

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: P385495

Luminaire Tested: **GWC-SA1A-735-U-SLL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P385495  
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-SA1A-735-U-SLL  
Description: GALLEON WALL LUMINAIRE  
(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4108 lumens  
Efficiency: N/A  
Efficacy: 120.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B1 - U0 - G2

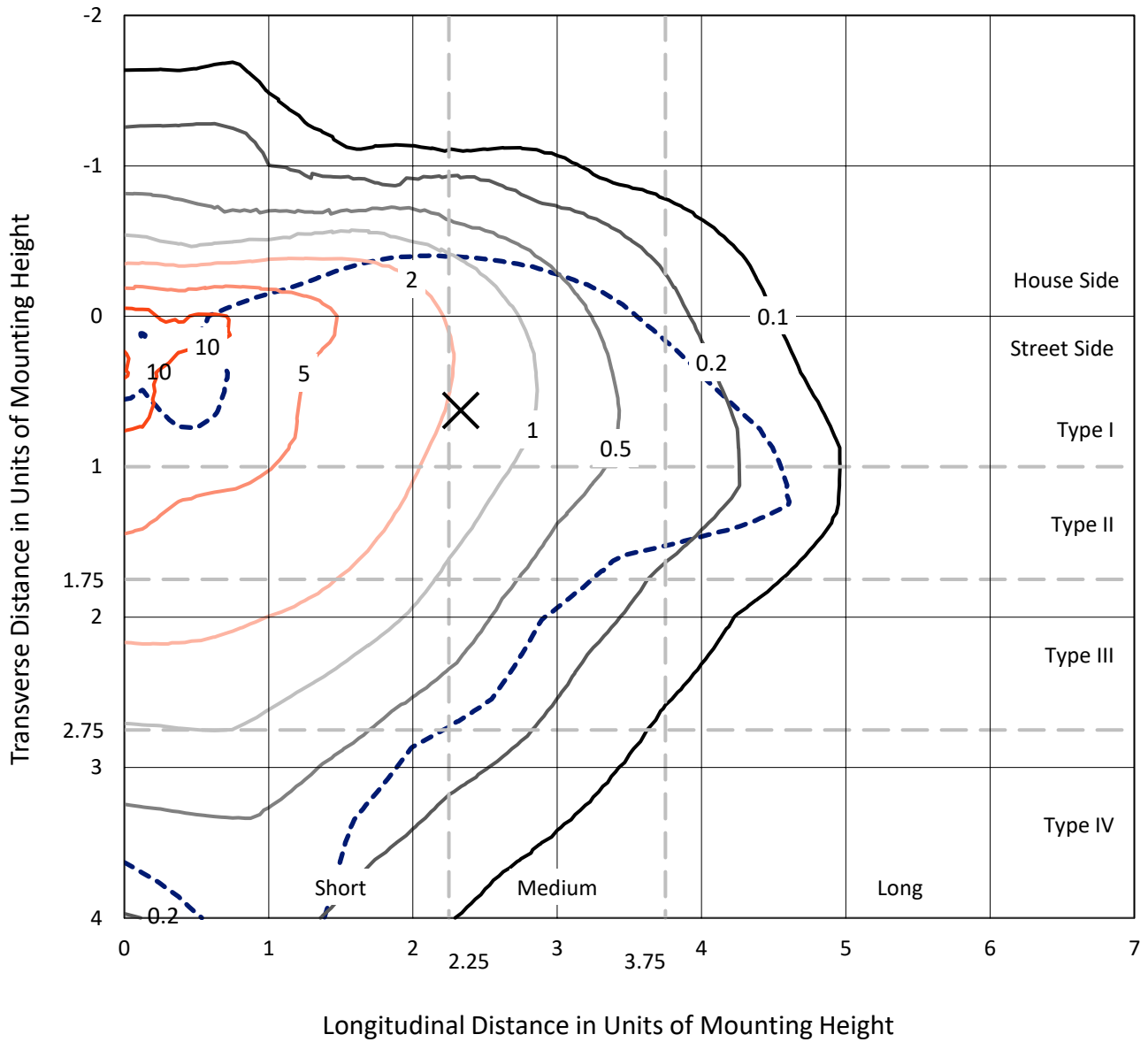
Input Watts (W): 34  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

