

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: P386167

Luminaire Tested: **GWC-SA1D-735-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P386167
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-SA1D-735-U-SLL
Description: GALLEON WALL LUMINAIRE
(1) 70 CRI, 3500K, 1200mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6841.6 lumens
Efficiency: N/A
Efficacy: 102.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G3

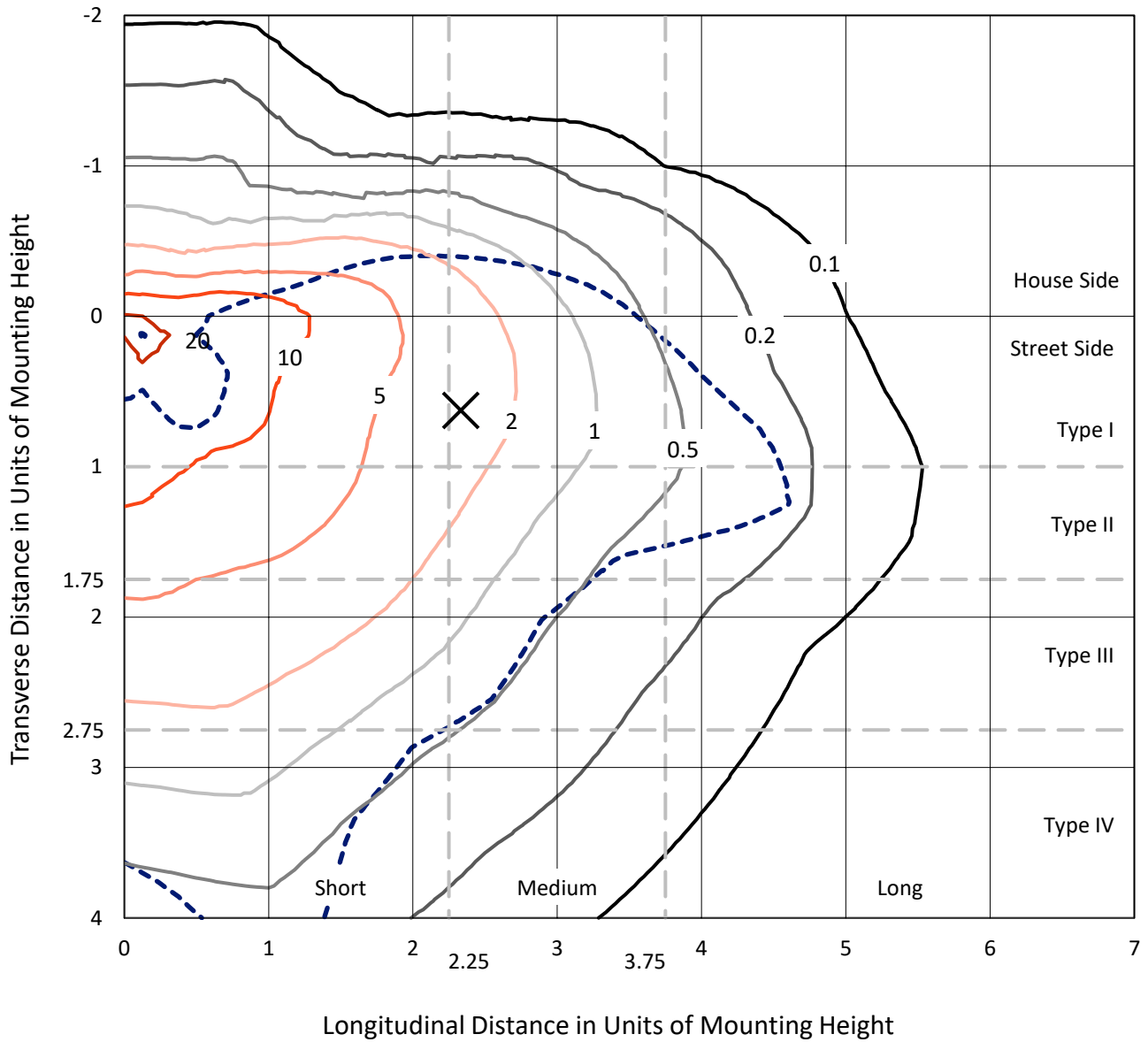
Input Watts (W): 67
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

