

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: P386251

Luminaire Tested: **GWC-SA1D-827-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P386251
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GWC-SA1D-827-U-SLL
Description: GALLEON WALL LUMINAIRE
(1) 80 CRI, 2700K, 1200mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5354 lumens
Efficiency: N/A
Efficacy: 81.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

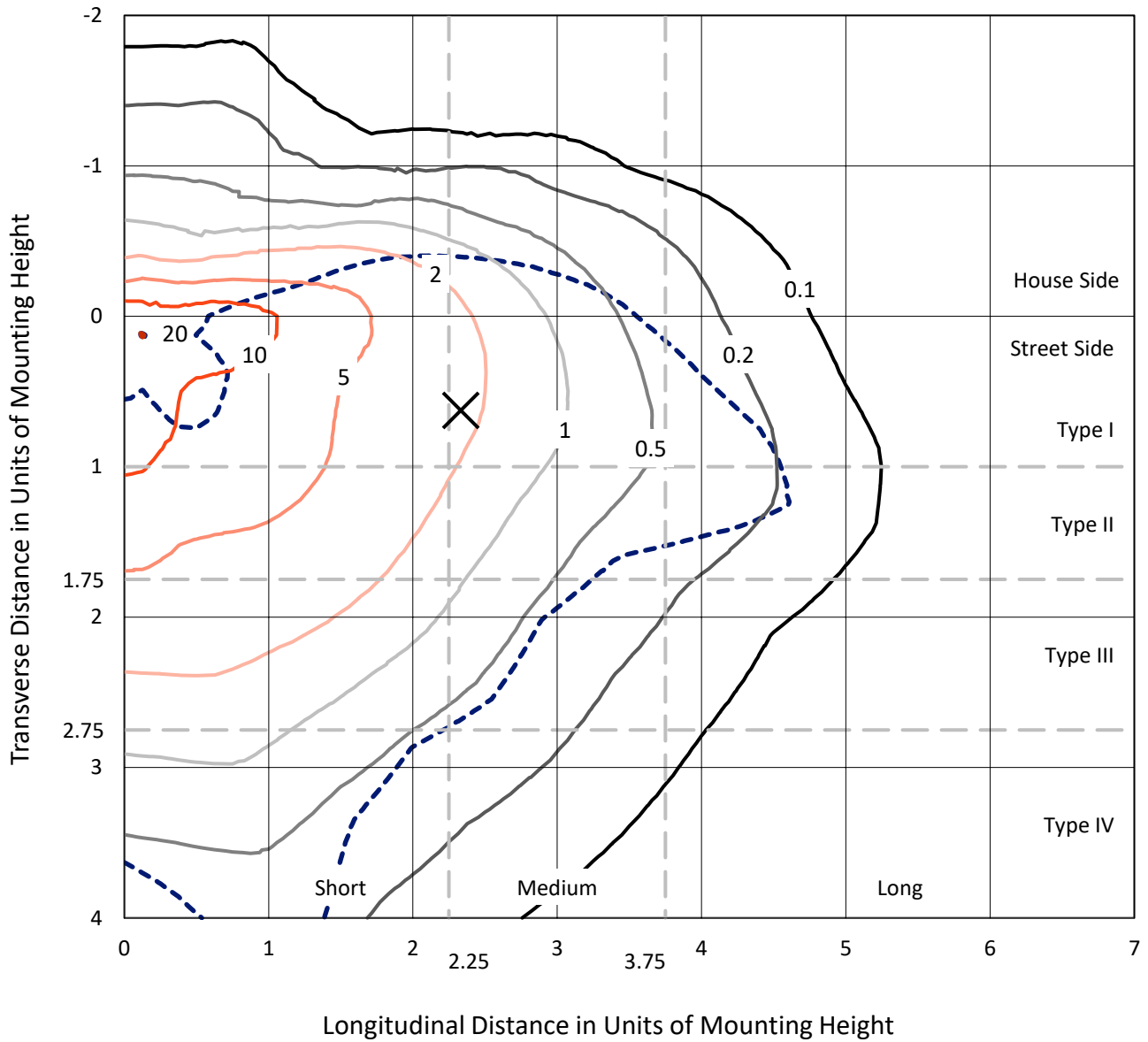
Input Watts (W): 66
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

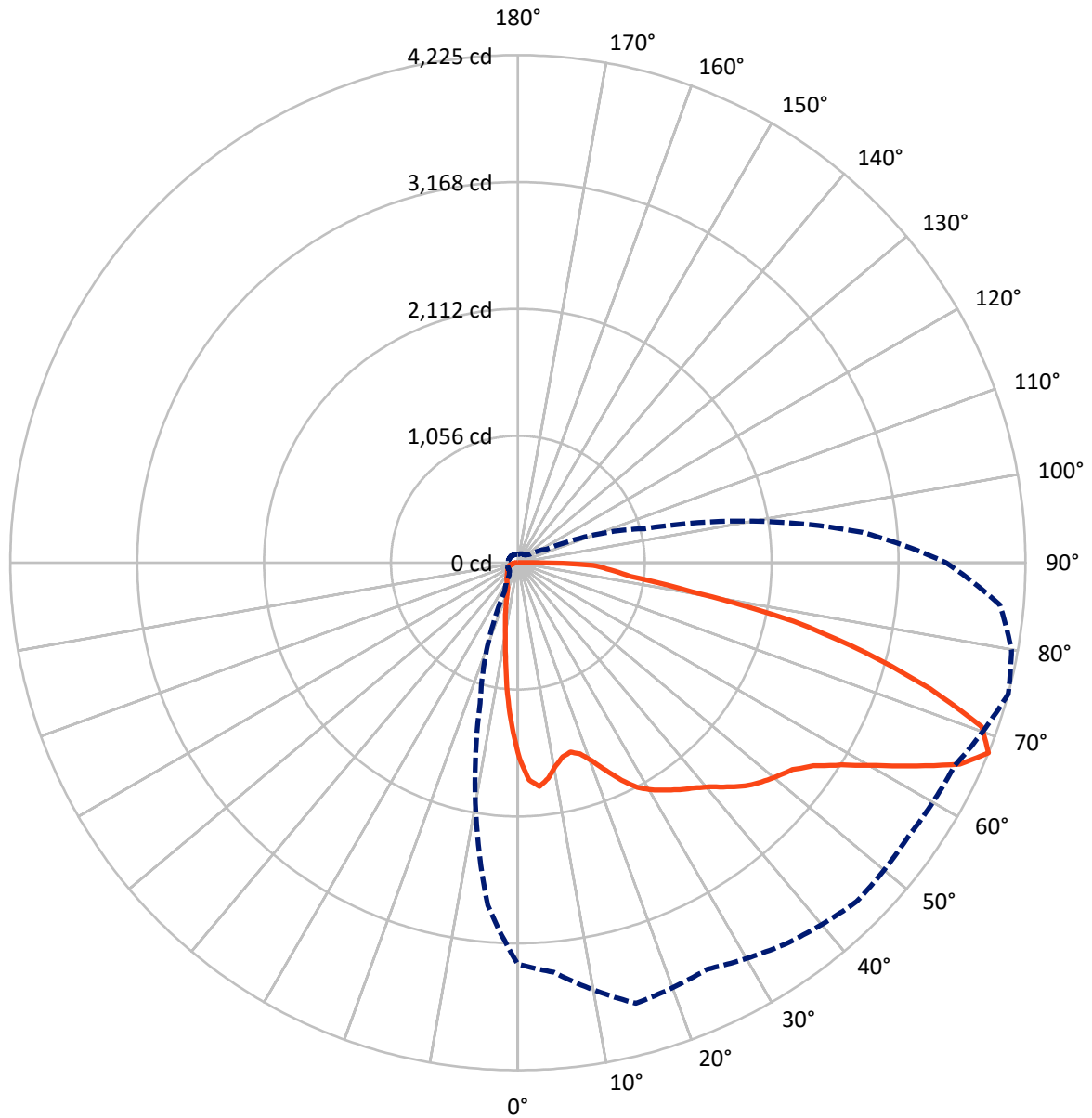
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 20.5 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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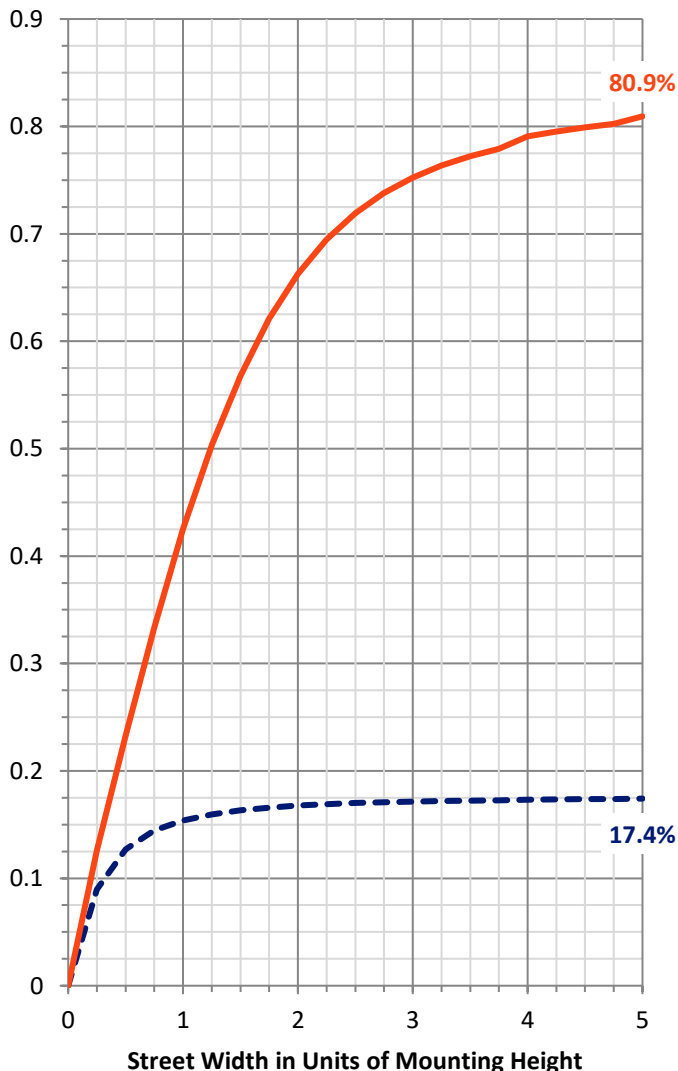
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	943.0	0.0	943.0
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	4411.0	0.0	4411.0
	% Fixture	82.4	0.0	82.4
Total	Lumens	5354.0	0.0	5354.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.9	2.4
10°-20°	261.5	4.9
20°-30°	371.9	6.9
30°-40°	536.0	10.0
40°-50°	755.3	14.1
50°-60°	1050.0	19.6
60°-70°	1269.8	23.7
70°-80°	780.5	14.6
80°-90°	203.1	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°	5354.0	100.0
0°-180°	5354.0	100.0

Coefficient of Utilization



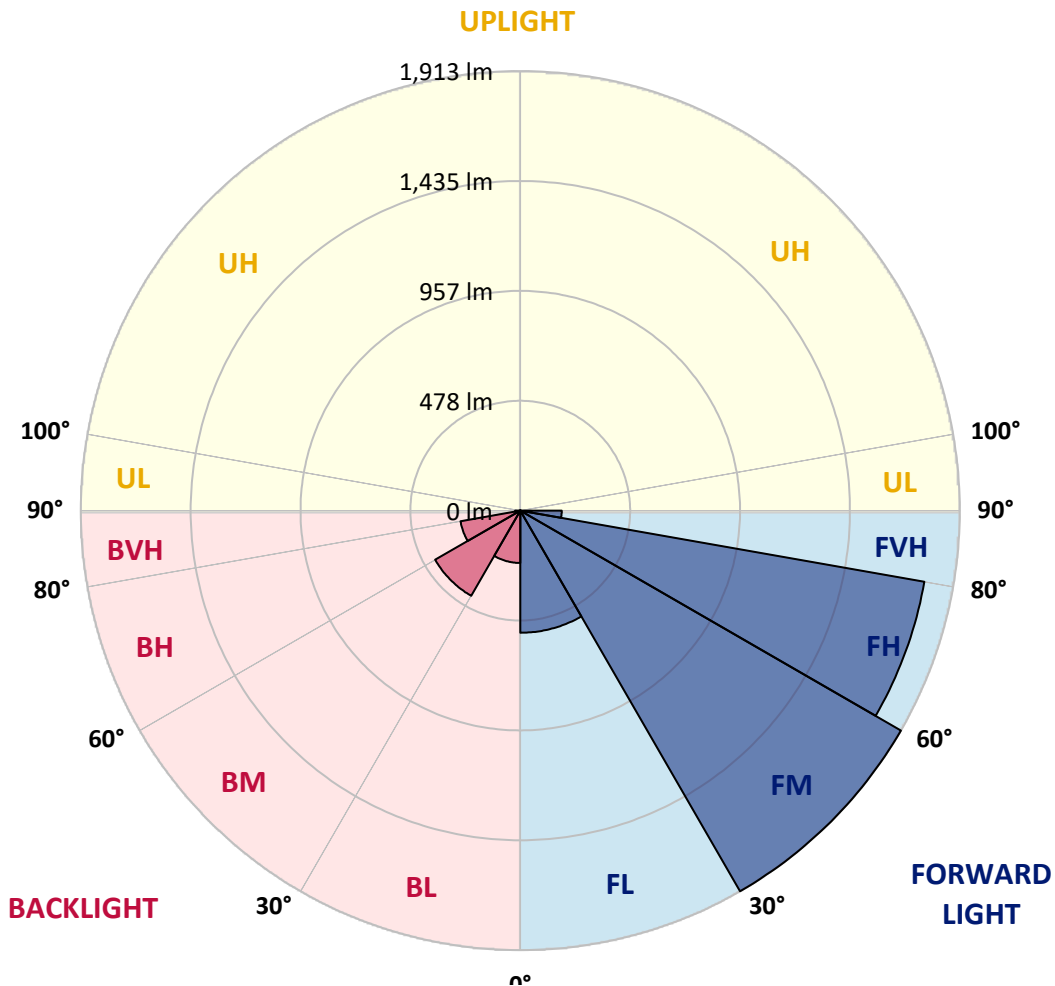
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	531.6	9.9			
FM (30°-60°)	1913.2	35.7			
FH (60°-80°)	1785.9	33.4			G1/1800
FVH (80°-90°)	180.3	3.4			G2/225
BL (0°-30°)	227.7	4.3	B1/500		
BM (30°-60°)	428.0	8.0	B1/1000		
BH (60°-80°)	264.4	4.9	B1/500		G1/500
BVH (80°-90°)	22.8	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°	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1
2.5°	1738.6	1761.5	1777.3	1792.9	1805.2	1817.1	1834.7	1852.2	1855.7	1858.9	1852.0
5°	1728.3	1784.2	1831.7	1879.0	1922.9	1966.8	1993.1	2019.4	2024.8	2030.1	2013.6
7.5°	1617.6	1700.0	1782.5	1864.9	1940.4	2016.0	2062.0	2107.8	2118.3	2128.6	2101.6
10°	1491.8	1587.7	1688.9	1790.2	1889.7	1989.2	2055.8	2122.4	2135.7	2148.9	2115.3
12.5°	1396.1	1500.8	1608.9	1717.0	1822.1	1926.9	1995.9	2064.8	2081.3	2097.8	2073.4
15°	1359.3	1474.0	1575.7	1677.4	1769.0	1860.4	1916.9	1973.2	1980.0	1986.7	1982.8
17.5°	1396.1	1522.6	1614.6	1706.5	1756.3	1806.0	1828.7	1851.2	1858.7	1865.9	1875.8
20°	1503.8	1640.3	1705.2	1769.8	1767.7	1765.3	1754.4	1743.3	1741.4	1739.4	1767.3
22.5°	1657.5	1816.1	1842.0	1867.7	1807.5	1747.4	1710.8	1673.9	1666.7	1659.2	1688.7
25°	1837.9	2006.8	2002.1	1997.2	1882.6	1767.9	1698.1	1628.3	1620.2	1612.1	1637.3
