

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: P385719

Luminaire Tested: **GWC-SA1B-735-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P385719
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-SA1B-735-U-SLL
Description: GALLEON WALL LUMINAIRE
(1) 70 CRI, 3500K, 800mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5039.8 lumens
Efficiency: N/A
Efficacy: 114.5 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

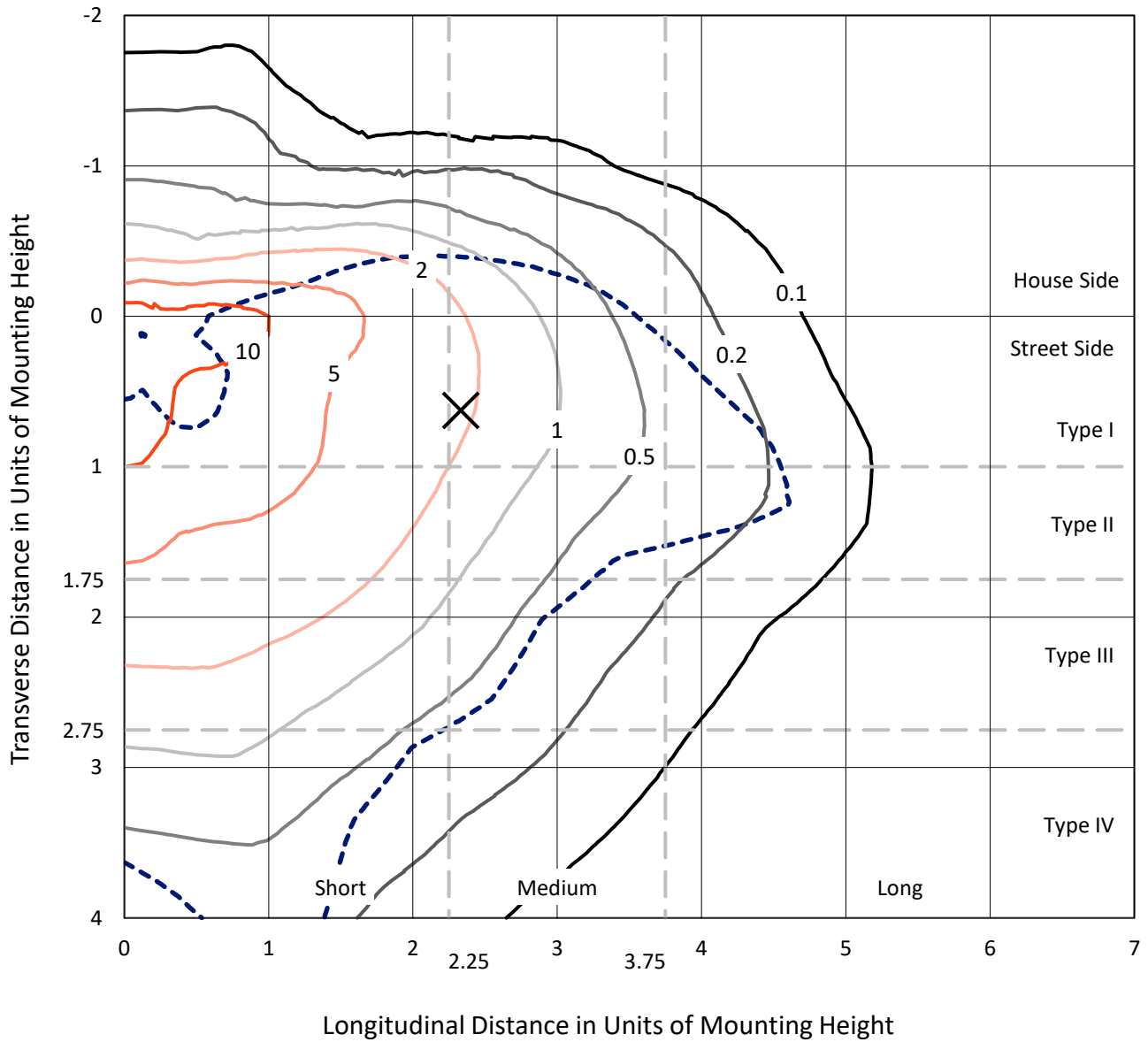
Input Watts (W): 44
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

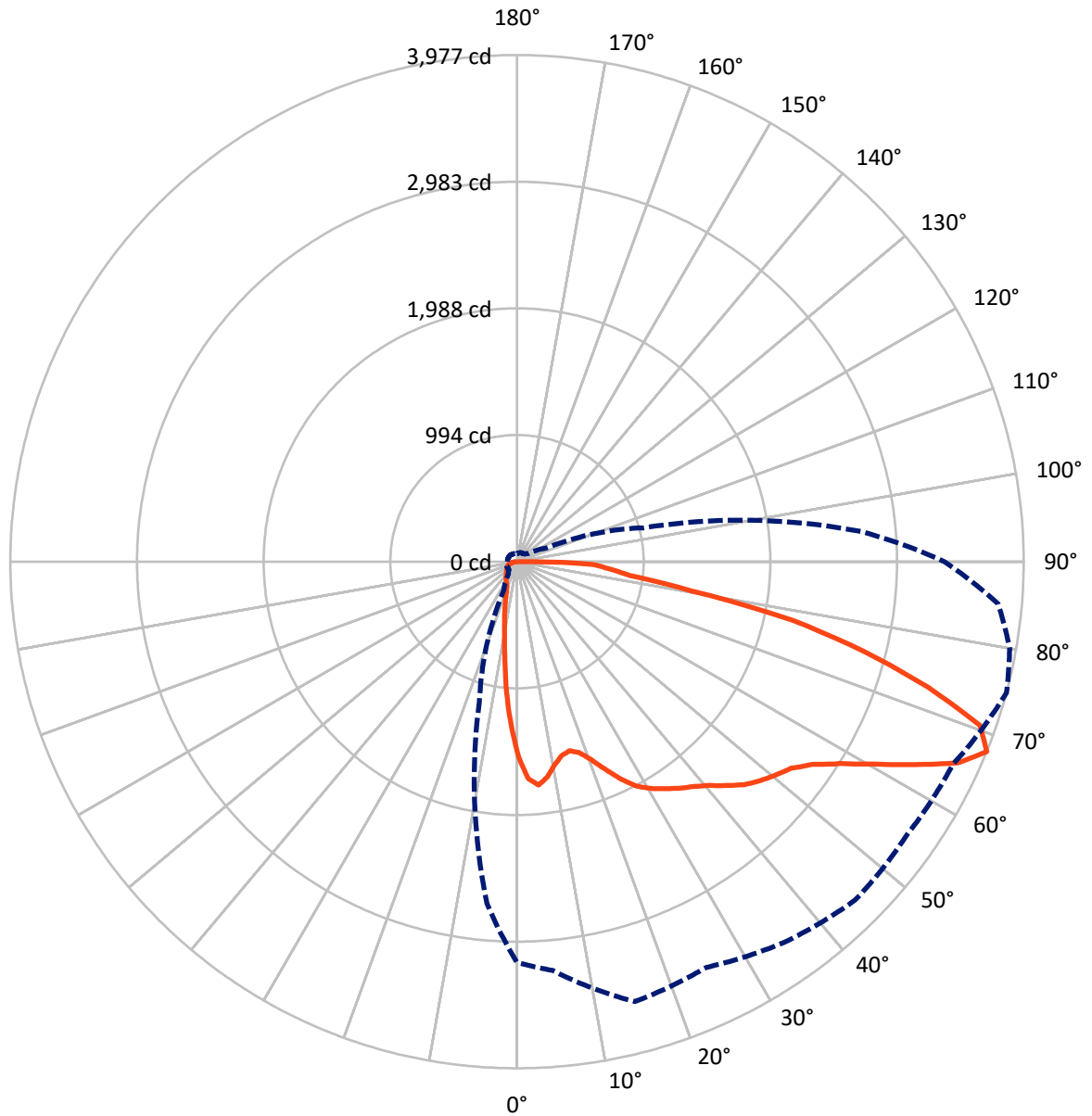
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 19.3 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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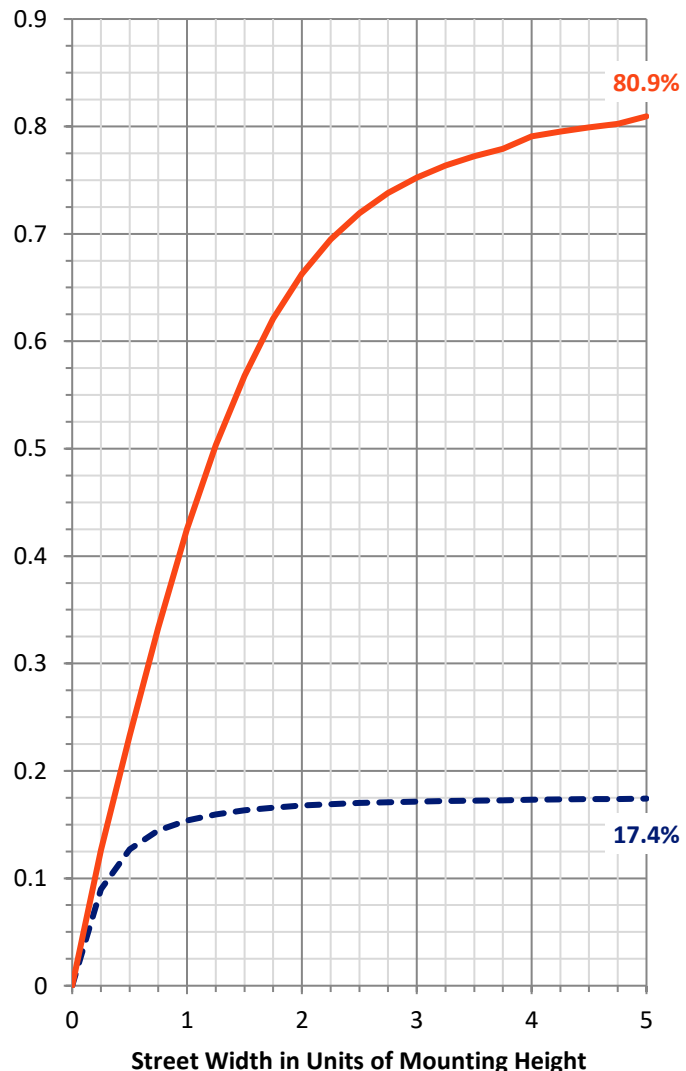
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	887.6	0.0	887.6
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	4152.2	0.0	4152.2
	% Fixture	82.4	0.0	82.4
Total	Lumens	5039.8	0.0	5039.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.5	2.4
10°-20°	246.2	4.9
20°-30°	350.1	6.9
30°-40°	504.5	10.0
40°-50°	711.0	14.1
50°-60°	988.4	19.6
60°-70°	1195.3	23.7
70°-80°	734.7	14.6
80°-90°	191.2	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°	5039.8	100.0
0°-180°	5039.8	100.0



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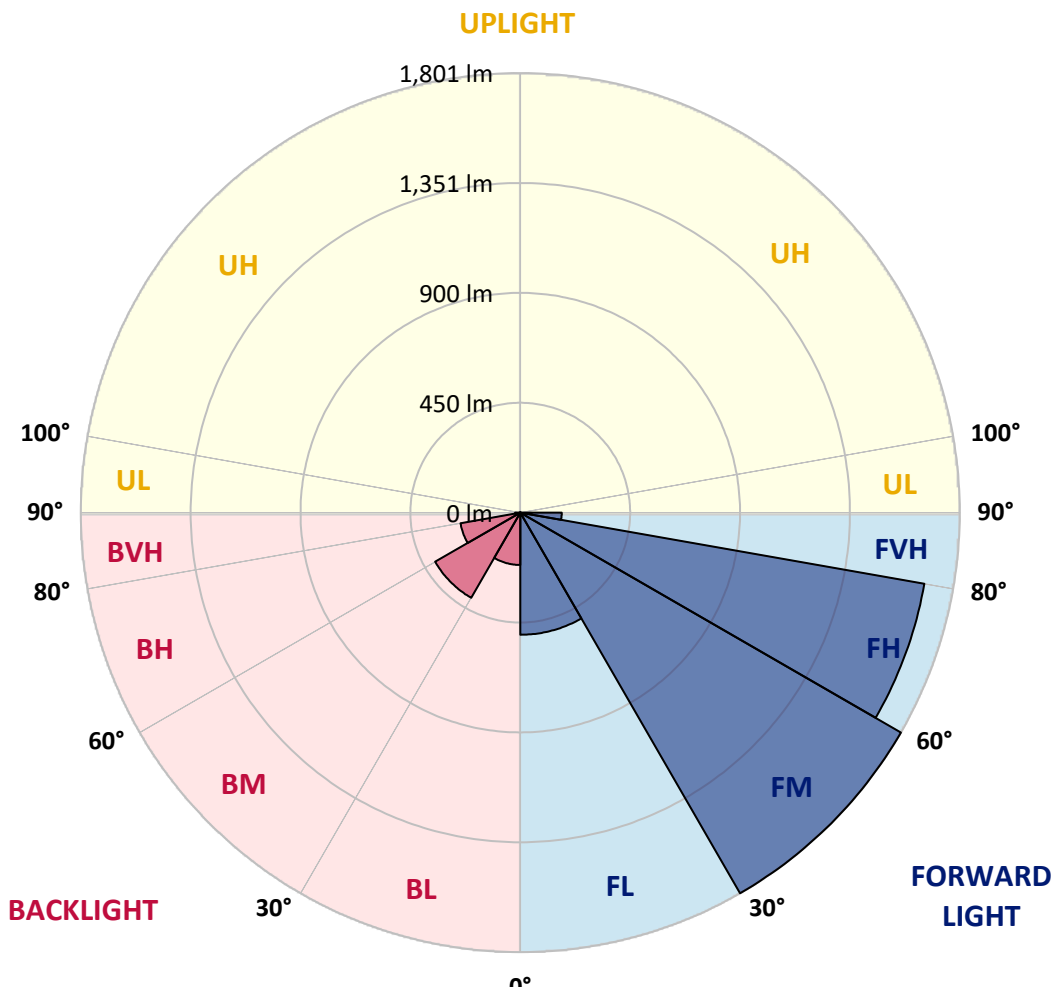
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	500.4	9.9			
FM (30°-60°)	1801.0	35.7			
FH (60°-80°)	1681.1	33.4			G1/1800
FVH (80°-90°)	169.7	3.4			G2/225
BL (0°-30°)	214.4	4.3	B1/500		
BM (30°-60°)	402.9	8.0	B1/1000		
BH (60°-80°)	248.9	4.9	B1/500		G1/500
BVH (80°-90°)	21.5	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4
2.5°	1636.6	1658.1	1673.1	1687.7	1699.3	1710.5	1727.1	1743.5	1746.8	1749.8	1743.3
5°	1626.9	1679.4	1724.3	1768.8	1810.0	1851.4	1876.2	1901.0	1905.9	1911.0	1895.5
7.5°	1522.8	1600.3	1677.9	1755.4	1826.6	1897.7	1941.1	1984.2	1994.1	2003.7	1978.3
10°	1404.2	1494.5	1589.8	1685.1	1778.8	1872.5	1935.2	1997.8	2010.3	2022.8	1991.2
12.5°	1314.2	1412.7	1514.5	1616.2	1715.1	1813.9	1878.8	1943.6	1959.2	1974.7	1951.7
15°	1279.5	1387.5	1483.2	1578.9	1665.2	1751.2	1804.4	1857.4	1863.9	1870.1	1866.5
17.5°	1314.2	1433.2	1519.9	1606.4	1653.3	1700.0	1721.4	1742.6	1749.6	1756.5	1765.7
20°	1415.5	1544.1	1605.1	1666.0	1663.9	1661.8	1651.5	1641.0	1639.1	1637.4	1663.6
22.5°	1560.2	1709.5	1733.9	1758.1	1701.4	1644.8	1610.4	1575.7	1568.9	1561.8	1589.6
25°	1730.1	1889.0	1884.6	1880.0	1772.2	1664.1	1598.5	1532.8	1525.1	1517.5	1541.3