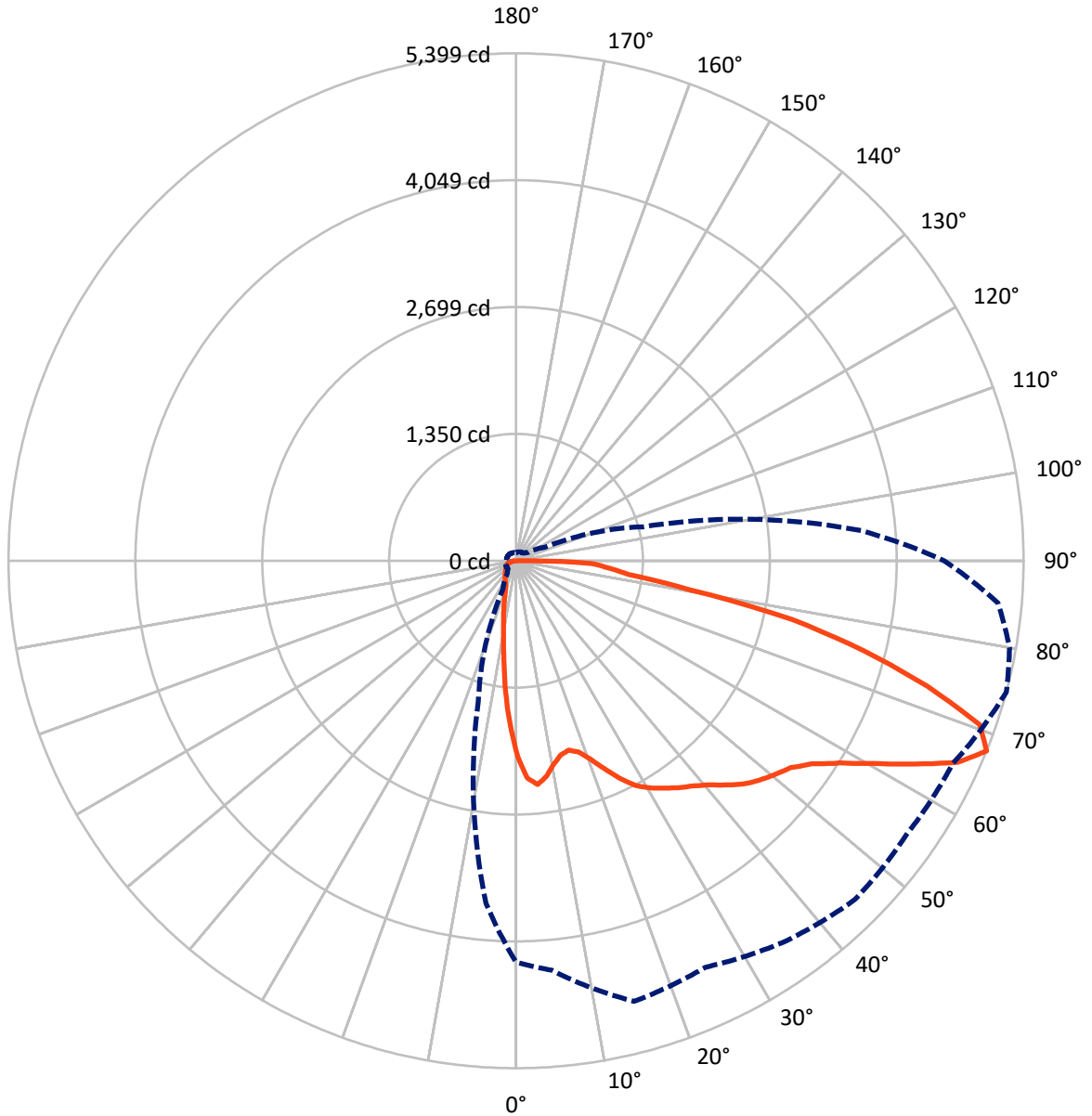
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 26.2 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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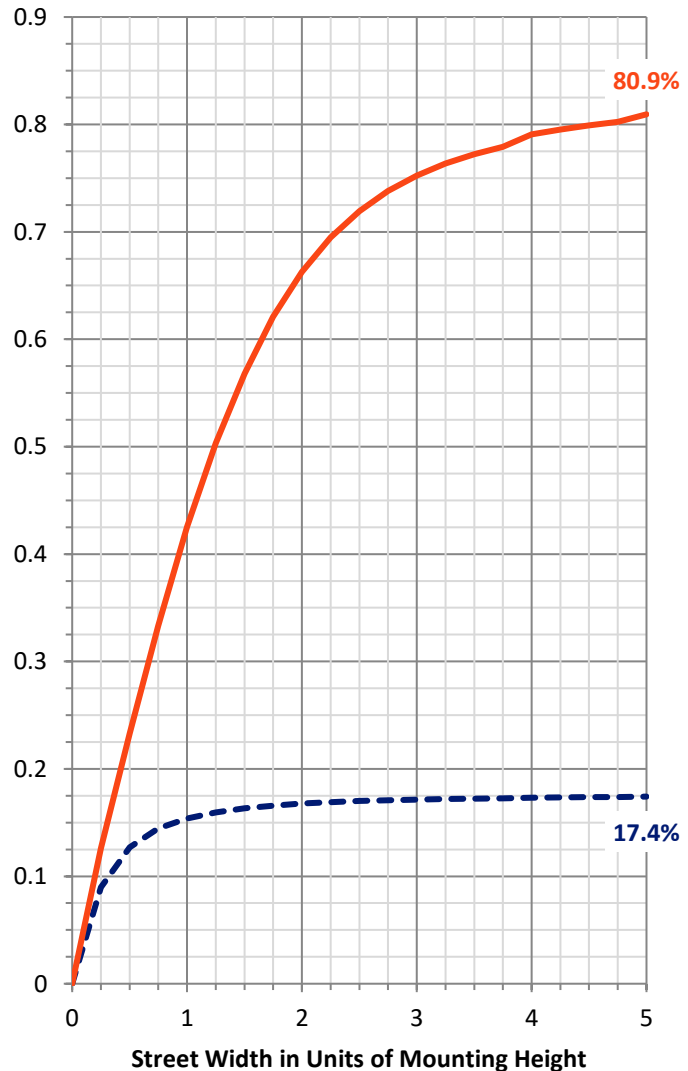
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1205.0	0.0	1205.0
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	5636.6	0.0	5636.6
	% Fixture	82.4	0.0	82.4
Total	Lumens	6841.6	0.0	6841.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	160.9	2.4
10°-20°	334.2	4.9
20°-30°	475.3	6.9
30°-40°	684.9	10.0
40°-50°	965.2	14.1
50°-60°	1341.8	19.6
60°-70°	1622.6	23.7
70°-80°	997.4	14.6
80°-90°	259.5	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	6841.6	100.0
0°-180°	6841.6	100.0