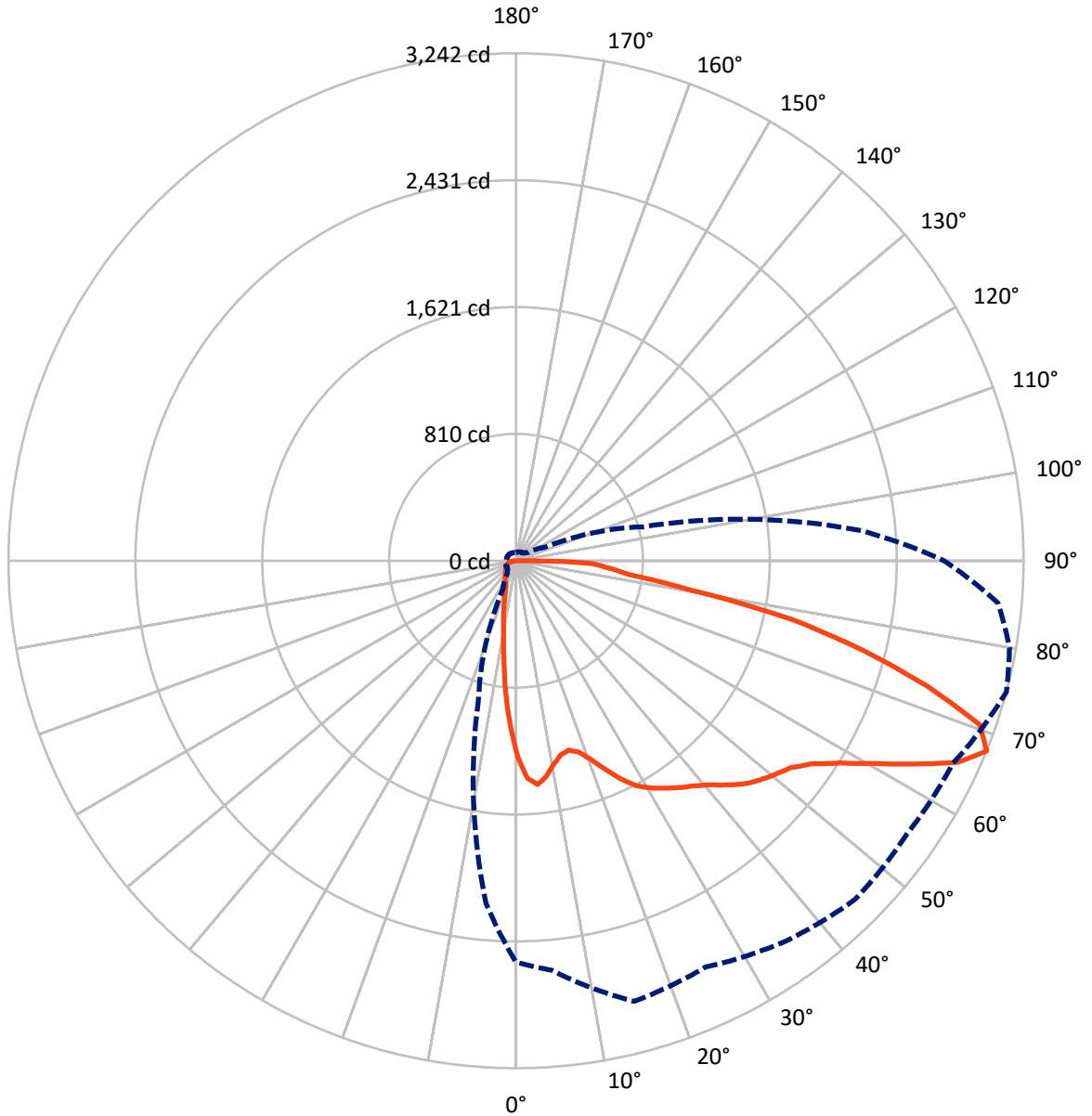
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 15.7 fc  
 Type III - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral    - - - Horizontal Cone Through 67.5-Deg Vertical

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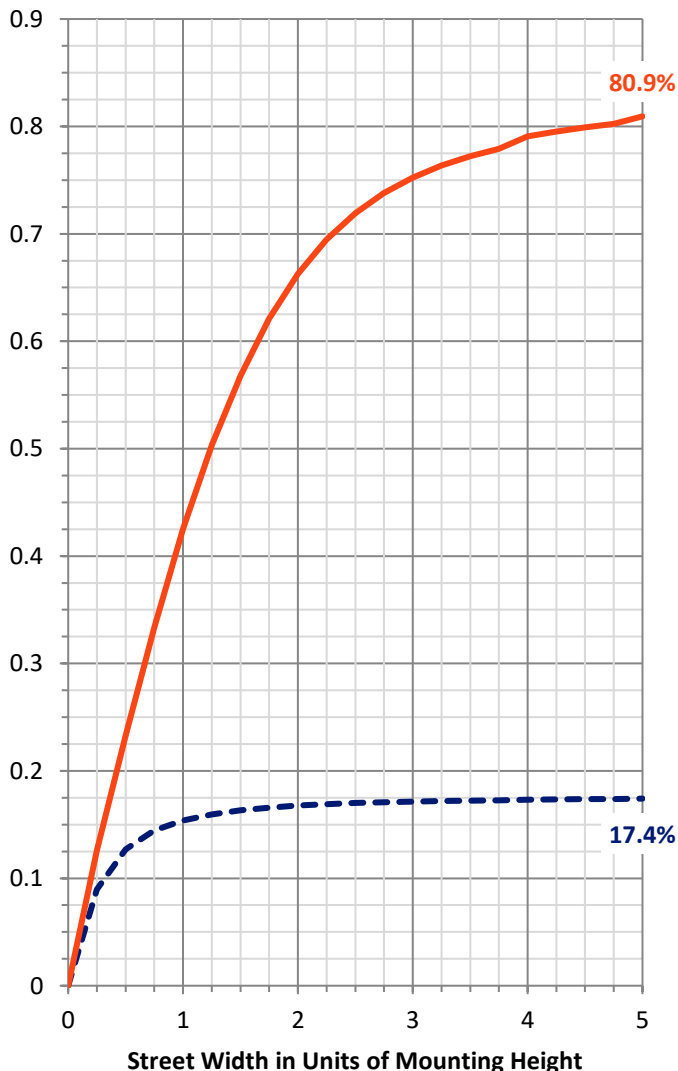
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	723.5	0.0	723.5
	% Fixture	17.6	0.0	17.6
<b>Street Side</b>	Lumens	3384.5	0.0	3384.5
	% Fixture	82.4	0.0	82.4
<b>Total</b>	Lumens	4108.0	0.0	4108.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	96.6	2.4
10°-20°	200.7	4.9
20°-30°	285.4	6.9
30°-40°	411.2	10.0
40°-50°	579.5	14.1
50°-60°	805.6	19.6
60°-70°	974.3	23.7
70°-80°	598.9	14.6
80°-90°	155.8	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°	4108.0	100.0
0°-180°	4108.0	100.0

