

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: P385859

Luminaire Tested: **GWC-SA1C-722-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P385859
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-SA1C-722-U-SLL
Description: GALLEON WALL LUMINAIRE
(1) 70 CRI, 2200K, 1050mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4881 lumens
Efficiency: N/A
Efficacy: 84.2 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

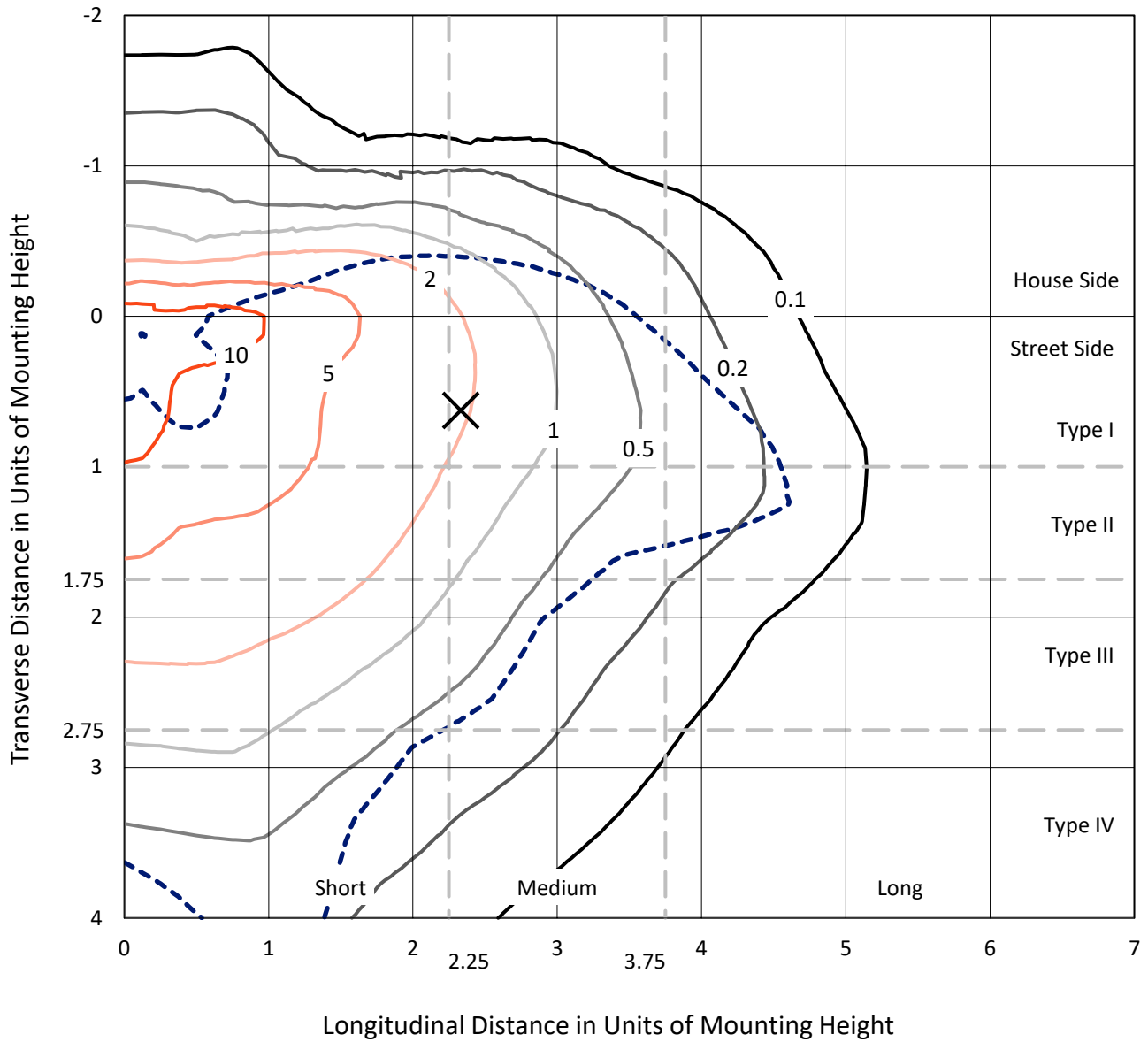
Input Watts (W): 58
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