Coefficient of Utilization



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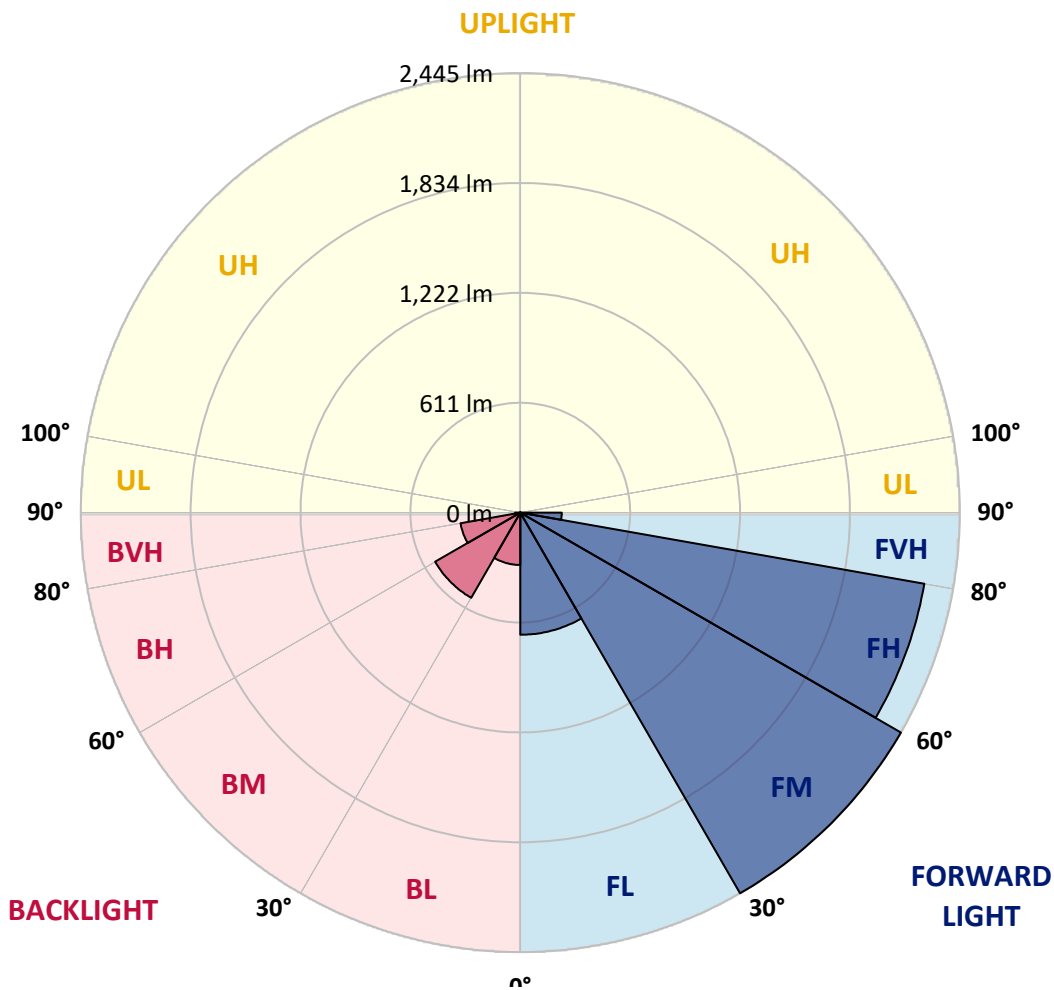
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	679.3	9.9			
FM (30°-60°)	2444.8	35.7			
FH (60°-80°)	2282.1	33.4			G2/5000
FVH (80°-90°)	230.4	3.4			G3/500
BL (0°-30°)	291.0	4.3	B1/500		
BM (30°-60°)	547.0	8.0	B1/1000		
BH (60°-80°)	337.8	4.9	B1/500		G1/500
BVH (80°-90°)	29.2	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: 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°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	2221.7	2250.9	2271.2	2291.1	2306.7	2322.0	2344.4	2366.9	2371.2	2375.4	2366.6
5°	2208.5	2279.9	2340.6	2401.1	2457.2	2513.3	2546.9	2580.5	2587.4	2594.2	2573.1
7.5°	2067.1	2172.4	2277.7	2383.1	2479.6	2576.1	2634.9	2693.5	2706.9	2720.0	2685.5
10°	1906.2	2028.8	2158.2	2287.5	2414.7	2541.9	2627.0	2712.1	2729.0	2746.0	2703.1
12.5°	1784.0	1917.8	2055.9	2194.0	2328.3	2462.3	2550.5	2638.5	2659.6	2680.7	2649.5
15°	1736.9	1883.6	2013.5	2143.4	2260.5	2377.3	2449.5	2521.4	2530.2	2538.7	2533.7
17.5°	1784.0	1945.7	2063.3	2180.6	2244.3	2307.8	2336.8	2365.5	2375.1	2384.4	2397.0
20°	1921.5	2096.1	2178.9	2261.6	2258.9	2255.9	2241.9	2227.7	2225.2	2222.7	2258.3
22.5°	2118.0	2320.7	2353.7	2386.6	2309.7	2232.8	2186.1	2139.0	2129.7	2120.1	2157.9
25°	2348.6	2564.4	2558.3	2552.1	2405.7	2259.1	2169.9	2080.8	2070.3	2060.0	2092.2
27.5°	2599.4	2805.6	2766.2	2726.9	2528.0	2329.1	2199.8	2070.3	2060.0	2049.6	2078.0
30°	2795.5	2982.6	2919.4	2856.2	2631.1	2406.0	2252.3	2098.5	2081.6	2064.3	2099.4
32.5°	2961.5	3120.8	3035.9	2951.2	2714.8	2478.5	2312.2	2145.9	2119.4	2092.8	2139.6
35°	3134.4	3258.6	3139.4	3019.8	2789.5	2558.9	2383.1	2206.8	2174.3	2141.7	2206.1