**Coefficient of Utilization**



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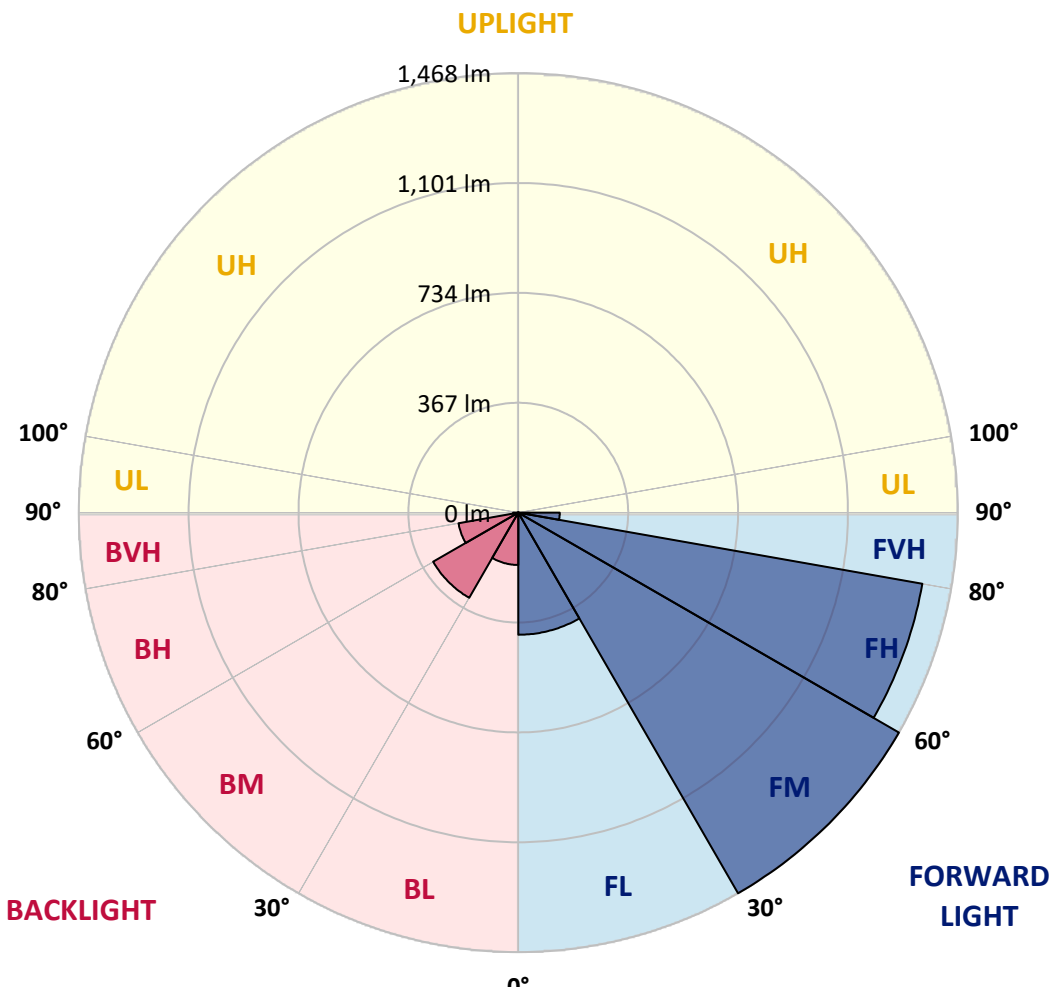
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	407.9	9.9			
FM (30°-60°)	1468.0	35.7			
FH (60°-80°)	1370.3	33.4			G1/1800
FVH (80°-90°)	138.3	3.4			G2/225
BL (0°-30°)	174.7	4.3	B1/500		
BM (30°-60°)	328.4	8.0	B1/1000		
BH (60°-80°)	202.8	4.9	B1/500		G1/500
BVH (80°-90°)	17.5	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-G2**

Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6
2.5°	1333.9	1351.5	1363.7	1375.6	1385.0	1394.2	1407.7	1421.2	1423.8	1426.3	1421.0
5°	1326.0	1369.0	1405.4	1441.7	1475.4	1509.0	1529.2	1549.4	1553.6	1557.7	1545.0
7.5°	1241.1	1304.4	1367.7	1430.9	1488.8	1546.8	1582.1	1617.3	1625.3	1633.2	1612.5
10°	1144.6	1218.2	1295.9	1373.6	1450.0	1526.3	1577.3	1628.4	1638.6	1648.8	1623.0
12.5°	1071.2	1151.5	1234.5	1317.4	1398.0	1478.5	1531.4	1584.3	1596.9	1609.6	1590.9
15°	1042.9	1130.9	1209.0	1287.0	1357.2	1427.4	1470.8	1513.9	1519.2	1524.4	1521.3
17.5°	1071.2	1168.2	1238.9	1309.3	1347.6	1385.7	1403.1	1420.4	1426.1	1431.7	1439.2
20°	1153.8	1258.6	1308.3	1357.9	1356.3	1354.5	1346.2	1337.6	1336.1	1334.6	1356.0
22.5°	1271.8	1393.4	1413.3	1433.0	1386.8	1340.7	1312.6	1284.3	1278.8	1273.1	1295.7
25°	1410.1	1539.8	1536.1	1532.3	1444.5	1356.5	1302.9	1249.4	1243.1	1236.9	1256.3
27.5°	1560.8	1684.6	1660.9	1637.3	1517.9	1398.5	1320.8	1243.1	1236.9	1230.7	1247.7
30°	1678.5	1790.9	1752.9	1715.0	1579.9	1444.7	1352.4	1260.0	1249.9	1239.5	1260.6
32.5°	1778.3	1873.8	1822.9	1772.0	1630.1	1488.2	1388.3	1288.5	1272.5	1256.6	1284.7
35°	1882.1	1956.6	1885.0	1813.2	1674.9	1536.5	1430.9	1325.1	1305.6	1286.0	1324.6
37.5°	1998.8	2060.7	1957.9	1854.9	1725.4	1595.7	1494.6	1393.2	1373.2	1353.2	1402.4
40°	2122.2	2173.8	2036.6	1899.5	1780.5	1661.6	1582.8	1503.8	1484.7	1465.5	1525.3
42.5°	2230.0	2267.7	2109.9	1952.0	1847.0	1741.9	1686.4	1630.8	1630.6	1630.2	1690.8
45°	2311.4	2344.1	2170.9	1997.6	1911.9	1826.0	1797.2	1768.2	1791.3	1814.5	1869.4
47.5°	2378.8	2401.0	2222.1	2043.2	1986.2	1929.1	1933.5	1937.7	1984.8	2032.0	2067.3
50°	2456.0	2438.1	2268.6	2099.0	2081.4	2063.8	2102.3	2140.5	2194.7	2248.8	2272.8
52.5°	2539.7	2492.2	2331.8	2171.1	2190.8	2210.5	2288.6	2366.9	2421.6	2476.2	2485.3
55°	2690.0	2617.2	2447.7	2278.0	2316.0	2353.7	2468.5	2583.1	2625.9	2668.5	2671.8
57.5°	2859.2	2794.7	2610.1	2425.5	2466.2	2507.0	2639.5	2771.9	2818.0	2864.0	2857.6
60°	2924.4	2927.6	2764.4	2600.9	2642.0	2683.0	2812.2	2941.2	2994.2	3047.1	3033.0
62.5°	2858.8	2935.8	2848.6	2761.3	2798.5	2835.7	2962.1	3088.5	3142.9	3197.2	3172.6
65°	2728.8	2805.2	2844.3	2883.4	2895.7	2908.1	3026.2	3144.1	3185.8	3227.3	3214.9
67.5°	2563.6	2625.4	2769.6	2913.6	2888.8	2864.0	2919.4	2974.7	3017.6	3060.5	3053.4
70°	2372.3	2445.9	2638.2	2830.5	2708.6	2586.6	2563.8	2541.0	2587.3	2633.4	2604.8
72.5°	2029.2	2140.2	2345.4	2550.4	2325.8	2101.3	2023.3	1945.3	2003.9	2062.5	2017.1
75°	1532.7	1680.0	1906.7	2133.2	1865.3	1597.4	1493.3	1389.2	1439.5	1490.0	1458.8
77.5°	1065.9	1250.7	1473.9	1697.1	1424.8	1152.4	1074.9	997.4	1012.6	1027.5	1022.2
80°	726.8	848.3	1004.0	1159.5	978.2	796.9	803.0	808.9	801.9	794.6	805.1
82.5°	455.8	541.4	661.5	781.6	685.4	589.1	644.3	699.5	672.4	645.2	655.3
85°	256.7	309.0	426.6	544.0	507.0	469.9	502.3	534.4	492.4	450.3	468.9
87.5°	48.9	81.4	236.0	390.4	354.4	318.5	276.7	235.0	179.3	123.7	180.6
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



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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°	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6
