

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: P386307

Luminaire Tested: **GWC-SA2A-722-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P386307
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-722-U-SLL
Description: GALLEON WALL LUMINAIRE
(2) 70 CRI, 2200K, 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: 6283 lumens
Efficiency: N/A
Efficacy: 95.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

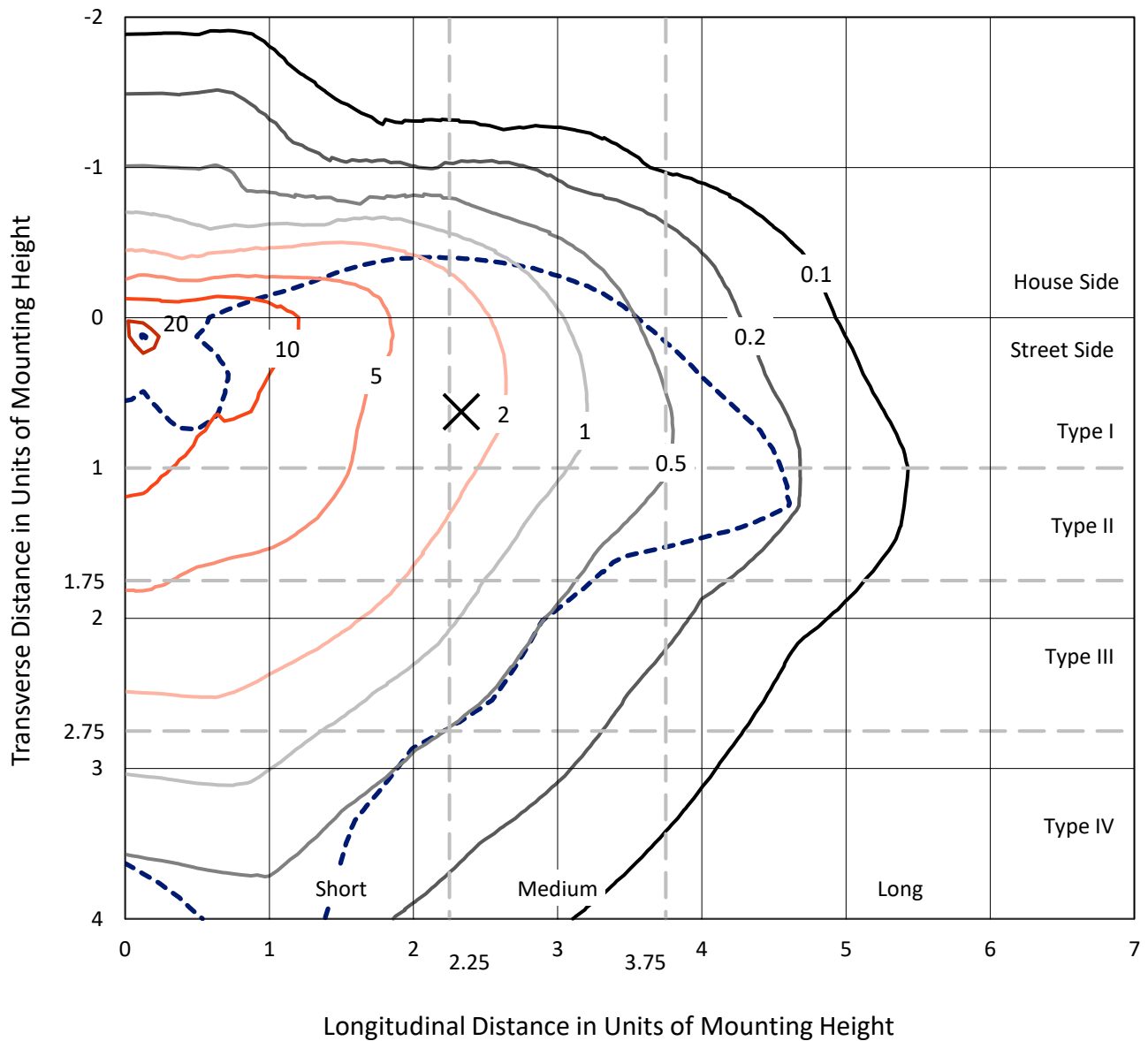
Input Watts (W): 66
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