27.5°	1914.9	2066.8	2037.7	2008.7	1862.3	1715.7	1620.5	1525.1	1517.5	1509.8	1530.7
30°	2059.3	2197.1	2150.6	2104.1	1938.3	1772.4	1659.2	1545.9	1533.4	1520.7	1546.5
32.5°	2181.6	2298.9	2236.4	2173.9	1999.9	1825.8	1703.2	1580.7	1561.2	1541.6	1576.1
35°	2308.9	2400.4	2312.6	2224.6	2054.8	1885.0	1755.4	1625.7	1601.7	1577.7	1625.1
37.5°	2452.2	2528.2	2402.0	2275.7	2116.7	1957.8	1833.6	1709.3	1684.7	1660.1	1720.6
40°	2603.5	2666.8	2498.6	2330.4	2184.5	2038.6	1941.8	1844.9	1821.6	1798.0	1871.3
42.5°	2735.9	2782.1	2588.4	2394.8	2266.0	2137.1	2069.0	2000.6	2000.4	2000.1	2074.5
45°	2835.7	2875.8	2663.4	2450.8	2345.7	2240.3	2204.8	2169.3	2197.7	2226.2	2293.4
47.5°	2918.5	2945.7	2726.3	2506.7	2436.7	2366.8	2372.1	2377.2	2435.1	2493.0	2536.3
50°	3013.2	2991.2	2783.3	2575.2	2553.6	2532.0	2579.2	2626.1	2692.6	2758.9	2788.3
52.5°	3115.8	3057.5	2860.6	2663.6	2687.8	2711.9	2807.8	2903.8	2970.9	3038.0	3049.1
55°	3300.1	3210.8	3003.0	2794.8	2841.3	2887.7	3028.5	3169.1	3221.6	3274.0	3277.9
57.5°	3507.9	3428.7	3202.2	2975.7	3025.7	3075.7	3238.3	3400.7	3457.3	3513.7	3505.8
60°	3587.8	3591.7	3391.4	3190.9	3241.3	3291.6	3450.0	3608.4	3673.5	3738.4	3721.0
62.5°	3507.2	3601.7	3494.7	3387.5	3433.3	3478.9	3634.0	3789.1	3855.8	3922.5	3892.4
65°	3347.9	3441.6	3489.6	3537.5	3552.6	3567.7	3712.6	3857.2	3908.4	3959.5	3944.1
67.5°	3145.2	3220.9	3397.9	3574.6	3544.1	3513.7	3581.6	3649.5	3702.2	3754.7	3746.0
70°	2910.4	3000.7	3236.7	3472.7	3323.1	3173.4	3145.4	3117.4	3174.2	3230.9	3195.7
72.5°	2489.5	2625.7	2877.4	3128.8	2853.4	2578.0	2482.3	2386.5	2458.5	2530.4	2474.6
75°	1880.4	2061.1	2339.2	2617.1	2288.5	1959.8	1832.0	1704.2	1766.2	1828.0	1789.7
77.5°	1307.7	1534.4	1808.2	2082.1	1748.0	1413.7	1318.8	1223.7	1242.3	1260.6	1254.1
80°	891.7	1040.8	1231.7	1422.6	1200.1	977.6	985.1	992.4	983.7	974.8	987.8
82.5°	559.1	664.2	811.6	958.9	840.9	722.8	790.5	858.1	825.0	791.4	803.9
85°	315.0	379.0	523.3	667.3	622.1	576.5	616.1	655.7	604.1	552.6	575.3
87.5°	60.0	100.0	289.5	479.0	434.8	390.7	339.5	288.3	220.0	151.7	221.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4
2.5°	1736.9	1733.5	1730.1	1717.8	1705.3	1686.8	1671.5	1644.8	1630.3	1608.3	1586.4
5°	1879.7	1858.0	1836.2	1798.8	1761.1	1719.2	1671.0	1617.6	1577.3	1524.9	1472.5
7.5°	1952.9	1902.2	1851.2	1779.2	1707.1	1642.2	1566.1	1495.1	1434.6	1366.5	1298.4
10°	1959.6	1883.4	1807.0	1713.5	1619.8	1541.1	1453.4	1374.6	1302.1	1223.9	1145.5
12.5°	1928.6	1847.5	1766.3	1663.4	1560.2	1470.7	1376.4	1288.2	1207.8	1121.7	1035.5
15°	1862.8	1798.2	1733.3	1636.8	1540.2	1450.0	1358.5	1253.9	1163.1	1074.9	986.7
17.5°	1774.8	1744.2	1713.4	1643.7	1573.7	1495.5	1406.8	1284.2	1177.7	1082.1	986.4
