

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: P385551

Luminaire Tested: **GWC-SA1A-760-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P385551
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-760-U-SLL
Description: GALLEON WALL LUMINAIRE
(1) 70 CRI, 5700K, 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: 4374 lumens
Efficiency: N/A
Efficacy: 128.6 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

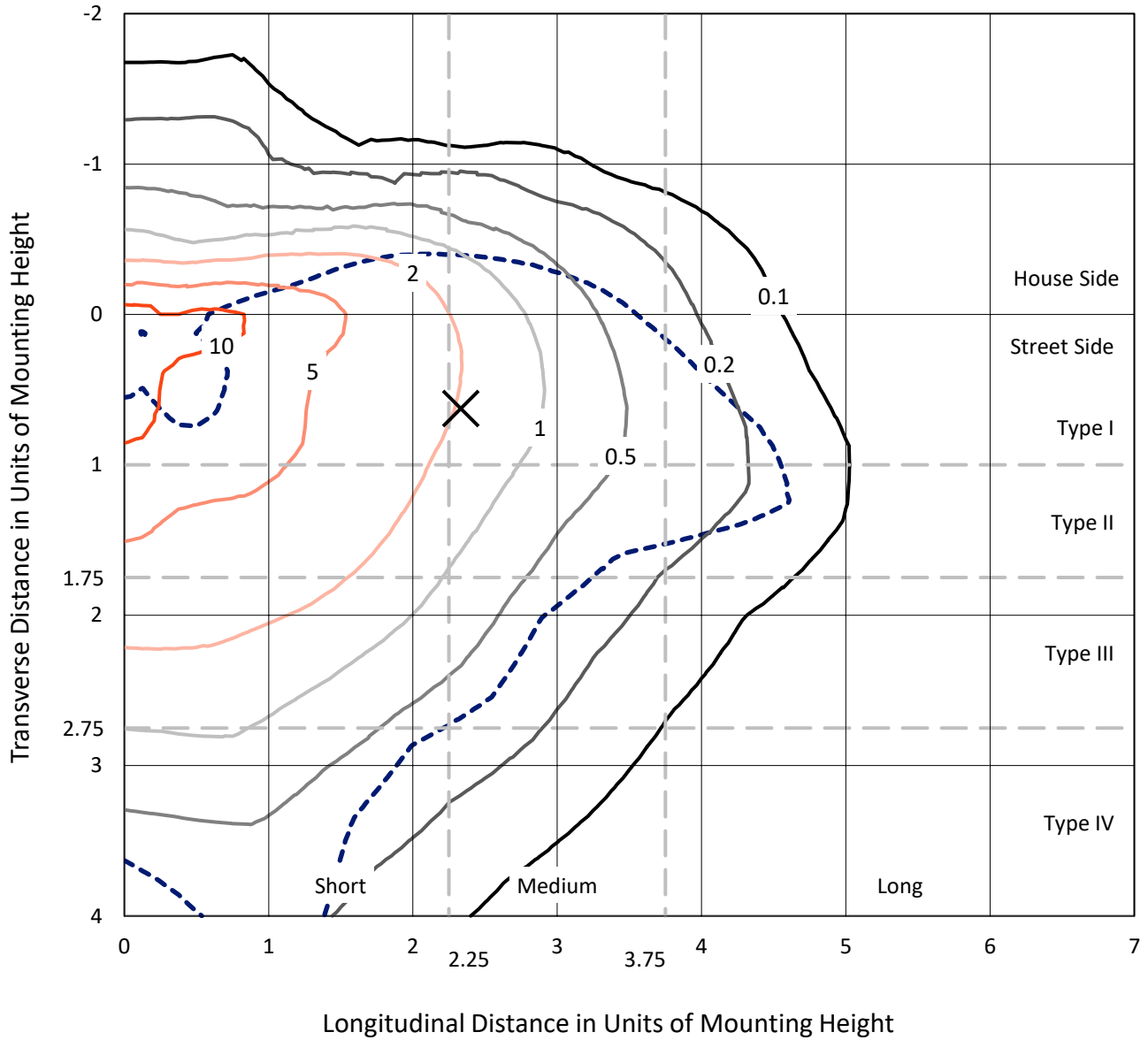
Input Watts (W): 34
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P385551
 CATALOG NUMBER: GWC-SA1A-760-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