37.5°	3328.9	3432.0	3260.8	3089.3	2873.5	2657.6	2489.1	2320.4	2287.0	2253.6	2335.7
40°	3534.4	3620.2	3391.8	3163.4	2965.4	2767.4	2636.0	2504.5	2472.8	2440.7	2540.3
42.5°	3714.1	3776.6	3513.8	3251.0	3076.1	2901.1	2808.6	2715.9	2715.6	2715.1	2816.0
45°	3849.4	3903.8	3615.5	3327.0	3184.2	3041.2	2993.0	2944.9	2983.4	3022.0	3113.3
47.5°	3961.9	3998.8	3700.9	3402.8	3307.9	3212.9	3220.1	3227.2	3305.6	3384.2	3443.0
50°	4090.4	4060.6	3778.3	3495.8	3466.5	3437.2	3501.2	3565.0	3655.3	3745.3	3785.2
52.5°	4229.6	4150.6	3883.4	3615.8	3648.7	3681.5	3811.7	3941.9	4033.0	4124.0	4139.2
55°	4480.0	4358.8	4076.5	3793.9	3857.1	3920.0	4111.3	4302.1	4373.3	4444.4	4449.8
57.5°	4762.0	4654.4	4347.0	4039.6	4107.4	4175.2	4396.0	4616.5	4693.3	4769.9	4759.3
60°	4870.6	4875.7	4603.9	4331.6	4400.0	4468.4	4683.4	4898.5	4986.8	5074.9	5051.3
62.5°	4761.1	4889.5	4744.1	4598.6	4660.7	4722.5	4933.2	5143.8	5234.3	5324.9	5283.8
65°	4544.8	4672.0	4737.1	4802.2	4822.7	4843.2	5039.8	5236.3	5305.7	5374.9	5354.2
67.5°	4269.5	4372.4	4612.6	4852.5	4811.2	4769.9	4862.0	4954.3	5025.7	5097.1	5085.2
70°	3950.9	4073.5	4393.7	4714.1	4511.2	4307.9	4269.8	4231.9	4309.0	4385.8	4338.2
72.5°	3379.5	3564.4	3906.1	4247.5	3873.5	3499.6	3369.7	3239.7	3337.4	3435.1	3359.3
75°	2552.6	2798.0	3175.4	3552.7	3106.5	2660.4	2487.0	2313.5	2397.5	2481.5	2429.6
77.5°	1775.3	2082.9	2454.7	2826.4	2372.9	1919.1	1790.3	1661.1	1686.3	1711.2	1702.5
80°	1210.4	1412.8	1672.1	1931.1	1629.2	1327.2	1337.3	1347.2	1335.3	1323.3	1340.9
82.5°	759.0	901.5	1101.8	1301.7	1141.5	981.2	1073.1	1164.9	1119.9	1074.5	1091.4
85°	427.5	514.5	710.4	906.0	844.4	782.6	836.4	890.1	820.1	750.0	780.9
87.5°	81.5	135.6	393.0	650.2	590.3	530.4	460.9	391.4	298.7	206.0	300.9
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):

