

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: P385915

Luminaire Tested: **GWC-SA1C-730-U-SLL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P385915  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GWC-SA1C-730-U-SLL  
Description: GALLEON WALL LUMINAIRE  
(1) 70 CRI, 3000K, 1050mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6046 lumens  
Efficiency: N/A  
Efficacy: 102.5 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

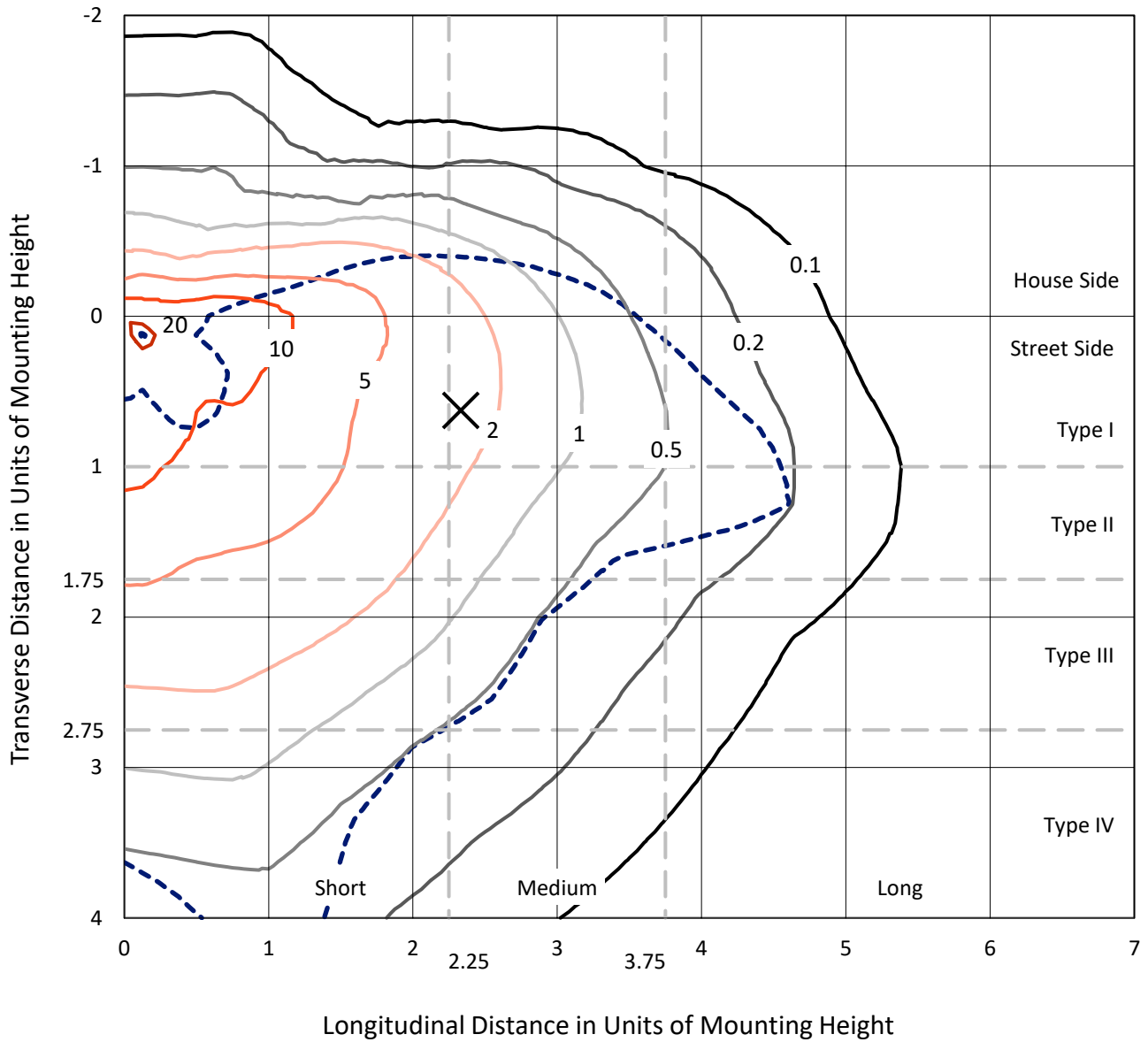
Input Watts (W): 59  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