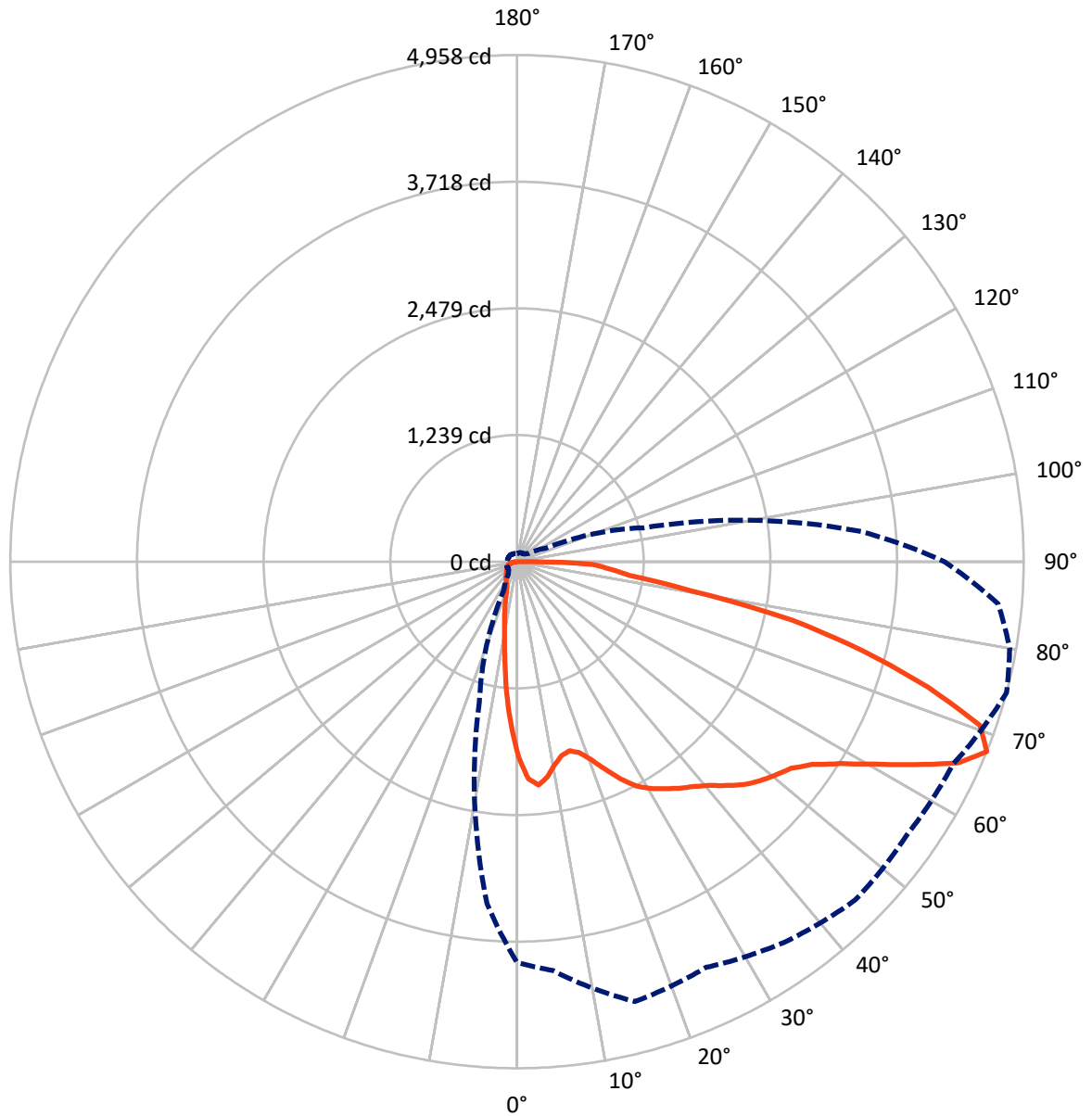
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 24.1 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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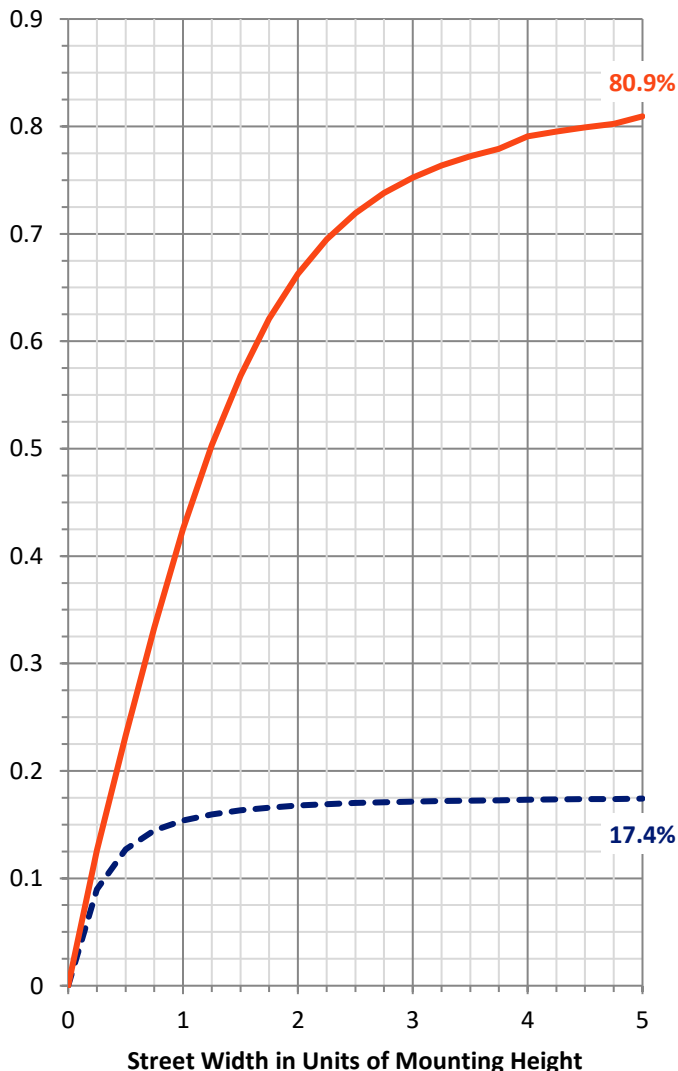
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1106.6	0.0	1106.6
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	5176.4	0.0	5176.4
	% Fixture	82.4	0.0	82.4
Total	Lumens	6283.0	0.0	6283.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	147.7	2.4
10°-20°	306.9	4.9
20°-30°	436.5	6.9
30°-40°	628.9	10.0
40°-50°	886.4	14.1
50°-60°	1232.2	19.6
60°-70°	1490.1	23.7
70°-80°	915.9	14.6
80°-90°	238.3	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°	6283.0	100.0
0°-180°	6283.0	100.0

