

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: P385691

Luminaire Tested: **GWC-SA1B-730-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P385691
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-730-U-SLL
Description: GALLEON WALL LUMINAIRE
(1) 70 CRI, 3000K, 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: 4886 lumens
Efficiency: N/A
Efficacy: 111.0 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

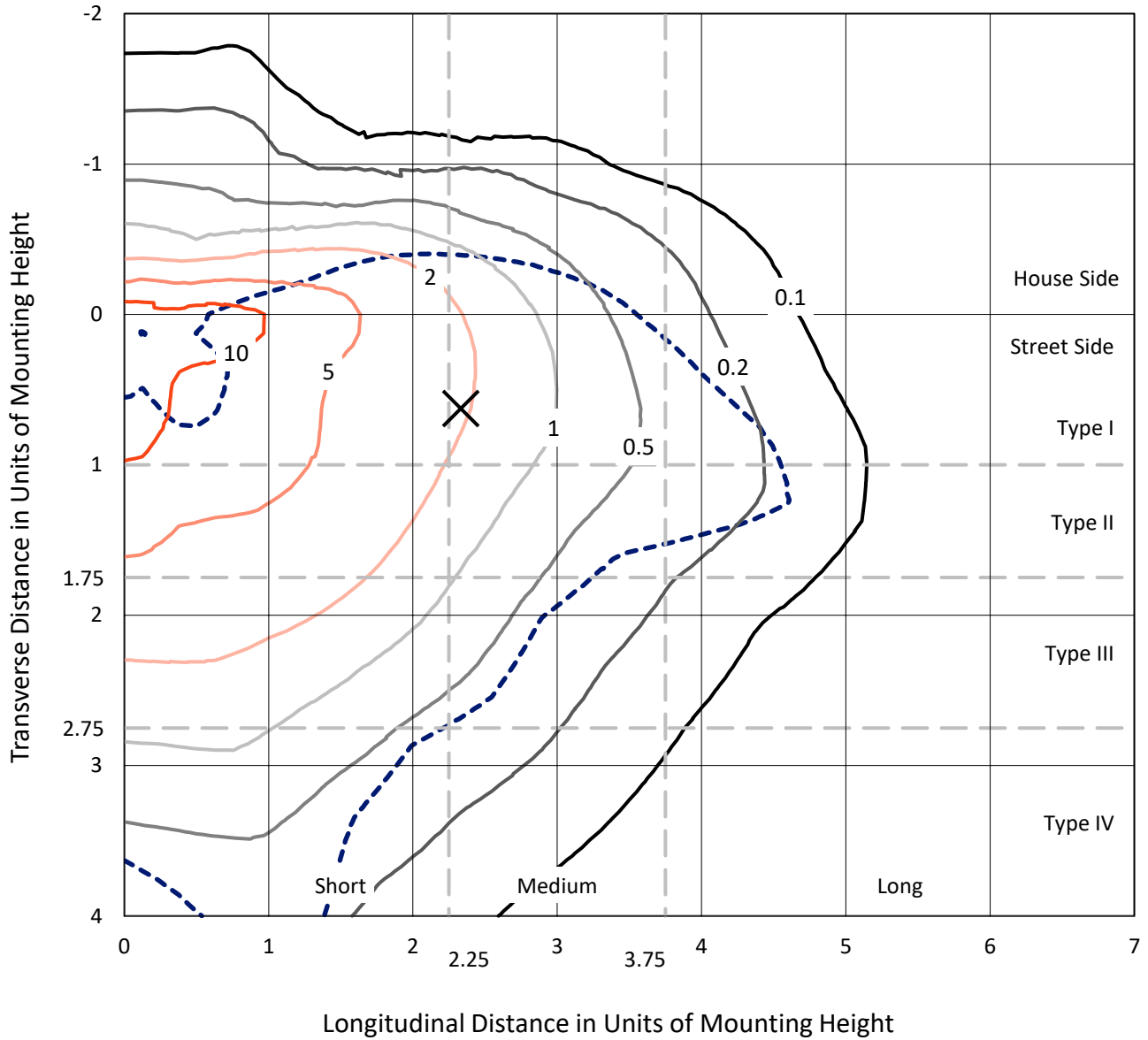
Input Watts (W): 44
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P385691
 CATALOG NUMBER: GWC-SA1B-730-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