27.5°	2034.2	2195.6	2164.8	2133.9	1978.3	1822.7	1721.5	1620.2	1612.1	1603.9	1626.2
30°	2187.7	2334.1	2284.6	2235.2	2059.0	1882.9	1762.6	1642.3	1629.0	1615.5	1642.9
32.5°	2317.6	2442.2	2375.8	2309.5	2124.5	1939.6	1809.4	1679.3	1658.5	1637.8	1674.4
35°	2452.9	2550.1	2456.7	2363.2	2183.0	2002.5	1864.9	1727.0	1701.5	1676.1	1726.4
37.5°	2605.1	2685.8	2551.8	2417.6	2248.7	2079.8	1947.9	1815.9	1789.7	1763.6	1827.8
40°	2765.8	2833.1	2654.3	2475.6	2320.6	2165.6	2062.9	1959.9	1935.1	1910.0	1988.0
42.5°	2906.5	2955.5	2749.8	2544.1	2407.3	2270.3	2197.9	2125.4	2125.2	2124.7	2203.7
45°	3012.4	3055.0	2829.4	2603.6	2491.8	2379.9	2342.2	2304.5	2334.7	2364.9	2436.4
47.5°	3100.4	3129.3	2896.2	2662.9	2588.6	2514.3	2519.9	2525.5	2586.9	2648.3	2694.3
50°	3201.0	3177.7	2956.8	2735.7	2712.8	2689.9	2739.9	2789.8	2860.5	2930.9	2962.1
52.5°	3310.0	3248.1	3039.0	2829.6	2855.3	2881.0	2982.9	3084.8	3156.1	3227.4	3239.1
55°	3505.8	3411.0	3190.1	2969.0	3018.4	3067.7	3217.3	3366.7	3422.4	3478.0	3482.3
57.5°	3726.5	3642.4	3401.8	3161.2	3214.3	3267.4	3440.1	3612.7	3672.8	3732.7	3724.4
60°	3811.5	3815.6	3602.8	3389.8	3443.3	3496.8	3665.1	3833.3	3902.5	3971.4	3953.0
62.5°	3725.9	3826.3	3712.6	3598.7	3647.3	3695.7	3860.5	4025.4	4096.2	4167.1	4135.0
65°	3556.6	3656.1	3707.1	3758.0	3774.1	3790.1	3944.0	4097.7	4152.1	4206.2	4190.0
67.5°	3341.2	3421.7	3609.7	3797.4	3765.1	3732.7	3804.9	3877.0	3932.9	3988.8	3979.6
70°	3091.9	3187.8	3438.4	3689.1	3530.2	3371.2	3341.4	3311.7	3372.1	3432.2	3395.0
72.5°	2644.7	2789.4	3056.7	3323.9	3031.3	2738.7	2637.0	2535.3	2611.7	2688.1	2628.8
75°	1997.6	2189.6	2485.0	2780.2	2431.1	2081.9	1946.2	1810.5	1876.2	1941.9	1901.3
77.5°	1389.2	1630.1	1921.0	2211.9	1857.0	1501.8	1401.0	1300.0	1319.7	1339.1	1332.3
80°	947.2	1105.6	1308.5	1511.2	1274.9	1038.6	1046.5	1054.2	1045.0	1035.6	1049.3
82.5°	594.0	705.5	862.2	1018.7	893.3	767.8	839.7	911.7	876.4	840.8	854.1
85°	334.6	402.6	555.9	709.0	660.8	612.4	654.6	696.5	641.7	586.9	611.1
87.5°	63.8	106.2	307.6	508.8	461.9	415.1	360.7	306.3	233.8	161.2	235.5
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



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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°	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1
2.5°	1845.2	1841.5	1837.9	1824.8	1811.6	1791.9	1775.6	1747.4	1731.9	1708.6	1685.3
5°	1996.9	1973.8	1950.7	1910.9	1870.9	1826.3	1775.2	1718.5	1675.6	1620.0	1564.3
7.5°	2074.6	2020.7	1966.5	1890.1	1813.5	1744.6	1663.7	1588.3	1524.1	1451.7	1379.4
10°	2081.7	2000.8	1919.7	1820.3	1720.8	1637.1	1544.0	1460.3	1383.2	1300.2	1216.9
12.5°	2048.7	1962.7	1876.4	1767.0	1657.5	1562.4	1462.2	1368.5	1283.1	1191.7	1100.0