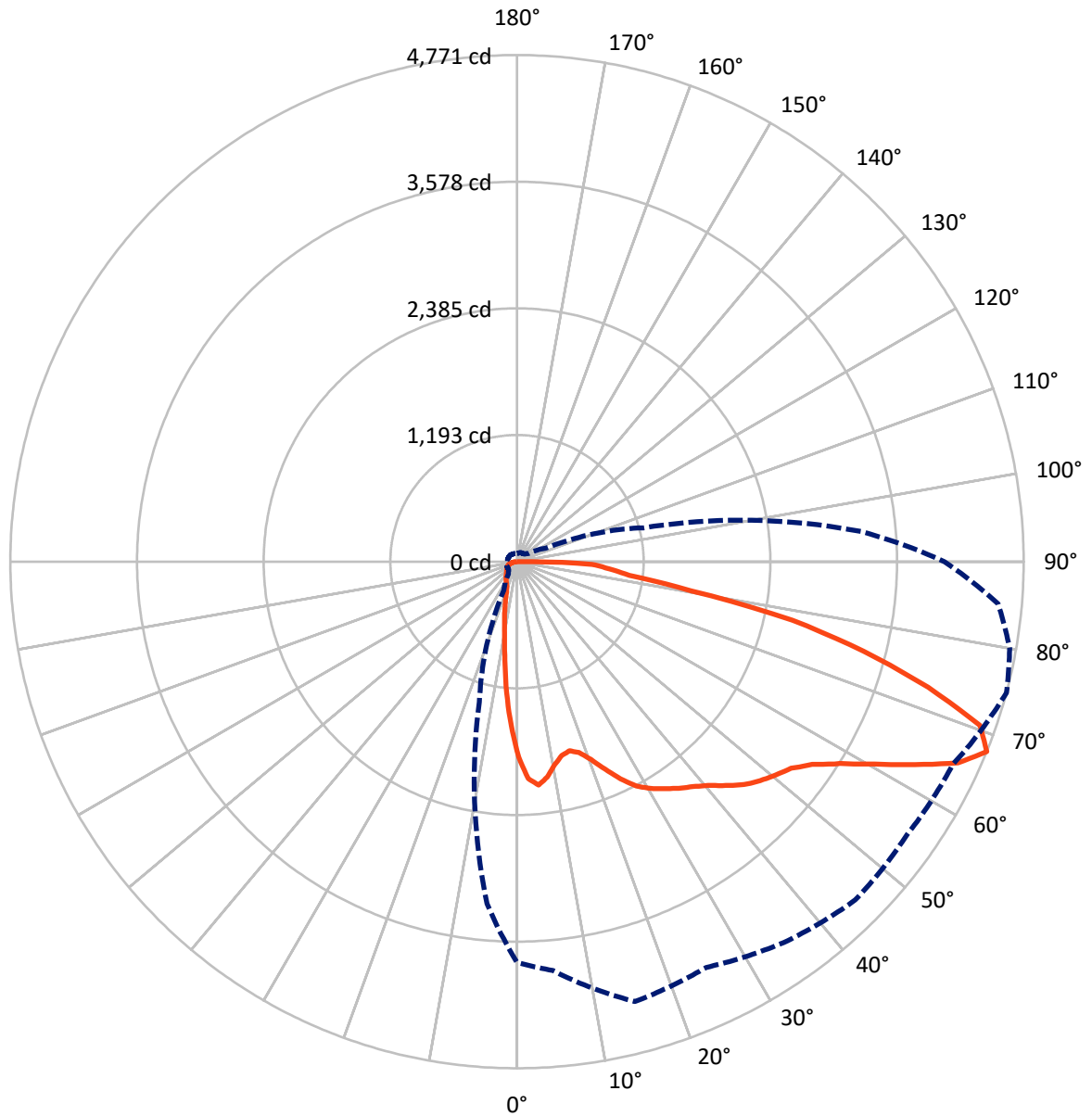
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 23.2 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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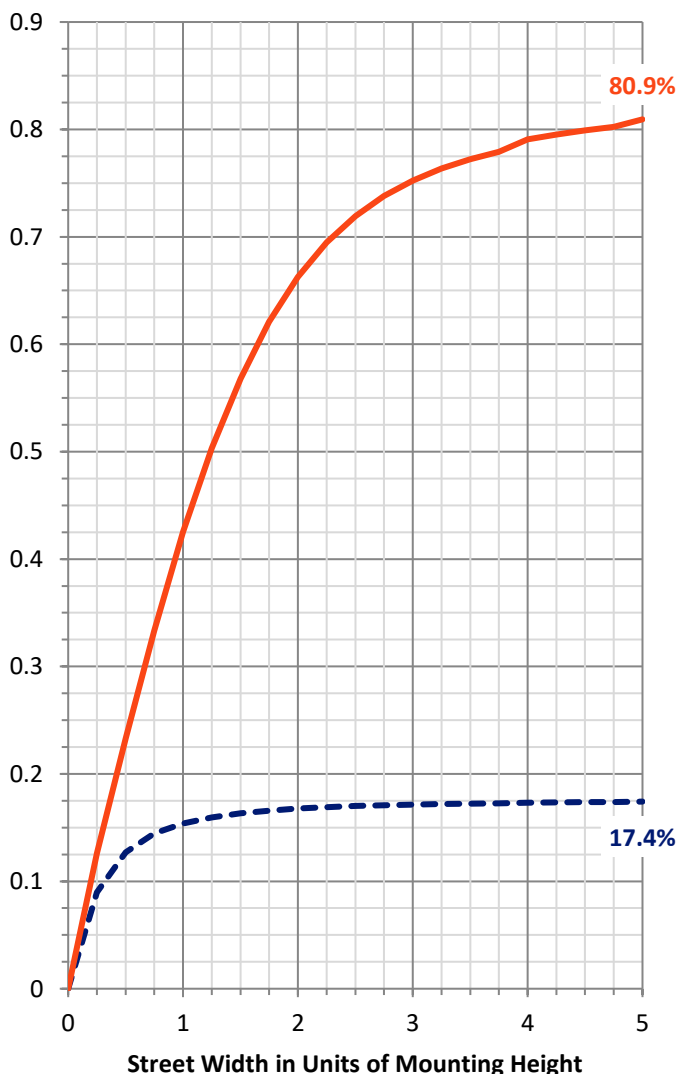
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1064.8	0.0	1064.8
	% Fixture	17.6	0.0	17.6
<b>Street Side</b>	Lumens	4981.2	0.0	4981.2
	% Fixture	82.4	0.0	82.4
<b>Total</b>	Lumens	6046.0	0.0	6046.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	142.2	2.4
10°-20°	295.3	4.9
20°-30°	420.0	6.9
30°-40°	605.2	10.0
40°-50°	852.9	14.1
50°-60°	1185.7	19.6
60°-70°	1433.9	23.7
70°-80°	881.4	14.6
80°-90°	229.4	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°	6046.0	100.0
0°-180°	6046.0	100.0