	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°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	2357.9	2353.2	2348.6	2331.9	2314.9	2289.8	2268.9	2232.8	2213.1	2183.3	2153.6
5°	2551.8	2522.3	2492.7	2441.9	2390.7	2333.8	2268.4	2195.9	2141.3	2070.1	1999.0
7.5°	2651.1	2582.1	2513.0	2415.3	2317.4	2229.3	2125.9	2029.7	1947.6	1855.1	1762.7
10°	2660.1	2556.7	2453.0	2326.1	2198.9	2092.0	1973.0	1866.0	1767.6	1661.4	1555.1
12.5°	2618.0	2508.0	2397.8	2258.0	2118.0	1996.5	1868.5	1748.7	1639.5	1522.8	1405.7
15°	2528.8	2441.0	2352.9	2221.9	2090.9	1968.3	1844.1	1702.2	1578.8	1459.3	1339.5
17.5°	2409.3	2367.7	2325.8	2231.2	2136.3	2030.1	1909.8	1743.2	1598.8	1468.8	1338.9
20°	2293.6	2308.9	2324.0	2286.2	2248.4	2163.4	2058.3	1871.3	1686.9	1517.0	1346.9
22.5°	2195.4	2268.9	2342.3	2371.5	2400.5	2349.4	2267.3	2051.0	1806.9	1585.1	1363.2
25°	2124.3	2246.3	2368.2	2465.6	2562.8	2540.0	2476.8	2269.2	1966.2	1683.3	1400.3
27.5°	2106.5	2256.1	2405.7	2556.7	2707.4	2728.5	2711.0	2499.3	2156.0	1805.3	1454.4
30°	2134.4	2285.9	2437.2	2621.0	2804.6	2888.5	2912.0	2691.0	2372.9	1947.6	1521.9
32.5°	2186.3	2334.9	2483.4	2683.7	2883.6	3010.5	3085.4	2866.4	2524.2	2054.8	1585.1
35°	2270.3	2409.3	2548.2	2756.7	2965.1	3129.2	3266.0	3047.4	2658.5	2129.7	1600.7
37.5°	2417.5	2537.0	2656.6	2849.1	3041.4	3254.2	3459.7	3246.8	2803.7	2201.9	1599.9
40°	2639.9	2724.4	2808.6	2971.4	3133.9	3401.6	3679.0	3469.3	2964.3	2280.2	1596.0
42.5°	2917.0	2960.5	3003.7	3132.5	3261.4	3555.7	3878.2	3686.7	3117.5	2352.9	1588.4
45°	3204.5	3215.9	3227.4	3308.6	3389.6	3677.6	4013.8	3850.0	3251.2	2416.1	1580.7
47.5°	3501.5	3462.1	3422.7	3455.0	3487.3	3771.2	4110.7	3973.9	3385.5	2486.1	1586.5
50°	3825.1	3715.4	3605.7	3588.8	3571.8	3864.8	4224.7	4131.5	3546.9	2588.2	1629.5
52.5°	4153.9	3973.1	3792.2	3725.3	3658.0	3976.4	4376.0	4327.6	3777.2	2746.3	1715.1
55°	4455.4	4225.3	3995.2	3905.0	3814.7	4147.0	4560.7	4615.6	4072.4	2948.4	1824.2
57.5°	4748.3	4487.6	4226.9	4143.2	4059.5	4397.9	4794.5	4874.1	4370.5	3142.4	1913.9
60°	5027.8	4769.9	4511.6	4444.6	4377.4	4709.7	5047.3	4989.2	4524.2	3233.2	1941.8
62.5°	5242.9	5037.7	4832.5	4797.2	4761.7	5025.1	5241.4	4944.4	4426.6	3143.7	1860.8
65°	5333.3	5216.5	5099.5	5132.6	5165.4	5263.6	5289.9	4813.1	4119.7	2893.1	1666.7
67.5°	5073.2	5097.1	5120.8	5259.8	5398.5	5330.9	5146.0	4554.4	3682.9	2538.1	1393.4
70°	4290.4	4433.2	4575.7	4904.5	5233.0	5083.1	4760.6	4089.8	3157.1	2129.2	1101.0
72.5°	3283.2	3443.8	3604.1	4092.1	4579.7	4441.6	4046.6	3359.3	2531.3	1700.3	869.0
75°	2377.3	2558.6	2739.7	3278.0	3816.4	3624.6	3026.9	2405.2	1922.7	1298.0	672.9
77.5°	1693.4	1814.9	1936.4	2468.1	2999.6	2687.2	2014.8	1618.5	1330.7	902.1	473.2
80°	1358.4	1321.2	1284.0	1580.2	1876.4	1824.5	1332.6	1039.4	921.0	604.5	288.0
82.5°	1108.1	1017.3	926.4	1065.9	1205.4	1197.8	924.8	762.6	685.5	420.2	154.8
85°	811.5	775.2	738.8	862.2	985.5	880.2	626.4	484.7	534.5	309.3	84.3
87.5°	395.8	452.1	508.2	653.7	799.0	599.9	190.1	94.1	130.2	85.6	40.8
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: P386167
 CATALOG NUMBER: GWC-SA1D-735-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: P386167