15°	1979.0	1910.3	1841.3	1738.8	1636.3	1540.4	1443.2	1332.1	1235.5	1142.0	1048.2
17.5°	1885.4	1852.9	1820.1	1746.1	1671.8	1588.7	1494.6	1364.2	1251.2	1149.5	1047.8
20°	1794.9	1806.9	1818.6	1789.1	1759.6	1693.0	1610.8	1464.4	1320.1	1187.2	1054.0
22.5°	1718.0	1775.6	1833.0	1855.9	1878.6	1838.5	1774.3	1605.0	1414.1	1240.5	1066.9
25°	1662.4	1757.8	1853.3	1929.5	2005.5	1987.7	1938.3	1775.8	1538.6	1317.3	1095.8
27.5°	1648.5	1765.5	1882.6	2000.8	2118.7	2135.2	2121.5	1955.8	1687.2	1412.8	1138.1
30°	1670.3	1788.9	1907.3	2051.1	2194.7	2260.5	2278.9	2105.9	1857.0	1524.1	1191.0
32.5°	1711.0	1827.2	1943.4	2100.1	2256.6	2355.9	2414.6	2243.1	1975.3	1608.0	1240.5
35°	1776.7	1885.4	1994.2	2157.3	2320.4	2448.8	2555.9	2384.8	2080.4	1666.7	1252.7
37.5°	1891.8	1985.4	2078.9	2229.6	2380.1	2546.6	2707.4	2540.9	2194.1	1723.2	1252.0
40°	2065.9	2132.0	2197.9	2325.3	2452.5	2662.0	2879.1	2714.9	2319.7	1784.4	1249.0
42.5°	2282.7	2316.7	2350.6	2451.4	2552.2	2782.5	3034.9	2885.1	2439.6	1841.3	1243.0
45°	2507.7	2516.7	2525.7	2589.2	2652.6	2878.0	3141.1	3012.9	2544.3	1890.8	1237.0
47.5°	2740.2	2709.3	2678.5	2703.8	2729.0	2951.2	3216.9	3109.8	2649.4	1945.6	1241.5
50°	2993.4	2907.5	2821.7	2808.4	2795.2	3024.4	3306.1	3233.1	2775.7	2025.4	1275.1
52.5°	3250.7	3109.2	2967.7	2915.3	2862.6	3111.8	3424.5	3386.6	2955.9	2149.1	1342.1
55°	3486.6	3306.6	3126.5	3055.9	2985.3	3245.3	3569.0	3612.0	3186.9	2307.3	1427.6
57.5°	3715.8	3511.8	3307.8	3242.3	3176.8	3441.6	3752.0	3814.3	3420.2	2459.1	1497.8
60°	3934.6	3732.7	3530.7	3478.2	3425.6	3685.6	3949.8	3904.4	3540.5	2530.2	1519.6
62.5°	4102.8	3942.3	3781.8	3754.1	3726.3	3932.5	4101.8	3869.3	3464.1	2460.2	1456.2
65°	4173.7	4082.3	3990.7	4016.6	4042.3	4119.1	4139.7	3766.6	3223.9	2264.1	1304.3
67.5°	3970.1	3988.8	4007.4	4116.1	4224.6	4171.8	4027.1	3564.1	2882.1	1986.2	1090.4
70°	3357.5	3469.2	3580.8	3838.1	4095.1	3977.8	3725.5	3200.6	2470.7	1666.2	861.6
72.5°	2569.3	2695.0	2820.4	3202.3	3584.0	3475.9	3166.8	2628.8	1980.9	1330.6	680.1
75°	1860.4	2002.3	2144.0	2565.3	2986.5	2836.5	2368.8	1882.2	1504.6	1015.7	526.6
77.5°	1325.2	1420.3	1515.3	1931.4	2347.4	2102.9	1576.8	1266.6	1041.4	706.0	370.3
80°	1063.0	1033.9	1004.8	1236.6	1468.4	1427.8	1042.9	813.4	720.7	473.1	225.4
82.5°	867.1	796.1	725.0	834.2	943.4	937.4	723.7	596.8	536.4	328.8	121.2
85°	635.1	606.6	578.2	674.7	771.3	688.8	490.2	379.3	418.3	242.1	65.9
87.5°	309.7	353.8	397.7	511.6	625.3	469.4	148.8	73.6	101.9	67.0	31.9
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: P386251
 CATALOG NUMBER: GWC-SA1D-827-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: P386251

