0	53.4	52.9	51.4
82.5°	38.3	38.3	40.6	42.6	42.6	42.3	42.0	41.4	40.3	38.9	35.7
85°	24.3	22.9	26.6	30.0	30.0	29.7	29.2	28.3	26.0	23.4	20.9
87.5°	8.3	6.9	10.6	14.3	14.6	14.6	14.0	13.4	11.1	8.6	6.6
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: P386335
 CATALOG NUMBER: GWC-SA2A-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: P386335
 CATALOG NUMBER: GWC-SA2A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0
2.5°	1885.3	1889.0	1892.4	1920.4	1948.2	1980.8	2013.3	2038.2	2062.8	2088.2	2113.7
5°	1507.7	1512.3	1516.9	1550.9	1584.6	1630.1	1675.5	1714.7	1753.8	1799.8	1845.8
7.5°	1117.6	1127.6	1137.3	1173.6	1209.6	1258.5	1307.1	1358.2	1409.1	1469.1	1529.2
10°	877.8	896.6	915.2	952.4	989.5	1037.8	1085.8	1139.3	1192.7	1251.9	1310.8
12.5°	710.6	735.7	760.6	805.2	849.8	907.5	964.9	1024.4	1083.6	1135.6	1187.6
15°	561.4	588.8	616.0	663.1	710.3	773.7	836.9	901.8	966.4	1028.7	1091.0
17.5°	437.9	460.5	482.8	522.8	562.5	624.0	685.4	753.4	821.5	897.5	973.2
20°	353.3	362.7	372.1	401.0	429.6	479.6	529.3	598.8	668.3	759.1	850.0
22.5°	309.5	314.4	319.0	333.0	346.7	379.0	411.0	472.5	533.6	632.8	731.7
25°	283.3	287.0	290.7	299.8	309.0	324.4	339.8	383.0	426.2	523.6	620.8
27.5°	259.5	265.2	270.7	275.0	279.0	289.5	299.8	328.1	356.4	447.3	537.9
30°	242.4	244.4	246.4	253.0	259.2	270.1	281.0	300.7	320.4	397.3	473.9
32.5°	222.4	225.2	228.1	234.9	241.8	251.8	261.8	277.8	293.5	359.3	424.7
35°	204.4	207.2	210.1	216.9	223.5	234.4	245.0	258.4	271.5	328.7	385.9
37.5°	193.2	196.1	198.9	204.9	210.7	221.5	232.1	242.7	253.0	305.8	358.7
40°	183.8	186.6	189.5	195.2	200.6	211.2	221.5	230.4	239.2	288.7	338.1
42.5°	175.5	178.6	181.8	187.5	192.9	202.4	211.8	223.5	234.9	273.8	312.4
45°	168.6	171.8	174.6	180.9	187.2	196.4	205.5	221.8	238.1	266.1	294.1
47.5°	162.3	165.8	168.9	175.8	182.6	194.1	205.2	218.9	232.4	260.1	287.8
50°	156.3	160.3	164.3	172.6	180.6	199.8	218.7	220.7	222.4	255.2	287.8
52.5°	150.6	155.2	159.8	170.1	180.1	202.4	224.7	217.5	210.1	246.1	282.1
55°	144.9	148.9	152.6	165.2	177.8	194.1	210.4	200.9	191.2	228.9	266.7
57.5°	137.2	141.5	145.5	158.9	172.4	183.8	194.9	186.4	177.5	209.5	241.2
60°	129.2	134.1	138.9	156.1	172.9	170.9	168.6	166.9	164.9	187.8	210.7
62.5°	122.0	127.2	132.3	154.6	176.9	163.2	149.5	150.9	152.1	168.9	185.8
65°	114.9	120.0	124.9	136.1	147.2	141.8	136.3	138.6	140.6	157.2	173.8
67.5°	106.9	111.5	115.8	119.5	123.2	123.8	124.3	126.6	128.9	148.6	168.1
70°	98.0	101.8	105.5	108.0	110.3	111.5	112.3	115.2	118.0	139.5	160.9
72.5°	88.0	91.2	94.0	96.3	98.6	99.5	100.0	102.9	105.8	128.6	151.5
75°	77.2	79.7	82.0	84.0	86.0	87.2	88.3	90.3	92.3	117.2	141.8
77.5°	65.2	67.7	70.0	71.7	73.2	74.3	75.2	77.7	80.3	101.2	121.8
80°	50.9	54.0	56.9	58.3	59.5	59.7	59.7	62.0	64.3	79.2	93.8
82.5°	36.0	39.4	42.6	43.7	44.9	44.9	44.9	47.4	50.0	60.0	69.7
85°	21.2	24.9	28.3	29.4	30.6	31.2	31.4	32.6	33.4	40.6	47.4