Coefficient of Utilization



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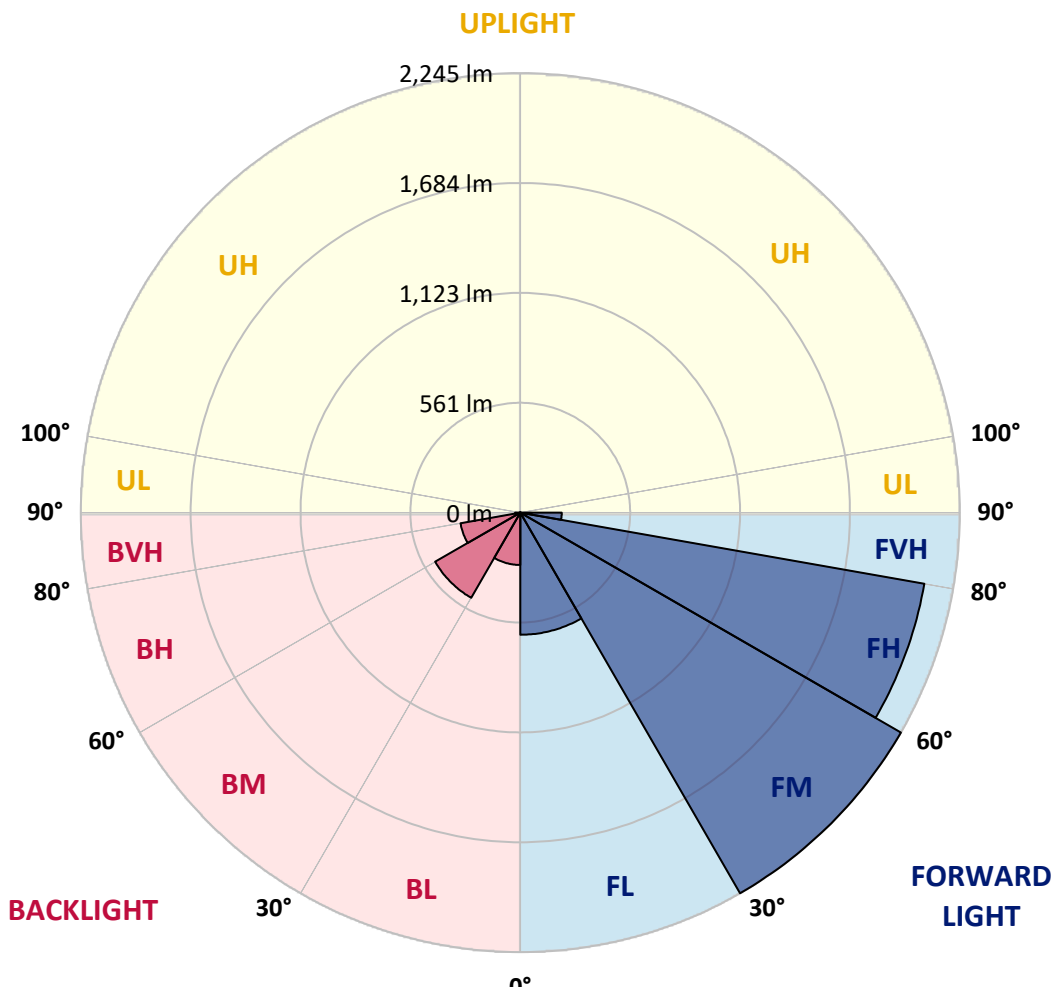
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	623.8	9.9			
FM (30°-60°)	2245.2	35.7			
FH (60°-80°)	2095.8	33.4			G2/5000
FVH (80°-90°)	211.6	3.4			G2/225
BL (0°-30°)	267.3	4.3	B1/500		
BM (30°-60°)	502.3	8.0	B1/1000		
BH (60°-80°)	310.2	4.9	B1/500		G1/500
BVH (80°-90°)	26.8	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-G2

Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1
2.5°	2040.2	2067.1	2085.7	2104.1	2118.4	2132.4	2153.0	2173.6	2177.7	2181.4	2173.4
5°	2028.2	2093.8	2149.5	2205.0	2256.5	2308.0	2338.9	2369.8	2376.1	2382.4	2363.0
7.5°	1898.3	1995.0	2091.7	2188.5	2277.1	2365.8	2419.8	2473.6	2485.9	2497.9	2466.3
10°	1750.6	1863.2	1982.0	2100.8	2217.6	2334.4	2412.5	2490.6	2506.2	2521.8	2482.4
12.5°	1638.3	1761.2	1888.0	2014.9	2138.2	2261.3	2342.2	2423.1	2442.4	2461.8	2433.1
15°	1595.1	1729.8	1849.1	1968.4	2075.9	2183.2	2249.5	2315.6	2323.6	2331.4	2326.9
17.5°	1638.3	1786.8	1894.8	2002.6	2061.1	2119.4	2146.0	2172.4	2181.2	2189.7	2201.3
20°	1764.7	1924.9	2001.1	2076.9	2074.4	2071.6	2058.8	2045.8	2043.5	2041.3	2073.9
22.5°	1945.0	2131.2	2161.6	2191.7	2121.1	2050.5	2007.6	1964.4	1955.8	1947.1	1981.7
25°	2156.8	2355.0	2349.5	2343.7	2209.3	2074.7	1992.8	1910.9	1901.3	1891.8	1921.4
27.5°	2387.2	2576.6	2540.4	2504.2	2321.6	2139.0	2020.2	1901.3	1891.8	1882.2	1908.4
30°	2567.3	2739.1	2681.1	2623.0	2416.3	2209.6	2068.4	1927.2	1911.6	1895.8	1928.0
32.5°	2719.7	2865.9	2788.1	2710.2	2493.2	2276.1	2123.4	1970.7	1946.3	1921.9	1964.9
35°	2878.5	2992.5	2883.0	2773.3	2561.7	2350.0	2188.5	2026.7	1996.8	1966.9	2025.9
37.5°	3057.1	3151.8	2994.6	2837.1	2638.9	2440.7	2285.9	2130.9	2100.3	2069.6	2145.0
40°	3245.8	3324.6	3114.9	2905.1	2723.3	2541.4	2420.8	2300.0	2270.8	2241.5	2332.9
42.5°	3410.8	3468.3	3226.9	2985.5	2825.0	2664.2	2579.3	2494.2	2493.9	2493.4	2586.1
45°	3535.1	3585.1	3320.4	3055.3	2924.2	2792.8	2748.6	2704.4	2739.8	2775.3	2859.2
47.5°	3638.4	3672.3	3398.7	3124.9	3037.8	2950.6	2957.1	2963.7	3035.8	3107.8	3161.9
50°	3756.4	3729.1	3469.8	3210.3	3183.5	3156.6	3215.4	3273.9	3356.8	3439.4	3476.1
52.5°	3884.3	3811.7	3566.3	3320.6	3350.8	3380.9	3500.5	3620.0	3703.7	3787.3	3801.2
55°	4114.2	4002.9	3743.6	3484.1	3542.2	3599.9	3775.5	3950.9	4016.2	4081.5	4086.5
57.5°	4373.1	4274.4	3992.1	3709.7	3772.0	3834.3	4037.0	4239.5	4310.1	4380.4	4370.6
60°	4472.9	4477.6	4228.0	3978.0	4040.8	4103.6	4301.0	4498.5	4579.6	4660.5	4638.9
62.5°	4372.4	4490.2	4356.8	4223.2	4280.2	4337.0	4530.4	4723.8	4807.0	4890.1	4852.4
65°	4173.7	4290.5	4350.3	4410.1	4428.9	4447.8	4628.4	4808.7	4872.5	4936.1	4917.0
67.5°	3921.0	4015.4	4236.0	4456.3	4418.4	4380.4	4465.1	4549.7	4615.3	4680.9	4670.1
70°	3628.3	3740.9	4035.0	4329.2	4142.8	3956.2	3921.2	3886.3	3957.2	4027.7	3984.0
72.5°	3103.6	3273.4	3587.1	3900.6	3557.2	3213.9	3094.5	2975.2	3064.9	3154.6	3085.0
75°	2344.2	2569.5	2916.2	3262.6	2852.9	2443.2	2283.9	2124.7	2201.8	2278.9	2231.2
77.5°	1630.3	1912.9	2254.3	2595.7	2179.2	1762.4	1644.1	1525.5	1548.6	1571.5	1563.5
80°	1111.6	1297.4	1535.6	1773.5	1496.1	1218.8	1228.1	1237.2	1226.4	1215.3	1231.4
82.5°	697.1	828.0	1011.8	1195.5	1048.3	901.1	985.5	1069.9	1028.4	986.7	1002.3
85°	392.6	472.5	652.4	832.0	775.5	718.7	768.2	817.4	753.1	688.8	717.2
87.5°	74.9	124.6	361.0	597.1	542.1	487.1	423.3	359.5	274.3	189.2	276.3
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



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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°	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1