CATALOG NUMBER: GWC-SA1D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1
2.5°	1667.9	1650.4	1630.5	1610.6	1587.9	1565.0	1551.5	1537.8	1523.0	1508.3	1491.6
5°	1527.5	1490.7	1449.0	1407.2	1365.9	1324.6	1302.3	1280.1	1256.5	1232.8	1212.2
7.5°	1325.9	1272.1	1214.4	1156.3	1105.0	1053.4	1021.5	989.4	960.3	930.9	906.3
10°	1148.4	1079.9	1021.9	963.7	924.9	886.2	856.9	827.5	799.3	770.8	743.6
12.5°	1031.5	963.0	926.2	889.4	857.3	825.2	791.4	757.3	718.6	679.6	651.2
15°	986.0	923.7	882.8	841.7	798.7	755.4	713.9	672.4	626.5	580.7	548.4
17.5°	966.3	884.7	827.5	770.2	713.5	656.7	608.6	560.4	510.3	460.2	427.5
20°	945.5	837.0	760.3	683.5	610.7	537.9	483.3	428.8	384.0	339.3	314.2
22.5°	926.7	786.2	690.1	593.8	507.7	421.7	368.2	314.5	287.1	259.7	249.6
25°	919.0	741.9	623.8	505.6	414.8	323.9	285.8	247.7	237.2	226.5	221.3
27.5°	920.2	702.3	567.9	433.3	351.5	269.7	243.6	217.5	211.1	204.4	201.2
30°	925.2	659.3	515.2	371.2	303.7	236.3	219.4	202.3	195.4	188.6	184.5
32.5°	930.7	620.8	474.6	328.2	273.1	217.9	204.0	189.9	183.2	176.6	172.5
35°	921.1	589.3	446.7	304.2	253.4	202.5	190.7	178.7	171.5	164.2	160.3
37.5°	904.8	557.6	425.1	292.4	240.6	188.6	180.0	171.2	163.8	156.0	152.4
40°	890.1	530.9	409.1	287.1	233.5	179.8	172.5	165.3	157.5	149.6	145.3
42.5°	878.1	512.9	393.2	273.6	227.1	180.5	170.2	159.7	152.2	144.7	140.0
45°	869.1	501.1	380.8	260.5	221.1	181.7	168.7	155.6	148.1	140.4	134.9
47.5°	868.2	494.9	372.0	249.2	209.8	170.2	164.8	159.5	148.6	137.4	131.0
50°	880.0	484.8	361.8	238.5	198.9	159.3	166.5	173.6	155.0	136.1	128.0
52.5°	904.6	467.1	345.5	223.9	185.6	147.1	158.4	169.5	153.5	137.2	126.7
55°	934.4	441.0	320.9	200.6	168.0	135.3	145.3	155.2	145.1	134.9	122.2
57.5°	953.0	408.0	289.8	171.7	148.3	125.0	130.8	136.4	132.3	128.2	115.4
60°	941.9	364.1	254.9	145.6	131.0	116.4	115.4	114.1	120.1	126.1	111.3
62.5°	887.5	318.7	224.1	129.5	118.6	107.5	105.1	102.5	112.4	122.0	106.4
65°	795.7	287.1	204.6	122.2	110.0	97.8	95.3	92.7	95.7	98.7	91.4
67.5°	679.0	267.6	193.5	119.4	104.7	89.7	86.7	83.7	83.1	82.4	79.8
70°	558.7	255.6	186.2	116.9	98.9	80.7	77.9	75.1	74.3	73.2	71.3
72.5°	467.1	254.1	185.4	116.7	94.2	71.7	69.1	66.6	65.5	64.2	62.7
75°	382.5	238.5	176.0	113.5	87.8	61.9	59.5	57.2	56.3	55.2	53.9
77.5°	283.8	197.4	147.9	98.5	75.1	51.8	49.4	46.9	46.7	46.2	45.2
80°	184.1	142.8	105.7	68.7	54.8	40.7	38.7	36.6	36.8	37.0	36.2
82.5°	102.3	83.3	64.6	46.0	37.5	28.9	28.0	27.0	27.6	28.0	27.0
85°	53.9	42.0	34.7	27.4	21.6	15.8	15.8	15.6	16.5	17.3	16.5
87.5°	23.3	14.8	12.6	10.3	5.8	1.1	1.3	1.3	1.7	2.1	1.9
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: P386251
 CATALOG NUMBER: GWC-SA1D-827-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: P386251