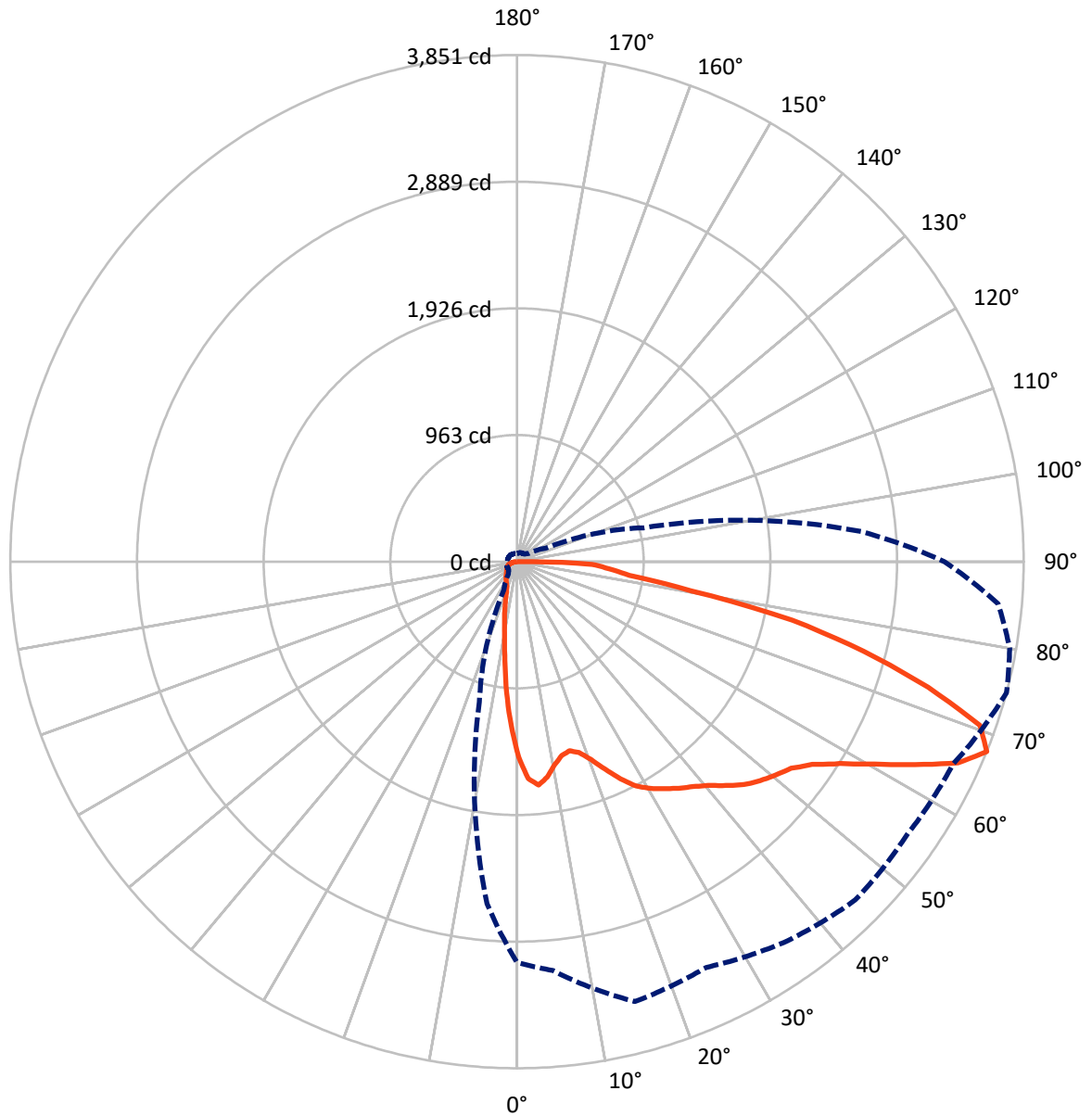
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 18.7 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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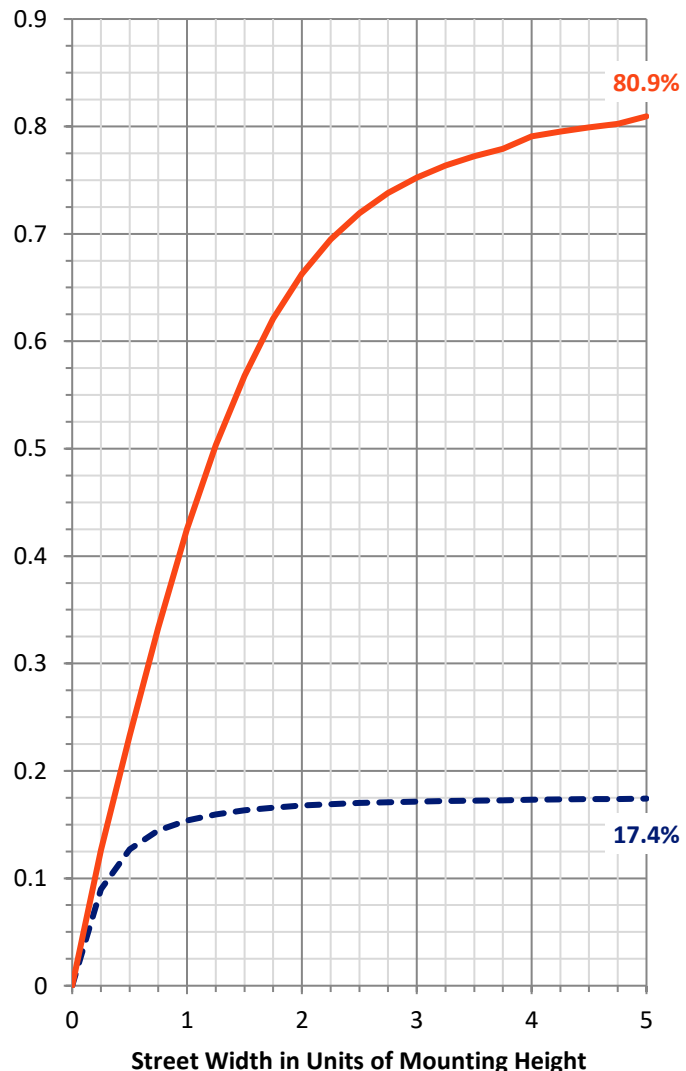
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	859.7	0.0	859.7
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	4021.3	0.0	4021.3
	% Fixture	82.4	0.0	82.4
Total	Lumens	4881.0	0.0	4881.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.8	2.4
10°-20°	238.4	4.9
20°-30°	339.1	6.9
30°-40°	488.6	10.0
40°-50°	688.6	14.1
50°-60°	957.2	19.6
60°-70°	1157.6	23.7
70°-80°	711.6	14.6
80°-90°	185.2	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	4881.0	100.0
0°-180°	4881.0	100.0