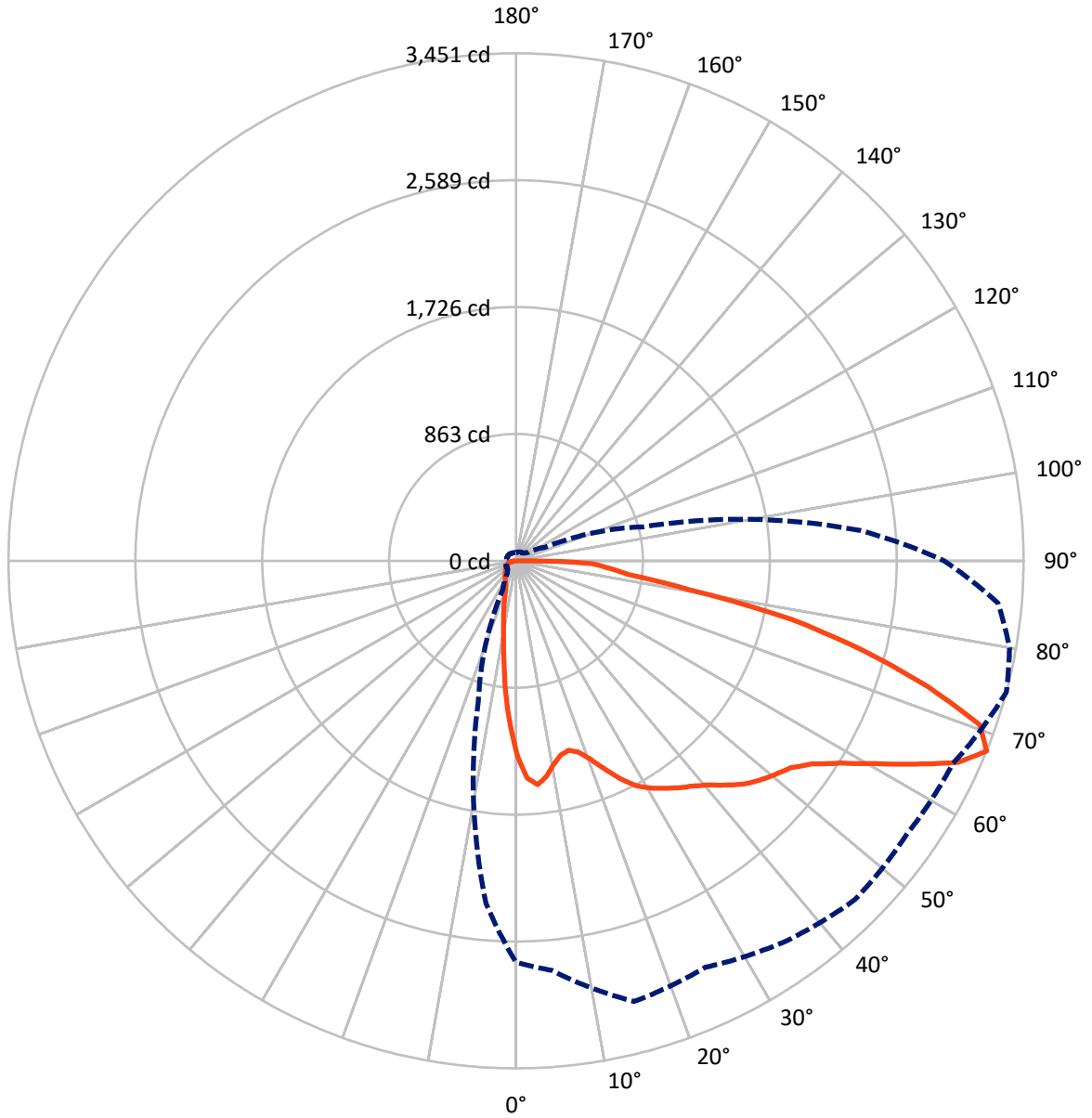
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 16.8 fc
 Type III - Medium - N/A

REPORT NUMBER: P385551
CATALOG NUMBER: GWC-SA1A-760-U-SLL

Luminous Intensity Polar Plot



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

REPORT NUMBER: P385551

CATALOG NUMBER: GWC-SA1A-760-U-SLL

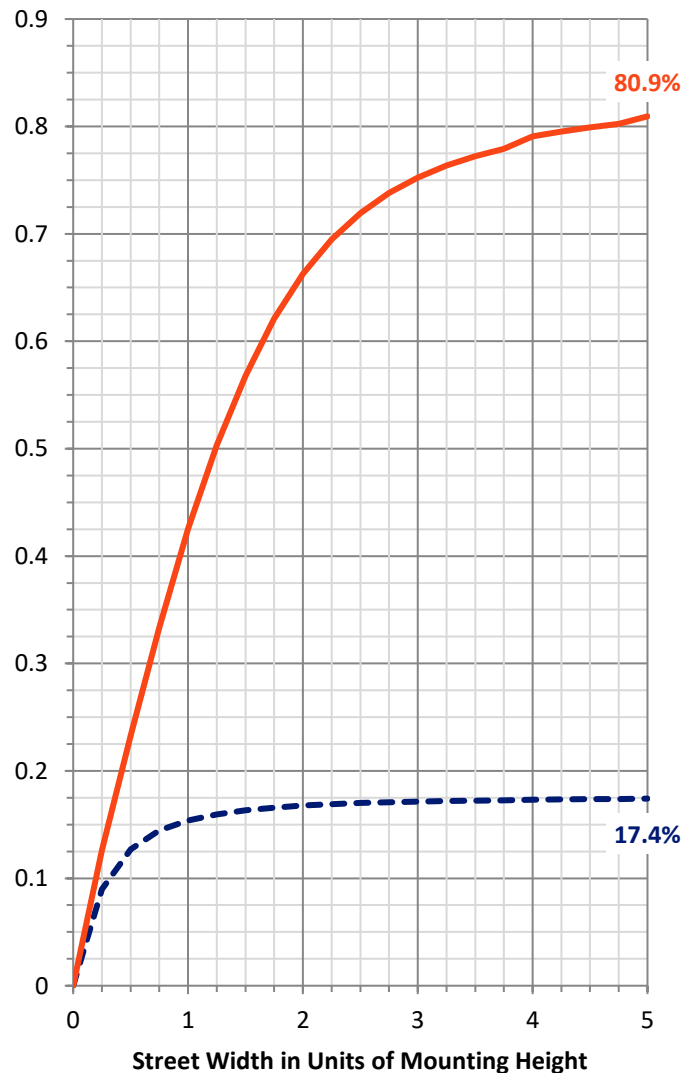
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	770.4	0.0	770.4
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	3603.6	0.0	3603.6
	% Fixture	82.4	0.0	82.4
Total	Lumens	4374.0	0.0	4374.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.8	2.4
10°-20°	213.6	4.9
20°-30°	303.9	6.9
30°-40°	437.9	10.0
40°-50°	617.1	14.1
50°-60°	857.8	19.6
60°-70°	1037.4	23.7
70°-80°	637.6	14.6
80°-90°	165.9	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°	4374.0	100.0
0°-180°	4374.0	100.0