CATALOG NUMBER: GWC-SA1D-735-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	2131.4	2108.9	2083.5	2058.0	2029.1	1999.8	1982.6	1965.0	1946.2	1927.4	1905.9
5°	1952.0	1904.9	1851.5	1798.2	1745.4	1692.6	1664.1	1635.8	1605.6	1575.3	1549.1
7.5°	1694.3	1625.6	1551.8	1477.7	1412.0	1346.1	1305.3	1264.2	1227.0	1189.6	1158.2
10°	1467.5	1380.0	1305.9	1231.5	1181.9	1132.4	1095.0	1057.5	1021.4	985.0	950.3
12.5°	1318.2	1230.6	1183.5	1136.6	1095.5	1054.5	1011.3	967.8	918.3	868.5	832.1
15°	1259.9	1180.3	1128.0	1075.5	1020.6	965.3	912.2	859.2	800.6	742.1	700.8
17.5°	1234.7	1130.6	1057.5	984.2	911.7	839.2	777.6	716.1	652.1	588.1	546.3
20°	1208.2	1069.5	971.6	873.4	780.4	687.4	617.7	547.9	490.7	433.5	401.6
22.5°	1184.1	1004.7	881.9	758.7	648.8	538.8	470.4	401.8	366.8	331.8	318.9
25°	1174.2	948.0	797.1	646.1	530.1	413.9	365.1	316.5	303.0	289.4	282.9
27.5°	1175.9	897.5	725.7	553.7	449.1	344.7	311.3	277.9	269.7	261.2	257.1
30°	1182.2	842.4	658.4	474.3	388.2	302.0	280.4	258.5	249.7	241.0	235.8
32.5°	1189.4	793.2	606.4	419.3	349.0	278.4	260.7	242.6	234.2	225.6	220.5
35°	1177.1	753.0	570.9	388.7	323.9	258.8	243.7	228.4	219.1	209.8	204.9
37.5°	1156.2	712.5	543.3	373.7	307.5	241.0	230.1	218.8	209.3	199.4	194.7
40°	1137.3	678.3	522.7	366.8	298.4	229.8	220.5	211.2	201.3	191.2	185.7
42.5°	1122.0	655.4	502.5	349.5	290.2	230.6	217.5	204.0	194.5	184.9	178.9
45°	1110.6	640.4	486.6	332.9	282.6	232.2	215.6	198.9	189.3	179.4	172.3
47.5°	1109.4	632.4	475.4	318.4	268.1	217.5	210.6	203.8	189.9	175.6	167.4
50°	1124.5	619.5	462.3	304.7	254.1	203.5	212.8	221.8	198.0	174.0	163.5
52.5°	1155.9	596.9	441.5	286.1	237.2	187.9	202.4	216.6	196.1	175.3	162.0
55°	1194.0	563.4	410.0	256.3	214.7	172.8	185.7	198.3	185.4	172.3	156.2
57.5°	1217.7	521.4	370.4	219.3	189.6	159.7	167.1	174.3	169.0	163.8	147.4
60°	1203.6	465.3	325.8	186.0	167.4	148.8	147.4	145.8	153.5	161.1	142.2
62.5°	1134.0	407.3	286.4	165.5	151.5	137.3	134.3	131.0	143.6	155.9	135.9
65°	1016.7	366.8	261.5	156.2	140.6	125.0	121.7	118.5	122.3	126.1	116.8
67.5°	867.6	341.9	247.2	152.7	133.8	114.6	110.8	107.0	106.2	105.3	102.0
70°	713.9	326.6	237.9	149.4	126.3	103.1	99.6	96.0	94.9	93.6	91.1
72.5°	596.9	324.7	236.9	149.1	120.3	91.6	88.4	85.1	83.7	82.1	80.1
75°	488.8	304.7	224.9	144.9	112.2	79.1	76.0	73.0	72.0	70.5	69.0
77.5°	362.7	252.2	189.0	125.8	96.0	66.2	63.2	59.9	59.7	59.1	57.7
80°	235.2	182.4	135.1	87.8	70.0	51.9	49.5	46.8	47.1	47.3	46.2
82.5°	130.8	106.4	82.6	58.8	47.9	36.9	35.8	34.5	35.3	35.8	34.5
85°	69.0	53.6	44.3	35.0	27.6	20.2	20.2	20.0	21.0	22.2	21.0
87.5°	29.8	18.9	16.2	13.2	7.4	1.4	1.6	1.6	2.2	2.7	2.4
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: P386167
 CATALOG NUMBER: GWC-SA1D-735-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: P386167
 CATALOG NUMBER: GWC-SA1D-735-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	1884.3	1864.4	1844.1	1822.0	1826.1	1809.2	1792.2	1781.6	1770.9	1767.6	1764.3
5°	1522.8	1500.0	1477.1	1456.5	1474.4	1462.4	1450.2	1448.6	1446.8	1446.8	1446.5
7.5°	1126.7	1102.4	1077.8	1060.8	1078.2	1076.1	1073.9	1085.7	1097.4	1107.0	1116.3
10°	915.5	885.9	856.2	831.0	826.6	814.1	801.2	803.9	806.4	816.8	827.1
12.5°	795.7	760.4	725.1	695.6	682.2	661.4	640.4	627.2	614.1	615.5	616.5
15°	659.2	625.0	590.6	565.1	556.7	540.5	524.4	507.9	491.3	484.4	477.3
17.5°	504.1	476.7	449.1	432.2	432.2	427.5	422.9	414.6	406.2	399.3	392.3
20°	369.6	355.1	340.2	333.2	335.4	335.6	335.6	339.7	343.8	341.7	339.5
22.5°	305.8	300.6	295.4	292.4	293.5	293.7	294.0	297.9	301.5	304.2	306.6
25°	276.0	272.7	269.4	268.3	270.8	271.1	271.1	273.6	276.0	278.7	281.4
27.5°	252.8	251.4	250.0	248.1	250.5	250.5	250.3	253.0	255.5	258.0	260.1
30°	230.6	231.1	231.4	230.9	232.5	233.6	234.4	236.4	237.9	239.9	241.8
32.5°	215.0	214.2	213.3	212.8	216.3	218.3	220.2	222.1	223.8	224.6	225.4
35°	200.0	198.0	196.1	194.7	198.0	200.5	203.0	206.5	209.8	210.3	210.9
37.5°	189.9	187.4	184.9	183.3	184.6	185.7	186.8	190.7	194.5	196.7	198.6
40°	180.3	177.8	175.3	174.0	174.8	175.1	175.3	177.3	178.9	183.0	186.8
42.5°	172.6	169.6	166.6	165.0	165.5	166.0	166.3	166.0	165.8	169.6	173.4