2.5°	1415.8	1412.9	1410.1	1400.2	1389.9	1374.9	1362.4	1340.7	1328.9	1310.9	1293.1
5°	1532.2	1514.5	1496.7	1466.2	1435.5	1401.3	1362.0	1318.5	1285.7	1243.0	1200.3
7.5°	1591.8	1550.5	1508.9	1450.2	1391.4	1338.5	1276.4	1218.7	1169.4	1113.8	1058.3
10°	1597.3	1535.2	1472.9	1396.7	1320.3	1256.2	1184.7	1120.4	1061.3	997.6	933.7
12.5°	1572.0	1505.9	1439.7	1355.8	1271.8	1198.8	1121.9	1050.0	984.5	914.3	844.0
15°	1518.4	1465.6	1412.8	1334.1	1255.5	1181.9	1107.3	1022.1	948.0	876.3	804.3
17.5°	1446.7	1421.7	1396.5	1339.7	1282.7	1219.0	1146.7	1046.7	960.0	882.0	803.9
20°	1377.2	1386.4	1395.4	1372.7	1350.1	1299.0	1235.9	1123.6	1012.9	910.8	808.7
22.5°	1318.2	1362.4	1406.4	1423.9	1441.4	1410.7	1361.4	1231.5	1085.0	951.8	818.6
25°	1275.5	1348.8	1422.0	1480.5	1538.7	1525.1	1487.2	1362.5	1180.5	1010.7	840.8
27.5°	1264.8	1354.7	1444.5	1535.2	1625.6	1638.3	1627.8	1500.7	1294.6	1084.0	873.3
30°	1281.6	1372.5	1463.4	1573.8	1684.0	1734.4	1748.5	1615.8	1424.8	1169.4	913.8
32.5°	1312.8	1402.0	1491.1	1611.3	1731.4	1807.7	1852.7	1721.1	1515.6	1233.8	951.8
35°	1363.2	1446.7	1530.1	1655.2	1780.3	1878.9	1961.0	1829.8	1596.2	1278.8	961.1
37.5°	1451.6	1523.3	1595.1	1710.7	1826.2	1953.9	2077.3	1949.5	1683.5	1322.1	960.6
40°	1585.0	1635.9	1686.4	1784.2	1881.7	2042.5	2209.1	2083.1	1779.9	1369.1	958.4
42.5°	1751.5	1777.6	1803.5	1880.9	1958.3	2135.0	2328.6	2213.6	1871.8	1412.8	953.8
45°	1924.1	1931.0	1937.9	1986.6	2035.3	2208.2	2410.1	2311.7	1952.2	1450.7	949.2
47.5°	2102.5	2078.8	2055.1	2074.6	2093.9	2264.4	2468.2	2386.1	2032.8	1492.8	952.6
50°	2296.7	2230.9	2165.0	2154.9	2144.6	2320.6	2536.7	2480.7	2129.7	1554.0	978.4
52.5°	2494.2	2385.6	2277.0	2236.8	2196.4	2387.6	2627.5	2598.5	2268.0	1649.0	1029.8
55°	2675.1	2537.0	2398.9	2344.7	2290.5	2490.1	2738.4	2771.4	2445.2	1770.4	1095.3
57.5°	2851.1	2694.6	2538.1	2487.8	2437.5	2640.6	2878.8	2926.6	2624.2	1886.8	1149.2
60°	3018.9	2864.0	2709.0	2668.7	2628.3	2827.9	3030.6	2995.7	2716.5	1941.4	1166.0
62.5°	3148.0	3024.8	2901.6	2880.5	2859.1	3017.2	3147.2	2968.8	2657.9	1887.6	1117.3
65°	3202.4	3132.2	3062.0	3081.8	3101.5	3160.5	3176.3	2890.0	2473.6	1737.1	1000.7
67.5°	3046.2	3060.5	3074.7	3158.1	3241.5	3200.9	3089.9	2734.6	2211.3	1524.0	836.6
70°	2576.1	2661.9	2747.4	2944.8	3142.1	3052.1	2858.5	2455.8	1895.7	1278.4	661.1
72.5°	1971.4	2067.8	2164.0	2457.1	2749.9	2666.9	2429.7	2017.1	1519.8	1020.9	521.8
75°	1427.4	1536.3	1645.1	1968.2	2291.5	2176.4	1817.4	1444.1	1154.4	779.3	404.0
77.5°	1016.8	1089.7	1162.7	1482.0	1801.1	1613.5	1209.8	971.8	799.0	541.7	284.2
80°	815.6	793.3	771.0	948.8	1126.7	1095.5	800.2	624.1	553.0	363.0	172.9
82.5°	665.4	610.8	556.3	640.0	723.8	719.2	555.3	457.9	411.5	252.2	93.0
85°	487.3	465.5	443.6	517.7	591.7	528.5	376.1	291.0	320.9	185.7	50.5
87.5°	237.7	271.5	305.1	392.6	479.7	360.2	114.1	56.5	78.2	51.4	24.5
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: P385495  
 CATALOG NUMBER: GWC-SA1A-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: P385495