**Coefficient of Utilization**



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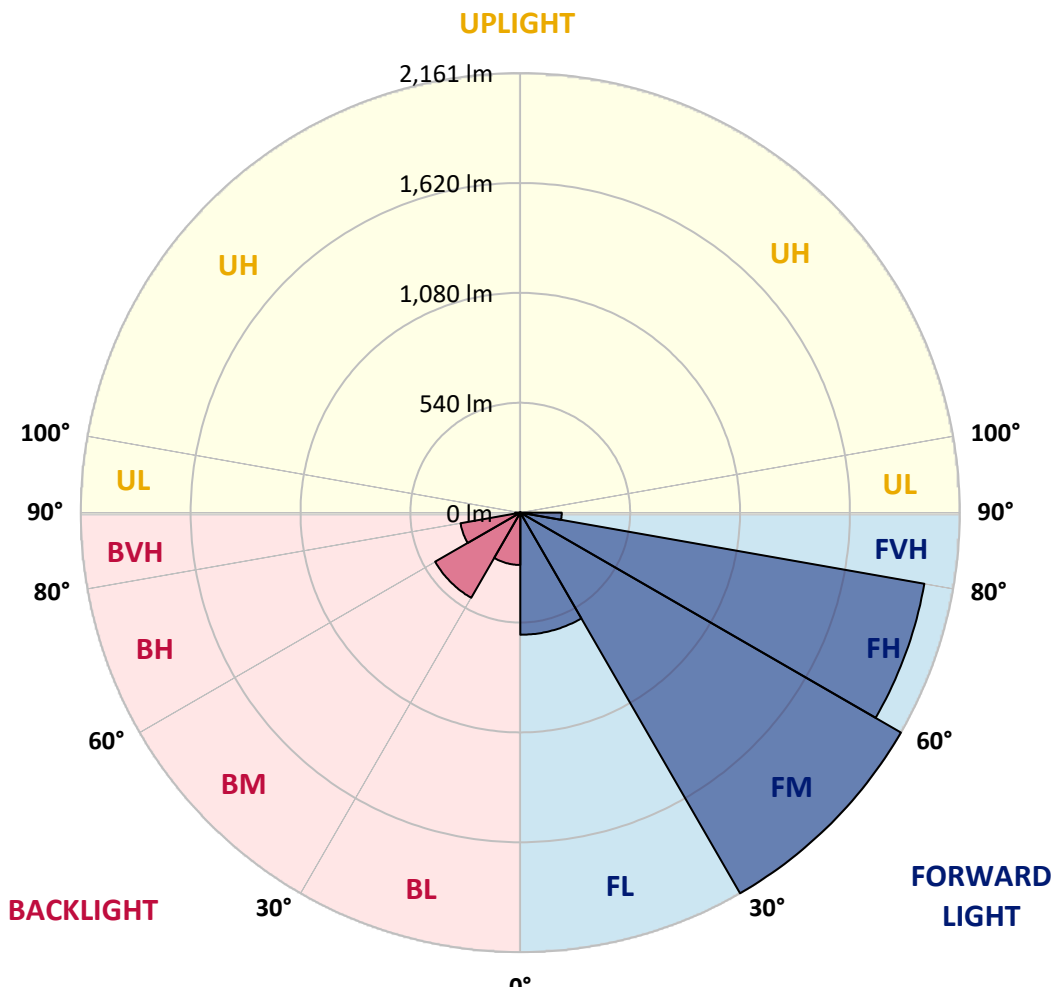
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	600.3	9.9			
FM (30°-60°)	2160.5	35.7			
FH (60°-80°)	2016.7	33.4			G2/5000
FVH (80°-90°)	203.6	3.4			G2/225
BL (0°-30°)	257.2	4.3	B1/500		
BM (30°-60°)	483.4	8.0	B1/1000		
BH (60°-80°)	298.5	4.9	B1/500		G1/500
BVH (80°-90°)	25.8	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°	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9
2.5°	1963.3	1989.2	2007.0	2024.7	2038.5	2052.0	2071.8	2091.6	2095.5	2099.1	2091.4
5°	1951.7	2014.8	2068.4	2121.9	2171.4	2221.0	2250.7	2280.4	2286.5	2292.5	2273.9
7.5°	1826.7	1919.8	2012.8	2105.9	2191.2	2276.6	2328.5	2380.3	2392.1	2403.7	2373.3
10°	1684.6	1792.9	1907.2	2021.5	2133.9	2246.3	2321.5	2396.7	2411.7	2426.7	2388.7
12.5°	1576.5	1694.7	1816.8	1938.9	2057.6	2176.0	2253.8	2331.7	2350.3	2368.9	2341.3
15°	1535.0	1664.5	1779.3	1894.2	1997.6	2100.8	2164.6	2228.2	2236.0	2243.4	2239.1
17.5°	1576.5	1719.4	1823.3	1927.0	1983.4	2039.4	2065.1	2090.4	2098.9	2107.1	2118.2
20°	1698.1	1852.3	1925.6	1998.6	1996.2	1993.5	1981.2	1968.6	1966.4	1964.3	1995.7
22.5°	1871.7	2050.8	2080.0	2109.0	2041.1	1973.2	1931.9	1890.3	1882.1	1873.6	1907.0
25°	2075.4	2266.2	2260.9	2255.3	2126.0	1996.4	1917.6	1838.8	1829.6	1820.4	1849.0
27.5°	2297.1	2479.4	2444.6	2409.8	2234.0	2058.3	1944.0	1829.6	1820.4	1811.2	1836.4
30°	2470.4	2635.8	2579.9	2524.1	2325.1	2126.2	1990.4	1854.5	1839.5	1824.3	1855.2
32.5°	2617.2	2757.8	2682.9	2608.0	2399.1	2190.3	2043.3	1896.3	1872.9	1849.4	1890.8
35°	2769.9	2879.7	2774.3	2668.6	2465.1	2261.3	2105.9	1950.2	1921.5	1892.7	1949.5
37.5°	2941.8	3032.9	2881.6	2730.0	2539.3	2348.6	2199.7	2050.6	2021.1	1991.6	2064.1
40°	3123.3	3199.2	2997.4	2795.5	2620.5	2445.5	2329.5	2213.2	2185.2	2156.9	2244.9
42.5°	3282.1	3337.5	3105.2	2872.9	2718.4	2563.7	2482.0	2400.1	2399.8	2399.4	2488.6
45°	3401.8	3449.9	3195.1	2940.1	2813.9	2687.5	2645.0	2602.4	2636.5	2670.6	2751.3
47.5°	3501.1	3533.8	3270.5	3007.1	2923.2	2839.3	2845.6	2851.9	2921.2	2990.6	3042.6
50°	3614.8	3588.4	3338.9	3089.2	3063.4	3037.5	3094.1	3150.4	3230.2	3309.7	3345.0
52.5°	3737.8	3667.9	3431.8	3195.4	3224.4	3253.4	3368.4	3483.5	3564.0	3644.5	3657.8
55°	3959.0	3851.9	3602.4	3352.7	3408.6	3464.2	3633.1	3801.8	3864.7	3927.5	3932.4
57.5°	4208.2	4113.2	3841.5	3569.8	3629.7	3689.7	3884.8	4079.6	4147.5	4215.2	4205.8
60°	4304.2	4308.7	4068.5	3828.0	3888.4	3948.8	4138.8	4328.8	4406.9	4484.7	4463.9
62.5°	4207.5	4320.8	4192.5	4063.9	4118.7	4173.4	4359.5	4545.6	4625.6	4705.7	4669.4
65°	4016.3	4128.7	4186.2	4243.7	4261.8	4280.0	4453.8	4627.3	4688.7	4749.9	4731.5
67.5°	3773.1	3864.0	4076.2	4288.2	4251.7	4215.2	4296.7	4378.1	4441.2	4504.3	4493.9
70°	3491.5	3599.8	3882.8	4165.9	3986.5	3806.9	3773.3	3739.7	3807.9	3875.8	3833.8
72.5°	2986.5	3149.9	3451.8	3753.5	3423.1	3092.6	2977.8	2863.0	2949.3	3035.6	2968.6
75°	2255.8	2472.6	2806.2	3139.5	2745.3	2351.0	2197.8	2044.5	2118.7	2192.9	2147.0
77.5°	1568.8	1840.7	2169.2	2497.7	2097.0	1695.9	1582.1	1468.0	1490.2	1512.2	1504.5
80°	1069.6	1248.5	1477.7	1706.6	1439.7	1172.8	1181.8	1190.5	1180.1	1169.5	1184.9
82.5°	670.8	796.7	973.7	1150.4	1008.7	867.1	948.3	1029.5	989.6	949.5	964.5
85°	377.8	454.7	627.8	800.6	746.2	691.6	739.2	786.6	724.7	662.8	690.1
87.5°	72.0	119.9	347.4	574.6	521.6	468.7	407.3	345.9	264.0	182.0	265.9
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