20°	1689.6	1700.9	1712.0	1684.1	1656.3	1593.7	1516.3	1378.5	1242.6	1117.5	992.2
22.5°	1617.3	1671.5	1725.4	1747.0	1768.3	1730.6	1670.2	1510.8	1331.1	1167.7	1004.3
25°	1564.8	1654.7	1744.5	1816.3	1887.8	1871.1	1824.6	1671.7	1448.4	1240.0	1031.5
27.5°	1551.7	1662.0	1772.2	1883.4	1994.4	2009.9	1997.1	1841.1	1588.2	1329.9	1071.4
30°	1572.3	1684.0	1795.4	1930.7	2065.9	2127.8	2145.1	1982.3	1748.0	1434.6	1121.2
32.5°	1610.6	1720.0	1829.4	1976.9	2124.2	2217.7	2272.9	2111.5	1859.4	1513.6	1167.7
35°	1672.4	1774.8	1877.2	2030.7	2184.3	2305.2	2405.9	2244.9	1958.4	1568.9	1179.1
37.5°	1780.8	1868.9	1956.9	2098.8	2240.5	2397.2	2548.6	2391.8	2065.4	1622.1	1178.6
40°	1944.6	2006.9	2069.0	2188.9	2308.6	2505.8	2710.2	2555.6	2183.6	1679.7	1175.7
42.5°	2148.8	2180.8	2212.6	2307.5	2402.5	2619.3	2856.8	2715.8	2296.4	1733.3	1170.1
45°	2360.5	2369.0	2377.5	2437.4	2497.0	2709.1	2956.7	2836.1	2395.0	1779.9	1164.5
47.5°	2579.4	2550.4	2521.3	2545.1	2568.9	2778.1	3028.1	2927.3	2493.9	1831.4	1168.7
50°	2817.7	2736.9	2656.1	2643.6	2631.1	2846.9	3112.1	3043.4	2612.8	1906.6	1200.4
52.5°	3060.0	2926.8	2793.6	2744.2	2694.7	2929.2	3223.5	3187.9	2782.5	2023.1	1263.4
55°	3282.0	3112.5	2943.1	2876.6	2810.1	3054.9	3359.6	3400.0	2999.9	2172.0	1343.8
57.5°	3497.8	3305.7	3113.7	3052.1	2990.5	3239.7	3531.8	3590.5	3219.5	2314.8	1409.8
60°	3703.7	3513.7	3323.5	3274.2	3224.6	3469.4	3718.0	3675.3	3332.8	2381.7	1430.4
62.5°	3862.1	3711.0	3559.8	3533.9	3507.7	3701.7	3861.1	3642.3	3260.8	2315.8	1370.8
65°	3928.8	3842.8	3756.5	3780.9	3805.1	3877.4	3896.8	3545.6	3034.7	2131.2	1227.7
67.5°	3737.2	3754.7	3772.2	3874.6	3976.7	3926.9	3790.7	3355.0	2713.0	1869.7	1026.5
70°	3160.5	3265.7	3370.6	3612.8	3854.9	3744.4	3506.9	3012.8	2325.7	1568.5	811.1
72.5°	2418.6	2536.8	2654.9	3014.4	3373.6	3271.9	2981.0	2474.6	1864.7	1252.5	640.2
75°	1751.2	1884.8	2018.2	2414.7	2811.3	2670.0	2229.7	1771.8	1416.3	956.1	495.7
77.5°	1247.5	1336.9	1426.4	1818.1	2209.6	1979.5	1484.2	1192.3	980.3	664.5	348.6
80°	1000.6	973.2	945.9	1164.1	1382.3	1344.0	981.7	765.7	678.4	445.3	212.2
82.5°	816.2	749.4	682.5	785.2	888.0	882.4	681.2	561.8	504.9	309.5	114.0
85°	597.8	571.1	544.3	635.1	726.0	648.5	461.4	357.1	393.7	227.9	62.1
87.5°	291.6	333.1	374.3	481.5	588.5	441.9	140.1	69.3	95.9	63.0	30.1
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: P385719
 CATALOG NUMBER: GWC-SA1B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385719

CATALOG NUMBER: GWC-SA1B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4
2.5°	1570.1	1553.6	1534.8	1516.1	1494.7	1473.2	1460.5	1447.6	1433.7	1419.8	1404.0