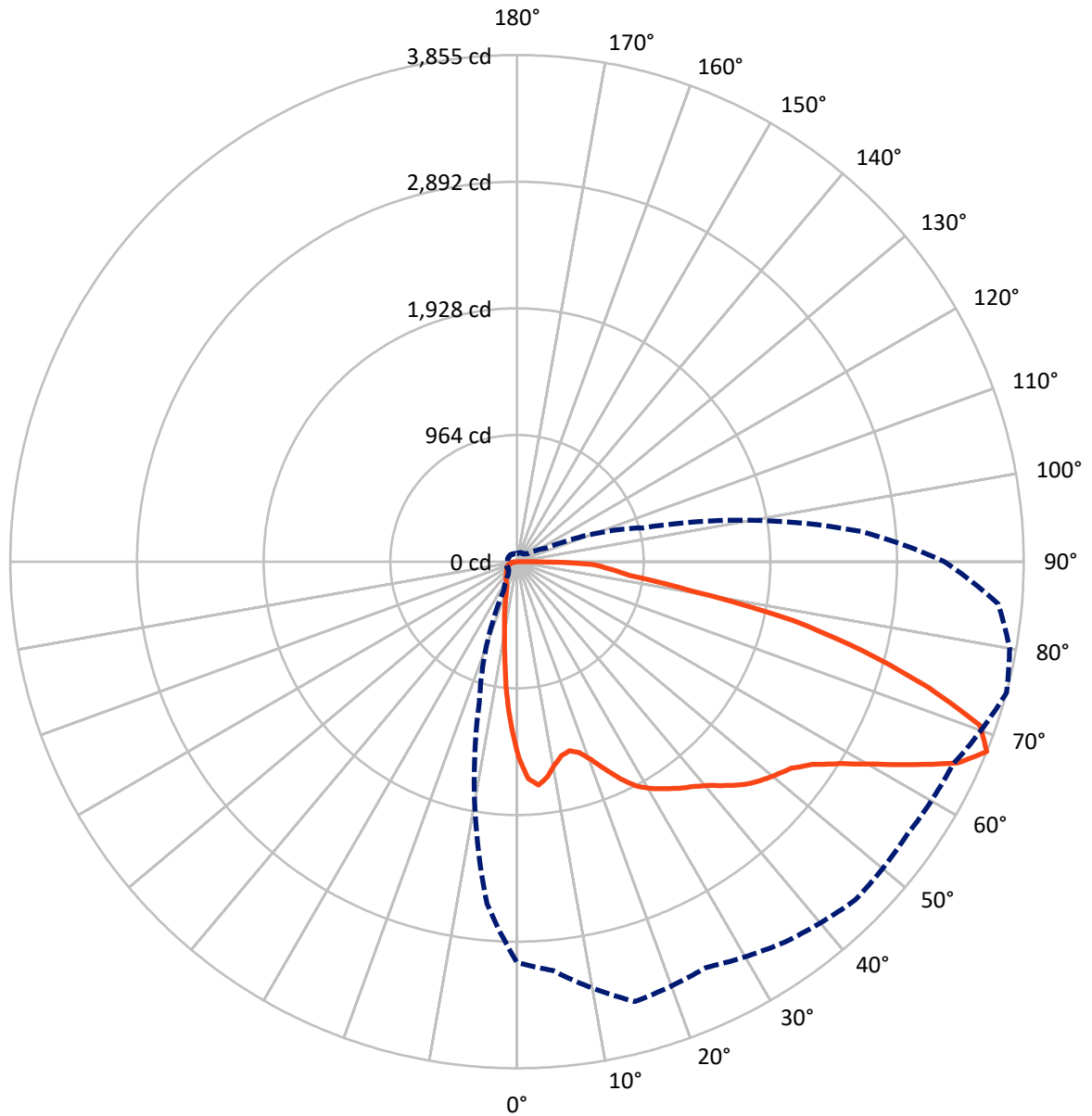
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 18.7 fc
 Type III - Medium - N/A

REPORT NUMBER: P385691
CATALOG NUMBER: GWC-SA1B-730-U-SLL

Luminous Intensity Polar Plot



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

REPORT NUMBER: P385691

CATALOG NUMBER: GWC-SA1B-730-U-SLL

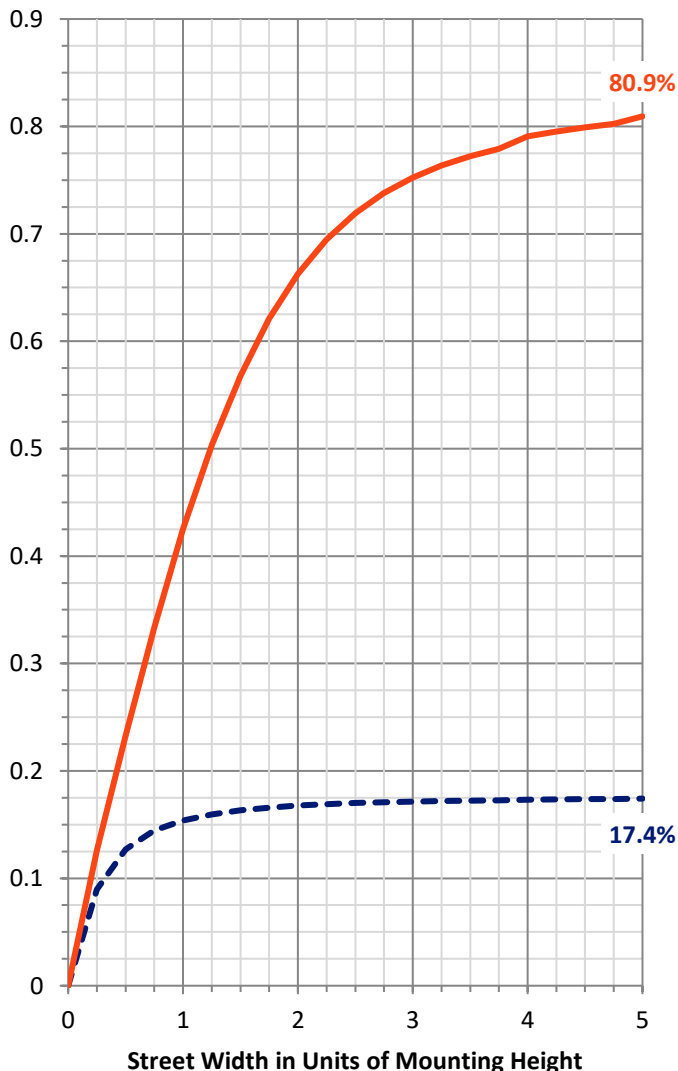
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	860.5	0.0	860.5
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	4025.5	0.0	4025.5
	% Fixture	82.4	0.0	82.4
Total	Lumens	4886.0	0.0	4886.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.9	2.4
10°-20°	238.7	4.9
20°-30°	339.4	6.9
30°-40°	489.1	10.0
40°-50°	689.3	14.1
50°-60°	958.2	19.6
60°-70°	1158.8	23.7
70°-80°	712.3	14.6
80°-90°	185.4	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°	4886.0	100.0
0°-180°	4886.0	100.0