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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°	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9
2.5°	2083.7	2079.6	2075.4	2060.7	2045.7	2023.5	2005.1	1973.2	1955.8	1929.4	1903.1
5°	2255.0	2228.9	2202.8	2157.9	2112.7	2062.4	2004.6	1940.6	1892.2	1829.4	1766.5
7.5°	2342.8	2281.9	2220.7	2134.4	2047.9	1970.1	1878.7	1793.6	1721.1	1639.4	1557.7
10°	2350.8	2259.4	2167.8	2055.6	1943.2	1848.7	1743.6	1649.0	1562.0	1468.2	1374.2
12.5°	2313.5	2216.4	2119.0	1995.4	1871.7	1764.3	1651.2	1545.3	1448.9	1345.7	1242.2
15°	2234.7	2157.2	2079.3	1963.5	1847.7	1739.5	1629.7	1504.3	1395.2	1289.6	1183.7
17.5°	2129.1	2092.4	2055.4	1971.7	1887.9	1794.1	1687.7	1540.5	1412.9	1298.1	1183.2
20°	2026.9	2040.4	2053.7	2020.3	1987.0	1911.8	1819.0	1653.6	1490.7	1340.6	1190.3
22.5°	1940.1	2005.1	2069.9	2095.8	2121.4	2076.2	2003.7	1812.5	1596.8	1400.8	1204.8
25°	1877.2	1985.0	2092.9	2178.9	2264.7	2244.7	2188.8	2005.3	1737.5	1487.6	1237.4
27.5°	1861.5	1993.7	2126.0	2259.4	2392.6	2411.2	2395.7	2208.6	1905.3	1595.4	1285.3
30°	1886.2	2020.1	2153.8	2316.2	2478.4	2552.6	2573.4	2378.1	2097.0	1721.1	1345.0
32.5°	1932.1	2063.4	2194.6	2371.6	2548.3	2660.4	2726.7	2533.0	2230.6	1815.8	1400.8
35°	2006.3	2129.1	2251.9	2436.1	2620.3	2765.3	2886.2	2693.1	2349.3	1882.1	1414.6
37.5°	2136.4	2242.0	2347.6	2517.8	2687.7	2875.8	3057.3	2869.3	2477.7	1945.9	1413.8
40°	2332.9	2407.6	2482.0	2625.9	2769.4	3006.1	3251.2	3065.8	2619.6	2015.0	1410.5
42.5°	2577.8	2616.2	2654.4	2768.2	2882.1	3142.2	3427.2	3258.0	2754.9	2079.3	1403.7
45°	2831.8	2842.0	2852.1	2923.9	2995.5	3250.0	3547.1	3402.3	2873.1	2135.2	1396.9
47.5°	3094.3	3059.5	3024.7	3053.2	3081.7	3332.7	3632.6	3511.8	2991.8	2197.0	1402.0
50°	3380.3	3283.3	3186.4	3171.4	3156.4	3415.3	3733.4	3651.0	3134.4	2287.2	1440.0
52.5°	3670.8	3511.1	3351.3	3292.0	3232.6	3514.0	3867.1	3824.3	3338.0	2426.9	1515.6
55°	3937.2	3733.9	3530.6	3450.9	3371.1	3664.8	4030.3	4078.9	3598.8	2605.6	1612.1
57.5°	4196.1	3965.7	3735.4	3661.4	3587.4	3886.4	4237.0	4307.3	3862.3	2776.9	1691.3
60°	4443.1	4215.2	3987.0	3927.8	3868.3	4162.0	4460.3	4409.1	3998.1	2857.2	1716.0
62.5°	4633.1	4451.8	4270.6	4239.4	4207.9	4440.7	4631.9	4369.4	3911.8	2778.1	1644.5
65°	4713.1	4609.9	4506.5	4535.7	4564.7	4651.5	4674.7	4253.4	3640.6	2556.7	1472.8
67.5°	4483.3	4504.3	4525.3	4648.1	4770.7	4711.0	4547.6	4024.7	3254.6	2243.0	1231.3
70°	3791.5	3917.6	4043.6	4334.1	4624.4	4492.0	4207.0	3614.3	2790.0	1881.6	972.9
72.5°	2901.4	3043.3	3185.0	3616.2	4047.2	3925.1	3576.1	2968.6	2236.9	1502.6	768.0
75°	2100.8	2261.1	2421.1	2896.8	3372.5	3203.1	2674.9	2125.5	1699.1	1147.0	594.6
77.5°	1496.5	1603.8	1711.2	2181.1	2650.8	2374.7	1780.5	1430.3	1176.0	797.2	418.2
80°	1200.4	1167.5	1134.7	1396.4	1658.2	1612.3	1177.7	918.6	813.9	534.2	254.5
82.5°	979.2	899.0	818.7	942.0	1065.3	1058.5	817.3	673.9	605.8	371.3	136.8
85°	717.2	685.0	652.9	761.9	870.9	777.9	553.5	428.3	472.3	273.4	74.5
87.5°	349.8	399.6	449.1	577.7	706.1	530.1	168.0	83.2	115.1	75.7	36.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385915  
 CATALOG NUMBER: GWC-SA1C-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: P385915