Coefficient of Utilization



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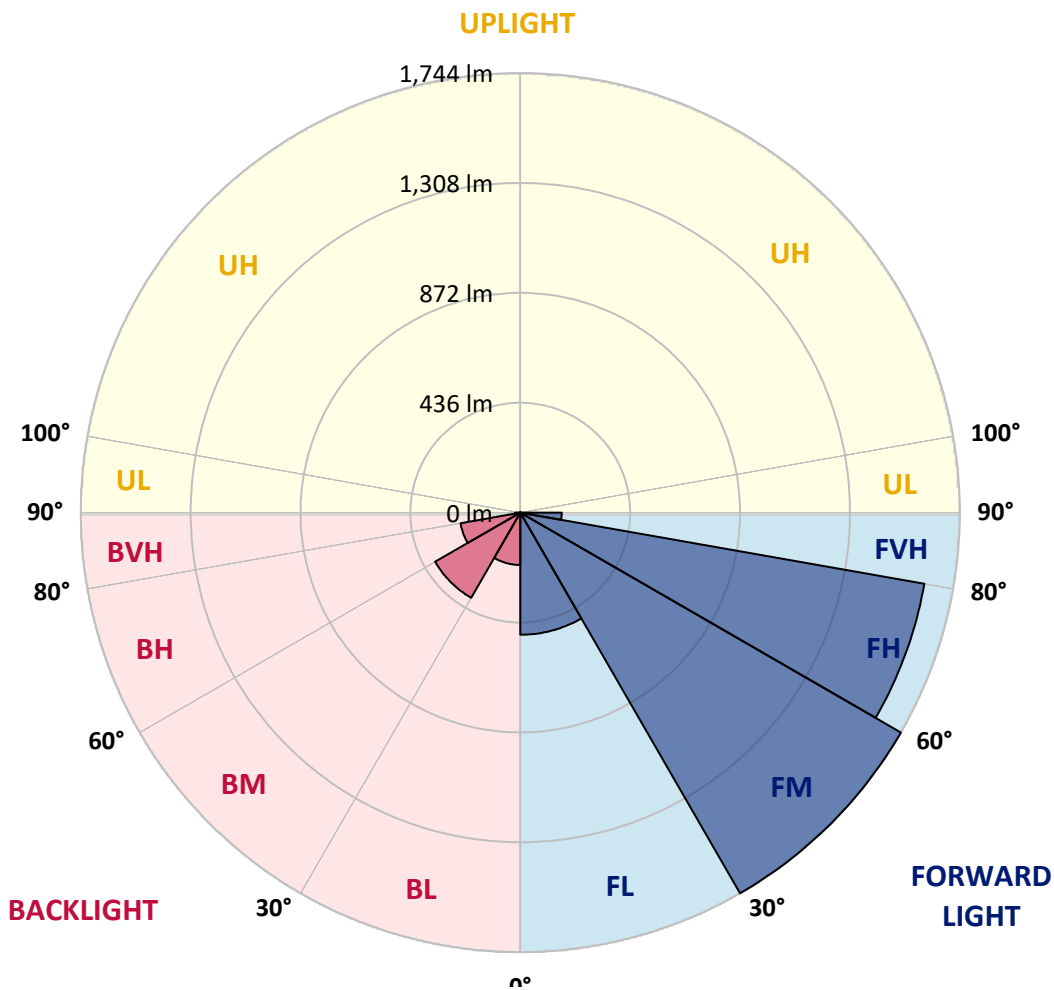
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	484.6	9.9			
FM (30°-60°)	1744.2	35.7			
FH (60°-80°)	1628.1	33.4			G1/1800
FVH (80°-90°)	164.4	3.4			G2/225
BL (0°-30°)	207.6	4.3	B1/500		
BM (30°-60°)	390.2	8.0	B1/1000		
BH (60°-80°)	241.0	4.9	B1/500		G1/500
BVH (80°-90°)	20.8	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°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1585.0	1605.9	1620.3	1634.6	1645.7	1656.6	1672.6	1688.6	1691.7	1694.7	1688.4
5°	1575.6	1626.5	1669.9	1713.0	1753.0	1793.0	1817.0	1841.0	1845.9	1850.8	1835.7
7.5°	1474.7	1549.9	1625.0	1700.1	1769.0	1837.9	1879.9	1921.6	1931.2	1940.5	1916.0
10°	1360.0	1447.4	1539.7	1632.0	1722.8	1813.5	1874.2	1934.9	1947.0	1959.1	1928.4
12.5°	1272.7	1368.2	1466.7	1565.3	1661.1	1756.7	1819.5	1882.4	1897.4	1912.4	1890.2
15°	1239.2	1343.8	1436.5	1529.2	1612.7	1696.0	1747.5	1798.9	1805.1	1811.2	1807.6
17.5°	1272.7	1388.1	1472.0	1555.7	1601.2	1646.5	1667.1	1687.6	1694.5	1701.1	1710.1
20°	1370.9	1495.4	1554.5	1613.5	1611.5	1609.4	1599.4	1589.3	1587.5	1585.8	1611.1
22.5°	1511.0	1655.6	1679.2	1702.7	1647.8	1593.0	1559.6	1526.0	1519.4	1512.6	1539.5
25°	1675.5	1829.5	1825.2	1820.7	1716.3	1611.7	1548.1	1484.5	1477.1	1469.7	1492.7
27.5°	1854.5	2001.6	1973.5	1945.4	1803.5	1661.7	1569.4	1477.1	1469.7	1462.2	1482.5
30°	1994.4	2127.9	2082.8	2037.7	1877.1	1716.5	1606.8	1497.2	1485.1	1472.8	1497.8
32.5°	2112.9	2226.4	2165.9	2105.4	1936.8	1768.2	1649.6	1530.9	1512.0	1493.1	1526.4
35°	2236.2	2324.8	2239.7	2154.4	1990.1	1825.6	1700.1	1574.4	1551.2	1528.0	1573.9
37.5°	2374.9	2448.5	2326.3	2204.0	2050.0	1896.0	1775.8	1655.4	1631.6	1607.8	1666.4
40°	2521.5	2582.8	2419.8	2256.9	2115.6	1974.3	1880.6	1786.8	1764.1	1741.3	1812.3
42.5°	2649.7	2694.4	2506.9	2319.3	2194.6	2069.7	2003.8	1937.6	1937.4	1937.0	2009.0
45°	2746.3	2785.1	2579.5	2373.6	2271.7	2169.6	2135.3	2101.0	2128.5	2156.0	2221.2
47.5°	2826.5	2852.9	2640.3	2427.6	2359.9	2292.2	2297.3	2302.3	2358.4	2414.4	2456.3
50°	2918.2	2897.0	2695.6	2494.0	2473.1	2452.2	2497.9	2543.3	2607.7	2672.0	2700.4
52.5°	3017.6	2961.2	2770.5	2579.6	2603.1	2626.5	2719.4	2812.3	2877.2	2942.2	2953.0
55°	3196.1	3109.7	2908.3	2706.7	2751.8	2796.7	2933.1	3069.3	3120.0	3170.7	3174.7
57.5°	3397.3	3320.6	3101.3	2881.9	2930.3	2978.7	3136.2	3293.5	3348.3	3403.0	3395.4
60°	3474.8	3478.5	3284.5	3090.3	3139.1	3187.9	3341.3	3494.7	3557.7	3620.6	3603.8
62.5°	3396.7	3488.3	3384.6	3280.8	3325.1	3369.2	3519.5	3669.7	3734.3	3798.9	3769.7
65°	3242.4	3333.1	3379.6	3426.0	3440.6	3455.3	3595.6	3735.7	3785.3	3834.6	3819.8
67.5°	3046.0	3119.4	3290.8	3461.9	3432.4	3403.0	3468.7	3534.5	3585.4	3636.4	3628.0
70°	2818.7	2906.1	3134.6	3363.2	3218.4	3073.4	3046.2	3019.1	3074.1	3129.0	3095.0
72.5°	2411.0	2543.0	2786.7	3030.2	2763.5	2496.7	2404.0	2311.3	2381.0	2450.7	2396.6
75°	1821.1	1996.2	2265.5	2534.6	2216.3	1898.0	1774.3	1650.6	1710.5	1770.4	1733.3
77.5°	1266.5	1486.0	1751.2	2016.5	1692.9	1369.2	1277.2	1185.1	1203.1	1220.8	1214.6
80°	863.5	1007.9	1192.9	1377.7	1162.3	946.9	954.1	961.1	952.7	944.1	956.6
82.5°	541.5	643.2	786.1	928.7	814.3	700.0	765.6	831.1	798.9	766.5	778.6