Coefficient of Utilization



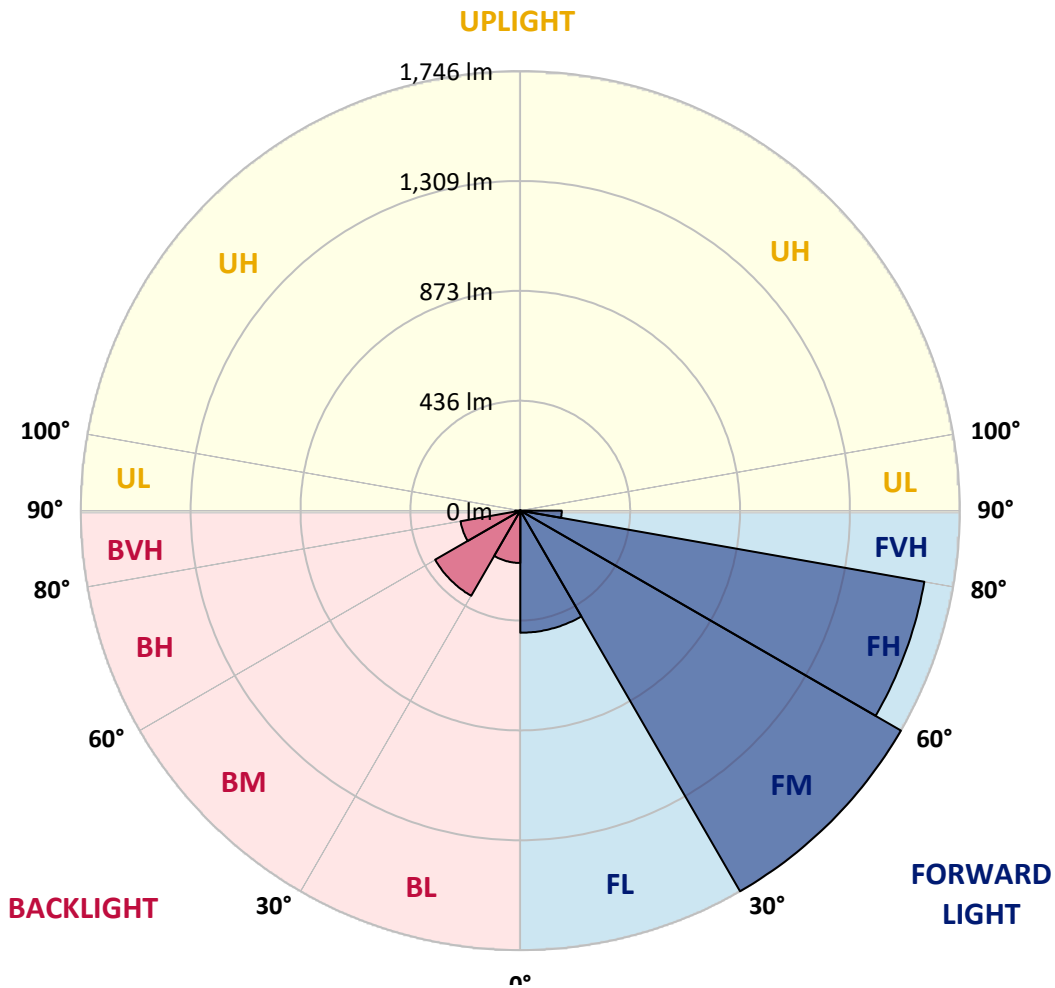
REPORT NUMBER: P385691

CATALOG NUMBER: GWC-SA1B-730-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	485.1	9.9			
FM (30°-60°)	1746.0	35.7			
FH (60°-80°)	1629.8	33.4			G1/1800
FVH (80°-90°)	164.5	3.4			G2/225
BL (0°-30°)	207.8	4.3	B1/500		
BM (30°-60°)	390.6	8.0	B1/1000		
BH (60°-80°)	241.3	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