5°	1437.9	1403.3	1363.9	1324.6	1285.7	1246.9	1225.9	1205.0	1182.8	1160.4	1141.1
7.5°	1248.1	1197.5	1143.1	1088.5	1040.1	991.5	961.6	931.3	903.9	876.4	853.2
10°	1081.1	1016.5	961.9	907.2	870.6	834.2	806.6	778.9	752.4	725.6	700.0
12.5°	971.1	906.5	871.9	837.2	807.0	776.8	744.9	712.9	676.5	639.7	613.0
15°	928.1	869.5	831.0	792.3	751.8	711.1	671.9	632.9	589.8	546.6	516.2
17.5°	909.5	832.8	778.9	725.0	671.6	618.2	572.8	527.6	480.4	433.2	402.4
20°	890.0	787.9	715.7	643.4	574.9	506.3	454.9	403.6	361.5	319.4	295.8
22.5°	872.3	740.1	649.6	558.9	478.0	397.0	346.5	296.0	270.2	244.4	234.9
25°	865.0	698.3	587.1	475.9	390.5	304.8	269.0	233.2	223.3	213.1	208.4
27.5°	866.2	661.1	534.6	407.8	330.9	253.9	229.3	204.7	198.7	192.4	189.4
30°	870.9	620.7	485.0	349.4	286.0	222.4	206.6	190.4	183.9	177.5	173.7
32.5°	876.1	584.3	446.7	308.9	257.1	205.2	192.0	178.8	172.5	166.3	162.4
35°	867.1	554.7	420.6	286.3	238.6	190.6	179.5	168.2	161.4	154.5	151.0
37.5°	851.7	524.9	400.2	275.2	226.5	177.5	169.5	161.2	154.2	146.9	143.4
40°	837.8	499.8	385.1	270.2	219.8	169.3	162.4	155.6	148.3	140.8	136.8
42.5°	826.6	482.8	370.1	257.5	213.8	169.8	160.2	150.3	143.3	136.2	131.8
45°	818.1	471.7	358.5	245.2	208.2	171.1	158.8	146.5	139.4	132.2	126.9
47.5°	817.3	465.8	350.2	234.6	197.5	160.2	155.2	150.1	139.9	129.4	123.3
50°	828.4	456.4	340.5	224.5	187.2	149.9	156.8	163.5	145.9	128.1	120.5
52.5°	851.6	439.6	325.2	210.8	174.7	138.5	149.1	159.6	144.5	129.2	119.3
55°	879.6	415.1	302.0	188.8	158.2	127.4	136.8	146.1	136.6	126.9	115.1
57.5°	897.0	384.0	272.8	161.6	139.6	117.7	123.2	128.3	124.6	120.7	108.6
60°	886.6	342.8	240.0	137.1	123.3	109.6	108.6	107.4	113.0	118.6	104.7
62.5°	835.4	300.0	211.0	121.9	111.6	101.2	98.9	96.5	105.8	114.9	100.1
65°	749.0	270.2	192.7	115.1	103.6	92.1	89.7	87.3	90.1	92.9	86.0
67.5°	639.2	251.9	182.1	112.4	98.5	84.5	81.6	78.8	78.2	77.6	75.2
70°	525.9	240.6	175.3	110.0	93.1	76.0	73.4	70.7	69.9	69.0	67.1
72.5°	439.6	239.2	174.5	109.8	88.7	67.5	65.1	62.7	61.6	60.4	59.0
75°	360.1	224.5	165.6	106.8	82.6	58.2	56.0	53.8	53.0	51.9	50.8
77.5°	267.2	185.8	139.2	92.7	70.7	48.8	46.5	44.2	44.0	43.5	42.6
80°	173.3	134.4	99.6	64.7	51.6	38.3	36.4	34.5	34.7	34.9	34.1
82.5°	96.3	78.3	60.9	43.3	35.2	27.2	26.4	25.4	26.0	26.4	25.4
85°	50.8	39.5	32.6	25.8	20.4	14.9	14.9	14.7	15.5	16.3	15.5
87.5°	22.0	13.9	11.9	9.7	5.4	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: P385719
 CATALOG NUMBER: GWC-SA1B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385719

CATALOG NUMBER: GWC-SA1B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4