2.5°	2165.3	2161.1	2156.8	2141.5	2125.9	2102.8	2083.7	2050.5	2032.5	2005.1	1977.7
5°	2343.4	2316.3	2289.2	2242.5	2195.5	2143.2	2083.2	2016.6	1966.4	1901.1	1835.8
7.5°	2434.6	2371.3	2307.8	2218.1	2128.2	2047.3	1952.3	1863.9	1788.5	1703.6	1618.7
10°	2442.9	2348.0	2252.8	2136.2	2019.4	1921.2	1811.9	1713.7	1623.3	1525.8	1428.1
12.5°	2404.2	2303.3	2202.0	2073.7	1945.0	1833.5	1715.9	1605.9	1505.7	1398.4	1290.9
15°	2322.3	2241.7	2160.8	2040.5	1920.2	1807.6	1693.6	1563.2	1449.9	1340.2	1230.1
17.5°	2212.6	2174.4	2136.0	2049.0	1961.9	1864.4	1753.9	1600.9	1468.3	1348.9	1229.6
20°	2106.3	2120.4	2134.2	2099.5	2064.9	1986.7	1890.3	1718.5	1549.2	1393.2	1236.9
22.5°	2016.1	2083.7	2151.0	2177.9	2204.5	2157.6	2082.2	1883.5	1659.4	1455.7	1252.0
25°	1950.8	2062.9	2174.9	2264.3	2353.5	2332.6	2274.6	2084.0	1805.6	1545.9	1285.9
27.5°	1934.5	2071.9	2209.3	2348.0	2486.4	2505.7	2489.6	2295.2	1980.0	1657.9	1335.6
30°	1960.1	2099.3	2238.2	2407.0	2575.6	2652.7	2674.3	2471.3	2179.2	1788.5	1397.7
32.5°	2007.8	2144.2	2280.6	2464.5	2648.2	2764.7	2833.5	2632.3	2318.1	1887.0	1455.7
35°	2085.0	2212.6	2340.2	2531.6	2723.0	2873.7	2999.3	2798.6	2441.4	1955.8	1470.0
37.5°	2220.1	2329.9	2439.7	2616.5	2793.1	2988.5	3177.2	2981.7	2574.8	2022.2	1469.3
40°	2424.3	2502.0	2579.3	2728.8	2878.0	3123.9	3378.6	3186.0	2722.3	2094.0	1465.8
42.5°	2678.8	2718.7	2758.4	2876.7	2995.1	3265.4	3561.5	3385.7	2862.9	2160.8	1458.7
45°	2942.8	2953.4	2963.9	3038.5	3112.9	3377.4	3686.1	3535.6	2985.8	2218.9	1451.7
47.5°	3215.6	3179.4	3143.3	3172.9	3202.6	3463.3	3775.0	3649.4	3109.1	2283.2	1457.0
50°	3512.8	3412.1	3311.3	3295.7	3280.2	3549.2	3879.8	3794.1	3257.3	2376.9	1496.4
52.5°	3814.7	3648.7	3482.6	3421.1	3359.3	3651.7	4018.7	3974.2	3468.8	2522.0	1575.0
55°	4091.5	3880.3	3669.0	3586.1	3503.2	3808.4	4188.3	4238.8	3739.9	2707.7	1675.3
57.5°	4360.6	4121.2	3881.8	3804.9	3728.1	4038.8	4403.0	4476.1	4013.7	2885.8	1757.6
60°	4617.3	4380.4	4143.3	4081.8	4020.0	4325.2	4635.1	4581.9	4154.9	2969.2	1783.3
62.5°	4814.8	4626.4	4438.0	4405.5	4372.9	4614.8	4813.5	4540.7	4065.2	2887.0	1708.9
65°	4897.9	4790.6	4683.1	4713.5	4743.7	4833.8	4858.0	4420.1	3783.3	2656.9	1530.6
67.5°	4659.0	4680.9	4702.7	4830.3	4957.7	4895.6	4725.8	4182.5	3382.2	2330.9	1279.6
70°	3940.1	4071.2	4202.1	4504.0	4805.7	4668.1	4371.9	3755.9	2899.4	1955.3	1011.1
72.5°	3015.2	3162.6	3309.8	3758.0	4205.8	4079.0	3716.3	3085.0	2324.6	1561.5	798.1
75°	2183.2	2349.7	2516.0	3010.4	3504.7	3328.7	2779.8	2208.8	1765.7	1191.9	618.0
77.5°	1555.2	1666.7	1778.2	2266.6	2754.7	2467.8	1850.3	1486.4	1222.1	828.5	434.6
80°	1247.5	1213.3	1179.1	1451.2	1723.2	1675.5	1223.8	954.6	845.8	555.2	264.5
82.5°	1017.6	934.2	850.8	978.9	1107.0	1100.0	849.3	700.3	629.5	385.8	142.2
85°	745.3	711.9	678.5	791.8	905.1	808.4	575.2	445.1	490.8	284.1	77.4
87.5°	363.5	415.2	466.7	600.4	733.8	550.9	174.6	86.4	119.6	78.6	37.4
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: P386307
 CATALOG NUMBER: GWC-SA2A-722-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: P386307