REPORT NUMBER: P385691

CATALOG NUMBER: GWC-SA1B-730-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5
2.5°	1586.6	1607.5	1622.0	1636.2	1647.4	1658.3	1674.3	1690.3	1693.5	1696.4	1690.1
5°	1577.2	1628.2	1671.6	1714.8	1754.8	1794.8	1818.9	1842.9	1847.8	1852.7	1837.6
7.5°	1476.2	1551.4	1626.7	1701.9	1770.8	1839.8	1881.8	1923.6	1933.2	1942.5	1917.9
10°	1361.4	1448.9	1541.3	1633.7	1724.5	1815.4	1876.1	1936.9	1949.0	1961.1	1930.4
12.5°	1274.1	1369.6	1468.2	1566.9	1662.8	1758.5	1821.4	1884.3	1899.4	1914.4	1892.1
15°	1240.5	1345.2	1437.9	1530.7	1614.3	1697.8	1749.3	1800.7	1807.0	1813.0	1809.5
17.5°	1274.1	1389.5	1473.5	1557.3	1602.8	1648.1	1668.8	1689.4	1696.2	1702.8	1711.8
20°	1372.3	1496.9	1556.1	1615.1	1613.2	1611.0	1601.1	1590.9	1589.1	1587.4	1612.8
22.5°	1512.6	1657.3	1681.0	1704.4	1649.5	1594.6	1561.2	1527.6	1521.0	1514.1	1541.1
25°	1677.2	1831.4	1827.1	1822.6	1718.1	1613.4	1549.7	1486.0	1478.6	1471.2	1494.2
27.5°	1856.4	2003.7	1975.5	1947.4	1805.4	1663.4	1571.0	1478.6	1471.2	1463.7	1484.0
30°	1996.4	2130.1	2084.9	2039.8	1879.0	1718.3	1608.5	1498.7	1486.6	1474.3	1499.3
32.5°	2115.0	2228.7	2168.2	2107.6	1938.8	1770.0	1651.3	1532.5	1513.5	1494.6	1528.0
35°	2238.5	2327.2	2242.0	2156.6	1992.1	1827.5	1701.9	1576.1	1552.8	1529.6	1575.5
37.5°	2377.4	2451.0	2328.7	2206.2	2052.1	1898.0	1777.7	1657.1	1633.3	1609.5	1668.1
40°	2524.1	2585.4	2422.3	2259.2	2117.8	1976.3	1882.6	1788.6	1765.9	1743.1	1814.2
42.5°	2652.4	2697.2	2509.4	2321.7	2196.9	2071.8	2005.8	1939.6	1939.4	1939.0	2011.1
45°	2749.1	2788.0	2582.1	2376.0	2274.0	2171.9	2137.5	2103.1	2130.6	2158.2	2223.4
47.5°	2829.4	2855.8	2643.0	2430.1	2362.3	2294.5	2299.6	2304.7	2360.8	2416.8	2458.8
50°	2921.2	2899.9	2698.3	2496.5	2475.6	2454.7	2500.4	2546.0	2610.4	2674.7	2703.2
52.5°	3020.6	2964.2	2773.3	2582.3	2605.7	2629.2	2722.2	2815.1	2880.2	2945.2	2956.0
55°	3199.4	3112.9	2911.3	2709.5	2754.6	2799.5	2936.1	3072.4	3123.2	3174.0	3177.9
57.5°	3400.8	3324.0	3104.5	2884.9	2933.3	2981.8	3139.4	3296.9	3351.8	3406.5	3398.8
60°	3478.3	3482.1	3287.9	3093.5	3142.3	3191.2	3344.7	3498.3	3561.4	3624.3	3607.5
62.5°	3400.2	3491.8	3388.1	3284.2	3328.5	3372.7	3523.1	3673.5	3738.2	3802.8	3773.5
65°	3245.7	3336.5	3383.0	3429.5	3444.2	3458.8	3599.3	3739.5	3789.1	3838.6	3823.7
67.5°	3049.2	3122.6	3294.1	3465.5	3436.0	3406.5	3472.3	3538.1	3589.1	3640.1	3631.7
70°	2821.6	2909.1	3137.9	3366.6	3221.7	3076.5	3049.4	3022.2	3077.3	3132.2	3098.2
72.5°	2413.5	2545.6	2789.6	3033.3	2766.3	2499.3	2406.5	2313.7	2383.4	2453.2	2399.1
75°	1823.0	1998.2	2267.8	2537.2	2218.6	1899.9	1776.1	1652.2	1712.2	1772.2	1735.1
77.5°	1267.8	1487.6	1753.0	2018.5	1694.6	1370.6	1278.5	1186.3	1204.3	1222.1	1215.8
80°	864.4	1009.0	1194.2	1379.1	1163.5	947.8	955.1	962.1	953.7	945.1	957.6
82.5°	542.1	643.9	786.9	929.7	815.2	700.7	766.3	832.0	799.7	767.3	779.4
85°	305.3	367.4	507.3	647.0	603.0	558.9	597.4	635.7	585.6	535.6	557.7
87.5°	58.2	96.9	280.7	464.3	421.6	378.8	329.2	279.5	213.3	147.1	214.9
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: P385691
 CATALOG NUMBER: GWC-SA1B-730-U-SLL

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P385691

CATALOG NUMBER: GWC-SA1B-730-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5
2.5°	1683.9	1680.6	1677.2	1665.3	1653.2	1635.2	1620.4	1594.6	1580.6	1559.3	1538.0
5°	1822.4	1801.3	1780.2	1743.9	1707.3	1666.7	1620.0	1568.2	1529.2	1478.4	1427.6
7.5°	1893.3	1844.1	1794.7	1724.9	1655.0	1592.1	1518.2	1449.5	1390.9	1324.8	1258.8
10°	1899.7	1825.9	1751.9	1661.2	1570.4	1494.0	1409.0	1332.7	1262.3	1186.5	1110.5
12.5°	1869.7	1791.1	1712.4	1612.6	1512.6	1425.8	1334.4	1248.9	1170.9	1087.5	1003.9
15°	1806.0	1743.3	1680.4	1586.8	1493.2	1405.7	1317.0	1215.6	1127.5	1042.2	956.6
17.5°	1720.6	1690.9	1661.0	1593.4	1525.7	1449.9	1363.9	1244.9	1141.8	1049.0	956.2
20°	1638.0	1648.9	1659.7	1632.7	1605.8	1545.0	1470.0	1336.4	1204.7	1083.4	961.9
22.5°	1567.9	1620.4	1672.8	1693.7	1714.4	1677.8	1619.2	1464.7	1290.5	1132.0	973.6
25°	1517.1	1604.2	1691.3	1760.9	1830.2	1814.0	1768.9	1620.6	1404.2	1202.2	1000.0
27.5°	1504.4	1611.2	1718.1	1825.9	1933.5	1948.6	1936.1	1784.9	1539.7	1289.3	1038.7
30°	1524.3	1632.5	1740.5	1871.8	2002.9	2062.9	2079.7	1921.8	1694.6	1390.9	1086.9
32.5°	1561.4	1667.5	1773.6	1916.5	2059.3	2150.0	2203.5	2047.0	1802.7	1467.4	1132.0
35°	1621.4	1720.6	1819.9	1968.7	2117.6	2234.8	2332.4	2176.4	1898.6	1521.0	1143.2
37.5°	1726.5	1811.8	1897.2	2034.7	2172.1	2324.0	2470.7	2318.8	2002.3	1572.5	1142.6
40°	1885.3	1945.7	2005.8	2122.1	2238.1	2429.3	2627.4	2477.6	2117.0	1628.4	1139.8
42.5°	2083.2	2114.2	2145.1	2237.1	2329.1	2539.3	2769.6	2632.9	2226.4	1680.4	1134.4
45°	2288.5	2296.7	2304.9	2362.9	2420.7	2626.4	2866.5	2749.5	2321.9	1725.5	1128.9
47.5°	2500.6	2472.5	2444.4	2467.4	2490.5	2693.2	2935.7	2838.0	2417.8	1775.5	1133.0
50°	2731.7	2653.4	2575.1	2563.0	2550.8	2760.1	3017.1	2950.5	2533.1	1848.4	1163.7
52.5°	2966.5	2837.4	2708.3	2660.4	2612.4	2839.8	3125.2	3090.6	2697.5	1961.3	1224.8
55°	3181.8	3017.5	2853.2	2788.8	2724.3	2961.7	3257.0	3296.3	2908.3	2105.6	1302.8
57.5°	3391.0	3204.9	3018.7	2958.9	2899.1	3140.8	3424.0	3480.9	3121.3	2244.1	1366.8
60°	3590.7	3406.5	3222.1	3174.2	3126.1	3363.5	3604.5	3563.1	3231.0	2309.0	1386.8
62.5°	3744.2	3597.7	3451.2	3426.0	3400.6	3588.7	3743.2	3531.1	3161.3	2245.1	1328.9
65°	3808.9	3725.5	3641.9	3665.5	3688.9	3759.1	3777.8	3437.3	2942.1	2066.2	1190.2
67.5°	3623.1	3640.1	3657.1	3756.3	3855.4	3807.1	3675.1	3252.5	2630.1	1812.6	995.1
70°	3064.0	3166.0	3267.8	3502.6	3737.2	3630.1	3399.8	2920.8	2254.7	1520.6	786.3
72.5°	2344.7	2459.4	2573.9	2922.4	3270.7	3172.0	2890.0	2399.1	1807.7	1214.3	620.6
75°	1697.8	1827.3	1956.6	2341.0	2725.5	2588.5	2161.7	1717.7	1373.1	926.9	480.6
77.5°	1209.4	1296.1	1382.9	1762.6	2142.2	1919.1	1438.9	1155.9	950.4	644.3	338.0
80°	970.1	943.5	917.0	1128.5	1340.1	1303.0	951.7	742.3	657.7	431.7	205.7
82.5°	791.3	726.5	661.6	761.3	860.9	855.4	660.5	544.6	489.5	300.1	110.6
85°	579.6	553.6	527.6	615.7	703.8	628.6	447.3	346.2	381.7	220.9	60.2
87.5°	282.7	322.9	363.0	466.9	570.6	428.4	135.8	67.2	93.0	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: P385691
 CATALOG NUMBER: GWC-SA1B-730-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: P385691