45°	165.0	161.7	158.4	156.5	156.7	156.7	156.7	156.2	155.4	157.3	159.2
47.5°	158.9	155.1	151.2	149.4	148.8	148.2	147.7	147.4	146.9	148.2	149.4
50°	152.9	148.8	144.4	142.2	140.9	140.3	139.8	139.5	138.9	140.3	141.4
52.5°	148.2	143.4	138.4	134.9	133.5	132.6	131.8	132.1	132.1	132.6	132.9
55°	140.1	135.6	131.0	128.6	126.1	125.6	125.0	125.8	126.3	126.3	126.3
57.5°	131.0	126.9	122.5	120.9	118.7	118.7	118.5	119.5	120.3	120.9	121.5
60°	123.1	118.5	113.8	112.4	111.6	111.3	111.0	112.4	113.5	114.6	115.7
62.5°	115.7	110.8	105.9	104.2	103.9	104.2	104.2	105.6	106.7	107.7	108.9
65°	107.5	102.6	97.4	95.7	96.3	97.1	97.9	99.0	99.9	100.9	102.0
67.5°	98.4	94.4	90.0	88.4	88.6	89.7	90.8	91.6	92.2	93.3	94.4
70°	88.6	85.1	81.5	80.4	80.1	81.5	82.6	83.1	83.7	85.1	86.1
72.5°	78.0	75.0	72.0	71.1	71.4	72.2	73.0	73.8	74.4	75.8	76.8
75°	67.0	64.3	61.5	61.0	61.5	62.4	63.2	63.7	64.3	65.9	67.3
77.5°	56.4	53.4	50.1	49.8	50.6	51.4	51.9	52.8	53.6	55.8	58.0
80°	45.1	41.9	38.3	38.0	38.8	39.6	40.5	41.3	42.1	44.9	47.3
82.5°	33.1	29.3	25.5	24.9	27.6	28.5	29.3	30.6	31.8	34.2	36.6
85°	20.0	16.2	12.3	12.0	14.5	15.9	17.2	18.9	20.2	22.5	24.6
87.5°	2.2	1.1	0.0	0.0	0.3	1.4	2.4	3.9	5.2	7.4	9.3
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: P386167
 CATALOG NUMBER: GWC-SA1D-735-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: P386167
 CATALOG NUMBER: GWC-SA1D-735-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	1752.3	1739.9	1752.5	1764.8	1770.0	1775.3	1761.8	1748.1	1769.5	1790.6	1796.0
5°	1435.5	1424.3	1432.8	1440.9	1422.6	1404.3	1402.4	1400.3	1416.0	1431.9	1434.5
7.5°	1112.7	1109.1	1117.1	1125.0	1101.8	1078.2	1066.8	1055.3	1059.2	1062.9	1062.4
10°	829.7	831.8	841.7	851.3	833.1	815.1	807.2	799.2	808.0	816.5	824.4
12.5°	621.5	626.1	636.5	646.7	639.3	631.6	632.4	633.2	643.4	653.2	662.0
15°	482.8	488.3	495.6	502.8	503.0	503.0	510.2	516.9	516.2	515.4	521.4
17.5°	399.6	406.8	407.6	408.4	408.6	408.9	408.4	407.9	403.8	399.6	404.3
20°	342.2	344.7	346.8	348.8	346.3	343.5	336.7	329.9	327.2	324.4	328.8
22.5°	311.3	315.6	313.5	311.0	306.1	300.9	295.7	290.2	290.0	289.4	291.9
25°	285.3	288.9	285.0	281.2	277.6	274.1	270.5	267.0	266.7	266.4	267.5
27.5°	263.7	267.0	263.4	259.8	256.8	253.8	251.1	248.4	247.8	247.2	247.5
30°	245.1	248.1	245.1	241.8	239.6	237.2	235.2	233.3	233.1	232.8	232.8
32.5°	228.4	231.4	229.2	227.1	225.1	223.2	221.8	220.5	219.1	217.8	214.7
35°	213.9	216.9	215.6	213.9	211.7	209.5	207.0	204.3	200.7	197.0	195.3
37.5°	201.6	204.6	203.2	201.9	198.9	195.9	191.4	186.8	185.7	184.4	184.1
40°	191.7	196.4	193.7	190.7	186.0	181.4	179.1	177.0	176.4	175.9	175.3
42.5°	180.8	187.9	183.0	178.1	173.7	169.3	168.8	168.2	168.0	167.7	167.7
45°	167.1	174.8	169.8	164.7	162.2	159.7	159.7	159.7	160.0	160.0	160.5
47.5°	154.2	158.9	156.5	154.0	152.7	151.2	151.5	151.8	152.7	153.2	154.5
50°	143.4	144.9	145.5	145.8	144.9	144.2	144.7	144.9	145.8	146.4	147.4
52.5°	135.4	137.9	137.9	137.6	137.6	137.6	138.1	138.7	139.5	140.3	141.4
55°	130.2	133.8	132.6	131.6	131.8	131.8	132.4	132.9	133.8	134.3	135.9
57.5°	125.3	129.1	128.0	126.9	126.9	126.9	127.2	127.5	128.3	128.8	129.9
60°	119.5	123.3	122.3	120.9	121.2	121.5	121.7	121.7	122.3	122.5	122.5
62.5°	112.7	116.5	115.5	114.0	114.9	115.5	115.5	115.5	116.0	116.3	115.5
65°	105.6	109.2	108.0	107.0	108.0	108.9	109.4	109.7	109.4	109.2	108.3
67.5°	97.9	101.5	100.4	99.0	100.4	101.5	102.6	103.4	102.6	101.7	100.7
70°	89.7	93.3	91.9	90.6	91.9	93.3	94.4	95.4	94.4	93.3	93.0
72.5°	81.0	85.1	83.4	81.8	83.4	85.1	85.6	86.1	85.3	84.5	84.0
75°	71.4	75.5	74.1	72.5	73.8	75.2	75.5	75.8	75.8	75.5	73.8
77.5°	61.2	64.5	63.7	62.9	63.7	64.5	64.5	64.5	64.8	64.8	62.7
80°	49.2	51.2	51.4	51.7	51.9	52.2	51.9	51.7	51.2	50.6	49.2
82.5°	36.6	36.6	38.8	40.8	40.8	40.5	40.2	39.6	38.6	37.2	34.2
85°	23.3	21.9	25.5	28.7	28.7	28.5	27.9	27.1	24.9	22.5	20.0
87.5°	7.9	6.6	10.1	13.7	14.0	14.0	13.4	12.9	10.7	8.2	6.3
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: P386167
 CATALOG NUMBER: GWC-SA1D-735-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: P386167