CATALOG NUMBER: GWC-SA1A-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6
2.5°	1279.7	1266.3	1251.0	1235.8	1218.3	1200.7	1190.4	1179.9	1168.6	1157.2	1144.5
5°	1172.0	1143.8	1111.8	1079.7	1048.0	1016.3	999.2	982.1	964.1	945.9	930.1
7.5°	1017.3	976.1	931.7	887.3	847.8	808.3	783.7	759.1	736.8	714.3	695.4
10°	881.2	828.6	784.1	739.4	709.7	679.9	657.5	634.9	613.2	591.4	570.6
12.5°	791.4	738.9	710.7	682.4	657.8	633.2	607.2	581.1	551.3	521.5	499.7
15°	756.5	708.7	677.3	645.8	612.8	579.6	547.8	515.9	480.7	445.6	420.8
17.5°	741.4	678.8	634.9	591.0	547.4	503.9	467.0	430.0	391.5	353.1	327.9
20°	725.5	642.2	583.4	524.5	468.6	412.8	370.9	329.0	294.7	260.3	241.1
22.5°	711.0	603.3	529.5	455.6	389.6	323.5	282.5	241.2	220.3	199.2	191.5
25°	705.1	569.3	478.6	388.0	318.3	248.5	219.3	190.0	182.0	173.8	169.8
27.5°	706.0	538.8	435.7	332.5	269.7	206.9	186.9	166.8	162.0	156.9	154.3
30°	709.8	505.9	395.3	284.8	233.1	181.3	168.3	155.2	149.9	144.7	141.6
32.5°	714.1	476.3	364.1	251.8	209.6	167.2	156.5	145.7	140.6	135.5	132.4
35°	706.7	452.1	342.8	233.3	194.5	155.4	146.4	137.2	131.5	126.0	123.1
37.5°	694.2	427.8	326.2	224.3	184.6	144.7	138.1	131.4	125.7	119.8	117.0
40°	682.9	407.3	313.9	220.3	179.1	138.0	132.4	126.8	120.9	114.8	111.5
42.5°	673.7	393.5	301.7	209.9	174.3	138.5	130.6	122.5	116.8	111.0	107.4
45°	666.8	384.5	292.2	199.9	169.7	139.4	129.4	119.4	113.7	107.7	103.4
47.5°	666.1	379.7	285.5	191.2	160.9	130.6	126.4	122.4	113.9	105.4	100.5
50°	675.2	372.0	277.6	183.0	152.6	122.2	127.8	133.2	118.9	104.5	98.3
52.5°	694.1	358.4	265.1	171.8	142.4	112.8	121.6	130.1	117.8	105.3	97.2
55°	716.9	338.4	246.2	153.9	128.9	103.8	111.5	119.1	111.3	103.4	93.8
57.5°	731.2	313.0	222.4	131.7	113.9	95.9	100.3	104.6	101.5	98.4	88.5
60°	722.7	279.4	195.6	111.7	100.5	89.3	88.5	87.6	92.2	96.8	85.4
62.5°	681.0	244.5	172.0	99.4	91.0	82.5	80.6	78.6	86.2	93.7	81.6
65°	610.5	220.3	157.0	93.8	84.5	75.1	73.1	71.1	73.5	75.7	70.2
67.5°	521.0	205.3	148.5	91.7	80.3	68.9	66.5	64.3	63.7	63.2	61.2
70°	428.6	196.1	142.9	89.7	75.9	61.9	59.7	57.7	57.0	56.2	54.7
72.5°	358.4	194.9	142.2	89.5	72.2	55.0	53.1	51.1	50.3	49.3	48.1
75°	293.5	183.0	135.0	87.1	67.4	47.4	45.7	43.9	43.2	42.4	41.4
77.5°	217.8	151.4	113.5	75.5	57.7	39.7	38.0	36.0	35.8	35.5	34.7
80°	141.3	109.5	81.2	52.7	42.1	31.2	29.7	28.1	28.3	28.4	27.7
82.5°	78.5	63.9	49.6	35.3	28.7	22.2	21.5	20.7	21.2	21.5	20.7
85°	41.4	32.2	26.6	21.0	16.6	12.1	12.1	12.0	12.7	13.3	12.7
87.5°	17.9	11.4	9.7	7.9	4.4	0.8	0.9	0.9	1.3	1.6	1.5
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: P385495  
 CATALOG NUMBER: GWC-SA1A-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: P385495  
 CATALOG NUMBER: GWC-SA1A-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6
2.5°	1131.4	1119.5	1107.3	1094.0	1096.5	1086.3	1076.1	1069.7	1063.3	1061.3	1059.4
5°	914.3	900.7	886.9	874.6	885.3	878.1	870.8	869.8	868.7	868.7	868.5
7.5°	676.6	661.9	647.1	636.9	647.4	646.1	644.8	651.8	658.9	664.7	670.3
10°	549.7	532.0	514.0	499.0	496.4	488.8	481.1	482.7	484.2	490.5	496.7
12.5°	477.8	456.5	435.4	417.7	409.6	397.2	384.5	376.6	368.7	369.6	370.2
15°	395.9	375.3	354.6	339.3	334.2	324.6	314.9	305.0	295.0	290.8	286.6
17.5°	302.7	286.2	269.7	259.5	259.5	256.7	253.9	249.0	243.9	239.8	235.5
20°	221.9	213.1	204.3	200.1	201.3	201.5	201.5	203.9	206.5	205.2	203.8
22.5°	183.7	180.5	177.4	175.6	176.2	176.4	176.5	178.9	181.0	182.6	184.1
25°	165.7	163.7	161.8	161.1	162.6	162.8	162.8	164.2	165.7	167.4	169.0
27.5°	151.7	151.0	150.1	149.0	150.5	150.5	150.3	151.9	153.4	154.9	156.2
30°	138.5	138.7	138.9	138.7	139.6	140.3	140.7	141.9	142.9	144.0	145.2
32.5°	129.1	128.6	128.1	127.8	129.9	131.0	132.2	133.4	134.3	134.8	135.4
35°	120.1	118.9	117.8	117.0	118.9	120.4	121.8	124.0	126.0	126.3	126.6
37.5°	113.9	112.5	111.0	110.0	110.8	111.5	112.2	114.5	116.8	118.1	119.2
40°	108.2	106.7	105.3	104.5	104.9	105.1	105.3	106.4	107.4	109.9	112.2
42.5°	103.6	101.8	100.0	99.0	99.4	99.7	99.9	99.7	99.6	101.8	104.1
45°	99.0	97.0	95.1	93.9	94.1	94.1	94.1	93.8	93.3	94.4	95.6
47.5°	95.4	93.1	90.8	89.7	89.3	89.1	88.7	88.5	88.2	89.1	89.7
50°	91.8	89.3	86.7	85.4	84.5	84.3	83.9	83.8	83.4	84.3	84.9
52.5°	89.1	86.0	83.1	81.0	80.1	79.7	79.2	79.3	79.3	79.7	79.8
55°	84.1	81.4	78.6	77.2	75.7	75.4	75.1	75.5	75.9	75.9	75.9
57.5°	78.6	76.2	73.6	72.6	71.3	71.3	71.1	71.8	72.2	72.6	72.9