2.5°	1388.1	1373.4	1358.5	1342.2	1345.2	1332.7	1320.2	1312.3	1304.5	1302.1	1299.7
5°	1121.7	1105.0	1088.1	1073.0	1086.0	1077.2	1068.4	1067.2	1065.7	1065.7	1065.6
7.5°	830.0	812.0	793.9	781.4	794.3	792.7	791.1	799.7	808.4	815.5	822.3
10°	674.4	652.7	630.7	612.1	608.9	599.6	590.2	592.2	594.0	601.7	609.3
12.5°	586.2	560.2	534.1	512.4	502.6	487.3	471.7	462.0	452.3	453.4	454.2
15°	485.6	460.4	435.0	416.3	410.0	398.1	386.3	374.2	361.9	356.9	351.6
17.5°	371.3	351.2	330.9	318.4	318.4	315.0	311.5	305.5	299.2	294.2	289.0
20°	272.2	261.5	250.6	245.5	247.1	247.2	247.2	250.3	253.3	251.7	250.1
22.5°	225.3	221.4	217.7	215.4	216.2	216.4	216.6	219.4	222.1	224.0	225.9
25°	203.3	200.9	198.5	197.6	199.5	199.7	199.7	201.5	203.3	205.4	207.3
27.5°	186.2	185.2	184.2	182.7	184.6	184.6	184.4	186.4	188.2	190.0	191.6
30°	169.8	170.3	170.5	170.0	171.3	172.1	172.7	174.1	175.3	176.7	178.1
32.5°	158.4	157.8	157.2	156.8	159.4	160.8	162.2	163.6	164.9	165.4	166.0
35°	147.3	145.9	144.5	143.4	145.9	147.7	149.6	152.1	154.5	154.9	155.4
37.5°	139.9	138.0	136.2	135.0	136.0	136.8	137.6	140.4	143.3	144.9	146.3
40°	132.8	131.0	129.2	128.1	128.8	129.0	129.2	130.6	131.8	134.8	137.6
42.5°	127.1	124.9	122.7	121.5	121.9	122.3	122.5	122.3	122.1	124.9	127.8
45°	121.5	119.1	116.7	115.3	115.5	115.5	115.5	115.1	114.4	115.8	117.2
47.5°	117.0	114.2	111.4	110.0	109.6	109.3	108.8	108.6	108.2	109.3	110.0
50°	112.6	109.6	106.4	104.7	103.8	103.3	103.0	102.8	102.4	103.3	104.2
52.5°	109.3	105.6	101.9	99.3	98.4	97.7	97.1	97.3	97.3	97.7	97.9
55°	103.1	100.0	96.5	94.7	92.9	92.5	92.1	92.7	93.1	93.1	93.1
57.5°	96.5	93.5	90.3	89.1	87.5	87.5	87.3	88.0	88.7	89.1	89.4
60°	90.7	87.3	83.8	82.9	82.2	82.0	81.8	82.9	83.6	84.5	85.2
62.5°	85.2	81.6	78.0	76.7	76.6	76.7	76.7	77.8	78.6	79.4	80.2
65°	79.2	75.5	71.8	70.5	70.9	71.5	72.1	72.9	73.6	74.3	75.2
67.5°	72.5	69.5	66.3	65.1	65.3	66.1	66.9	67.5	67.9	68.7	69.5
70°	65.3	62.7	60.0	59.3	59.0	60.0	60.9	61.2	61.6	62.7	63.5
72.5°	57.4	55.2	53.0	52.4	52.6	53.2	53.8	54.4	54.8	55.8	56.6
75°	49.4	47.3	45.4	44.9	45.4	45.9	46.5	47.0	47.3	48.6	49.6
77.5°	41.5	39.3	36.9	36.6	37.3	37.9	38.3	38.9	39.5	41.1	42.7
80°	33.3	30.8	28.2	28.0	28.7	29.2	29.8	30.4	31.0	33.1	34.9
82.5°	24.4	21.6	18.7	18.3	20.4	20.9	21.6	22.5	23.4	25.2	27.0
85°	14.7	11.9	9.1	8.8	10.7	11.6	12.7	13.9	14.9	16.5	18.1
87.5°	1.6	0.8	0.0	0.0	0.2	1.0	1.8	2.8	3.9	5.4	6.9
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: P385719
 CATALOG NUMBER: GWC-SA1B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385719
 CATALOG NUMBER: GWC-SA1B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4