85°	305.0	367.1	506.8	646.3	602.4	558.3	596.8	635.0	585.1	535.1	557.1
87.5°	58.2	96.8	280.4	463.9	421.1	378.4	328.8	279.3	213.1	146.9	214.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1682.2	1678.8	1675.5	1663.6	1651.5	1633.6	1618.7	1593.0	1578.9	1557.7	1536.4
5°	1820.5	1799.4	1778.4	1742.1	1705.6	1665.0	1618.4	1566.6	1527.6	1476.9	1426.1
7.5°	1891.4	1842.2	1792.8	1723.1	1653.3	1590.4	1516.7	1448.0	1389.4	1323.5	1257.5
10°	1897.8	1824.0	1750.1	1659.5	1568.8	1492.5	1407.6	1331.3	1261.0	1185.3	1109.4
12.5°	1867.8	1789.3	1710.7	1610.9	1511.0	1424.4	1333.0	1247.6	1169.7	1086.4	1002.9
15°	1804.1	1741.5	1678.7	1585.2	1491.7	1404.3	1315.7	1214.4	1126.4	1041.1	955.6
17.5°	1718.9	1689.2	1659.3	1591.8	1524.1	1448.4	1362.5	1243.7	1140.6	1047.9	955.2
20°	1636.3	1647.2	1658.0	1631.0	1604.1	1543.4	1468.5	1335.0	1203.5	1082.3	960.9
22.5°	1566.2	1618.7	1671.0	1691.9	1712.6	1676.1	1617.6	1463.2	1289.1	1130.9	972.6
25°	1515.5	1602.5	1689.6	1759.1	1828.3	1812.1	1767.1	1618.9	1402.7	1200.9	999.0
27.5°	1502.8	1609.6	1716.3	1824.0	1931.6	1946.6	1934.1	1783.1	1538.1	1288.0	1037.6
30°	1522.7	1630.8	1738.8	1869.9	2000.8	2060.8	2077.5	1919.9	1692.9	1389.4	1085.8
32.5°	1559.8	1665.8	1771.7	1914.6	2057.2	2147.8	2201.3	2044.9	1800.8	1465.9	1130.9
35°	1619.7	1718.9	1818.0	1966.7	2115.4	2232.5	2330.1	2174.1	1896.6	1519.4	1142.0
37.5°	1724.7	1810.0	1895.3	2032.7	2169.8	2321.7	2468.2	2316.4	2000.3	1570.9	1141.4
40°	1883.4	1943.7	2003.8	2119.9	2235.8	2426.8	2624.7	2475.0	2114.8	1626.7	1138.7
42.5°	2081.0	2112.1	2142.9	2234.8	2326.7	2536.7	2766.8	2630.2	2224.1	1678.7	1133.2
45°	2286.1	2294.3	2302.5	2360.5	2418.3	2623.8	2863.6	2746.7	2319.5	1723.7	1127.8
47.5°	2498.1	2470.0	2441.9	2464.9	2487.9	2690.5	2932.7	2835.1	2415.3	1773.7	1131.9
50°	2728.9	2650.7	2572.4	2560.3	2548.2	2757.2	3014.0	2947.5	2530.5	1846.5	1162.5
52.5°	2963.5	2834.5	2705.5	2657.7	2609.7	2836.9	3122.0	3087.4	2694.8	1959.3	1223.6
55°	3178.6	3014.4	2850.3	2785.9	2721.5	2958.6	3253.7	3292.9	2905.3	2103.5	1301.4
57.5°	3387.6	3201.6	3015.6	2955.9	2896.2	3137.6	3420.5	3477.3	3118.1	2241.8	1365.4
60°	3587.0	3403.0	3218.8	3170.9	3122.9	3360.0	3600.9	3559.5	3227.7	2306.6	1385.3
62.5°	3740.4	3594.0	3447.7	3422.5	3397.1	3585.0	3739.4	3527.5	3158.1	2242.8	1327.6
65°	3805.0	3721.6	3638.1	3661.7	3685.2	3755.2	3773.9	3433.8	2939.1	2064.1	1189.0
67.5°	3619.4	3636.4	3653.3	3752.5	3851.4	3803.2	3671.3	3249.2	2627.5	1810.8	994.1
70°	3060.9	3162.7	3264.4	3499.0	3733.4	3626.4	3396.3	2917.8	2252.4	1519.0	785.5
72.5°	2342.3	2456.9	2571.3	2919.4	3267.3	3168.8	2887.0	2396.6	1805.9	1213.0	620.0
75°	1696.0	1825.4	1954.6	2338.6	2722.7	2585.9	2159.5	1715.9	1371.7	926.0	480.1
77.5°	1208.2	1294.8	1381.4	1760.8	2140.0	1917.1	1437.5	1154.7	949.4	643.6	337.6
80°	969.1	942.6	916.0	1127.4	1338.7	1301.6	950.8	741.6	657.1	431.3	205.5
82.5°	790.5	725.8	661.0	760.5	860.0	854.5	659.8	544.1	489.0	299.7	110.5
85°	579.0	553.0	527.1	615.1	703.1	628.0	446.9	345.8	381.3	220.7	60.1
87.5°	282.4	322.6	362.6	466.4	570.0	428.0	135.6	67.1	92.9	61.1	29.1
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: P385859
 CATALOG NUMBER: GWC-SA1C-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: P385859