Coefficient of Utilization



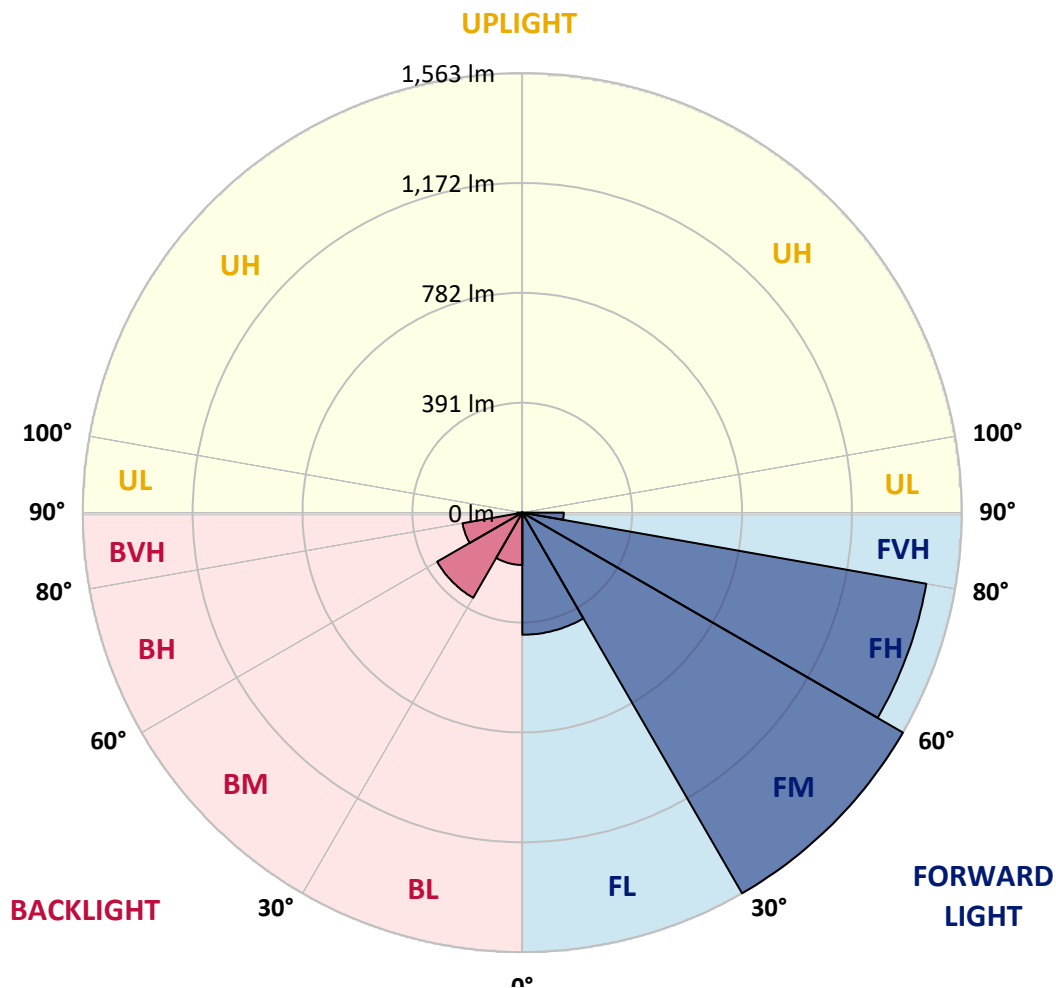
REPORT NUMBER: P385551

CATALOG NUMBER: GWC-SA1A-760-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	434.3	9.9			
FM (30°-60°)	1563.0	35.7			
FH (60°-80°)	1459.0	33.4			G1/1800
FVH (80°-90°)	147.3	3.4			G2/225
BL (0°-30°)	186.1	4.3	B1/500		
BM (30°-60°)	349.7	8.0	B1/1000		
BH (60°-80°)	216.0	4.9	B1/500		G1/500
BVH (80°-90°)	18.6	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