CATALOG NUMBER: GWC-SA1B-730-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5
2.5°	1522.1	1506.1	1488.0	1469.8	1449.1	1428.2	1415.9	1403.4	1389.9	1376.4	1361.2
5°	1394.0	1360.4	1322.3	1284.2	1246.5	1208.8	1188.5	1168.2	1146.7	1125.0	1106.2
7.5°	1210.0	1160.9	1108.2	1055.3	1008.4	961.3	932.2	902.9	876.3	849.6	827.1
10°	1048.0	985.5	932.6	879.5	844.1	808.7	782.0	755.2	729.4	703.4	678.6
12.5°	941.4	878.9	845.3	811.7	782.4	753.1	722.2	691.1	655.8	620.2	594.2
15°	899.8	842.9	805.6	768.1	728.8	689.4	651.5	613.6	571.8	530.0	500.5
17.5°	881.8	807.4	755.2	702.9	651.1	599.3	555.4	511.4	465.7	420.0	390.1
20°	862.8	763.8	693.9	623.7	557.3	490.9	441.1	391.3	350.5	309.6	286.8
22.5°	845.7	717.5	629.8	541.9	463.4	384.8	336.0	287.0	262.0	237.0	227.8
25°	838.6	677.1	569.2	461.4	378.6	295.6	260.8	226.0	216.4	206.7	202.0
27.5°	839.8	640.9	518.3	395.4	320.8	246.1	222.3	198.5	192.6	186.6	183.6
30°	844.3	601.7	470.2	338.7	277.2	215.7	200.2	184.6	178.4	172.1	168.4
32.5°	849.4	566.5	433.1	299.5	249.3	198.9	186.2	173.3	167.2	161.2	157.4
35°	840.6	537.8	407.7	277.6	231.3	184.8	174.1	163.1	156.5	149.8	146.3
37.5°	825.7	508.9	388.0	266.8	219.6	172.1	164.3	156.3	149.4	142.4	139.1
40°	812.3	484.5	373.3	262.0	213.1	164.1	157.4	150.8	143.8	136.5	132.6
42.5°	801.3	468.1	358.9	249.7	207.3	164.7	155.3	145.7	138.9	132.1	127.8
45°	793.1	457.3	347.5	237.7	201.8	165.8	153.9	142.0	135.2	128.1	123.1
47.5°	792.3	451.6	339.5	227.4	191.4	155.3	150.4	145.5	135.6	125.4	119.6
50°	803.1	442.5	330.1	217.6	181.5	145.3	152.0	158.4	141.4	124.2	116.8
52.5°	825.5	426.2	315.3	204.3	169.4	134.2	144.6	154.7	140.1	125.2	115.6
55°	852.7	402.4	292.8	183.0	153.3	123.5	132.6	141.6	132.4	123.1	111.5
57.5°	869.7	372.3	264.5	156.7	135.4	114.1	119.4	124.4	120.7	117.0	105.3
60°	859.5	332.3	232.7	132.8	119.6	106.3	105.3	104.1	109.6	115.1	101.6
62.5°	809.9	290.9	204.5	118.2	108.2	98.1	95.9	93.6	102.6	111.3	97.1
65°	726.1	262.0	186.8	111.5	100.4	89.3	86.9	84.6	87.3	90.1	83.4
67.5°	619.6	244.2	176.6	109.0	95.5	81.9	79.1	76.4	75.8	75.2	72.9
70°	509.9	233.2	170.0	106.7	90.3	73.6	71.1	68.6	67.8	66.8	65.1
72.5°	426.2	231.9	169.2	106.5	86.0	65.4	63.1	60.8	59.8	58.6	57.2
75°	349.1	217.6	160.6	103.5	80.1	56.5	54.3	52.2	51.4	50.4	49.2
77.5°	259.0	180.1	135.0	89.9	68.6	47.3	45.1	42.8	42.6	42.2	41.2
80°	168.0	130.3	96.5	62.7	50.0	37.1	35.4	33.4	33.6	33.8	33.0
82.5°	93.4	76.0	59.0	42.0	34.2	26.4	25.6	24.6	25.2	25.6	24.6
85°	49.2	38.3	31.6	25.0	19.7	14.5	14.5	14.3	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: P385691
 CATALOG NUMBER: GWC-SA1B-730-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: P385691
 CATALOG NUMBER: GWC-SA1B-730-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5
2.5°	1345.7	1331.5	1317.0	1301.2	1304.1	1292.0	1279.9	1272.3	1264.7	1262.3	1260.0
5°	1087.5	1071.3	1054.9	1040.2	1052.9	1044.3	1035.7	1034.6	1033.2	1033.2	1033.0
7.5°	804.6	787.2	769.7	757.6	770.1	768.5	766.9	775.3	783.7	790.6	797.2
10°	653.8	632.7	611.4	593.5	590.3	581.4	572.2	574.1	575.9	583.3	590.7
12.5°	568.3	543.1	517.9	496.8	487.2	472.3	457.3	447.9	438.6	439.5	440.3
15°	470.8	446.4	421.8	403.6	397.5	386.0	374.5	362.8	350.8	346.0	340.9
17.5°	360.0	340.5	320.8	308.6	308.6	305.3	302.0	296.1	290.1	285.2	280.1
20°	263.9	253.6	243.0	237.9	239.5	239.7	239.7	242.6	245.6	244.0	242.4
22.5°	218.4	214.7	211.0	208.8	209.6	209.8	210.0	212.7	215.3	217.2	219.0
25°	197.1	194.8	192.4	191.6	193.4	193.6	193.6	195.3	197.1	199.1	201.0
27.5°	180.5	179.5	178.5	177.2	178.9	178.9	178.7	180.7	182.5	184.2	185.8
30°	164.7	165.1	165.3	164.9	166.0	166.8	167.4	168.8	170.0	171.3	172.7
32.5°	153.5	153.0	152.4	152.0	154.5	155.9	157.3	158.6	159.8	160.4	161.0
35°	142.8	141.4	140.1	139.1	141.4	143.2	144.9	147.5	149.8	150.2	150.6
37.5°	135.6	133.8	132.1	130.9	131.9	132.6	133.4	136.2	138.9	140.5	141.8
40°	128.7	127.0	125.2	124.2	124.8	125.0	125.2	126.6	127.8	130.7	133.4
42.5°	123.3	121.1	119.0	117.8	118.2	118.6	118.8	118.6	118.4	121.1	123.8
45°	117.8	115.4	113.1	111.7	111.9	111.9	111.9	111.5	111.0	112.3	113.7
47.5°	113.5	110.8	108.0	106.7	106.3	105.9	105.5	105.3	104.9	105.9	106.7
50°	109.2	106.3	103.1	101.6	100.6	100.2	99.8	99.6	99.2	100.2	101.0
52.5°	105.9	102.4	98.8	96.3	95.3	94.7	94.2	94.4	94.4	94.7	94.9
55°	100.0	96.9	93.6	91.8	90.1	89.7	89.3	89.9	90.3	90.3	90.3
57.5°	93.6	90.6	87.5	86.3	84.8	84.8	84.6	85.4	86.0	86.3	86.7
60°	87.9	84.6	81.3	80.3	79.7	79.5	79.3	80.3	81.1	81.9	82.6
62.5°	82.6	79.1	75.6	74.4	74.2	74.4	74.4	75.4	76.2	77.0	77.7
65°	76.8	73.3	69.5	68.4	68.8	69.3	69.9	70.7	71.3	72.1	72.9
67.5°	70.3	67.4	64.3	63.1	63.3	64.1	64.9	65.4	65.8	66.6	67.4
70°	63.3	60.8	58.2	57.4	57.2	58.2	59.0	59.4	59.8	60.8	61.5
72.5°	55.7	53.5	51.4	50.8	51.0	51.6	52.2	52.7	53.1	54.1	54.9
75°	47.9	45.9	44.0	43.6	44.0	44.5	45.1	45.5	45.9	47.1	48.1
77.5°	40.2	38.1	35.7	35.6	36.1	36.7	37.1	37.7	38.3	39.9	41.4
80°	32.2	29.9	27.3	27.2	27.7	28.3	28.9	29.5	30.1	32.0	33.8
82.5°	23.6	20.9	18.2	17.8	19.7	20.3	20.9	21.9	22.7	24.4	26.2
85°	14.3	11.5	8.8	8.6	10.4	11.3	12.3	13.5	14.5	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: P385691
 CATALOG NUMBER: GWC-SA1B-730-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: P385691