CATALOG NUMBER: GWC-SA1D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1
2.5°	1474.6	1459.0	1443.2	1425.8	1429.1	1415.8	1402.5	1394.2	1385.8	1383.2	1380.7
5°	1191.7	1173.9	1155.9	1139.9	1153.8	1144.4	1134.9	1133.7	1132.2	1132.2	1131.9
7.5°	881.7	862.7	843.4	830.1	843.8	842.1	840.4	849.6	858.8	866.3	873.6
10°	716.5	693.3	670.0	650.3	646.9	637.0	627.0	629.1	631.0	639.2	647.3
12.5°	622.7	595.1	567.5	544.3	533.9	517.6	501.1	490.8	480.6	481.6	482.5
15°	515.9	489.1	462.2	442.2	435.6	423.0	410.3	397.5	384.4	379.1	373.5
17.5°	394.5	373.1	351.5	338.2	338.2	334.6	330.9	324.5	317.9	312.5	307.0
20°	289.2	277.8	266.3	260.7	262.4	262.6	262.6	265.9	269.1	267.4	265.6
22.5°	239.3	235.2	231.2	228.8	229.7	229.9	230.1	233.1	235.9	238.0	240.0
25°	216.0	213.4	210.8	210.0	211.9	212.1	212.1	214.1	216.0	218.1	220.3
27.5°	197.8	196.7	195.6	194.2	196.1	196.1	195.9	198.0	199.9	201.9	203.6
30°	180.5	180.9	181.1	180.7	181.9	182.8	183.4	184.9	186.2	187.7	189.2
32.5°	168.2	167.6	167.0	166.5	169.3	170.8	172.3	173.8	175.1	175.7	176.4
35°	156.5	155.0	153.5	152.4	155.0	156.9	158.8	161.6	164.2	164.6	165.0
37.5°	148.6	146.6	144.7	143.4	144.5	145.3	146.2	149.2	152.2	153.9	155.4
40°	141.1	139.1	137.2	136.1	136.8	137.0	137.2	138.7	140.0	143.2	146.2
42.5°	135.1	132.7	130.4	129.1	129.5	129.9	130.1	129.9	129.7	132.7	135.7
45°	129.1	126.5	123.9	122.4	122.7	122.7	122.7	122.2	121.6	123.1	124.6
47.5°	124.4	121.4	118.4	116.9	116.4	116.0	115.6	115.4	114.9	116.0	116.9
50°	119.7	116.4	113.0	111.3	110.2	109.8	109.4	109.2	108.7	109.8	110.7
52.5°	116.0	112.2	108.3	105.5	104.5	103.8	103.2	103.4	103.4	103.8	104.0
55°	109.6	106.2	102.5	100.6	98.7	98.3	97.8	98.5	98.9	98.9	98.9
57.5°	102.5	99.3	95.9	94.6	92.9	92.9	92.7	93.5	94.2	94.6	95.0
60°	96.3	92.7	89.0	88.0	87.3	87.1	86.9	88.0	88.8	89.7	90.5
62.5°	90.5	86.7	82.8	81.6	81.3	81.6	81.6	82.6	83.5	84.3	85.2
65°	84.1	80.3	76.2	74.9	75.3	76.0	76.6	77.5	78.1	79.0	79.8
67.5°	77.1	73.8	70.4	69.1	69.4	70.2	71.1	71.7	72.1	73.0	73.8
70°	69.4	66.6	63.8	62.9	62.7	63.8	64.6	65.1	65.5	66.6	67.4
72.5°	61.0	58.7	56.3	55.7	55.9	56.5	57.2	57.8	58.2	59.3	60.2
75°	52.4	50.3	48.2	47.7	48.2	48.8	49.4	49.9	50.3	51.6	52.7
77.5°	44.1	41.7	39.2	39.0	39.6	40.2	40.7	41.3	42.0	43.7	45.4
80°	35.3	32.8	30.0	29.8	30.4	31.0	31.7	32.3	33.0	35.1	37.0
82.5°	25.9	22.9	19.9	19.5	21.6	22.3	22.9	24.0	24.8	26.8	28.7
85°	15.6	12.6	9.6	9.4	11.3	12.4	13.5	14.8	15.8	17.6	19.3
87.5°	1.7	0.9	0.0	0.0	0.2	1.1	1.9	3.0	4.1	5.8	7.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386251

CATALOG NUMBER: GWC-SA1D-827-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: P386251