CATALOG NUMBER: GWC-SA2A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1
2.5°	1957.4	1936.8	1913.4	1890.0	1863.4	1836.5	1820.7	1804.6	1787.3	1770.0	1750.4
5°	1792.6	1749.4	1700.4	1651.4	1602.9	1554.4	1528.3	1502.2	1474.5	1446.7	1422.5
7.5°	1555.9	1492.9	1425.1	1357.0	1296.7	1236.2	1198.7	1161.0	1126.9	1092.5	1063.6
10°	1347.7	1267.3	1199.2	1130.9	1085.4	1040.0	1005.6	971.1	938.0	904.6	872.7
12.5°	1210.5	1130.1	1086.9	1043.7	1006.1	968.4	928.7	888.7	843.3	797.6	764.2
15°	1157.0	1083.9	1035.9	987.7	937.2	886.5	837.8	789.0	735.3	681.5	643.6
17.5°	1133.9	1038.2	971.1	903.8	837.3	770.7	714.2	657.6	598.9	540.1	501.6
20°	1109.6	982.2	892.3	802.1	716.7	631.3	567.2	503.2	450.7	398.2	368.8
22.5°	1087.4	922.7	809.9	696.8	595.8	494.9	432.1	369.0	336.9	304.7	292.9
25°	1078.4	870.7	732.0	593.3	486.8	380.1	335.4	290.6	278.3	265.8	259.7
27.5°	1079.9	824.2	666.4	508.4	412.5	316.5	285.9	255.2	247.7	239.9	236.1
30°	1085.7	773.7	604.6	435.6	356.5	277.3	257.5	237.4	229.3	221.3	216.5
32.5°	1092.2	728.5	556.9	385.1	320.5	255.7	239.4	222.8	215.0	207.2	202.5
35°	1080.9	691.6	524.3	357.0	297.4	237.6	223.8	209.8	201.2	192.7	188.1
37.5°	1061.8	654.4	498.9	343.1	282.3	221.3	211.3	201.0	192.2	183.1	178.9
40°	1044.5	623.0	480.0	336.9	274.1	211.0	202.5	193.9	184.9	175.6	170.6
42.5°	1030.4	601.9	461.5	321.0	266.5	211.8	199.7	187.4	178.6	169.8	164.3
45°	1019.9	588.1	446.9	305.7	259.5	213.3	197.9	182.6	173.8	164.8	158.3
47.5°	1018.9	580.8	436.6	292.4	246.2	199.7	193.4	187.1	174.3	161.3	153.7
50°	1032.7	569.0	424.5	279.8	233.4	186.9	195.4	203.7	181.9	159.8	150.2
52.5°	1061.6	548.1	405.4	262.8	217.8	172.6	185.9	199.0	180.1	161.0	148.7
55°	1096.5	517.5	376.5	235.4	197.2	158.8	170.6	182.1	170.3	158.3	143.4
57.5°	1118.3	478.8	340.1	201.5	174.1	146.7	153.5	160.0	155.2	150.5	135.4
60°	1105.3	427.3	299.2	170.8	153.7	136.7	135.4	133.9	140.9	148.0	130.6
62.5°	1041.5	374.0	263.0	152.0	139.2	126.1	123.3	120.3	131.9	143.2	124.8
65°	933.7	336.9	240.1	143.4	129.1	114.8	111.8	108.8	112.3	115.8	107.3
67.5°	796.8	314.0	227.1	140.2	122.8	105.3	101.7	98.2	97.5	96.7	93.7
70°	655.6	299.9	218.5	137.2	116.1	94.7	91.4	88.2	87.2	85.9	83.6
72.5°	548.1	298.2	217.5	136.9	110.5	84.2	81.1	78.1	76.9	75.4	73.6
75°	448.9	279.8	206.5	133.1	103.0	72.6	69.8	67.1	66.1	64.8	63.3
77.5°	333.1	231.6	173.6	115.6	88.2	60.8	58.0	55.0	54.8	54.3	53.0
80°	216.0	167.6	124.1	80.6	64.3	47.7	45.5	43.0	43.2	43.5	42.5
82.5°	120.1	97.7	75.9	54.0	44.0	33.9	32.9	31.7	32.4	32.9	31.7
85°	63.3	49.2	40.7	32.2	25.4	18.6	18.6	18.3	19.3	20.3	19.3
87.5°	27.4	17.3	14.8	12.1	6.8	1.3	1.5	1.5	2.0	2.5	2.3
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: P386307
 CATALOG NUMBER: GWC-SA2A-722-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: P386307
 CATALOG NUMBER: GWC-SA2A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1
2.5°	1730.5	1712.2	1693.6	1673.2	1677.0	1661.4	1645.9	1636.1	1626.3	1623.3	1620.2
5°	1398.4	1377.6	1356.5	1337.6	1354.0	1342.9	1331.9	1330.4	1328.6	1328.6	1328.3
7.5°	1034.7	1012.3	989.7	974.2	990.2	988.2	986.2	997.0	1007.8	1016.6	1025.1
10°	840.8	813.6	786.3	763.1	759.1	747.6	735.8	738.3	740.5	750.1	759.6
12.5°	730.7	698.3	665.9	638.8	626.5	607.4	588.1	576.0	563.9	565.2	566.2
15°	605.4	574.0	542.3	519.0	511.2	496.4	481.6	466.5	451.2	444.9	438.3
17.5°	463.0	437.8	412.5	396.9	396.9	392.6	388.4	380.8	373.0	366.8	360.2
20°	339.4	326.1	312.5	306.0	308.0	308.2	308.2	312.0	315.8	313.7	311.7
22.5°	280.8	276.1	271.3	268.5	269.5	269.8	270.0	273.6	276.8	279.3	281.6
25°	253.5	250.4	247.4	246.4	248.7	248.9	248.9	251.2	253.5	256.0	258.5
27.5°	232.1	230.9	229.6	227.8	230.1	230.1	229.8	232.4	234.6	236.9	238.9
30°	211.8	212.3	212.5	212.0	213.5	214.5	215.3	217.0	218.5	220.3	222.1
32.5°	197.4	196.7	195.9	195.4	198.7	200.5	202.2	204.0	205.5	206.2	207.0
35°	183.6	181.9	180.1	178.9	181.9	184.1	186.4	189.7	192.7	193.2	193.7
37.5°	174.3	172.1	169.8	168.3	169.6	170.6	171.6	175.1	178.6	180.6	182.4
40°	165.5	163.3	161.0	159.8	160.5	160.8	161.0	162.8	164.3	168.1	171.6
42.5°	158.5	155.7	153.0	151.5	152.0	152.5	152.7	152.5	152.2	155.7	159.3