CATALOG NUMBER: GWC-SA1B-730-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5
2.5°	1251.4	1242.6	1251.6	1260.4	1264.1	1267.8	1258.2	1248.5	1263.7	1278.7	1282.6
5°	1025.2	1017.2	1023.2	1029.1	1016.0	1002.9	1001.5	1000.0	1011.3	1022.6	1024.4
7.5°	794.7	792.1	797.8	803.5	786.9	770.1	761.9	753.6	756.4	759.1	758.7
10°	592.5	594.0	601.1	607.9	595.0	582.1	576.5	570.8	577.1	583.1	588.8
12.5°	443.8	447.1	454.6	461.8	456.5	451.1	451.6	452.2	459.5	466.5	472.7
15°	344.8	348.7	354.0	359.0	359.2	359.2	364.3	369.2	368.6	368.0	372.3
17.5°	285.4	290.5	291.1	291.7	291.8	292.0	291.7	291.3	288.3	285.4	288.7
20°	244.4	246.1	247.7	249.1	247.3	245.4	240.5	235.6	233.6	231.7	234.8
22.5°	222.3	225.4	223.9	222.1	218.6	214.9	211.2	207.3	207.1	206.7	208.4
25°	203.7	206.3	203.6	200.8	198.3	195.7	193.2	190.7	190.5	190.3	191.0
27.5°	188.3	190.7	188.1	185.6	183.4	181.3	179.3	177.4	177.0	176.6	176.8
30°	175.0	177.2	175.0	172.7	171.1	169.4	168.0	166.6	166.4	166.2	166.2
32.5°	163.1	165.3	163.7	162.1	160.8	159.4	158.4	157.4	156.5	155.5	153.3
35°	152.8	154.9	153.9	152.8	151.2	149.6	147.9	145.9	143.4	140.6	139.5
37.5°	144.0	146.1	145.1	144.2	142.0	139.9	136.7	133.4	132.6	131.7	131.5
40°	136.9	140.3	138.3	136.2	132.8	129.5	128.0	126.4	126.0	125.6	125.2
42.5°	129.1	134.2	130.7	127.2	124.0	120.9	120.5	120.1	119.9	119.7	119.7
45°	119.4	124.8	121.3	117.6	115.8	114.1	114.1	114.1	114.3	114.3	114.7
47.5°	110.2	113.5	111.7	110.0	109.0	108.0	108.2	108.4	109.0	109.4	110.4
50°	102.4	103.5	103.9	104.1	103.5	102.9	103.3	103.5	104.1	104.5	105.3
52.5°	96.7	98.5	98.5	98.3	98.3	98.3	98.7	99.0	99.6	100.2	101.0
55°	93.0	95.5	94.7	94.0	94.2	94.2	94.5	94.9	95.5	95.9	97.1
57.5°	89.5	92.2	91.4	90.6	90.6	90.6	90.8	91.0	91.6	92.0	92.8
60°	85.4	88.1	87.3	86.3	86.5	86.7	86.9	86.9	87.3	87.5	87.5
62.5°	80.5	83.2	82.4	81.5	82.0	82.4	82.4	82.4	82.8	83.0	82.4
65°	75.4	77.9	77.2	76.4	77.2	77.7	78.1	78.3	78.1	77.9	77.4
67.5°	69.9	72.5	71.7	70.7	71.7	72.5	73.3	73.8	73.3	72.7	71.9
70°	64.1	66.6	65.6	64.7	65.6	66.6	67.4	68.2	67.4	66.6	66.4
72.5°	57.8	60.8	59.6	58.4	59.6	60.8	61.1	61.5	60.9	60.4	60.0
75°	51.0	53.9	52.9	51.8	52.7	53.7	53.9	54.1	54.1	53.9	52.7
77.5°	43.8	46.1	45.5	44.9	45.5	46.1	46.1	46.1	46.3	46.3	44.7
80°	35.2	36.5	36.7	36.9	37.1	37.3	37.1	36.9	36.5	36.1	35.2
82.5°	26.2	26.2	27.7	29.1	29.1	28.9	28.7	28.3	27.5	26.6	24.4
85°	16.6	15.6	18.2	20.5	20.5	20.3	19.9	19.3	17.8	16.0	14.3
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: P385691
 CATALOG NUMBER: GWC-SA1B-730-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: P385691