REPORT NUMBER: P385551

CATALOG NUMBER: GWC-SA1A-760-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6
2.5°	1420.3	1439.1	1452.0	1464.8	1474.7	1484.5	1498.9	1513.2	1516.0	1518.6	1513.0
5°	1412.0	1457.6	1496.4	1535.1	1570.9	1606.8	1628.3	1649.8	1654.2	1658.5	1645.1
7.5°	1321.5	1388.9	1456.2	1523.5	1585.3	1647.0	1684.6	1722.0	1730.6	1739.0	1716.9
10°	1218.7	1297.1	1379.8	1462.5	1543.8	1625.1	1679.5	1733.9	1744.7	1755.6	1728.1
12.5°	1140.5	1226.1	1314.4	1402.7	1488.5	1574.2	1630.5	1686.9	1700.3	1713.8	1693.9
15°	1110.5	1204.2	1287.3	1370.3	1445.2	1519.9	1566.0	1612.0	1617.6	1623.0	1619.9
17.5°	1140.5	1243.9	1319.1	1394.1	1434.9	1475.4	1494.0	1512.3	1518.5	1524.4	1532.4
20°	1228.5	1340.1	1393.1	1445.9	1444.1	1442.2	1433.3	1424.2	1422.6	1421.0	1443.8
22.5°	1354.1	1483.7	1504.8	1525.8	1476.7	1427.5	1397.6	1367.5	1361.6	1355.5	1379.6
25°	1501.5	1639.5	1635.6	1631.6	1538.0	1444.3	1387.3	1330.3	1323.6	1317.0	1337.6
27.5°	1661.9	1793.7	1768.5	1743.3	1616.2	1489.1	1406.4	1323.6	1317.0	1310.4	1328.5
30°	1787.2	1906.9	1866.5	1826.1	1682.1	1538.2	1439.9	1341.7	1330.8	1319.8	1342.2
32.5°	1893.4	1995.2	1941.0	1886.7	1735.7	1584.6	1478.2	1371.9	1354.9	1338.0	1367.9
35°	2003.9	2083.3	2007.1	1930.6	1783.4	1636.0	1523.5	1410.9	1390.1	1369.3	1410.4
37.5°	2128.2	2194.2	2084.7	1975.1	1837.1	1699.1	1591.4	1483.5	1462.1	1440.8	1493.3
40°	2259.6	2314.5	2168.5	2022.4	1895.8	1769.2	1685.3	1601.2	1580.9	1560.4	1624.1
42.5°	2374.5	2414.5	2246.5	2078.4	1966.7	1854.7	1795.6	1736.3	1736.2	1735.8	1800.4
45°	2461.0	2495.8	2311.5	2127.0	2035.7	1944.3	1913.5	1882.7	1907.4	1932.0	1990.4
47.5°	2532.9	2556.5	2366.1	2175.5	2114.8	2054.1	2058.6	2063.2	2113.4	2163.6	2201.2
50°	2615.1	2596.0	2415.6	2234.9	2216.2	2197.5	2238.4	2279.2	2336.9	2394.4	2419.9
52.5°	2704.1	2653.6	2482.7	2311.7	2332.7	2353.7	2436.9	2520.1	2578.4	2636.6	2646.2
55°	2864.1	2786.7	2606.2	2425.5	2465.9	2506.2	2628.4	2750.5	2795.9	2841.4	2844.9
57.5°	3044.4	2975.7	2779.1	2582.6	2625.9	2669.3	2810.4	2951.4	3000.5	3049.5	3042.7
60°	3113.9	3117.2	2943.3	2769.3	2813.1	2856.8	2994.2	3131.7	3188.2	3244.5	3229.4
62.5°	3043.9	3125.9	3033.1	2940.0	2979.7	3019.2	3153.9	3288.6	3346.4	3404.3	3378.1
65°	2905.6	2986.9	3028.5	3070.1	3083.2	3096.4	3222.1	3347.7	3392.1	3436.3	3423.0
67.5°	2729.6	2795.4	2948.9	3102.3	3075.9	3049.5	3108.4	3167.4	3213.0	3258.7	3251.1
70°	2525.9	2604.3	2809.0	3013.8	2884.1	2754.1	2729.8	2705.5	2754.8	2804.0	2773.5
72.5°	2160.6	2278.8	2497.2	2715.5	2476.4	2237.4	2154.3	2071.2	2133.7	2196.1	2147.7
75°	1631.9	1788.8	2030.1	2271.3	1986.1	1700.8	1590.0	1479.1	1532.8	1586.5	1553.3
77.5°	1134.9	1331.7	1569.3	1807.0	1517.1	1226.9	1144.6	1062.0	1078.1	1094.0	1088.4
80°	773.8	903.2	1069.0	1234.6	1041.6	848.5	855.0	861.3	853.7	846.1	857.2
82.5°	485.3	576.4	704.4	832.2	729.8	627.3	686.0	744.8	715.9	686.9	697.8
85°	273.3	328.9	454.2	579.2	539.8	500.3	534.8	569.0	524.3	479.5	499.3
87.5°	52.1	86.7	251.3	415.7	377.4	339.1	294.7	250.2	191.0	131.7	192.4
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: P385551
 CATALOG NUMBER: GWC-SA1A-760-U-SLL

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