2.5°	1290.8	1281.7	1291.0	1300.0	1303.9	1307.7	1297.9	1287.8	1303.5	1319.0	1323.0
5°	1057.5	1049.2	1055.4	1061.5	1048.0	1034.5	1033.1	1031.5	1043.2	1054.8	1056.6
7.5°	819.7	817.1	822.9	828.7	811.6	794.3	785.8	777.3	780.2	783.0	782.6
10°	611.2	612.8	620.0	627.0	613.8	600.5	594.6	588.8	595.2	601.5	607.3
12.5°	457.8	461.2	468.9	476.4	470.9	465.3	465.8	466.5	473.9	481.2	487.6
15°	355.7	359.7	365.1	370.3	370.6	370.6	375.8	380.8	380.3	379.6	384.0
17.5°	294.4	299.7	300.2	300.8	301.1	301.3	300.8	300.4	297.4	294.4	297.8
20°	252.0	253.9	255.5	256.9	255.1	253.1	248.0	243.0	241.0	239.0	242.2
22.5°	229.3	232.5	230.9	229.1	225.5	221.6	217.8	213.8	213.6	213.1	215.0
25°	210.1	212.8	210.0	207.1	204.5	201.9	199.2	196.6	196.4	196.2	197.1
27.5°	194.3	196.6	194.1	191.4	189.2	187.0	185.0	183.0	182.5	182.1	182.3
30°	180.6	182.7	180.6	178.1	176.5	174.7	173.3	171.9	171.7	171.4	171.4
32.5°	168.2	170.5	168.8	167.2	165.8	164.4	163.5	162.4	161.4	160.4	158.2
35°	157.5	159.8	158.8	157.5	155.9	154.3	152.6	150.5	147.9	145.0	143.9
37.5°	148.5	150.7	149.7	148.7	146.5	144.3	141.0	137.6	136.8	135.8	135.6
40°	141.3	144.7	142.7	140.4	137.1	133.6	132.0	130.4	130.0	129.5	129.2
42.5°	133.2	138.5	134.8	131.1	127.9	124.8	124.3	123.9	123.7	123.5	123.5
45°	123.2	128.8	125.1	121.3	119.5	117.7	117.7	117.7	117.9	117.9	118.3
47.5°	113.7	117.0	115.3	113.5	112.4	111.4	111.6	111.8	112.4	112.8	113.9
50°	105.6	106.8	107.2	107.4	106.8	106.2	106.6	106.8	107.4	107.8	108.6
52.5°	99.8	101.5	101.5	101.4	101.4	101.4	101.7	102.2	102.8	103.3	104.2
55°	95.9	98.5	97.7	96.9	97.1	97.1	97.5	97.9	98.5	98.9	100.1
57.5°	92.2	95.1	94.3	93.5	93.5	93.5	93.7	93.9	94.5	94.9	95.7
60°	88.0	90.8	90.1	89.1	89.2	89.4	89.7	89.7	90.1	90.3	90.3
62.5°	83.0	85.9	85.0	84.0	84.6	85.0	85.0	85.0	85.4	85.7	85.0
65°	77.8	80.4	79.6	78.8	79.6	80.2	80.6	80.8	80.6	80.4	79.8
67.5°	72.1	74.8	73.9	72.9	73.9	74.8	75.5	76.2	75.5	75.0	74.1
70°	66.1	68.7	67.7	66.7	67.7	68.7	69.5	70.4	69.5	68.7	68.5
72.5°	59.7	62.7	61.4	60.2	61.4	62.7	63.0	63.5	62.8	62.3	61.9
75°	52.6	55.6	54.6	53.4	54.4	55.4	55.6	55.8	55.8	55.6	54.4
77.5°	45.1	47.5	47.0	46.3	47.0	47.5	47.5	47.5	47.7	47.7	46.1
80°	36.3	37.7	37.9	38.0	38.3	38.5	38.3	38.0	37.7	37.3	36.3
82.5°	27.0	27.0	28.7	30.1	30.1	29.8	29.6	29.2	28.4	27.4	25.2
85°	17.1	16.2	18.7	21.1	21.1	20.9	20.6	19.9	18.3	16.5	14.7
87.5°	5.8	4.8	7.4	10.1	10.2	10.2	9.9	9.5	7.9	6.0	4.6
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: P385719
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385719

CATALOG NUMBER: GWC-SA1B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4
2.5°	1329.1	1331.7	1334.1	1353.9	1373.4	1396.4	1419.3	1436.9	1454.2	1472.1	1490.1