CATALOG NUMBER: GWC-SA1C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1520.6	1504.6	1486.4	1468.3	1447.6	1426.7	1414.4	1401.9	1388.5	1375.0	1359.8
5°	1392.6	1359.0	1320.9	1282.9	1245.2	1207.6	1187.3	1167.0	1145.5	1123.9	1105.1
7.5°	1208.7	1159.8	1107.1	1054.2	1007.3	960.3	931.2	902.0	875.4	848.7	826.3
10°	1047.0	984.5	931.6	878.6	843.2	807.9	781.2	754.4	728.7	702.7	677.9
12.5°	940.4	878.0	844.4	810.8	781.6	752.3	721.5	690.4	655.1	619.6	593.6
15°	898.8	842.1	804.8	767.3	728.1	688.7	650.8	613.0	571.2	529.4	500.0
17.5°	880.9	806.5	754.4	702.1	650.4	598.7	554.8	510.9	465.2	419.6	389.7
20°	862.0	763.0	693.2	623.1	556.8	490.4	440.6	390.9	350.1	309.3	286.5
22.5°	844.8	716.8	629.2	541.3	462.9	384.4	335.7	286.7	261.7	236.7	227.5
25°	837.8	676.4	568.7	460.9	378.2	295.3	260.5	225.8	216.2	206.5	201.8
27.5°	838.9	640.3	517.7	395.0	320.4	245.9	222.1	198.3	192.4	186.4	183.4
30°	843.4	601.1	469.7	338.4	276.9	215.4	200.0	184.4	178.2	171.9	168.2
32.5°	848.5	565.9	432.6	299.2	249.0	198.7	186.0	173.1	167.0	161.0	157.3
35°	839.7	537.2	407.3	277.3	231.1	184.6	173.9	162.9	156.3	149.7	146.2
37.5°	824.9	508.4	387.6	266.6	219.3	171.9	164.1	156.1	149.3	142.3	138.9
40°	811.4	484.0	372.9	261.7	212.9	163.9	157.3	150.7	143.6	136.4	132.5
42.5°	800.5	467.6	358.5	249.4	207.1	164.5	155.1	145.6	138.7	131.9	127.6
45°	792.3	456.8	347.2	237.5	201.6	165.7	153.8	141.9	135.0	128.0	122.9
47.5°	791.5	451.2	339.2	227.2	191.2	155.1	150.3	145.4	135.4	125.3	119.4
50°	802.2	442.0	329.8	217.4	181.3	145.2	151.8	158.3	141.3	124.1	116.7
52.5°	824.7	425.8	315.0	204.1	169.2	134.1	144.4	154.6	139.9	125.1	115.5
55°	851.8	402.0	292.5	182.9	153.2	123.3	132.5	141.5	132.3	122.9	111.4
57.5°	868.8	372.0	264.2	156.5	135.2	114.0	119.2	124.3	120.6	116.9	105.2
60°	858.6	331.9	232.4	132.7	119.4	106.2	105.2	104.0	109.5	114.9	101.5
62.5°	809.1	290.6	204.3	118.1	108.1	98.0	95.8	93.5	102.5	111.2	97.0
65°	725.4	261.7	186.6	111.4	100.3	89.2	86.8	84.5	87.2	90.0	83.3
67.5°	619.0	243.9	176.4	108.9	95.4	81.8	79.0	76.3	75.7	75.1	72.8
70°	509.3	233.0	169.8	106.6	90.2	73.6	71.0	68.5	67.7	66.7	65.0
72.5°	425.8	231.6	169.0	106.4	85.9	65.4	63.0	60.7	59.7	58.5	57.2
75°	348.7	217.4	160.4	103.4	80.0	56.4	54.3	52.1	51.3	50.3	49.2
77.5°	258.8	179.9	134.8	89.8	68.5	47.2	45.1	42.7	42.5	42.2	41.2
80°	167.8	130.2	96.4	62.6	50.0	37.1	35.3	33.4	33.6	33.8	33.0
82.5°	93.3	75.9	58.9	42.0	34.2	26.3	25.6	24.6	25.2	25.6	24.6
85°	49.2	38.2	31.6	25.0	19.7	14.4	14.4	14.2	15.0	15.8	15.0
87.5°	21.3	13.5	11.5	9.4	5.3	1.0	1.2	1.2	1.6	2.0	1.8
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: P385859
 CATALOG NUMBER: GWC-SA1C-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: P385859
 CATALOG NUMBER: GWC-SA1C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1344.4	1330.1	1315.7	1299.9	1302.8	1290.7	1278.6	1271.0	1263.4	1261.0	1258.7
5°	1086.4	1070.2	1053.8	1039.2	1051.8	1043.3	1034.7	1033.5	1032.1	1032.1	1031.9
7.5°	803.8	786.4	768.9	756.8	769.3	767.7	766.1	774.5	782.9	789.8	796.4
10°	653.2	632.1	610.8	592.9	589.7	580.8	571.6	573.5	575.3	582.7	590.1
12.5°	567.7	542.5	517.3	496.3	486.7	471.9	456.8	447.5	438.1	439.1	439.9
15°	470.3	445.9	421.3	403.2	397.1	385.6	374.1	362.4	350.5	345.6	340.5
17.5°	359.7	340.1	320.4	308.3	308.3	305.0	301.7	295.8	289.8	284.9	279.8