REPORT NUMBER: P385551

CATALOG NUMBER: GWC-SA1A-760-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6
2.5°	1507.4	1504.5	1501.5	1490.8	1480.0	1463.9	1450.6	1427.5	1414.9	1395.9	1376.8
5°	1631.4	1612.5	1593.7	1561.1	1528.4	1492.0	1450.3	1403.9	1368.9	1323.5	1278.0
7.5°	1694.9	1650.8	1606.6	1544.2	1481.6	1425.2	1359.1	1297.6	1245.1	1186.0	1126.9
10°	1700.7	1634.6	1568.3	1487.2	1405.8	1337.5	1261.4	1193.0	1130.1	1062.2	994.2
12.5°	1673.7	1603.4	1533.0	1443.6	1354.1	1276.4	1194.6	1118.0	1048.2	973.5	898.7
15°	1616.7	1560.6	1504.3	1420.5	1336.8	1258.4	1179.0	1088.3	1009.4	933.0	856.4
17.5°	1540.3	1513.7	1487.0	1426.5	1365.8	1297.9	1221.0	1114.5	1022.2	939.1	856.0
20°	1466.3	1476.1	1485.8	1461.6	1437.5	1383.1	1315.9	1196.3	1078.5	969.9	861.1
22.5°	1403.6	1450.6	1497.5	1516.2	1534.7	1502.0	1449.6	1311.2	1155.2	1013.4	871.6
25°	1358.1	1436.1	1514.1	1576.3	1638.4	1623.9	1583.5	1450.8	1257.0	1076.2	895.2
27.5°	1346.7	1442.4	1538.0	1634.6	1730.9	1744.4	1733.2	1597.8	1378.4	1154.2	929.8
30°	1364.6	1461.4	1558.2	1675.7	1793.0	1846.7	1861.7	1720.4	1517.1	1245.1	973.0
32.5°	1397.8	1492.7	1587.7	1715.7	1843.5	1924.7	1972.6	1832.5	1613.8	1313.7	1013.4
35°	1451.5	1540.3	1629.2	1762.4	1895.7	2000.6	2088.0	1948.3	1699.6	1361.6	1023.4
37.5°	1545.6	1622.0	1698.4	1821.5	1944.5	2080.5	2211.8	2075.8	1792.5	1407.8	1022.9
40°	1687.7	1741.8	1795.6	1899.7	2003.6	2174.8	2352.1	2218.0	1895.1	1457.8	1020.4
42.5°	1864.9	1892.7	1920.3	2002.7	2085.1	2273.2	2479.4	2357.0	1993.1	1504.3	1015.5
45°	2048.7	2056.0	2063.4	2115.3	2167.1	2351.2	2566.1	2461.4	2078.6	1544.7	1010.6
47.5°	2238.6	2213.4	2188.2	2208.9	2229.5	2411.0	2628.0	2540.6	2164.4	1589.5	1014.3
50°	2445.5	2375.3	2305.2	2294.4	2283.5	2470.8	2701.0	2641.3	2267.6	1654.7	1041.7
52.5°	2655.7	2540.1	2424.5	2381.6	2338.6	2542.2	2797.7	2766.7	2414.9	1755.8	1096.5
55°	2848.4	2701.3	2554.2	2496.5	2438.8	2651.3	2915.7	2950.9	2603.6	1885.0	1166.3
57.5°	3035.7	2869.0	2702.4	2648.9	2595.3	2811.7	3065.2	3116.1	2794.2	2009.0	1223.6
60°	3214.4	3049.5	2884.4	2841.6	2798.6	3011.0	3226.8	3189.7	2892.5	2067.0	1241.4
62.5°	3351.9	3220.7	3089.5	3067.0	3044.3	3212.7	3351.0	3161.1	2830.0	2009.9	1189.7
65°	3409.7	3335.1	3260.2	3281.4	3302.4	3365.2	3381.9	3077.1	2633.8	1849.7	1065.5
67.5°	3243.4	3258.7	3273.9	3362.7	3451.4	3408.2	3290.0	2911.7	2354.5	1622.7	890.8
70°	2742.9	2834.2	2925.3	3135.5	3345.6	3249.7	3043.6	2614.8	2018.4	1361.2	703.9
72.5°	2099.0	2201.7	2304.2	2616.2	2928.0	2839.6	2587.1	2147.7	1618.3	1087.0	555.6
75°	1519.9	1635.8	1751.6	2095.7	2439.9	2317.3	1935.2	1537.7	1229.2	829.8	430.2
77.5°	1082.7	1160.3	1238.0	1577.9	1917.7	1718.0	1288.1	1034.7	850.8	576.7	302.5
80°	868.4	844.7	820.9	1010.3	1199.7	1166.4	852.0	664.5	588.8	386.5	184.1
82.5°	708.4	650.4	592.3	681.5	770.7	765.8	591.3	487.6	438.2	268.6	99.0
85°	518.9	495.6	472.3	551.2	630.1	562.8	400.5	309.9	341.7	197.8	53.9
87.5°	253.0	289.1	324.9	418.0	510.8	383.5	121.5	60.2	83.2	54.7	26.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385551
 CATALOG NUMBER: GWC-SA1A-760-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: P385551