87.5°	6.6	9.7	12.6	13.1	13.7	14.9	16.0	16.3	16.3	21.2	26.0
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: P386335
 CATALOG NUMBER: GWC-SA2A-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: P386335
 CATALOG NUMBER: GWC-SA2A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0
2.5°	2142.8	2172.0	2206.0	2239.7	2268.6	2297.5	2321.5
5°	1904.4	1963.0	2034.8	2106.2	2170.0	2233.7	2307.7
7.5°	1604.9	1680.6	1773.5	1866.4	1956.5	2046.2	2160.0
10°	1388.0	1464.8	1563.2	1661.2	1762.4	1863.3	1991.9
12.5°	1250.2	1312.5	1407.7	1502.9	1621.8	1740.4	1864.1
15°	1159.3	1227.3	1319.9	1412.5	1542.6	1672.6	1815.0
17.5°	1062.4	1151.3	1269.9	1388.5	1542.6	1696.4	1864.1
20°	960.9	1071.6	1225.3	1379.1	1586.6	1793.8	2007.9
22.5°	859.8	987.8	1185.0	1382.0	1653.2	1924.2	2213.1
25°	768.6	916.4	1160.4	1404.3	1750.1	2095.7	2454.1
27.5°	699.4	860.6	1150.4	1440.0	1873.0	2306.0	2716.2
30°	638.0	802.0	1138.4	1474.9	1991.3	2507.5	2921.1
32.5°	584.8	744.9	1115.3	1485.4	2073.9	2662.4	3094.6
35°	543.1	700.3	1076.4	1452.6	2125.7	2798.8	3275.3
37.5°	507.1	655.4	1032.1	1408.8	2171.7	2934.6	3478.5
40°	472.8	607.4	994.1	1380.5	2235.1	3089.8	3693.1
42.5°	440.2	567.9	963.5	1359.1	2294.0	3228.7	3880.9
45°	415.9	537.6	936.4	1334.8	2332.0	3329.3	4022.4
47.5°	403.9	519.6	921.8	1323.6	2370.0	3416.2	4139.9
50°	402.2	516.5	938.4	1360.2	2452.4	3544.2	4274.2
52.5°	401.9	521.6	986.1	1450.6	2605.3	3759.7	4419.7
55°	395.9	524.8	1043.0	1560.9	2810.5	4059.8	4681.2
57.5°	377.6	513.9	1101.6	1688.9	3027.4	4365.7	4975.9
60°	349.3	487.6	1149.9	1811.8	3173.2	4534.3	5089.4
62.5°	313.8	441.6	1165.9	1889.9	3169.2	4448.6	4975.0
65°	283.5	393.3	1113.3	1833.0	3008.9	4184.5	4749.0
67.5°	256.7	345.0	981.8	1618.3	2720.5	3822.3	4461.4
70°	237.2	313.3	812.3	1311.4	2359.5	3407.3	4128.4
72.5°	224.9	298.1	662.3	1026.1	1914.7	2803.1	3531.4
75°	208.1	274.4	519.6	764.6	1465.4	2166.3	2667.3
77.5°	176.6	231.2	391.6	551.9	1075.3	1598.3	1855.0
80°	136.3	178.6	269.2	359.9	740.0	1120.1	1264.8
82.5°	97.2	124.6	163.2	201.8	491.6	781.2	793.2
85°	60.0	72.6	93.5	114.3	325.3	536.2	446.7
87.5°	32.3	38.6	49.4	60.0	104.0	148.1	85.2
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: P386335
 CATALOG NUMBER: GWC-SA2A-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

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

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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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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
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Peachtree City, GA 30269

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Peachtree City, GA 30269

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Peachtree City, GA 30269

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Scaled Data Report



(END OF REPORT)