

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: P386139

Luminaire Tested: **GWC-SA1D-730-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P386139
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GWC-SA1D-730-U-SLL
Description: GALLEON WALL LUMINAIRE
(1) 70 CRI, 3000K, 1200mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6632 lumens
Efficiency: N/A
Efficacy: 99.0 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

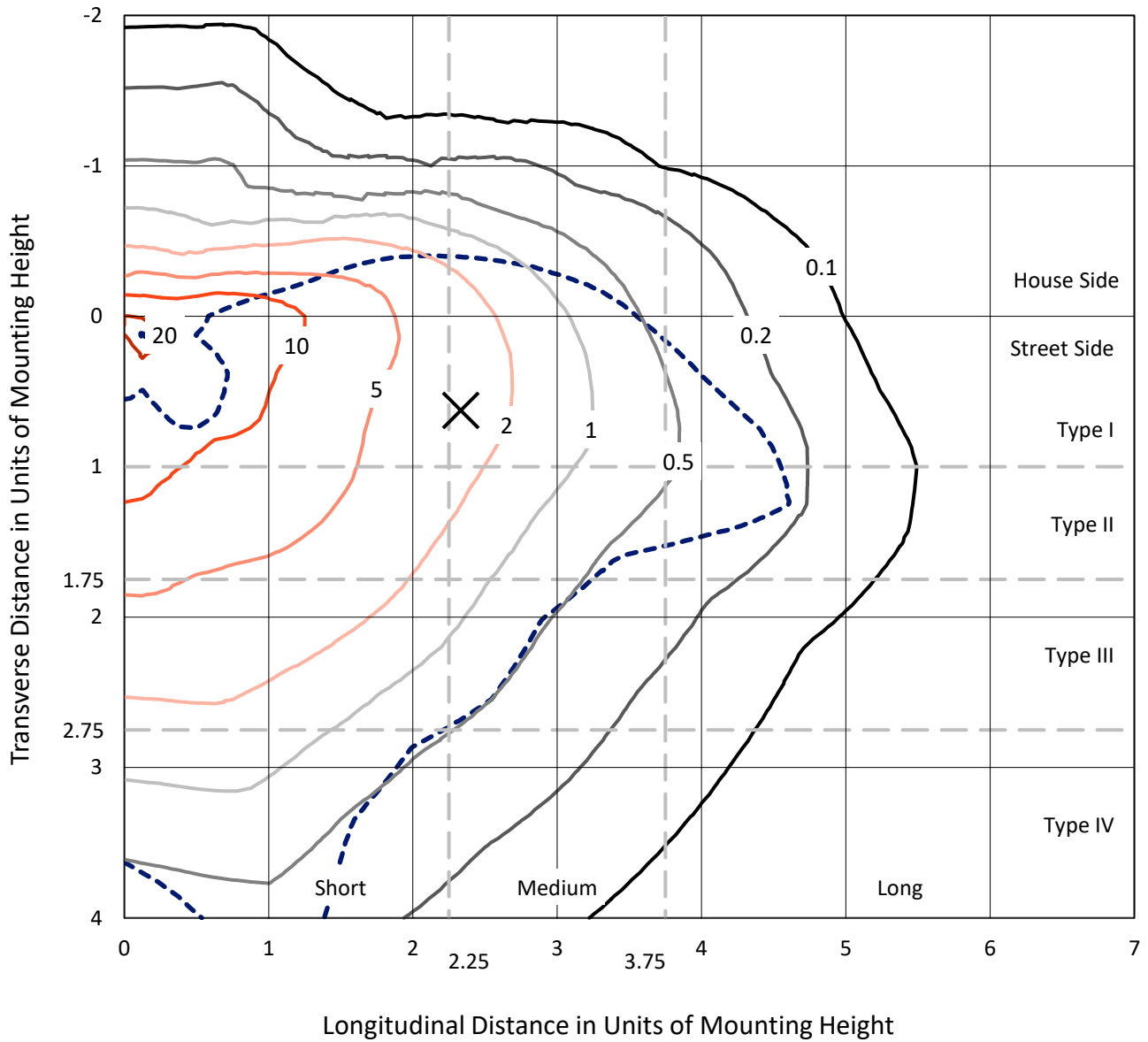
Input Watts (W): 67
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