CATALOG NUMBER: GWC-SA1C-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9
2.5°	1883.5	1863.7	1841.2	1818.7	1793.1	1767.2	1752.0	1736.6	1719.9	1703.2	1684.3
5°	1724.9	1683.4	1636.2	1589.1	1542.4	1495.8	1470.7	1445.5	1418.9	1392.1	1368.9
7.5°	1497.2	1436.6	1371.3	1305.8	1247.8	1189.5	1153.5	1117.3	1084.4	1051.3	1023.5
10°	1296.9	1219.5	1154.0	1088.2	1044.5	1000.7	967.6	934.5	902.6	870.5	839.8
12.5°	1164.9	1087.5	1045.9	1004.4	968.1	931.8	893.7	855.2	811.5	767.5	735.3
15°	1113.4	1043.0	996.9	950.5	901.9	853.0	806.2	759.3	707.5	655.8	619.3
17.5°	1091.1	999.0	934.5	869.7	805.7	741.6	687.2	632.8	576.3	519.7	482.7
20°	1067.7	945.1	858.6	771.8	689.6	607.5	545.8	484.2	433.7	383.1	354.9
22.5°	1046.4	887.9	779.3	670.5	573.4	476.2	415.8	355.1	324.2	293.2	281.9
25°	1037.7	837.8	704.4	571.0	468.5	365.7	322.7	279.7	267.8	255.7	249.9
27.5°	1039.2	793.1	641.3	489.3	396.9	304.6	275.1	245.6	238.3	230.8	227.2
30°	1044.7	744.5	581.8	419.2	343.0	266.9	247.8	228.4	220.7	213.0	208.4
32.5°	1051.0	701.0	535.9	370.6	308.4	246.1	230.4	214.4	206.9	199.4	194.8
35°	1040.1	665.5	504.5	343.5	286.2	228.7	215.4	201.8	193.6	185.4	181.1
37.5°	1021.8	629.7	480.1	330.2	271.7	213.0	203.3	193.4	184.9	176.2	172.1
40°	1005.1	599.5	461.9	324.2	263.7	203.0	194.8	186.6	177.9	169.0	164.1
42.5°	991.6	579.2	444.0	308.9	256.5	203.8	192.2	180.3	171.9	163.4	158.1
45°	981.4	565.9	430.0	294.2	249.7	205.2	190.5	175.7	167.3	158.6	152.3
47.5°	980.4	558.9	420.1	281.4	236.9	192.2	186.1	180.1	167.8	155.2	147.9
50°	993.7	547.5	408.5	269.3	224.6	179.8	188.1	196.0	175.0	153.7	144.6
52.5°	1021.5	527.4	390.1	252.8	209.6	166.1	178.9	191.4	173.3	154.9	143.1
55°	1055.1	498.0	362.3	226.5	189.8	152.8	164.1	175.3	163.9	152.3	138.0
57.5°	1076.2	460.7	327.3	193.9	167.5	141.2	147.7	154.0	149.4	144.8	130.3
60°	1063.6	411.2	287.9	164.4	147.9	131.5	130.3	128.8	135.6	142.4	125.7
62.5°	1002.2	359.9	253.1	146.2	133.9	121.3	118.7	115.8	126.9	137.8	120.1
65°	898.5	324.2	231.1	138.0	124.2	110.5	107.6	104.7	108.1	111.4	103.2
67.5°	766.8	302.2	218.5	134.9	118.2	101.3	97.9	94.5	93.8	93.1	90.2
70°	630.9	288.6	210.3	132.0	111.7	91.1	88.0	84.8	83.9	82.7	80.5
72.5°	527.4	286.9	209.3	131.7	106.4	81.0	78.1	75.2	74.0	72.5	70.8
75°	432.0	269.3	198.7	128.1	99.1	69.9	67.2	64.5	63.6	62.4	60.9
77.5°	320.5	222.9	167.0	111.2	84.8	58.5	55.8	52.9	52.7	52.2	51.0
80°	207.9	161.2	119.4	77.6	61.9	45.9	43.8	41.3	41.6	41.8	40.9
82.5°	115.5	94.0	73.0	52.0	42.3	32.6	31.7	30.5	31.2	31.7	30.5
85°	60.9	47.4	39.2	30.9	24.4	17.9	17.9	17.6	18.6	19.6	18.6
87.5°	26.3	16.7	14.3	11.6	6.5	1.2	1.5	1.5	1.9	2.4	2.2
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: P385915  
 CATALOG NUMBER: GWC-SA1C-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: P385915  
 CATALOG NUMBER: GWC-SA1C-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9
2.5°	1665.2	1647.6	1629.7	1610.1	1613.8	1598.8	1583.8	1574.4	1564.9	1562.0	1559.1
5°	1345.7	1325.6	1305.3	1287.2	1302.9	1292.3	1281.6	1280.2	1278.5	1278.5	1278.2
7.5°	995.7	974.2	952.4	937.4	952.9	950.9	949.0	959.4	969.8	978.3	986.5
10°	809.1	782.9	756.6	734.4	730.5	719.4	708.0	710.4	712.6	721.8	731.0
12.5°	703.2	672.0	640.8	614.7	602.9	584.5	565.9	554.3	542.7	543.9	544.8
15°	582.6	552.3	521.9	499.4	491.9	477.6	463.4	448.9	434.1	428.1	421.8
17.5°	445.5	421.3	396.9	381.9	381.9	377.8	373.7	366.5	359.0	352.9	346.6
20°	326.6	313.8	300.7	294.4	296.4	296.6	296.6	300.2	303.8	301.9	300.0
22.5°	270.2	265.7	261.1	258.4	259.4	259.6	259.9	263.2	266.4	268.8	271.0
25°	243.9	241.0	238.1	237.1	239.3	239.5	239.5	241.7	243.9	246.3	248.7
27.5°	223.4	222.1	220.9	219.2	221.4	221.4	221.2	223.6	225.8	227.9	229.9
30°	203.8	204.3	204.5	204.0	205.5	206.4	207.2	208.9	210.3	212.0	213.7
32.5°	190.0	189.3	188.5	188.1	191.2	192.9	194.6	196.3	197.7	198.5	199.2
35°	176.7	175.0	173.3	172.1	175.0	177.2	179.4	182.5	185.4	185.9	186.4
37.5°	167.8	165.6	163.4	162.0	163.2	164.1	165.1	168.5	171.9	173.8	175.5
40°	159.3	157.1	154.9	153.7	154.5	154.7	154.9	156.6	158.1	161.7	165.1