CATALOG NUMBER: GWC-SA1D-735-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	1804.2	1807.8	1811.1	1837.8	1864.4	1895.6	1926.8	1950.6	1974.1	1998.5	2022.8
5°	1442.9	1447.2	1451.6	1484.1	1516.5	1560.0	1603.5	1640.9	1678.4	1722.5	1766.4
7.5°	1069.5	1079.1	1088.4	1123.1	1157.6	1204.4	1250.9	1299.8	1348.5	1406.0	1463.4
10°	840.0	858.0	875.9	911.4	947.0	993.2	1039.2	1090.3	1141.5	1198.1	1254.5
12.5°	680.0	704.1	727.8	770.6	813.2	868.5	923.4	980.4	1037.0	1086.8	1136.6
15°	537.2	563.4	589.5	634.6	679.7	740.4	800.9	863.0	924.8	984.5	1044.0
17.5°	419.1	440.7	462.0	500.3	538.3	597.1	656.0	721.1	786.2	858.9	931.4
20°	338.1	347.1	356.1	383.7	411.1	459.0	506.6	573.0	639.5	726.5	813.5
22.5°	296.2	300.9	305.3	318.6	331.8	362.7	393.3	452.1	510.7	605.6	700.2
25°	271.1	274.6	278.2	286.9	295.7	310.5	325.2	366.6	407.9	501.1	594.1
27.5°	248.4	253.8	259.0	263.1	267.0	277.1	286.9	314.0	341.1	428.1	514.8
30°	231.9	233.9	235.8	242.1	248.1	258.5	268.9	287.7	306.6	380.2	453.5
32.5°	212.8	215.6	218.3	224.9	231.4	241.0	250.5	265.8	280.9	343.8	406.5
35°	195.6	198.3	201.0	207.6	213.9	224.3	234.4	247.2	259.8	314.6	369.3
37.5°	184.9	187.7	190.4	196.1	201.6	212.0	222.1	232.2	242.1	292.7	343.3
40°	175.9	178.6	181.4	186.8	192.0	202.2	212.0	220.5	228.9	276.3	323.6
42.5°	168.0	171.0	174.0	179.4	184.6	193.7	202.7	213.9	224.9	262.1	299.0
45°	161.4	164.4	167.1	173.1	179.1	187.9	196.7	212.3	227.9	254.7	281.4
47.5°	155.4	158.7	161.7	168.2	174.8	185.7	196.4	209.5	222.4	248.9	275.4
50°	149.6	153.5	157.3	165.2	172.8	191.2	209.3	211.2	212.8	244.2	275.4
52.5°	144.2	148.5	152.9	162.8	172.3	193.7	215.0	208.2	201.0	235.5	270.0
55°	138.7	142.5	146.1	158.1	170.1	185.7	201.3	192.3	183.0	219.1	255.2
57.5°	131.3	135.4	139.2	152.1	165.0	175.9	186.6	178.4	169.8	200.5	230.9
60°	123.6	128.3	132.9	149.4	165.5	163.5	161.4	159.7	157.8	179.7	201.6
62.5°	116.8	121.7	126.6	148.0	169.3	156.2	143.1	144.4	145.5	161.7	177.8
65°	110.0	114.9	119.5	130.2	140.9	135.6	130.5	132.6	134.6	150.4	166.3
67.5°	102.3	106.7	110.8	114.3	117.9	118.5	119.0	121.2	123.3	142.2	160.8
70°	93.8	97.4	100.9	103.4	105.6	106.7	107.5	110.2	113.0	133.5	154.0
72.5°	84.3	87.3	90.0	92.2	94.4	95.2	95.7	98.4	101.2	123.1	144.9
75°	73.8	76.3	78.5	80.4	82.3	83.4	84.5	86.4	88.4	112.2	135.6
77.5°	62.4	64.8	67.0	68.7	70.0	71.1	72.0	74.4	76.8	96.9	116.5
80°	48.7	51.7	54.4	55.8	56.9	57.2	57.2	59.4	61.5	75.8	89.7
82.5°	34.5	37.8	40.8	41.9	42.9	42.9	42.9	45.4	47.9	57.4	66.7
85°	20.2	23.8	27.1	28.2	29.3	29.8	30.1	31.2	32.0	38.8	45.4
87.5°	6.3	9.3	12.0	12.6	13.2	14.2	15.3	15.6	15.6	20.2	24.9
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: P386167
 CATALOG NUMBER: GWC-SA1D-735-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: P386167
 CATALOG NUMBER: GWC-SA1D-735-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	2050.7	2078.6	2111.1	2143.4	2171.0	2198.7	2221.7
5°	1822.5	1878.6	1947.3	2015.7	2076.6	2137.7	2208.5
7.5°	1535.9	1608.3	1697.3	1786.2	1872.3	1958.3	2067.1
10°	1328.3	1401.9	1496.0	1589.7	1686.6	1783.2	1906.2
12.5°	1196.4	1256.1	1347.2	1438.2	1552.1	1665.5	1784.0
15°	1109.4	1174.5	1263.2	1351.8	1476.3	1600.7	1736.9
17.5°	1016.7	1101.8	1215.3	1328.9	1476.3	1623.5	1784.0
20°	919.7	1025.4	1172.6	1319.8	1518.3	1716.7	1921.5
22.5°	822.8	945.3	1134.0	1322.6	1582.1	1841.4	2118.0
25°	735.5	876.9	1110.6	1343.9	1674.8	2005.5	2348.6
27.5°	669.3	823.6	1101.0	1378.1	1792.5	2206.8	2599.4
30°	610.5	767.6	1089.5	1411.4	1905.7	2399.7	2795.5
32.5°	559.7	712.8	1067.3	1421.6	1984.8	2548.0	2961.5
35°	519.7	670.2	1030.1	1390.1	2034.3	2678.4	3134.4
37.5°	485.3	627.2	987.8	1348.2	2078.3	2808.4	3328.9
40°	452.4	581.3	951.3	1321.2	2139.0	2956.9	3534.4
42.5°	421.2	543.5	922.1	1300.7	2195.4	3089.9	3714.1
45°	398.0	514.5	896.1	1277.4	2231.7	3186.1	3849.4
47.5°	386.5	497.3	882.2	1266.8	2268.2	3269.3	3961.9
50°	384.9	494.3	898.0	1301.7	2346.9	3391.8	4090.4
52.5°	384.6	499.2	943.7	1388.1	2493.2	3598.1	4229.6
55°	378.9	502.2	998.1	1493.7	2689.7	3885.2	4480.0
57.5°	361.4	491.8	1054.2	1616.3	2897.3	4178.0	4762.0
60°	334.2	466.7	1100.4	1733.9	3036.8	4339.3	4870.6
62.5°	300.3	422.6	1115.7	1808.6	3032.9	4257.2	4761.1
65°	271.4	376.4	1065.5	1754.1	2879.5	4004.5	4544.8
67.5°	245.7	330.2	939.6	1548.8	2603.5	3658.0	4269.5
70°	227.1	299.8	777.3	1254.9	2258.0	3260.8	3950.9
72.5°	215.3	285.3	633.8	981.9	1832.4	2682.5	3379.5
75°	199.2	262.6	497.3	731.7	1402.4	2073.1	2552.6
77.5°	169.0	221.3	374.7	528.2	1029.0	1529.6	1775.3
80°	130.5	171.0	257.7	344.4	708.2	1071.9	1210.4
82.5°	93.0	119.3	156.2	193.1	470.4	747.6	759.0
85°	57.4	69.5	89.4	109.4	311.3	513.2	427.5
87.5°	30.9	36.9	47.3	57.4	99.6	141.7	81.5
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: P386167
 CATALOG NUMBER: GWC-SA1D-735-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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Scaled Data Report





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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



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110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





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

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Signify Classified - Internal
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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





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

Scaled Data Report





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

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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