CATALOG NUMBER: GWC-SA1B-730-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5
2.5°	1288.5	1291.0	1293.4	1312.5	1331.5	1353.8	1376.0	1393.0	1409.8	1427.2	1444.6
5°	1030.5	1033.6	1036.7	1060.0	1083.0	1114.1	1145.1	1171.9	1198.6	1230.1	1261.5
7.5°	763.8	770.6	777.3	802.1	826.7	860.1	893.3	928.3	963.1	1004.1	1045.1
10°	599.9	612.8	625.5	650.9	676.3	709.3	742.1	778.7	815.2	855.6	895.9
12.5°	485.6	502.8	519.8	550.3	580.8	620.2	659.5	700.1	740.6	776.1	811.7
15°	383.7	402.4	421.0	453.2	485.4	528.8	572.0	616.3	660.5	703.1	745.6
17.5°	299.3	314.7	329.9	357.3	384.4	426.4	468.4	514.9	561.4	613.4	665.2
20°	241.4	247.9	254.3	274.1	293.6	327.8	361.8	409.3	456.7	518.8	581.0
22.5°	211.6	214.9	218.0	227.6	237.0	259.0	280.9	322.9	364.7	432.5	500.1
25°	193.6	196.1	198.7	204.9	211.2	221.7	232.3	261.8	291.3	357.9	424.3
27.5°	177.4	181.3	185.0	187.9	190.7	197.9	204.9	224.3	243.6	305.7	367.6
30°	165.7	167.0	168.4	172.9	177.2	184.6	192.0	205.5	219.0	271.5	323.9
32.5°	152.0	153.9	155.9	160.6	165.3	172.1	178.9	189.9	200.6	245.6	290.3
35°	139.7	141.6	143.6	148.3	152.8	160.2	167.4	176.6	185.6	224.6	263.7
37.5°	132.1	134.0	136.0	140.1	144.0	151.4	158.6	165.8	172.9	209.0	245.2
40°	125.6	127.6	129.5	133.4	137.1	144.4	151.4	157.4	163.5	197.3	231.1
42.5°	119.9	122.1	124.2	128.1	131.9	138.3	144.8	152.8	160.6	187.1	213.5
45°	115.3	117.4	119.4	123.7	128.0	134.2	140.5	151.6	162.7	181.9	201.0
47.5°	111.0	113.3	115.4	120.1	124.8	132.6	140.3	149.6	158.8	177.8	196.7
50°	106.9	109.6	112.3	118.0	123.5	136.5	149.4	150.8	152.0	174.4	196.7
52.5°	102.9	106.1	109.2	116.2	123.1	138.3	153.5	148.7	143.6	168.2	192.8
55°	99.0	101.8	104.3	112.9	121.5	132.6	143.8	137.3	130.7	156.5	182.3
57.5°	93.8	96.7	99.4	108.6	117.8	125.6	133.2	127.4	121.3	143.2	164.9
60°	88.3	91.6	94.9	106.7	118.2	116.8	115.3	114.1	112.7	128.3	144.0
62.5°	83.4	86.9	90.4	105.7	120.9	111.5	102.2	103.1	103.9	115.4	127.0
65°	78.5	82.0	85.4	93.0	100.6	96.9	93.2	94.7	96.1	107.4	118.8
67.5°	73.1	76.2	79.1	81.7	84.2	84.6	85.0	86.5	88.1	101.6	114.9
70°	67.0	69.5	72.1	73.8	75.4	76.2	76.8	78.7	80.7	95.3	110.0
72.5°	60.2	62.3	64.3	65.8	67.4	68.0	68.4	70.3	72.3	87.9	103.5
75°	52.7	54.5	56.1	57.4	58.8	59.6	60.4	61.7	63.1	80.1	96.9
77.5°	44.5	46.3	47.9	49.0	50.0	50.8	51.4	53.1	54.9	69.2	83.2
80°	34.8	36.9	38.9	39.9	40.6	40.8	40.8	42.4	44.0	54.1	64.1
82.5°	24.6	27.0	29.1	29.9	30.7	30.7	30.7	32.4	34.2	41.0	47.7
85°	14.5	17.0	19.3	20.1	20.9	21.3	21.5	22.3	22.9	27.7	32.4
87.5°	4.5	6.6	8.6	9.0	9.4	10.2	10.9	11.1	11.1	14.5	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: P385691
 CATALOG NUMBER: GWC-SA1B-730-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: P385691