42.5°	152.5	149.9	147.2	145.8	146.2	146.7	147.0	146.7	146.5	149.9	153.3
45°	145.8	142.9	140.0	138.3	138.5	138.5	138.5	138.0	137.3	139.0	140.7
47.5°	140.4	137.1	133.7	132.0	131.5	131.0	130.5	130.3	129.8	131.0	132.0
50°	135.1	131.5	127.6	125.7	124.5	124.0	123.5	123.3	122.8	124.0	125.0
52.5°	131.0	126.7	122.3	119.2	118.0	117.2	116.5	116.8	116.8	117.2	117.5
55°	123.8	119.9	115.8	113.6	111.4	111.0	110.5	111.2	111.7	111.7	111.7
57.5°	115.8	112.2	108.3	106.8	104.9	104.9	104.7	105.6	106.4	106.8	107.3
60°	108.8	104.7	100.6	99.3	98.6	98.4	98.1	99.3	100.3	101.3	102.2
62.5°	102.2	97.9	93.5	92.1	91.9	92.1	92.1	93.3	94.3	95.2	96.2
65°	95.0	90.6	86.1	84.6	85.1	85.8	86.5	87.5	88.2	89.2	90.2
67.5°	87.0	83.4	79.5	78.1	78.3	79.3	80.3	81.0	81.5	82.4	83.4
70°	78.3	75.2	72.0	71.1	70.8	72.0	73.0	73.5	74.0	75.2	76.1
72.5°	68.9	66.2	63.6	62.8	63.1	63.8	64.5	65.3	65.7	67.0	67.9
75°	59.2	56.8	54.4	53.9	54.4	55.1	55.8	56.3	56.8	58.3	59.5
77.5°	49.8	47.1	44.2	44.0	44.7	45.4	45.9	46.7	47.4	49.3	51.2
80°	39.9	37.0	33.8	33.6	34.3	35.1	35.8	36.5	37.2	39.6	41.8
82.5°	29.2	25.9	22.5	22.0	24.4	25.1	25.9	27.1	28.0	30.2	32.4
85°	17.6	14.3	10.9	10.6	12.8	14.0	15.2	16.7	17.9	19.8	21.8
87.5°	1.9	1.0	0.0	0.0	0.2	1.2	2.2	3.4	4.6	6.5	8.2
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: P385915  
 CATALOG NUMBER: GWC-SA1C-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: P385915  
 CATALOG NUMBER: GWC-SA1C-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9
2.5°	1548.5	1537.6	1548.7	1559.6	1564.2	1568.8	1556.9	1544.9	1563.7	1582.3	1587.2
5°	1268.6	1258.7	1266.2	1273.4	1257.2	1241.0	1239.3	1237.4	1251.4	1265.4	1267.6
7.5°	983.3	980.2	987.2	994.2	973.7	952.9	942.7	932.6	936.0	939.3	938.9
10°	733.2	735.1	743.8	752.2	736.3	720.3	713.3	706.3	714.1	721.5	728.6
12.5°	549.2	553.3	562.5	571.4	564.9	558.1	558.9	559.6	568.5	577.2	585.0
15°	426.6	431.5	438.0	444.3	444.5	444.5	450.8	456.9	456.1	455.4	460.7
17.5°	353.2	359.4	360.2	360.9	361.1	361.4	360.9	360.4	356.8	353.2	357.3
20°	302.4	304.6	306.5	308.2	306.0	303.6	297.6	291.5	289.1	286.7	290.6
22.5°	275.1	279.0	277.0	274.8	270.5	265.9	261.3	256.5	256.2	255.7	257.9
25°	252.1	255.3	251.9	248.5	245.4	242.2	239.1	235.9	235.7	235.4	236.4
27.5°	233.0	235.9	232.8	229.6	227.0	224.3	221.9	219.5	219.0	218.5	218.8
30°	216.6	219.2	216.6	213.7	211.8	209.6	207.9	206.2	205.9	205.7	205.7
32.5°	201.8	204.5	202.6	200.6	198.9	197.2	196.0	194.8	193.6	192.4	189.8
35°	189.0	191.7	190.5	189.0	187.1	185.2	183.0	180.6	177.4	174.0	172.6
37.5°	178.2	180.8	179.6	178.4	175.7	173.1	169.2	165.1	164.1	162.9	162.7
40°	169.4	173.6	171.1	168.5	164.4	160.3	158.3	156.4	155.9	155.4	154.9
42.5°	159.8	166.1	161.7	157.4	153.5	149.6	149.1	148.7	148.4	148.2	148.2
45°	147.7	154.5	150.1	145.5	143.3	141.2	141.2	141.2	141.4	141.4	141.9
47.5°	136.3	140.4	138.3	136.1	134.9	133.7	133.9	134.2	134.9	135.4	136.6
50°	126.7	128.1	128.6	128.8	128.1	127.4	127.9	128.1	128.8	129.3	130.3
52.5°	119.7	121.8	121.8	121.6	121.6	121.6	122.1	122.6	123.3	124.0	125.0
55°	115.1	118.2	117.2	116.3	116.5	116.5	117.0	117.5	118.2	118.7	120.1
57.5°	110.7	114.1	113.1	112.2	112.2	112.2	112.4	112.6	113.4	113.9	114.8
60°	105.6	109.0	108.1	106.8	107.1	107.3	107.6	107.6	108.1	108.3	108.3
62.5°	99.6	103.0	102.0	100.8	101.5	102.0	102.0	102.0	102.5	102.7	102.0
65°	93.3	96.4	95.5	94.5	95.5	96.2	96.7	96.9	96.7	96.4	95.7
67.5°	86.5	89.7	88.7	87.5	88.7	89.7	90.6	91.4	90.6	89.9	89.0
70°	79.3	82.4	81.2	80.0	81.2	82.4	83.4	84.4	83.4	82.4	82.2
72.5°	71.6	75.2	73.7	72.3	73.7	75.2	75.7	76.1	75.4	74.7	74.2
75°	63.1	66.7	65.5	64.1	65.3	66.5	66.7	67.0	67.0	66.7	65.3
77.5°	54.1	57.0	56.3	55.6	56.3	57.0	57.0	57.0	57.3	57.3	55.4
80°	43.5	45.2	45.4	45.7	45.9	46.2	45.9	45.7	45.2	44.7	43.5
82.5°	32.4	32.4	34.3	36.0	36.0	35.8	35.5	35.1	34.1	32.9	30.2
85°	20.5	19.3	22.5	25.4	25.4	25.1	24.7	23.9	22.0	19.8	17.6
87.5°	7.0	5.8	8.9	12.1	12.3	12.3	11.8	11.4	9.4	7.3	5.6
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: P385915  
 CATALOG NUMBER: GWC-SA1C-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: P385915