60°	73.9	71.1	68.3	67.5	67.0	66.9	66.7	67.5	68.2	68.9	69.5
62.5°	69.5	66.5	63.6	62.6	62.4	62.6	62.6	63.4	64.1	64.7	65.4
65°	64.5	61.6	58.4	57.5	57.8	58.3	58.8	59.5	59.9	60.6	61.2
67.5°	59.1	56.6	54.0	53.1	53.2	53.8	54.5	55.0	55.3	56.0	56.6
70°	53.2	51.1	48.9	48.3	48.1	48.9	49.6	50.0	50.3	51.1	51.8
72.5°	46.8	45.0	43.2	42.7	42.8	43.4	43.9	44.3	44.7	45.5	46.1
75°	40.2	38.6	36.9	36.6	36.9	37.5	38.0	38.2	38.6	39.5	40.4
77.5°	33.8	32.0	30.1	29.9	30.3	30.9	31.2	31.7	32.2	33.5	34.9
80°	27.1	25.2	23.0	22.8	23.3	23.9	24.3	24.8	25.3	27.0	28.4
82.5°	19.9	17.6	15.3	14.9	16.6	17.1	17.6	18.4	19.1	20.6	22.0
85°	12.0	9.7	7.4	7.2	8.7	9.5	10.3	11.4	12.1	13.4	14.7
87.5°	1.3	0.7	0.0	0.0	0.2	0.8	1.5	2.3	3.1	4.4	5.5
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: P385495  
 CATALOG NUMBER: GWC-SA1A-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: P385495  
 CATALOG NUMBER: GWC-SA1A-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6
2.5°	1052.1	1044.7	1052.3	1059.6	1062.8	1065.9	1057.9	1049.7	1062.5	1075.1	1078.4
5°	861.9	855.2	860.3	865.2	854.2	843.2	842.1	840.8	850.2	859.8	861.2
7.5°	668.1	666.0	670.7	675.5	661.5	647.4	640.6	633.6	636.0	638.2	637.9
10°	498.2	499.5	505.4	511.1	500.3	489.4	484.6	479.9	485.2	490.3	495.1
12.5°	373.1	375.9	382.1	388.3	383.8	379.2	379.7	380.2	386.3	392.2	397.5
15°	289.9	293.2	297.6	301.8	302.0	302.0	306.3	310.4	309.9	309.4	313.0
17.5°	239.9	244.2	244.7	245.2	245.4	245.6	245.2	244.9	242.5	239.9	242.7
20°	205.4	206.9	208.3	209.4	207.9	206.3	202.2	198.1	196.4	194.8	197.5
22.5°	186.9	189.6	188.3	186.8	183.7	180.6	177.5	174.3	174.1	173.8	175.3
25°	171.3	173.4	171.2	168.8	166.7	164.6	162.4	160.3	160.2	160.0	160.6
27.5°	158.3	160.3	158.2	156.0	154.2	152.4	150.8	149.2	148.8	148.5	148.6
30°	147.2	149.0	147.2	145.2	143.9	142.4	141.3	140.1	140.0	139.8	139.8
32.5°	137.2	138.9	137.6	136.3	135.2	134.1	133.2	132.4	131.5	130.8	128.9
35°	128.4	130.2	129.4	128.4	127.1	125.8	124.4	122.7	120.5	118.3	117.2
37.5°	121.1	122.9	122.0	121.2	119.4	117.6	115.0	112.2	111.5	110.7	110.6
40°	115.2	117.9	116.3	114.5	111.7	108.9	107.6	106.2	106.0	105.6	105.3
42.5°	108.6	112.8	109.9	106.9	104.3	101.6	101.4	101.0	100.8	100.7	100.7
45°	100.3	104.9	102.0	98.9	97.4	95.9	95.9	95.9	96.1	96.1	96.4
47.5°	92.6	95.4	93.9	92.4	91.7	90.8	91.0	91.1	91.7	92.0	92.8
50°	86.0	87.1	87.4	87.6	87.1	86.5	86.9	87.1	87.6	87.8	88.5
52.5°	81.3	82.8	82.8	82.6	82.6	82.6	82.9	83.2	83.8	84.3	84.9
55°	78.2	80.3	79.7	79.0	79.2	79.2	79.5	79.8	80.3	80.6	81.6
57.5°	75.2	77.5	76.8	76.2	76.2	76.2	76.4	76.6	77.0	77.3	78.0
60°	71.8	74.1	73.5	72.6	72.8	72.9	73.1	73.1	73.5	73.6	73.6
62.5°	67.6	70.0	69.3	68.5	69.0	69.3	69.3	69.3	69.6	69.8	69.3
65°	63.4	65.6	64.9	64.3	64.9	65.4	65.7	65.9	65.7	65.6	65.0
67.5°	58.8	61.0	60.3	59.5	60.3	61.0	61.6	62.1	61.6	61.1	60.4
70°	53.8	56.0	55.1	54.4	55.1	56.0	56.6	57.3	56.6	56.0	55.8
72.5°	48.7	51.1	50.1	49.1	50.1	51.1	51.4	51.8	51.2	50.7	50.4
75°	42.8	45.4	44.5	43.5	44.3	45.2	45.4	45.5	45.5	45.4	44.3
77.5°	36.8	38.8	38.2	37.8	38.2	38.8	38.8	38.8	38.9	38.9	37.6
80°	29.6	30.7	30.9	31.0	31.2	31.4	31.2	31.0	30.7	30.3	29.6
82.5°	22.0	22.0	23.3	24.5	24.5	24.3	24.1	23.9	23.2	22.4	20.6
85°	14.0	13.2	15.3	17.3	17.3	17.1	16.7	16.3	14.9	13.4	12.0
87.5°	4.8	3.9	6.1	8.2	8.4	8.4	8.1	7.7	6.4	4.9	3.8
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: P385495  
 CATALOG NUMBER: GWC-SA1A-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: P385495  
 CATALOG NUMBER: GWC-SA1A-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6
2.5°	1083.3	1085.5	1087.4	1103.5	1119.5	1138.2	1156.9	1171.2	1185.3	1200.0	1214.5
5°	866.4	869.0	871.7	891.2	910.6	936.7	962.8	985.2	1007.8	1034.2	1060.7
7.5°	642.2	647.9	653.5	674.4	695.1	723.1	751.0	780.4	809.7	844.2	878.7
10°	504.4	515.3	525.9	547.3	568.6	596.3	623.9	654.7	685.4	719.4	753.2
12.5°	408.3	422.7	437.0	462.7	488.3	521.5	554.4	588.6	622.6	652.5	682.4
15°	322.6	338.4	354.0	381.0	408.2	444.6	480.9	518.2	555.3	591.1	627.0
17.5°	251.6	264.6	277.4	300.4	323.2	358.6	393.9	433.0	472.0	515.7	559.2
20°	203.0	208.5	213.8	230.4	246.9	275.6	304.2	344.1	384.0	436.3	488.5
22.5°	177.8	180.6	183.3	191.4	199.2	217.8	236.2	271.5	306.6	363.6	420.5
25°	162.8	164.9	167.0	172.3	177.5	186.4	195.3	220.1	244.9	300.9	356.7
27.5°	149.2	152.4	155.6	158.0	160.3	166.4	172.3	188.5	204.8	257.0	309.1