5°	1062.9	1066.1	1069.3	1093.4	1117.1	1149.2	1181.2	1208.8	1236.4	1268.8	1301.2
7.5°	787.9	794.9	801.8	827.3	852.8	887.2	921.5	957.5	993.4	1035.7	1078.0
10°	618.8	632.1	645.2	671.4	697.6	731.6	765.5	803.2	840.9	882.6	924.1
12.5°	500.9	518.6	536.2	567.6	599.1	639.7	680.2	722.2	763.9	800.6	837.2
15°	395.8	415.1	434.2	467.4	500.7	545.4	589.9	635.7	681.2	725.2	769.1
17.5°	308.7	324.7	340.3	368.5	396.5	439.8	483.2	531.1	579.1	632.7	686.1
20°	249.0	255.7	262.4	282.7	302.9	338.1	373.1	422.2	471.1	535.2	599.2
22.5°	218.2	221.6	224.9	234.8	244.4	267.2	289.7	333.1	376.2	446.1	515.8
25°	199.7	202.3	204.9	211.4	217.8	228.7	239.5	270.0	300.4	369.2	437.7
27.5°	183.0	187.0	190.8	193.8	196.6	204.1	211.4	231.3	251.3	315.4	379.2
30°	170.9	172.3	173.7	178.3	182.7	190.4	198.1	212.0	225.9	280.1	334.0
32.5°	156.8	158.8	160.8	165.6	170.5	177.5	184.6	195.9	206.9	253.3	299.4
35°	144.1	146.1	148.1	152.9	157.5	165.2	172.7	182.1	191.4	231.7	272.0
37.5°	136.2	138.2	140.3	144.5	148.5	156.1	163.6	171.1	178.3	215.6	252.9
40°	129.5	131.6	133.6	137.6	141.5	148.9	156.1	162.4	168.6	203.5	238.4
42.5°	123.7	126.0	128.1	132.2	136.0	142.7	149.3	157.5	165.6	193.0	220.2
45°	118.9	121.1	123.2	127.6	132.0	138.5	144.9	156.4	167.9	187.6	207.3
47.5°	114.4	116.9	119.1	123.9	128.8	136.8	144.7	154.3	163.8	183.4	202.9
50°	110.2	113.0	115.8	121.7	127.4	140.8	154.2	155.6	156.8	179.9	202.9
52.5°	106.2	109.4	112.6	119.9	126.9	142.7	158.4	153.3	148.1	173.5	198.9
55°	102.2	105.0	107.6	116.5	125.3	136.8	148.3	141.7	134.8	161.4	188.0
57.5°	96.8	99.8	102.6	112.1	121.5	129.5	137.4	131.4	125.1	147.7	170.0
60°	91.1	94.5	97.9	110.0	121.9	120.5	118.9	117.7	116.3	132.4	148.5
62.5°	86.0	89.7	93.3	109.0	124.8	115.1	105.4	106.4	107.2	119.1	131.0
65°	81.0	84.6	88.0	95.9	103.8	100.0	96.1	97.7	99.1	110.8	122.5
67.5°	75.3	78.6	81.6	84.3	86.8	87.3	87.6	89.2	90.8	104.7	118.5
70°	69.1	71.8	74.3	76.2	77.8	78.6	79.2	81.2	83.2	98.4	113.5
72.5°	62.1	64.3	66.3	67.9	69.5	70.1	70.5	72.5	74.6	90.7	106.8
75°	54.4	56.2	57.9	59.3	60.7	61.4	62.3	63.7	65.1	82.6	100.0
77.5°	45.9	47.7	49.4	50.5	51.6	52.4	53.0	54.8	56.6	71.3	85.9
80°	35.9	38.0	40.1	41.1	41.9	42.1	42.1	43.7	45.4	55.8	66.1
82.5°	25.4	27.8	30.1	30.8	31.7	31.7	31.7	33.4	35.2	42.3	49.1
85°	14.9	17.6	19.9	20.8	21.6	22.0	22.2	23.0	23.6	28.7	33.4
87.5°	4.6	6.9	8.8	9.3	9.7	10.5	11.3	11.5	11.5	14.9	18.3
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: P385719

CATALOG NUMBER: GWC-SA1B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385719

CATALOG NUMBER: GWC-SA1B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4	1535.4