 CATALOG NUMBER: GWC-SA1D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1
2.5°	1371.3	1361.6	1371.5	1381.1	1385.2	1389.2	1378.7	1368.0	1384.7	1401.2	1405.5
5°	1123.4	1114.6	1121.2	1127.7	1113.3	1099.0	1097.5	1095.8	1108.2	1120.6	1122.5
7.5°	870.8	868.0	874.2	880.4	862.2	843.8	834.8	825.8	828.8	831.8	831.4
10°	649.2	651.0	658.7	666.1	652.0	637.9	631.7	625.5	632.3	639.0	645.2
12.5°	486.3	490.0	498.1	506.0	500.3	494.3	494.9	495.5	503.5	511.2	518.0
15°	377.8	382.1	387.9	393.4	393.7	393.7	399.2	404.6	403.9	403.3	408.0
17.5°	312.7	318.3	318.9	319.6	319.8	320.0	319.6	319.2	315.9	312.7	316.4
20°	267.8	269.7	271.4	272.9	271.0	268.9	263.5	258.2	256.0	253.9	257.3
22.5°	243.6	247.0	245.3	243.4	239.5	235.5	231.4	227.1	226.9	226.5	228.4
25°	223.3	226.0	223.0	220.1	217.3	214.5	211.7	208.9	208.7	208.5	209.3
27.5°	206.4	208.9	206.1	203.4	201.0	198.6	196.5	194.4	193.9	193.5	193.7
30°	191.8	194.2	191.8	189.2	187.5	185.6	184.1	182.6	182.4	182.2	182.2
32.5°	178.7	181.1	179.4	177.7	176.2	174.7	173.6	172.5	171.5	170.4	168.0
35°	167.4	169.7	168.7	167.4	165.7	164.0	162.0	159.9	157.1	154.1	152.8
37.5°	157.8	160.1	159.0	158.0	155.6	153.3	149.8	146.2	145.3	144.3	144.1
40°	150.1	153.7	151.6	149.2	145.6	141.9	140.2	138.5	138.1	137.6	137.2
42.5°	141.5	147.1	143.2	139.4	135.9	132.5	132.1	131.6	131.4	131.2	131.2
45°	130.8	136.8	132.9	128.9	126.9	125.0	125.0	125.0	125.2	125.2	125.7
47.5°	120.7	124.4	122.4	120.5	119.4	118.4	118.6	118.8	119.4	119.9	120.9
50°	112.2	113.5	113.9	114.1	113.5	112.8	113.2	113.5	114.1	114.5	115.4
52.5°	106.0	107.9	107.9	107.7	107.7	107.7	108.1	108.5	109.2	109.8	110.7
55°	101.9	104.7	103.8	103.0	103.2	103.2	103.6	104.0	104.7	105.1	106.4
57.5°	98.0	101.0	100.2	99.3	99.3	99.3	99.5	99.8	100.4	100.8	101.7
60°	93.5	96.5	95.7	94.6	94.8	95.0	95.3	95.3	95.7	95.9	95.9
62.5°	88.2	91.2	90.3	89.3	89.9	90.3	90.3	90.3	90.8	91.0	90.3
65°	82.6	85.4	84.6	83.7	84.6	85.2	85.6	85.8	85.6	85.4	84.8
67.5°	76.6	79.4	78.6	77.5	78.6	79.4	80.3	80.9	80.3	79.6	78.8
70°	70.2	73.0	71.9	70.9	71.9	73.0	73.8	74.7	73.8	73.0	72.8
72.5°	63.4	66.6	65.3	64.0	65.3	66.6	67.0	67.4	66.8	66.1	65.7
75°	55.9	59.1	58.0	56.7	57.8	58.9	59.1	59.3	59.3	59.1	57.8
77.5°	47.9	50.5	49.9	49.2	49.9	50.5	50.5	50.5	50.7	50.7	49.0
80°	38.5	40.0	40.2	40.5	40.7	40.9	40.7	40.5	40.0	39.6	38.5
82.5°	28.7	28.7	30.4	31.9	31.9	31.7	31.5	31.0	30.2	29.1	26.8
85°	18.2	17.1	19.9	22.5	22.5	22.3	21.8	21.2	19.5	17.6	15.6
87.5°	6.2	5.1	7.9	10.7	10.9	10.9	10.5	10.1	8.3	6.4	4.9
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: P386251
 CATALOG NUMBER: GWC-SA1D-827-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: P386251