30°	139.3	140.4	141.6	145.3	149.0	155.2	161.5	172.8	184.1	228.3	272.3
32.5°	127.8	129.4	131.0	135.0	138.9	144.7	150.5	159.6	168.7	206.5	244.1
35°	117.4	119.1	120.7	124.7	128.4	134.7	140.7	148.5	156.0	188.9	221.7
37.5°	111.0	112.6	114.3	117.8	121.1	127.3	133.4	139.4	145.3	175.8	206.1
40°	105.6	107.3	108.9	112.2	115.3	121.4	127.3	132.4	137.4	165.9	194.3
42.5°	100.8	102.7	104.5	107.7	110.8	116.3	121.7	128.4	135.0	157.3	179.5
45°	96.9	98.7	100.3	104.0	107.6	112.8	118.1	127.5	136.8	152.9	169.0
47.5°	93.3	95.3	97.0	101.0	104.9	111.5	117.9	125.8	133.5	149.5	165.4
50°	89.8	92.2	94.4	99.2	103.8	114.8	125.7	126.8	127.8	146.6	165.4
52.5°	86.5	89.1	91.8	97.7	103.4	116.3	129.1	125.0	120.7	141.4	162.1
55°	83.2	85.6	87.7	95.0	102.1	111.5	120.9	115.5	109.9	131.5	153.2
57.5°	78.8	81.3	83.6	91.3	99.0	105.6	112.0	107.1	102.0	120.4	138.7
60°	74.2	77.0	79.8	89.7	99.4	98.3	96.9	95.9	94.8	107.9	121.1
62.5°	70.2	73.1	76.0	88.9	101.6	93.8	85.9	86.7	87.4	97.0	106.7
65°	66.0	69.0	71.8	78.2	84.5	81.4	78.3	79.7	80.8	90.4	99.9
67.5°	61.4	64.1	66.5	68.7	70.8	71.1	71.5	72.8	74.1	85.4	96.6
70°	56.4	58.4	60.6	62.1	63.4	64.1	64.5	66.2	67.8	80.1	92.4
72.5°	50.5	52.4	54.0	55.3	56.6	57.1	57.5	59.1	60.8	73.9	87.1
75°	44.3	45.8	47.2	48.3	49.4	50.1	50.7	51.9	53.1	67.4	81.4
77.5°	37.5	38.9	40.2	41.2	42.1	42.7	43.2	44.7	46.1	58.1	70.0
80°	29.2	31.0	32.7	33.5	34.2	34.3	34.3	35.6	36.9	45.5	53.8
82.5°	20.7	22.6	24.5	25.2	25.7	25.7	25.7	27.2	28.7	34.5	40.1
85°	12.1	14.3	16.3	16.9	17.6	17.9	18.0	18.7	19.3	23.3	27.2
87.5°	3.8	5.5	7.2	7.5	7.9	8.5	9.2	9.4	9.4	12.1	14.9
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: P385495  
 CATALOG NUMBER: GWC-SA1A-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: P385495  
 CATALOG NUMBER: GWC-SA1A-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6
2.5°	1231.4	1248.1	1267.6	1287.0	1303.6	1320.1	1333.9
5°	1094.3	1128.0	1169.3	1210.3	1247.0	1283.5	1326.0
7.5°	922.2	965.7	1019.1	1072.5	1124.3	1175.8	1241.1
10°	797.5	841.7	898.2	954.6	1012.7	1070.7	1144.6
12.5°	718.4	754.1	808.9	863.6	931.9	1000.1	1071.2
15°	666.1	705.2	758.5	811.6	886.4	961.1	1042.9
17.5°	610.5	661.5	729.7	797.9	886.4	974.8	1071.2
20°	552.2	615.8	704.1	792.5	911.7	1030.8	1153.8
22.5°	494.0	567.6	681.0	794.1	950.0	1105.7	1271.8
25°	441.6	526.5	666.8	806.9	1005.6	1204.2	1410.1
27.5°	401.9	494.5	661.1	827.4	1076.3	1325.1	1560.8
30°	366.6	460.9	654.2	847.5	1144.3	1440.8	1678.5
32.5°	336.0	428.0	640.9	853.5	1191.7	1529.9	1778.3
35°	312.1	402.3	618.5	834.7	1221.5	1608.2	1882.1
37.5°	291.4	376.6	593.0	809.6	1247.9	1686.2	1998.8
40°	271.7	349.0	571.2	793.3	1284.3	1775.5	2122.2
42.5°	252.9	326.3	553.7	780.9	1318.2	1855.3	2230.0
45°	239.0	309.0	538.1	767.0	1340.0	1913.1	2311.4
47.5°	232.0	298.6	529.6	760.6	1361.8	1963.0	2378.8
50°	231.1	296.8	539.2	781.6	1409.2	2036.6	2456.0
52.5°	230.9	299.8	566.6	833.5	1497.0	2160.4	2539.7
55°	227.4	301.5	599.3	896.9	1615.0	2332.9	2690.0
57.5°	217.0	295.3	633.0	970.5	1739.7	2508.7	2859.2
60°	200.7	280.2	660.8	1041.1	1823.4	2605.5	2924.4
62.5°	180.4	253.7	670.0	1085.9	1821.1	2556.3	2858.8
65°	162.9	226.0	639.7	1053.2	1729.0	2404.5	2728.8
67.5°	147.5	198.2	564.2	929.9	1563.2	2196.4	2563.6
70°	136.3	180.0	466.8	753.6	1355.8	1957.9	2372.3
72.5°	129.3	171.3	380.5	589.7	1100.2	1610.7	2029.2
75°	119.6	157.6	298.6	439.4	842.1	1244.8	1532.7
77.5°	101.5	132.8	225.0	317.1	617.8	918.4	1065.9
80°	78.3	102.7	154.7	206.8	425.3	643.7	726.8
82.5°	55.8	71.6	93.8	115.9	282.5	448.8	455.8
85°	34.5	41.7	53.7	65.7	186.9	308.1	256.7
87.5°	18.6	22.2	28.4	34.5	59.7	85.1	48.9
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: P385495  
 CATALOG NUMBER: GWC-SA1A-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

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

Scaled Data Report



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1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



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1121 Highway 74 South  
Peachtree City, GA 30269

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

Scaled Data Report





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

Scaled Data Report





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

Scaled Data Report





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

Scaled Data Report



(END OF REPORT)