2.5°	1510.6	1531.2	1555.2	1578.9	1599.3	1619.6	1636.6
5°	1342.6	1383.9	1434.5	1484.8	1529.8	1574.7	1626.9
7.5°	1131.4	1184.8	1250.3	1315.8	1379.2	1442.5	1522.8
10°	978.5	1032.7	1102.0	1171.1	1242.4	1313.6	1404.2
12.5°	881.3	925.3	992.4	1059.4	1143.3	1226.9	1314.2
15°	817.3	865.3	930.6	995.8	1087.4	1179.1	1279.5
17.5°	749.0	811.6	895.2	978.8	1087.4	1195.8	1314.2
20°	677.4	755.5	863.9	972.3	1118.5	1264.6	1415.5
22.5°	606.1	696.4	835.4	974.2	1165.5	1356.5	1560.2
25°	541.8	646.0	818.1	989.9	1233.8	1477.4	1730.1
27.5°	493.1	606.8	811.1	1015.1	1320.4	1625.7	1914.9
30°	449.8	565.4	802.5	1039.7	1403.8	1767.8	2059.3
32.5°	412.3	525.1	786.3	1047.1	1462.1	1876.9	2181.6
35°	382.8	493.7	758.8	1024.0	1498.5	1973.1	2308.9
37.5°	357.4	462.0	727.7	993.2	1531.0	2068.7	2452.2
40°	333.3	428.2	700.8	973.2	1575.7	2178.2	2603.5
42.5°	310.3	400.4	679.3	958.1	1617.3	2276.2	2735.9
45°	293.2	379.0	660.1	941.0	1644.0	2347.1	2835.7
47.5°	284.7	366.4	649.9	933.1	1670.8	2408.3	2918.5
50°	283.5	364.1	661.5	958.9	1728.9	2498.6	3013.2
52.5°	283.3	367.8	695.2	1022.6	1836.6	2650.5	3115.8
55°	279.1	369.9	735.3	1100.4	1981.4	2862.1	3300.1
57.5°	266.2	362.3	776.6	1190.7	2134.3	3077.6	3507.9
60°	246.2	343.7	810.6	1277.3	2237.1	3196.6	3587.8
62.5°	221.2	311.3	821.9	1332.3	2234.3	3136.1	3507.2
65°	199.9	277.2	784.9	1292.2	2121.2	2949.9	3347.9
67.5°	180.9	243.2	692.1	1140.9	1917.9	2694.7	3145.2
70°	167.2	220.9	572.7	924.5	1663.4	2402.0	2910.4
72.5°	158.6	210.1	466.9	723.3	1349.8	1976.1	2489.5
75°	146.7	193.4	366.4	539.0	1033.1	1527.2	1880.4
77.5°	124.6	163.0	276.1	389.1	758.0	1126.8	1307.7
80°	96.1	126.0	189.9	253.7	521.6	789.7	891.7
82.5°	68.5	87.8	115.1	142.2	346.5	550.7	559.1
85°	42.3	51.2	65.9	80.6	229.3	378.0	315.0
87.5°	22.7	27.2	34.9	42.3	73.4	104.4	60.0
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: P385719
 CATALOG NUMBER: GWC-SA1B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report



Report Generated By 670245982

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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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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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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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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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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
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Scaled Data Report



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