CATALOG NUMBER: GWC-SA1D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1
2.5°	1411.9	1414.7	1417.3	1438.3	1459.0	1483.4	1507.8	1526.4	1544.9	1563.9	1583.0
5°	1129.2	1132.6	1136.0	1161.5	1186.7	1220.8	1254.8	1284.1	1313.5	1347.9	1382.4
7.5°	837.0	844.5	851.7	878.9	905.9	942.5	978.9	1017.2	1055.3	1100.3	1145.2
10°	657.4	671.5	685.4	713.2	741.1	777.2	813.2	853.2	893.3	937.6	981.7
12.5°	532.1	551.0	569.6	603.0	636.4	679.6	722.7	767.2	811.5	850.5	889.4
15°	420.4	441.0	461.3	496.6	531.9	579.5	626.8	675.4	723.7	770.4	817.1
17.5°	327.9	344.8	361.5	391.5	421.3	467.3	513.3	564.3	615.2	672.1	728.9
20°	264.6	271.6	278.7	300.3	321.7	359.2	396.4	448.5	500.5	568.5	636.6
22.5°	231.8	235.5	238.9	249.4	259.7	283.8	307.8	353.8	399.6	473.9	548.0
25°	212.1	214.9	217.7	224.5	231.4	243.0	254.5	286.8	319.2	392.2	464.9
27.5°	194.4	198.6	202.7	205.9	208.9	216.8	224.5	245.7	266.9	335.0	402.9
30°	181.5	183.0	184.5	189.4	194.2	202.3	210.4	225.2	240.0	297.5	354.9
32.5°	166.5	168.7	170.8	176.0	181.1	188.6	196.1	208.1	219.8	269.1	318.1
35°	153.1	155.2	157.3	162.5	167.4	175.5	183.4	193.5	203.4	246.2	289.0
37.5°	144.7	146.8	149.0	153.5	157.8	165.9	173.8	181.7	189.4	229.0	268.6
40°	137.6	139.8	141.9	146.2	150.3	158.2	165.9	172.5	179.2	216.2	253.2
42.5°	131.4	133.8	136.1	140.4	144.5	151.6	158.6	167.4	176.0	205.1	234.0
45°	126.3	128.6	130.8	135.5	140.2	147.1	153.9	166.1	178.3	199.3	220.3
47.5°	121.6	124.2	126.5	131.6	136.8	145.3	153.7	164.0	174.0	194.8	215.6
50°	117.1	120.1	123.1	129.3	135.3	149.6	163.8	165.3	166.5	191.2	215.6
52.5°	112.8	116.2	119.7	127.4	134.9	151.6	168.2	162.9	157.3	184.3	211.3
55°	108.5	111.5	114.3	123.7	133.1	145.3	157.5	150.5	143.2	171.5	199.7
57.5°	102.7	106.0	109.0	119.0	129.1	137.6	146.0	139.6	132.9	156.9	180.7
60°	96.8	100.4	104.0	116.9	129.5	128.0	126.3	125.0	123.5	140.6	157.8
62.5°	91.4	95.3	99.1	115.8	132.5	122.2	112.0	113.0	113.9	126.5	139.1
65°	86.1	89.9	93.5	101.9	110.2	106.2	102.1	103.8	105.3	117.7	130.1
67.5°	80.1	83.5	86.7	89.5	92.3	92.7	93.1	94.8	96.5	111.3	125.9
70°	73.4	76.2	79.0	80.9	82.6	83.5	84.1	86.3	88.4	104.5	120.5
72.5°	65.9	68.3	70.4	72.1	73.8	74.5	74.9	77.1	79.2	96.3	113.5
75°	57.8	59.7	61.4	62.9	64.4	65.3	66.1	67.6	69.1	87.8	106.2
77.5°	48.8	50.7	52.4	53.7	54.8	55.7	56.3	58.2	60.2	75.8	91.2
80°	38.1	40.5	42.6	43.7	44.5	44.7	44.7	46.5	48.2	59.3	70.2
82.5°	27.0	29.5	31.9	32.8	33.6	33.6	33.6	35.5	37.5	45.0	52.2
85°	15.8	18.6	21.2	22.0	22.9	23.3	23.5	24.4	25.0	30.4	35.5
87.5°	4.9	7.3	9.4	9.8	10.3	11.1	12.0	12.2	12.2	15.8	19.5
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: P386251
 CATALOG NUMBER: GWC-SA1D-827-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: P386251