CATALOG NUMBER: GWC-SA1A-760-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6
2.5°	1362.6	1348.3	1332.0	1315.8	1297.2	1278.5	1267.5	1256.3	1244.2	1232.2	1218.5
5°	1247.9	1217.8	1183.7	1149.6	1115.9	1082.1	1063.9	1045.8	1026.5	1007.1	990.3
7.5°	1083.2	1039.3	992.1	944.7	902.7	860.6	834.5	808.3	784.5	760.5	740.4
10°	938.2	882.3	834.9	787.3	755.6	724.0	700.0	676.1	653.0	629.7	607.5
12.5°	842.7	786.8	756.7	726.6	700.4	674.1	646.5	618.7	587.1	555.2	532.0
15°	805.5	754.6	721.2	687.6	652.5	617.1	583.2	549.3	511.9	474.4	448.0
17.5°	789.4	722.8	676.1	629.2	582.9	536.5	497.2	457.8	416.9	376.0	349.2
20°	772.4	683.8	621.2	558.4	498.9	439.5	394.9	350.3	313.7	277.2	256.7
22.5°	757.0	642.3	563.8	485.1	414.8	344.5	300.8	256.9	234.5	212.1	203.9
25°	750.7	606.1	509.6	413.1	338.9	264.6	233.5	202.3	193.8	185.0	180.8
27.5°	751.8	573.8	463.9	354.0	287.1	220.3	199.0	177.7	172.4	167.0	164.4
30°	755.8	538.6	420.9	303.2	248.1	193.1	179.2	165.3	159.7	154.1	150.7
32.5°	760.4	507.1	387.7	268.1	223.1	178.0	166.7	155.1	149.7	144.3	141.0
35°	752.5	481.4	365.0	248.5	207.1	165.4	155.8	146.0	140.1	134.1	131.0
37.5°	739.2	455.6	347.3	238.9	196.6	154.1	147.1	139.9	133.8	127.5	124.5
40°	727.1	433.7	334.2	234.5	190.8	146.9	141.0	135.0	128.7	122.2	118.7
42.5°	717.3	419.0	321.2	223.5	185.5	147.4	139.0	130.5	124.3	118.2	114.4
45°	710.0	409.4	311.1	212.8	180.6	148.5	137.8	127.1	121.0	114.7	110.2
47.5°	709.3	404.3	303.9	203.6	171.4	139.0	134.7	130.3	121.4	112.3	107.0
50°	718.9	396.1	295.5	194.8	162.5	130.1	136.1	141.8	126.6	111.2	104.6
52.5°	739.0	381.6	282.3	182.9	151.6	120.1	129.4	138.5	125.4	112.1	103.5
55°	763.3	360.2	262.1	163.9	137.3	110.5	118.7	126.8	118.6	110.2	99.9
57.5°	778.6	333.3	236.8	140.3	121.2	102.1	106.8	111.4	108.1	104.8	94.3
60°	769.5	297.5	208.3	118.9	107.0	95.1	94.3	93.2	98.1	103.0	90.9
62.5°	725.0	260.4	183.1	105.8	96.9	87.8	85.9	83.8	91.8	99.7	86.9
65°	650.0	234.5	167.2	99.9	89.9	79.9	77.8	75.7	78.2	80.6	74.7
67.5°	554.7	218.6	158.1	97.6	85.5	73.3	70.8	68.4	67.9	67.3	65.2
70°	456.4	208.8	152.1	95.5	80.8	65.9	63.7	61.4	60.7	59.8	58.2
72.5°	381.6	207.6	151.4	95.3	76.9	58.6	56.5	54.4	53.5	52.5	51.2
75°	312.5	194.8	143.7	92.7	71.7	50.5	48.6	46.7	46.0	45.1	44.1
77.5°	231.9	161.2	120.8	80.4	61.4	42.3	40.4	38.3	38.1	37.8	36.9
80°	150.4	116.6	86.4	56.1	44.8	33.2	31.7	29.9	30.1	30.3	29.6
82.5°	83.6	68.0	52.8	37.6	30.6	23.6	22.9	22.0	22.6	22.9	22.0
85°	44.1	34.3	28.3	22.4	17.7	12.9	12.9	12.8	13.5	14.2	13.5
87.5°	19.1	12.1	10.3	8.4	4.7	0.9	1.0	1.0	1.4	1.7	1.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385551
 CATALOG NUMBER: GWC-SA1A-760-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: P385551