20°	263.6	253.3	242.8	237.7	239.3	239.4	239.4	242.4	245.3	243.7	242.2
22.5°	218.2	214.5	210.8	208.6	209.4	209.6	209.8	212.5	215.1	217.0	218.8
25°	196.9	194.6	192.2	191.4	193.2	193.4	193.4	195.1	196.9	198.9	200.8
27.5°	180.3	179.3	178.4	177.0	178.8	178.8	178.6	180.5	182.3	184.0	185.6
30°	164.5	164.9	165.1	164.7	165.9	166.7	167.2	168.6	169.8	171.1	172.5
32.5°	153.4	152.8	152.2	151.8	154.4	155.7	157.1	158.5	159.6	160.2	160.8
35°	142.7	141.3	139.9	138.9	141.3	143.0	144.8	147.3	149.7	150.1	150.5
37.5°	135.4	133.7	131.9	130.7	131.7	132.5	133.3	136.0	138.7	140.3	141.7
40°	128.6	126.8	125.1	124.1	124.7	124.9	125.1	126.5	127.6	130.6	133.3
42.5°	123.1	121.0	118.8	117.7	118.1	118.5	118.6	118.5	118.3	121.0	123.7
45°	117.7	115.3	113.0	111.6	111.8	111.8	111.8	111.4	110.8	112.2	113.6
47.5°	113.4	110.6	107.9	106.6	106.2	105.8	105.4	105.2	104.8	105.8	106.6
50°	109.1	106.2	103.0	101.5	100.5	100.1	99.7	99.5	99.1	100.1	100.9
52.5°	105.8	102.3	98.7	96.2	95.2	94.6	94.1	94.3	94.3	94.6	94.8
55°	99.9	96.8	93.5	91.7	90.0	89.6	89.2	89.8	90.2	90.2	90.2
57.5°	93.5	90.5	87.4	86.3	84.7	84.7	84.5	85.3	85.9	86.3	86.6
60°	87.8	84.5	81.2	80.2	79.6	79.4	79.2	80.2	81.0	81.8	82.5
62.5°	82.5	79.0	75.5	74.4	74.2	74.4	74.4	75.3	76.1	76.9	77.7
65°	76.7	73.2	69.5	68.3	68.7	69.3	69.9	70.6	71.2	72.0	72.8
67.5°	70.3	67.3	64.2	63.0	63.2	64.0	64.8	65.4	65.8	66.5	67.3
70°	63.2	60.7	58.2	57.4	57.2	58.2	58.9	59.3	59.7	60.7	61.5
72.5°	55.6	53.5	51.3	50.7	50.9	51.5	52.1	52.7	53.1	54.1	54.8
75°	47.8	45.9	43.9	43.5	43.9	44.5	45.1	45.5	45.9	47.0	48.0
77.5°	40.2	38.1	35.7	35.5	36.1	36.7	37.1	37.7	38.2	39.8	41.4
80°	32.2	29.9	27.3	27.1	27.7	28.3	28.9	29.5	30.1	32.0	33.8
82.5°	23.6	20.9	18.1	17.8	19.7	20.3	20.9	21.9	22.6	24.4	26.1
85°	14.2	11.5	8.8	8.6	10.3	11.3	12.3	13.5	14.4	16.0	17.6
87.5°	1.6	0.8	0.0	0.0	0.2	1.0	1.8	2.7	3.7	5.3	6.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385859
 CATALOG NUMBER: GWC-SA1C-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: P385859
 CATALOG NUMBER: GWC-SA1C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1250.1	1241.3	1250.3	1259.1	1262.8	1266.5	1256.9	1247.2	1262.4	1277.4	1281.3
5°	1024.1	1016.1	1022.2	1028.0	1015.0	1001.9	1000.5	999.0	1010.3	1021.6	1023.4
7.5°	793.9	791.3	797.0	802.6	786.1	769.3	761.1	752.9	755.6	758.3	758.0
10°	591.9	593.4	600.5	607.3	594.4	581.5	575.9	570.2	576.5	582.5	588.2
12.5°	443.4	446.7	454.1	461.3	456.1	450.6	451.2	451.8	459.0	466.0	472.3
15°	344.4	348.3	353.6	358.7	358.9	358.9	363.9	368.8	368.2	367.7	372.0
17.5°	285.1	290.2	290.8	291.4	291.5	291.7	291.4	291.0	288.0	285.1	288.4
20°	244.1	245.9	247.4	248.8	247.1	245.1	240.2	235.3	233.4	231.4	234.6
22.5°	222.1	225.2	223.6	221.9	218.4	214.7	211.0	207.1	206.9	206.5	208.2
25°	203.5	206.1	203.3	200.6	198.1	195.5	193.0	190.5	190.3	190.1	190.9
27.5°	188.1	190.5	187.9	185.4	183.2	181.1	179.1	177.2	176.8	176.4	176.6
30°	174.9	177.0	174.9	172.5	170.9	169.2	167.8	166.5	166.3	166.1	166.1
32.5°	162.9	165.1	163.5	162.0	160.6	159.2	158.3	157.3	156.3	155.3	153.2
35°	152.6	154.8	153.8	152.6	151.0	149.5	147.7	145.8	143.2	140.5	139.3
37.5°	143.8	146.0	145.0	144.0	141.9	139.7	136.6	133.3	132.5	131.5	131.3
40°	136.8	140.1	138.2	136.0	132.7	129.4	127.8	126.3	125.9	125.5	125.1
42.5°	129.0	134.1	130.6	127.0	123.9	120.8	120.4	120.0	119.8	119.6	119.6