CATALOG NUMBER: GWC-SA1D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1	1631.1
2.5°	1604.8	1626.6	1652.1	1677.4	1699.0	1720.6	1738.6
5°	1426.3	1470.1	1523.9	1577.4	1625.1	1672.9	1728.3
7.5°	1201.9	1258.7	1328.2	1397.8	1465.2	1532.4	1617.6
10°	1039.5	1097.0	1170.7	1244.1	1319.9	1395.4	1491.8
12.5°	936.3	983.0	1054.2	1125.5	1214.6	1303.4	1396.1
15°	868.2	919.2	988.5	1057.9	1155.3	1252.7	1359.3
17.5°	795.7	862.2	951.1	1039.9	1155.3	1270.4	1396.1
20°	719.7	802.5	917.7	1032.8	1188.2	1343.4	1503.8
22.5°	643.9	739.8	887.5	1035.0	1238.1	1441.0	1657.5
25°	575.6	686.3	869.1	1051.7	1310.7	1569.5	1837.9
27.5°	523.8	644.5	861.6	1078.4	1402.7	1727.0	2034.2
30°	477.8	600.6	852.6	1104.5	1491.3	1877.9	2187.7
32.5°	438.0	557.8	835.3	1112.5	1553.2	1993.9	2317.6
35°	406.7	524.4	806.1	1087.8	1591.9	2096.1	2452.9
37.5°	379.7	490.8	773.0	1055.1	1626.4	2197.7	2605.1
40°	354.1	454.9	744.5	1033.9	1673.9	2314.0	2765.8
42.5°	329.6	425.3	721.6	1017.8	1718.0	2418.0	2906.5
45°	311.5	402.6	701.3	999.7	1746.5	2493.3	3012.4
47.5°	302.5	389.2	690.3	991.3	1775.0	2558.4	3100.4
50°	301.2	386.8	702.8	1018.7	1836.6	2654.3	3201.0
52.5°	301.0	390.7	738.5	1086.3	1951.1	2815.7	3310.0
55°	296.5	393.0	781.1	1169.0	2104.8	3040.5	3505.8
57.5°	282.8	384.9	825.0	1264.9	2267.3	3269.5	3726.5
60°	261.6	365.2	861.2	1356.9	2376.5	3395.8	3811.5
62.5°	235.0	330.7	873.1	1415.4	2373.5	3331.6	3725.9
65°	212.3	294.5	833.8	1372.8	2253.4	3133.8	3556.6
67.5°	192.2	258.4	735.3	1212.0	2037.4	2862.6	3341.2
70°	177.7	234.6	608.4	982.1	1767.0	2551.8	3091.9
72.5°	168.5	223.3	496.0	768.5	1434.0	2099.3	2644.7
75°	155.8	205.5	389.2	572.6	1097.5	1622.3	1997.6
77.5°	132.3	173.2	293.3	413.3	805.3	1197.0	1389.2
80°	102.1	133.8	201.6	269.5	554.2	838.9	947.2
82.5°	72.8	93.3	122.2	151.1	368.2	585.0	594.0
85°	45.0	54.4	70.0	85.6	243.6	401.6	334.6
87.5°	24.2	28.9	37.0	45.0	77.9	110.9	63.8
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: P386251
 CATALOG NUMBER: GWC-SA1D-827-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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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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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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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
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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Signify Classified - Internal
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
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



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