CATALOG NUMBER: GWC-SA1A-760-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6
2.5°	1204.7	1192.0	1179.0	1164.9	1167.5	1156.6	1145.8	1139.0	1132.2	1130.1	1128.0
5°	973.5	959.0	944.3	931.2	942.6	934.9	927.2	926.1	924.9	924.9	924.7
7.5°	720.3	704.8	689.0	678.2	689.4	688.0	686.6	694.1	701.6	707.7	713.7
10°	585.3	566.4	547.4	531.3	528.5	520.4	512.2	514.0	515.5	522.2	528.8
12.5°	508.7	486.2	463.6	444.7	436.1	422.9	409.4	401.0	392.6	393.5	394.2
15°	421.5	399.6	377.6	361.3	355.9	345.6	335.2	324.7	314.1	309.7	305.2
17.5°	322.3	304.8	287.1	276.3	276.3	273.3	270.4	265.1	259.7	255.3	250.8
20°	236.3	227.0	217.5	213.0	214.4	214.6	214.6	217.2	219.8	218.4	217.0
22.5°	195.5	192.2	188.9	186.9	187.6	187.8	188.0	190.4	192.7	194.5	196.0
25°	176.5	174.4	172.3	171.6	173.1	173.3	173.3	174.9	176.5	178.2	179.9
27.5°	161.6	160.7	159.8	158.6	160.2	160.2	160.0	161.8	163.3	164.9	166.3
30°	147.4	147.8	147.9	147.6	148.6	149.3	149.9	151.1	152.1	153.4	154.6
32.5°	137.5	136.9	136.4	136.1	138.3	139.6	140.8	142.0	143.0	143.6	144.1
35°	127.8	126.6	125.4	124.5	126.6	128.2	129.8	132.0	134.1	134.5	134.8
37.5°	121.4	119.8	118.2	117.2	118.0	118.7	119.4	121.9	124.3	125.7	127.0
40°	115.2	113.7	112.1	111.2	111.7	111.9	112.1	113.3	114.4	117.0	119.4
42.5°	110.3	108.4	106.5	105.5	105.8	106.2	106.3	106.2	106.0	108.4	110.9
45°	105.5	103.4	101.3	100.0	100.2	100.2	100.2	99.9	99.3	100.6	101.8
47.5°	101.6	99.2	96.7	95.5	95.1	94.8	94.4	94.3	93.9	94.8	95.5
50°	97.8	95.1	92.3	90.9	90.1	89.7	89.4	89.2	88.8	89.7	90.4
52.5°	94.8	91.6	88.5	86.2	85.3	84.8	84.3	84.5	84.5	84.8	85.0
55°	89.5	86.7	83.8	82.2	80.6	80.3	79.9	80.4	80.8	80.8	80.8
57.5°	83.8	81.1	78.3	77.3	75.9	75.9	75.7	76.4	76.9	77.3	77.6
60°	78.7	75.7	72.7	71.9	71.3	71.2	71.0	71.9	72.6	73.3	74.0
62.5°	74.0	70.8	67.7	66.6	66.5	66.6	66.6	67.5	68.2	68.9	69.6
65°	68.7	65.6	62.3	61.2	61.6	62.1	62.6	63.3	63.8	64.5	65.2
67.5°	63.0	60.3	57.5	56.5	56.7	57.4	58.1	58.6	58.9	59.6	60.3
70°	56.7	54.4	52.1	51.4	51.2	52.1	52.8	53.2	53.5	54.4	55.1
72.5°	49.8	47.9	46.0	45.5	45.6	46.2	46.7	47.2	47.6	48.4	49.1
75°	42.8	41.1	39.3	39.0	39.3	39.9	40.4	40.7	41.1	42.1	43.0
77.5°	36.0	34.1	32.0	31.8	32.4	32.9	33.2	33.8	34.3	35.7	37.1
80°	28.9	26.8	24.5	24.3	24.8	25.4	25.9	26.4	26.9	28.7	30.3
82.5°	21.2	18.7	16.3	15.9	17.7	18.2	18.7	19.6	20.3	21.9	23.4
85°	12.8	10.3	7.9	7.7	9.3	10.1	11.0	12.1	12.9	14.3	15.7
87.5°	1.4	0.7	0.0	0.0	0.2	0.9	1.6	2.4	3.3	4.7	5.9
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: P385551
 CATALOG NUMBER: GWC-SA1A-760-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: P385551
 CATALOG NUMBER: GWC-SA1A-760-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6
2.5°	1120.3	1112.4	1120.4	1128.3	1131.6	1134.9	1126.4	1117.6	1131.3	1144.7	1148.2
5°	917.8	910.6	916.0	921.2	909.5	897.8	896.6	895.2	905.3	915.5	917.1
7.5°	711.4	709.1	714.2	719.3	704.4	689.4	682.0	674.7	677.1	679.6	679.2
10°	530.4	531.8	538.1	544.2	532.7	521.1	516.1	511.0	516.6	522.0	527.1
12.5°	397.3	400.3	406.9	413.4	408.7	403.8	404.3	404.8	411.3	417.6	423.2
15°	308.7	312.2	316.9	321.4	321.6	321.6	326.1	330.5	330.0	329.5	333.3
17.5°	255.5	260.0	260.6	261.1	261.3	261.4	261.1	260.7	258.1	255.5	258.5
20°	218.8	220.3	221.7	223.0	221.4	219.6	215.3	210.9	209.2	207.4	210.2
22.5°	199.0	201.8	200.4	198.8	195.7	192.4	189.0	185.5	185.4	185.0	186.6
25°	182.4	184.7	182.2	179.8	177.5	175.2	173.0	170.7	170.5	170.3	171.0
27.5°	168.6	170.7	168.4	166.1	164.2	162.3	160.5	158.8	158.4	158.1	158.3
30°	156.7	158.6	156.7	154.6	153.2	151.6	150.4	149.2	149.0	148.8	148.8
32.5°	146.0	147.9	146.5	145.1	143.9	142.7	141.8	141.0	140.1	139.2	137.3
35°	136.8	138.7	137.8	136.8	135.4	134.0	132.4	130.6	128.4	125.9	124.9
37.5°	128.9	130.8	129.9	129.1	127.1	125.2	122.4	119.4	118.7	117.9	117.7
40°	122.6	125.6	123.8	121.9	118.9	115.9	114.5	113.1	112.8	112.4	112.1
42.5°	115.6	120.1	117.0	113.8	111.0	108.2	107.9	107.5	107.4	107.2	107.2
45°	106.8	111.7	108.6	105.3	103.7	102.1	102.1	102.1	102.3	102.3	102.7
47.5°	98.6	101.6	100.0	98.5	97.6	96.7	96.9	97.1	97.6	97.9	98.8
50°	91.6	92.7	93.0	93.2	92.7	92.2	92.5	92.7	93.2	93.6	94.3
52.5°	86.6	88.1	88.1	88.0	88.0	88.0	88.3	88.7	89.2	89.7	90.4
55°	83.2	85.5	84.8	84.1	84.3	84.3	84.6	85.0	85.5	85.9	86.9
57.5°	80.1	82.5	81.8	81.1	81.1	81.1	81.3	81.5	82.0	82.4	83.1
60°	76.4	78.9	78.2	77.3	77.5	77.6	77.8	77.8	78.2	78.3	78.3
62.5°	72.0	74.5	73.8	72.9	73.4	73.8	73.8	73.8	74.1	74.3	73.8
65°	67.5	69.8	69.1	68.4	69.1	69.6	70.0	70.1	70.0	69.8	69.3
67.5°	62.6	64.9	64.2	63.3	64.2	64.9	65.6	66.1	65.6	65.1	64.4
70°	57.4	59.6	58.8	57.9	58.8	59.6	60.3	61.0	60.3	59.6	59.5
72.5°	51.8	54.4	53.3	52.3	53.3	54.4	54.7	55.1	54.6	54.0	53.7
75°	45.6	48.3	47.4	46.3	47.2	48.1	48.3	48.4	48.4	48.3	47.2
77.5°	39.2	41.3	40.7	40.2	40.7	41.3	41.3	41.3	41.4	41.4	40.0
80°	31.5	32.7	32.9	33.1	33.2	33.4	33.2	33.1	32.7	32.4	31.5
82.5°	23.4	23.4	24.8	26.1	26.1	25.9	25.7	25.4	24.7	23.8	21.9
85°	14.9	14.0	16.3	18.4	18.4	18.2	17.8	17.3	15.9	14.3	12.8
87.5°	5.1	4.2	6.5	8.7	8.9	8.9	8.6	8.2	6.8	5.2	4.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385551
 CATALOG NUMBER: GWC-SA1A-760-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: P385551