45°	119.2	124.7	121.2	117.5	115.7	114.0	114.0	114.0	114.2	114.2	114.6
47.5°	110.1	113.4	111.6	109.9	108.9	107.9	108.1	108.3	108.9	109.3	110.3
50°	102.3	103.4	103.8	104.0	103.4	102.8	103.2	103.4	104.0	104.4	105.2
52.5°	96.6	98.4	98.4	98.2	98.2	98.2	98.5	98.9	99.5	100.1	100.9
55°	92.9	95.4	94.6	93.9	94.1	94.1	94.5	94.8	95.4	95.8	97.0
57.5°	89.4	92.1	91.3	90.5	90.5	90.5	90.7	90.9	91.5	91.9	92.7
60°	85.3	88.0	87.2	86.3	86.5	86.6	86.8	86.8	87.2	87.4	87.4
62.5°	80.4	83.1	82.4	81.4	82.0	82.4	82.4	82.4	82.7	82.9	82.4
65°	75.3	77.9	77.1	76.3	77.1	77.7	78.1	78.3	78.1	77.9	77.3
67.5°	69.9	72.4	71.6	70.6	71.6	72.4	73.2	73.8	73.2	72.6	71.8
70°	64.0	66.5	65.6	64.6	65.6	66.5	67.3	68.1	67.3	66.5	66.3
72.5°	57.8	60.7	59.5	58.3	59.5	60.7	61.1	61.5	60.9	60.3	59.9
75°	50.9	53.9	52.9	51.7	52.7	53.7	53.9	54.1	54.1	53.9	52.7
77.5°	43.7	46.1	45.5	44.9	45.5	46.1	46.1	46.1	46.2	46.2	44.7
80°	35.1	36.5	36.7	36.9	37.1	37.3	37.1	36.9	36.5	36.1	35.1
82.5°	26.1	26.1	27.7	29.1	29.1	28.9	28.7	28.3	27.5	26.5	24.4
85°	16.6	15.6	18.1	20.5	20.5	20.3	19.9	19.3	17.8	16.0	14.2
87.5°	5.7	4.7	7.2	9.8	10.0	10.0	9.6	9.2	7.6	5.9	4.5
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: P385859
 CATALOG NUMBER: GWC-SA1C-722-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: P385859
 CATALOG NUMBER: GWC-SA1C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1287.2	1289.7	1292.1	1311.2	1330.1	1352.4	1374.6	1391.6	1408.4	1425.7	1443.1
5°	1029.4	1032.5	1035.6	1058.9	1081.9	1112.9	1144.0	1170.7	1197.4	1228.8	1260.3
7.5°	763.0	769.9	776.5	801.3	825.9	859.2	892.4	927.3	962.1	1003.1	1044.0
10°	599.3	612.2	624.9	650.2	675.6	708.6	741.4	777.9	814.3	854.7	894.9
12.5°	485.1	502.3	519.3	549.7	580.2	619.6	658.8	699.4	739.8	775.3	810.8
15°	383.3	402.0	420.5	452.7	484.9	528.3	571.4	615.7	659.8	702.3	744.9
17.5°	299.0	314.4	329.6	356.9	384.0	426.0	468.0	514.4	560.9	612.8	664.5
20°	241.2	247.6	254.1	273.8	293.3	327.5	361.4	408.8	456.3	518.3	580.4
22.5°	211.3	214.7	217.8	227.3	236.7	258.8	280.6	322.6	364.3	432.1	499.6
25°	193.4	195.9	198.5	204.7	211.0	221.5	232.0	261.5	291.0	357.5	423.9
27.5°	177.2	181.1	184.8	187.7	190.5	197.7	204.7	224.0	243.3	305.4	367.3
30°	165.5	166.9	168.2	172.7	177.0	184.4	191.8	205.3	218.8	271.3	323.6
32.5°	151.8	153.8	155.7	160.4	165.1	171.9	178.8	189.7	200.4	245.3	290.0
35°	139.5	141.5	143.4	148.1	152.6	160.0	167.2	176.4	185.4	224.4	263.4
37.5°	131.9	133.9	135.8	139.9	143.8	151.2	158.5	165.7	172.7	208.8	244.9
40°	125.5	127.4	129.4	133.3	137.0	144.2	151.2	157.3	163.3	197.1	230.9
42.5°	119.8	122.0	124.1	128.0	131.7	138.2	144.6	152.6	160.4	187.0	213.3
45°	115.1	117.3	119.2	123.5	127.8	134.1	140.3	151.4	162.6	181.7	200.8
47.5°	110.8	113.2	115.3	120.0	124.7	132.5	140.1	149.5	158.7	177.6	196.5
50°	106.7	109.5	112.2	117.9	123.3	136.4	149.3	150.7	151.8	174.3	196.5
52.5°	102.8	106.0	109.1	116.1	122.9	138.2	153.4	148.5	143.4	168.0	192.6
55°	98.9	101.7	104.2	112.8	121.4	132.5	143.6	137.2	130.6	156.3	182.1
57.5°	93.7	96.6	99.3	108.5	117.7	125.5	133.1	127.2	121.2	143.0	164.7
60°	88.2	91.5	94.8	106.6	118.1	116.7	115.1	114.0	112.6	128.2	143.8
62.5°	83.3	86.8	90.4	105.6	120.8	111.4	102.1	103.0	103.8	115.3	126.8
65°	78.4	82.0	85.3	92.9	100.5	96.8	93.1	94.6	96.0	107.3	118.6
67.5°	73.0	76.1	79.0	81.6	84.1	84.5	84.9	86.5	88.0	101.5	114.7