45°	151.5	148.5	145.4	143.7	143.9	143.9	143.9	143.4	142.7	144.4	146.2
47.5°	145.9	142.4	138.9	137.2	136.7	136.2	135.6	135.4	134.9	136.2	137.2
50°	140.4	136.7	132.6	130.6	129.4	128.9	128.4	128.1	127.6	128.9	129.9
52.5°	136.2	131.6	127.1	123.8	122.6	121.8	121.1	121.3	121.3	121.8	122.1
55°	128.6	124.6	120.3	118.1	115.8	115.3	114.8	115.6	116.1	116.1	116.1
57.5°	120.3	116.6	112.5	111.0	109.0	109.0	108.8	109.8	110.5	111.0	111.5
60°	113.0	108.8	104.5	103.2	102.5	102.2	102.0	103.2	104.2	105.3	106.3
62.5°	106.3	101.7	97.2	95.7	95.5	95.7	95.7	97.0	98.0	99.0	100.0
65°	98.7	94.2	89.4	87.9	88.4	89.2	89.9	90.9	91.7	92.7	93.7
67.5°	90.4	86.7	82.6	81.1	81.4	82.4	83.4	84.2	84.7	85.7	86.7
70°	81.4	78.1	74.9	73.9	73.6	74.9	75.9	76.4	76.9	78.1	79.1
72.5°	71.6	68.8	66.1	65.3	65.6	66.3	67.1	67.8	68.3	69.6	70.6
75°	61.5	59.0	56.5	56.0	56.5	57.3	58.0	58.5	59.0	60.5	61.8
77.5°	51.7	49.0	46.0	45.7	46.5	47.2	47.7	48.5	49.2	51.2	53.3
80°	41.4	38.4	35.2	34.9	35.7	36.4	37.2	37.9	38.7	41.2	43.5
82.5°	30.4	26.9	23.4	22.9	25.4	26.1	26.9	28.1	29.1	31.4	33.7
85°	18.3	14.8	11.3	11.1	13.3	14.6	15.8	17.3	18.6	20.6	22.6
87.5°	2.0	1.0	0.0	0.0	0.3	1.3	2.3	3.5	4.8	6.8	8.5
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: P386307
 CATALOG NUMBER: GWC-SA2A-722-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: P386307
 CATALOG NUMBER: GWC-SA2A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1
2.5°	1609.2	1597.9	1609.4	1620.7	1625.5	1630.3	1618.0	1605.4	1625.0	1644.4	1649.4
5°	1318.3	1308.0	1315.8	1323.3	1306.5	1289.7	1287.9	1285.9	1300.5	1315.0	1317.3
7.5°	1021.9	1018.6	1025.9	1033.2	1011.8	990.2	979.7	969.1	972.6	976.2	975.7
10°	761.9	763.9	772.9	781.7	765.2	748.6	741.3	734.0	742.0	749.8	757.1
12.5°	570.7	575.0	584.5	593.8	587.1	580.0	580.8	581.5	590.8	599.9	607.9
15°	443.4	448.4	455.2	461.7	462.0	462.0	468.5	474.8	474.0	473.3	478.8
17.5°	367.0	373.5	374.3	375.0	375.3	375.5	375.0	374.5	370.8	367.0	371.3
20°	314.3	316.5	318.5	320.3	318.0	315.5	309.2	302.9	300.4	297.9	301.9
22.5°	285.9	289.9	287.9	285.6	281.1	276.3	271.5	266.5	266.3	265.8	268.0
25°	262.0	265.3	261.8	258.2	255.0	251.7	248.4	245.2	244.9	244.7	245.7
27.5°	242.2	245.2	241.9	238.6	235.9	233.1	230.6	228.1	227.6	227.1	227.3
30°	225.1	227.8	225.1	222.1	220.1	217.8	216.0	214.3	214.0	213.8	213.8
32.5°	209.8	212.5	210.5	208.5	206.7	205.0	203.7	202.5	201.2	200.0	197.2
35°	196.4	199.2	197.9	196.4	194.4	192.4	190.2	187.6	184.4	180.9	179.4
37.5°	185.1	187.9	186.6	185.4	182.6	179.9	175.8	171.6	170.6	169.3	169.1
40°	176.1	180.4	177.8	175.1	170.8	166.5	164.5	162.5	162.0	161.5	161.0
42.5°	166.0	172.6	168.1	163.5	159.5	155.5	155.0	154.5	154.2	154.0	154.0
45°	153.5	160.5	156.0	151.2	149.0	146.7	146.7	146.7	147.0	147.0	147.5
47.5°	141.7	145.9	143.7	141.4	140.2	138.9	139.2	139.4	140.2	140.7	141.9
50°	131.6	133.1	133.6	133.9	133.1	132.4	132.9	133.1	133.9	134.4	135.4
52.5°	124.3	126.6	126.6	126.4	126.4	126.4	126.9	127.4	128.1	128.9	129.9
55°	119.6	122.8	121.8	120.8	121.1	121.1	121.6	122.1	122.8	123.3	124.8
57.5°	115.0	118.6	117.6	116.6	116.6	116.6	116.8	117.1	117.8	118.3	119.3
60°	109.8	113.3	112.3	111.0	111.3	111.5	111.8	111.8	112.3	112.5	112.5
62.5°	103.5	107.0	106.0	104.8	105.5	106.0	106.0	106.0	106.5	106.8	106.0
65°	97.0	100.2	99.2	98.2	99.2	100.0	100.5	100.7	100.5	100.2	99.5
67.5°	89.9	93.2	92.2	90.9	92.2	93.2	94.2	95.0	94.2	93.4	92.4
70°	82.4	85.7	84.4	83.1	84.4	85.7	86.7	87.7	86.7	85.7	85.4
72.5°	74.4	78.1	76.6	75.1	76.6	78.1	78.6	79.1	78.4	77.6	77.1
75°	65.6	69.3	68.1	66.6	67.8	69.1	69.3	69.6	69.6	69.3	67.8
77.5°	56.3	59.3	58.5	57.8	58.5	59.3	59.3	59.3	59.5	59.5	57.5
80°	45.2	47.0	47.2	47.5	47.7	48.0	47.7	47.5	47.0	46.5	45.2
82.5°	33.7	33.7	35.7	37.4	37.4	37.2	36.9	36.4	35.4	34.2	31.4
85°	21.4	20.1	23.4	26.4	26.4	26.1	25.6	24.9	22.9	20.6	18.3
87.5°	7.3	6.0	9.3	12.6	12.8	12.8	12.3	11.8	9.8	7.5	5.8
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: P386307
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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: P386307