CATALOG NUMBER: GWC-SA1A-760-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6
2.5°	1153.5	1155.8	1157.9	1175.0	1192.0	1211.9	1231.8	1247.0	1262.1	1277.6	1293.2
5°	922.5	925.3	928.1	948.9	969.5	997.3	1025.1	1049.1	1073.0	1101.2	1129.4
7.5°	683.8	689.9	695.8	718.0	740.1	770.0	799.7	831.0	862.1	898.9	935.6
10°	537.0	548.6	560.0	582.7	605.4	635.0	664.4	697.1	729.8	766.0	802.0
12.5°	434.7	450.1	465.3	492.6	519.9	555.2	590.4	626.8	663.0	694.8	726.6
15°	343.5	360.2	376.9	405.7	434.6	473.4	512.0	551.7	591.3	629.4	667.5
17.5°	267.9	281.7	295.4	319.8	344.2	381.8	419.4	461.0	502.6	549.1	595.5
20°	216.1	221.9	227.7	245.4	262.8	293.4	323.9	366.4	408.9	464.5	520.1
22.5°	189.4	192.4	195.2	203.7	212.1	231.9	251.5	289.1	326.5	387.2	447.7
25°	173.3	175.6	177.8	183.4	189.0	198.5	207.9	234.3	260.7	320.4	379.8
27.5°	158.8	162.3	165.6	168.2	170.7	177.1	183.4	200.8	218.1	273.7	329.1
30°	148.3	149.5	150.7	154.8	158.6	165.3	171.9	184.0	196.0	243.1	289.9
32.5°	136.1	137.8	139.6	143.7	147.9	154.1	160.2	170.0	179.6	219.8	259.9
35°	125.0	126.8	128.5	132.7	136.8	143.4	149.9	158.1	166.1	201.1	236.1
37.5°	118.2	120.0	121.7	125.4	128.9	135.5	142.0	148.5	154.8	187.1	219.5
40°	112.4	114.2	115.9	119.4	122.8	129.2	135.5	141.0	146.4	176.6	206.9
42.5°	107.4	109.3	111.2	114.7	118.0	123.8	129.6	136.8	143.7	167.5	191.1
45°	103.2	105.1	106.8	110.7	114.5	120.1	125.7	135.7	145.7	162.8	179.9
47.5°	99.3	101.4	103.4	107.5	111.7	118.7	125.6	134.0	142.2	159.1	176.1
50°	95.7	98.1	100.6	105.6	110.5	122.2	133.8	135.0	136.1	156.2	176.1
52.5°	92.2	95.0	97.8	104.1	110.2	123.8	137.5	133.1	128.5	150.6	172.6
55°	88.7	91.1	93.4	101.1	108.8	118.7	128.7	122.9	117.0	140.1	163.2
57.5°	83.9	86.6	89.0	97.2	105.5	112.4	119.3	114.0	108.6	128.2	147.6
60°	79.0	82.0	85.0	95.5	105.8	104.6	103.2	102.1	100.9	114.9	128.9
62.5°	74.7	77.8	81.0	94.6	108.2	99.9	91.5	92.3	93.0	103.4	113.7
65°	70.3	73.4	76.4	83.2	90.1	86.7	83.4	84.8	86.0	96.2	106.3
67.5°	65.4	68.2	70.8	73.1	75.4	75.7	76.1	77.5	78.9	90.9	102.8
70°	60.0	62.3	64.5	66.1	67.5	68.2	68.7	70.5	72.2	85.3	98.5
72.5°	53.9	55.8	57.5	58.9	60.3	60.9	61.2	63.0	64.7	78.7	92.7
75°	47.2	48.8	50.2	51.4	52.6	53.3	54.0	55.3	56.5	71.7	86.7
77.5°	39.9	41.4	42.8	43.9	44.8	45.5	46.0	47.6	49.1	61.9	74.5
80°	31.1	33.1	34.8	35.7	36.4	36.5	36.5	37.9	39.3	48.4	57.4
82.5°	22.0	24.1	26.1	26.8	27.5	27.5	27.5	29.0	30.6	36.7	42.7
85°	12.9	15.2	17.3	18.0	18.7	19.1	19.2	19.9	20.5	24.8	29.0
87.5°	4.0	5.9	7.7	8.0	8.4	9.1	9.8	10.0	10.0	12.9	15.9
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: P385551
 CATALOG NUMBER: GWC-SA1A-760-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: P385551
 CATALOG NUMBER: GWC-SA1A-760-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6
2.5°	1311.0	1328.9	1349.7	1370.3	1388.0	1405.7	1420.3
5°	1165.2	1201.1	1244.9	1288.7	1327.7	1366.7	1412.0
7.5°	981.9	1028.3	1085.1	1141.9	1197.0	1251.9	1321.5
10°	849.2	896.2	956.4	1016.4	1078.3	1140.0	1218.7
12.5°	764.9	803.0	861.3	919.5	992.2	1064.8	1140.5
15°	709.3	750.9	807.6	864.2	943.8	1023.4	1110.5
17.5°	650.0	704.4	777.0	849.6	943.8	1037.9	1140.5
20°	587.9	655.6	749.7	843.8	970.7	1097.5	1228.5
22.5°	526.0	604.4	725.0	845.5	1011.5	1177.3	1354.1
25°	470.2	560.7	710.0	859.2	1070.8	1282.2	1501.5
27.5°	427.9	526.6	703.9	881.0	1146.0	1410.9	1661.9
30°	390.3	490.7	696.5	902.4	1218.4	1534.2	1787.2
32.5°	357.8	455.7	682.4	908.8	1268.9	1629.0	1893.4
35°	332.3	428.4	658.6	888.7	1300.6	1712.4	2003.9
37.5°	310.2	401.0	631.5	862.0	1328.7	1795.5	2128.2
40°	289.2	371.6	608.2	844.7	1367.5	1890.4	2259.6
42.5°	269.3	347.5	589.5	831.5	1403.6	1975.4	2374.5
45°	254.4	328.9	572.9	816.7	1426.8	2037.0	2461.0
47.5°	247.1	317.9	564.0	809.9	1450.1	2090.1	2532.9
50°	246.1	316.0	574.1	832.2	1500.4	2168.5	2615.1
52.5°	245.9	319.1	603.3	887.5	1594.0	2300.3	2704.1
55°	242.2	321.1	638.1	955.0	1719.6	2483.9	2864.1
57.5°	231.0	314.4	674.0	1033.3	1852.3	2671.1	3044.4
60°	213.7	298.3	703.5	1108.5	1941.5	2774.2	3113.9
62.5°	192.0	270.2	713.3	1156.3	1939.0	2721.8	3043.9
65°	173.5	240.6	681.1	1121.5	1840.9	2560.2	2905.6
67.5°	157.0	211.1	600.7	990.2	1664.5	2338.6	2729.6
70°	145.1	191.7	497.0	802.3	1443.6	2084.7	2525.9
72.5°	137.6	182.4	405.2	627.8	1171.5	1715.0	2160.6
75°	127.3	167.9	317.9	467.8	896.6	1325.4	1631.9
77.5°	108.1	141.5	239.6	337.7	657.9	977.9	1134.9
80°	83.4	109.3	164.7	220.2	452.8	685.3	773.8
82.5°	59.5	76.2	99.9	123.5	300.8	477.9	485.3
85°	36.7	44.4	57.2	70.0	199.0	328.1	273.3
87.5°	19.8	23.6	30.3	36.7	63.7	90.6	52.1
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: P385551
 CATALOG NUMBER: GWC-SA1A-760-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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





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

Scaled Data Report





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

Scaled Data Report





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

Scaled Data Report





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

Scaled Data Report





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

Scaled Data Report





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





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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