70°	66.9	69.5	72.0	73.8	75.3	76.1	76.7	78.6	80.6	95.2	109.9
72.5°	60.1	62.3	64.2	65.8	67.3	67.9	68.3	70.3	72.2	87.8	103.4
75°	52.7	54.4	56.0	57.4	58.7	59.5	60.3	61.7	63.0	80.0	96.8
77.5°	44.5	46.2	47.8	49.0	50.0	50.7	51.3	53.1	54.8	69.1	83.1
80°	34.7	36.9	38.8	39.8	40.6	40.8	40.8	42.3	43.9	54.1	64.0
82.5°	24.6	26.9	29.1	29.9	30.6	30.6	30.6	32.4	34.2	41.0	47.6
85°	14.4	17.0	19.3	20.1	20.9	21.3	21.5	22.2	22.8	27.7	32.4
87.5°	4.5	6.6	8.6	9.0	9.4	10.1	10.9	11.1	11.1	14.4	17.8
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: P385859
 CATALOG NUMBER: GWC-SA1C-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: P385859
 CATALOG NUMBER: GWC-SA1C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1463.0	1482.9	1506.1	1529.2	1548.9	1568.6	1585.0
5°	1300.3	1340.3	1389.3	1438.0	1481.6	1525.1	1575.6
7.5°	1095.7	1147.5	1210.9	1274.3	1335.8	1397.1	1474.7
10°	947.6	1000.1	1067.3	1134.2	1203.3	1272.2	1360.0
12.5°	853.6	896.1	961.1	1026.1	1107.3	1188.2	1272.7
15°	791.5	838.0	901.2	964.4	1053.2	1142.0	1239.2
17.5°	725.4	786.1	867.0	948.0	1053.2	1158.2	1272.7
20°	656.1	731.6	836.6	941.6	1083.3	1224.7	1370.9
22.5°	587.0	674.4	809.1	943.5	1128.7	1313.7	1511.0
25°	524.8	625.6	792.3	958.8	1194.9	1430.8	1675.5
27.5°	477.5	587.6	785.5	983.2	1278.8	1574.4	1854.5
30°	435.6	547.6	777.3	1007.0	1359.6	1712.0	1994.4
32.5°	399.3	508.6	761.5	1014.2	1416.0	1817.8	2112.9
35°	370.8	478.1	734.9	991.7	1451.3	1910.9	2236.2
37.5°	346.2	447.5	704.7	961.9	1482.7	2003.6	2374.9
40°	322.8	414.7	678.7	942.6	1526.0	2109.5	2521.5
42.5°	300.5	387.8	657.8	927.9	1566.2	2204.4	2649.7
45°	283.9	367.1	639.3	911.3	1592.2	2273.1	2746.3
47.5°	275.7	354.8	629.3	903.7	1618.2	2332.4	2826.5
50°	274.6	352.6	640.7	928.7	1674.4	2419.8	2918.2
52.5°	274.4	356.1	673.3	990.4	1778.8	2567.0	3017.6
55°	270.3	358.3	712.1	1065.7	1918.9	2771.9	3196.1
57.5°	257.8	350.9	752.1	1153.1	2067.0	2980.7	3397.3
60°	238.5	332.9	785.1	1237.0	2166.5	3095.8	3474.8
62.5°	214.3	301.5	796.0	1290.3	2163.8	3037.3	3396.7
65°	193.6	268.5	760.1	1251.5	2054.3	2857.0	3242.4
67.5°	175.2	235.5	670.3	1104.9	1857.4	2609.7	3046.0
70°	162.0	213.9	554.6	895.3	1610.9	2326.3	2818.7
72.5°	153.6	203.5	452.2	700.6	1307.3	1913.8	2411.0
75°	142.1	187.3	354.8	522.0	1000.5	1479.0	1821.1
77.5°	120.6	157.9	267.4	376.8	734.1	1091.3	1266.5
80°	93.1	122.0	183.8	245.7	505.2	764.8	863.5
82.5°	66.3	85.1	111.4	137.8	335.7	533.3	541.5
85°	41.0	49.6	63.8	78.1	222.1	366.1	305.0
87.5°	22.1	26.3	33.8	41.0	71.0	101.1	58.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385859

CATALOG NUMBER: GWC-SA1C-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

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Scaled Data Report





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

Scaled Data Report



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

Scaled Data Report





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

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Signify Classified - Internal
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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
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Peachtree City, GA 30269

Scaled Data Report



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