CATALOG NUMBER: GWC-SA2A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1
2.5°	1656.9	1660.2	1663.2	1687.8	1712.2	1740.8	1769.5	1791.3	1812.9	1835.3	1857.6
5°	1325.1	1329.1	1333.1	1363.0	1392.7	1432.6	1472.5	1506.9	1541.4	1581.8	1622.3
7.5°	982.2	991.0	999.5	1031.4	1063.1	1106.0	1148.7	1193.7	1238.4	1291.2	1343.9
10°	771.4	788.0	804.3	837.0	869.7	912.1	954.3	1001.3	1048.3	1100.3	1152.0
12.5°	624.5	646.6	668.4	707.6	746.8	797.6	848.1	900.3	952.3	998.0	1043.7
15°	493.4	517.5	541.3	582.8	624.2	680.0	735.5	792.5	849.3	904.1	958.8
17.5°	384.8	404.7	424.3	459.4	494.4	548.4	602.4	662.2	721.9	788.8	855.3
20°	310.5	318.8	327.1	352.4	377.6	421.5	465.2	526.3	587.3	667.2	747.1
22.5°	272.0	276.3	280.3	292.6	304.7	333.1	361.2	415.2	469.0	556.2	643.1
25°	248.9	252.2	255.5	263.5	271.5	285.1	298.7	336.6	374.5	460.2	545.6
27.5°	228.1	233.1	237.9	241.7	245.2	254.5	263.5	288.4	313.2	393.1	472.8
30°	213.0	214.8	216.5	222.3	227.8	237.4	246.9	264.3	281.6	349.2	416.5
32.5°	195.4	197.9	200.5	206.5	212.5	221.3	230.1	244.2	258.0	315.8	373.3
35°	179.6	182.1	184.6	190.7	196.4	206.0	215.3	227.1	238.6	288.9	339.1
37.5°	169.8	172.3	174.8	180.1	185.1	194.7	204.0	213.3	222.3	268.8	315.3
40°	161.5	164.0	166.5	171.6	176.3	185.6	194.7	202.5	210.3	253.7	297.2
42.5°	154.2	157.0	159.8	164.8	169.6	177.8	186.1	196.4	206.5	240.6	274.6
45°	148.2	151.0	153.5	159.0	164.5	172.6	180.6	194.9	209.2	233.9	258.5
47.5°	142.7	145.7	148.5	154.5	160.5	170.6	180.4	192.4	204.2	228.6	253.0
50°	137.4	140.9	144.4	151.7	158.8	175.6	192.2	193.9	195.4	224.3	253.0
52.5°	132.4	136.4	140.4	149.5	158.3	177.8	197.4	191.2	184.6	216.3	247.9
55°	127.4	130.9	134.1	145.2	156.2	170.6	184.9	176.6	168.1	201.2	234.4
57.5°	120.6	124.3	127.9	139.7	151.5	161.5	171.3	163.8	156.0	184.1	212.0
60°	113.5	117.8	122.1	137.2	152.0	150.2	148.2	146.7	144.9	165.0	185.1
62.5°	107.3	111.8	116.3	135.9	155.5	143.4	131.4	132.6	133.6	148.5	163.3
65°	101.0	105.5	109.8	119.6	129.4	124.6	119.8	121.8	123.6	138.2	152.7
67.5°	93.9	98.0	101.7	105.0	108.3	108.8	109.3	111.3	113.3	130.6	147.7
70°	86.2	89.4	92.7	95.0	97.0	98.0	98.7	101.2	103.7	122.6	141.4
72.5°	77.4	80.1	82.6	84.7	86.7	87.4	87.9	90.4	92.9	113.0	133.1
75°	67.8	70.1	72.1	73.9	75.6	76.6	77.6	79.4	81.1	103.0	124.6
77.5°	57.3	59.5	61.5	63.1	64.3	65.3	66.1	68.3	70.6	88.9	107.0
80°	44.7	47.5	50.0	51.2	52.2	52.5	52.5	54.5	56.5	69.6	82.4
82.5°	31.7	34.7	37.4	38.4	39.4	39.4	39.4	41.7	44.0	52.8	61.3
85°	18.6	21.9	24.9	25.9	26.9	27.4	27.6	28.6	29.4	35.7	41.7
87.5°	5.8	8.5	11.1	11.6	12.1	13.1	14.1	14.3	14.3	18.6	22.9
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: P386307
 CATALOG NUMBER: GWC-SA2A-722-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: P386307
 CATALOG NUMBER: GWC-SA2A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1	1914.1
2.5°	1883.2	1908.9	1938.8	1968.4	1993.8	2019.1	2040.2
5°	1673.7	1725.2	1788.3	1851.1	1907.1	1963.1	2028.2
7.5°	1410.5	1477.1	1558.7	1640.3	1719.5	1798.3	1898.3
10°	1219.8	1287.4	1373.8	1460.0	1548.9	1637.6	1750.6
12.5°	1098.7	1153.5	1237.2	1320.8	1425.3	1529.6	1638.3
15°	1018.9	1078.7	1160.0	1241.4	1355.7	1470.0	1595.1
17.5°	933.7	1011.8	1116.1	1220.3	1355.7	1490.9	1638.3
20°	844.5	941.7	1076.9	1212.0	1394.4	1576.5	1764.7
22.5°	755.6	868.1	1041.5	1214.6	1452.9	1691.1	1945.0
25°	675.5	805.3	1019.9	1234.1	1538.1	1841.8	2156.8
27.5°	614.7	756.4	1011.1	1265.5	1646.1	2026.7	2387.2
30°	560.7	704.9	1000.5	1296.2	1750.1	2203.8	2567.3
32.5°	514.0	654.6	980.2	1305.5	1822.7	2339.9	2719.7
35°	477.3	615.4	946.0	1276.6	1868.2	2459.8	2878.5
37.5°	445.6	576.0	907.1	1238.2	1908.6	2579.1	3057.1
40°	415.5	533.8	873.7	1213.3	1964.4	2715.5	3245.8
42.5°	386.8	499.1	846.8	1194.5	2016.1	2837.6	3410.8
45°	365.5	472.5	822.9	1173.1	2049.5	2926.0	3535.1
47.5°	354.9	456.7	810.1	1163.3	2083.0	3002.3	3638.4
50°	353.4	453.9	824.7	1195.5	2155.3	3114.9	3756.4
52.5°	353.2	458.4	866.6	1274.8	2289.7	3304.3	3884.3
55°	347.9	461.2	916.6	1371.8	2470.1	3568.0	4114.2
57.5°	331.8	451.7	968.1	1484.3	2660.7	3836.8	4373.1
60°	307.0	428.5	1010.6	1592.4	2788.8	3985.0	4472.9
62.5°	275.8	388.1	1024.6	1660.9	2785.3	3909.7	4372.4
65°	249.2	345.7	978.4	1610.9	2644.4	3677.6	4173.7
67.5°	225.6	303.2	862.9	1422.3	2390.9	3359.3	3921.0
70°	208.5	275.3	713.9	1152.5	2073.7	2994.6	3628.3
72.5°	197.7	262.0	582.0	901.8	1682.8	2463.5	3103.6
75°	182.9	241.2	456.7	672.0	1287.9	1903.8	2344.2
77.5°	155.2	203.2	344.1	485.1	945.0	1404.7	1630.3
80°	119.8	157.0	236.6	316.3	650.4	984.5	1111.6
82.5°	85.4	109.5	143.4	177.3	432.1	686.5	697.1
85°	52.8	63.8	82.1	100.5	285.9	471.3	392.6
87.5°	28.4	33.9	43.5	52.8	91.4	130.1	74.9
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: P386307

CATALOG NUMBER: GWC-SA2A-722-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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



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Scaled Data Report





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

Scaled Data Report





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

Scaled Data Report





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

Scaled Data Report





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

Scaled Data Report





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

Scaled Data Report





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

Scaled Data Report



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