CATALOG NUMBER: GWC-SA1C-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9
2.5°	1594.4	1597.6	1600.5	1624.1	1647.6	1675.2	1702.7	1723.7	1744.5	1766.0	1787.6
5°	1275.1	1279.0	1282.8	1311.6	1340.1	1378.6	1417.0	1450.1	1483.2	1522.1	1561.1
7.5°	945.1	953.6	961.8	992.5	1023.0	1064.3	1105.4	1148.7	1191.7	1242.5	1293.2
10°	742.3	758.3	774.0	805.4	836.9	877.7	918.3	963.5	1008.7	1058.8	1108.5
12.5°	600.9	622.2	643.2	680.9	718.6	767.5	816.1	866.3	916.4	960.4	1004.4
15°	474.7	498.0	520.9	560.8	600.7	654.3	707.8	762.6	817.3	870.0	922.7
17.5°	370.3	389.4	408.3	442.1	475.7	527.7	579.7	637.2	694.7	759.0	823.1
20°	298.8	306.7	314.7	339.1	363.3	405.6	447.7	506.4	565.2	642.0	718.9
22.5°	261.8	265.9	269.8	281.6	293.2	320.5	347.6	399.6	451.3	535.2	618.8
25°	239.5	242.7	245.8	253.6	261.3	274.4	287.4	323.9	360.4	442.8	525.0
27.5°	219.5	224.3	228.9	232.5	235.9	244.9	253.6	277.5	301.4	378.3	454.9
30°	205.0	206.7	208.4	213.9	219.2	228.4	237.6	254.3	271.0	336.0	400.8
32.5°	188.1	190.5	192.9	198.7	204.5	213.0	221.4	235.0	248.3	303.8	359.2
35°	172.8	175.3	177.7	183.5	189.0	198.2	207.2	218.5	229.6	278.0	326.3
37.5°	163.4	165.8	168.2	173.3	178.2	187.3	196.3	205.2	213.9	258.6	303.4
40°	155.4	157.8	160.3	165.1	169.7	178.6	187.3	194.8	202.3	244.1	286.0
42.5°	148.4	151.1	153.7	158.6	163.2	171.1	179.1	189.0	198.7	231.6	264.2
45°	142.6	145.3	147.7	153.0	158.3	166.1	173.8	187.6	201.4	225.0	248.7
47.5°	137.3	140.2	142.9	148.7	154.5	164.1	173.6	185.2	196.5	220.0	243.4
50°	132.2	135.6	139.0	146.0	152.8	169.0	184.9	186.6	188.1	215.9	243.4
52.5°	127.4	131.3	135.1	143.8	152.3	171.1	190.0	184.0	177.7	208.1	238.6
55°	122.6	125.9	129.1	139.7	150.4	164.1	177.9	169.9	161.7	193.6	225.5
57.5°	116.0	119.7	123.0	134.4	145.8	155.4	164.9	157.6	150.1	177.2	204.0
60°	109.3	113.4	117.5	132.0	146.2	144.6	142.6	141.2	139.5	158.8	178.2
62.5°	103.2	107.6	111.9	130.8	149.6	138.0	126.4	127.6	128.6	142.9	157.1
65°	97.2	101.5	105.6	115.1	124.5	119.9	115.3	117.2	118.9	132.9	147.0
67.5°	90.4	94.3	97.9	101.0	104.2	104.7	105.2	107.1	109.0	125.7	142.1
70°	82.9	86.1	89.2	91.4	93.3	94.3	95.0	97.4	99.8	118.0	136.1
72.5°	74.5	77.1	79.5	81.5	83.4	84.1	84.6	87.0	89.4	108.8	128.1
75°	65.3	67.4	69.4	71.1	72.8	73.7	74.7	76.4	78.1	99.1	119.9
77.5°	55.1	57.3	59.2	60.7	61.9	62.8	63.6	65.7	67.9	85.6	103.0
80°	43.0	45.7	48.1	49.3	50.3	50.5	50.5	52.5	54.4	67.0	79.3
82.5°	30.5	33.4	36.0	37.0	38.0	38.0	38.0	40.1	42.3	50.8	59.0
85°	17.9	21.0	23.9	24.9	25.9	26.3	26.6	27.6	28.3	34.3	40.1
87.5°	5.6	8.2	10.6	11.1	11.6	12.6	13.5	13.8	13.8	17.9	22.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385915  
 CATALOG NUMBER: GWC-SA1C-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: P385915