CATALOG NUMBER: GWC-SA1B-730-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5
2.5°	1464.5	1484.4	1507.7	1530.7	1550.5	1570.2	1586.6
5°	1301.6	1341.6	1390.7	1439.5	1483.1	1526.6	1577.2
7.5°	1096.9	1148.6	1212.1	1275.6	1337.1	1398.5	1476.2
10°	948.6	1001.2	1068.4	1135.4	1204.5	1273.5	1361.4
12.5°	854.4	897.0	962.1	1027.1	1108.4	1189.5	1274.1
15°	792.3	838.8	902.1	965.4	1054.3	1143.2	1240.5
17.5°	726.1	786.9	867.9	949.0	1054.3	1159.4	1274.1
20°	656.8	732.4	837.5	942.5	1084.4	1226.0	1372.3
22.5°	587.6	675.1	809.9	944.5	1129.9	1315.1	1512.6
25°	525.3	626.3	793.1	959.7	1196.1	1432.3	1677.2
27.5°	478.0	588.2	786.3	984.2	1280.1	1576.1	1856.4
30°	436.0	548.1	778.1	1008.0	1361.0	1713.8	1996.4
32.5°	399.7	509.1	762.2	1015.2	1417.4	1819.7	2115.0
35°	371.2	478.6	735.7	992.8	1452.8	1912.8	2238.5
37.5°	346.5	447.9	705.4	962.9	1484.2	2005.6	2377.4
40°	323.1	415.1	679.4	943.5	1527.6	2111.7	2524.1
42.5°	300.8	388.2	658.5	928.9	1567.9	2206.6	2652.4
45°	284.2	367.4	640.0	912.3	1593.8	2275.4	2749.1
47.5°	276.0	355.1	630.0	904.7	1619.8	2334.8	2829.4
50°	274.9	353.0	641.3	929.7	1676.1	2422.3	2921.2
52.5°	274.7	356.5	673.9	991.4	1780.6	2569.6	3020.6
55°	270.6	358.7	712.8	1066.8	1920.8	2774.7	3199.4
57.5°	258.1	351.2	752.9	1154.3	2069.1	2983.7	3400.8
60°	238.7	333.3	785.9	1238.3	2168.7	3099.0	3478.3
62.5°	214.5	301.8	796.8	1291.6	2166.0	3040.4	3400.2
65°	193.8	268.8	760.9	1252.8	2056.4	2859.9	3245.7
67.5°	175.4	235.8	671.0	1106.1	1859.3	2612.4	3049.2
70°	162.1	214.1	555.2	896.3	1612.6	2328.7	2821.6
72.5°	153.7	203.7	452.6	701.3	1308.6	1915.8	2413.5
75°	142.2	187.5	355.1	522.6	1001.5	1480.5	1823.0
77.5°	120.7	158.0	267.6	377.2	734.9	1092.4	1267.8
80°	93.2	122.1	184.0	245.9	505.8	765.6	864.4
82.5°	66.4	85.2	111.5	137.9	336.0	533.9	542.1
85°	41.0	49.6	63.9	78.1	222.3	366.5	305.3
87.5°	22.1	26.4	33.8	41.0	71.1	101.2	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: P385691
CATALOG NUMBER: GWC-SA1B-730-U-SLL

CANDELA DISTRIBUTION (continued):

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

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

Scaled Data Report



Report Generated By 670245982

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

Scaled Data Report



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

Scaled Data Report



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

Scaled Data Report





--- HS — SS



u



110°	0.0	0.0	0.0	0.0	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





110°	0.0	0.0	0.0	0.0	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





110°	0.0	0.0	0.0	0.0	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





110°	0.0	0.0	0.0	0.0	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





110°	0.0	0.0	0.0	0.0	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





110°	0.0	0.0	0.0	0.0	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





110°	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



(END OF REPORT)