CATALOG NUMBER: GWC-SA1C-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9	1841.9
2.5°	1812.2	1836.9	1865.6	1894.2	1918.6	1943.0	1963.3
5°	1610.6	1660.2	1720.8	1781.3	1835.2	1889.1	1951.7
7.5°	1357.3	1421.3	1499.9	1578.5	1654.6	1730.5	1826.7
10°	1173.8	1238.8	1322.0	1404.9	1490.5	1575.8	1684.6
12.5°	1057.3	1110.0	1190.5	1271.0	1371.5	1471.9	1576.5
15°	980.4	1038.0	1116.3	1194.6	1304.6	1414.6	1535.0
17.5°	898.5	973.7	1074.0	1174.3	1304.6	1434.6	1576.5
20°	812.7	906.2	1036.3	1166.3	1341.8	1517.1	1698.1
22.5°	727.1	835.4	1002.2	1168.7	1398.1	1627.3	1871.7
25°	650.0	775.0	981.4	1187.6	1480.1	1772.3	2075.4
27.5°	591.5	727.8	972.9	1217.8	1584.0	1950.2	2297.1
30°	539.5	678.3	962.8	1247.3	1684.1	2120.7	2470.4
32.5°	494.6	629.9	943.2	1256.2	1754.0	2251.7	2617.2
35°	459.3	592.2	910.3	1228.4	1797.7	2367.0	2769.9
37.5°	428.8	554.3	872.9	1191.5	1836.6	2481.8	2941.8
40°	399.8	513.7	840.7	1167.5	1890.3	2613.0	3123.3
42.5°	372.3	480.3	814.9	1149.4	1940.1	2730.5	3282.1
45°	351.7	454.7	791.9	1128.9	1972.2	2815.6	3401.8
47.5°	341.6	439.5	779.6	1119.4	2004.4	2889.1	3501.1
50°	340.1	436.8	793.6	1150.4	2074.0	2997.4	3614.8
52.5°	339.9	441.1	834.0	1226.8	2203.3	3179.6	3737.8
55°	334.8	443.8	882.1	1320.1	2376.9	3433.5	3959.0
57.5°	319.3	434.6	931.6	1428.4	2560.3	3692.1	4208.2
60°	295.4	412.4	972.5	1532.3	2683.6	3834.7	4304.2
62.5°	265.4	373.5	986.0	1598.3	2680.2	3762.2	4207.5
65°	239.8	332.6	941.5	1550.2	2544.6	3538.8	4016.3
67.5°	217.1	291.8	830.3	1368.6	2300.7	3232.6	3773.1
70°	200.6	264.9	687.0	1109.0	1995.4	2881.6	3491.5
72.5°	190.2	252.1	560.1	867.8	1619.3	2370.6	2986.5
75°	176.0	232.1	439.5	646.6	1239.3	1832.0	2255.8
77.5°	149.4	195.6	331.2	466.8	909.4	1351.7	1568.8
80°	115.3	151.1	227.7	304.3	625.8	947.3	1069.6
82.5°	82.2	105.4	138.0	170.7	415.8	660.6	670.8
85°	50.8	61.4	79.0	96.7	275.1	453.5	377.8
87.5°	27.3	32.6	41.8	50.8	88.0	125.2	72.0
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: P385915

CATALOG NUMBER: GWC-SA1C-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  
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1121 Highway 74 South  
Peachtree City, GA 30269

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

Scaled Data Report





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

Scaled Data Report







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

Scaled Data Report





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

Scaled Data Report





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

Scaled Data Report



(END OF REPORT)