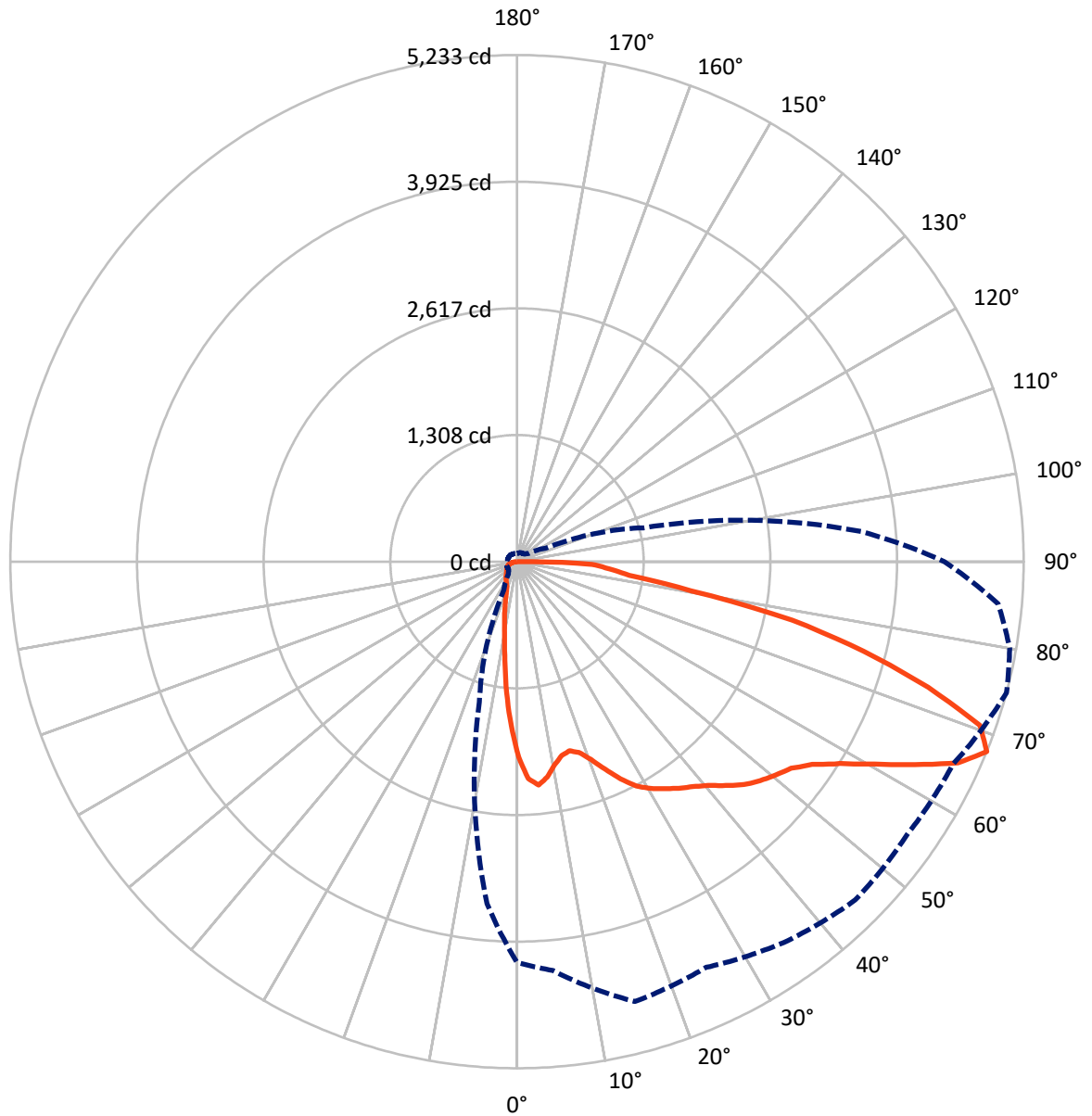
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 25.4 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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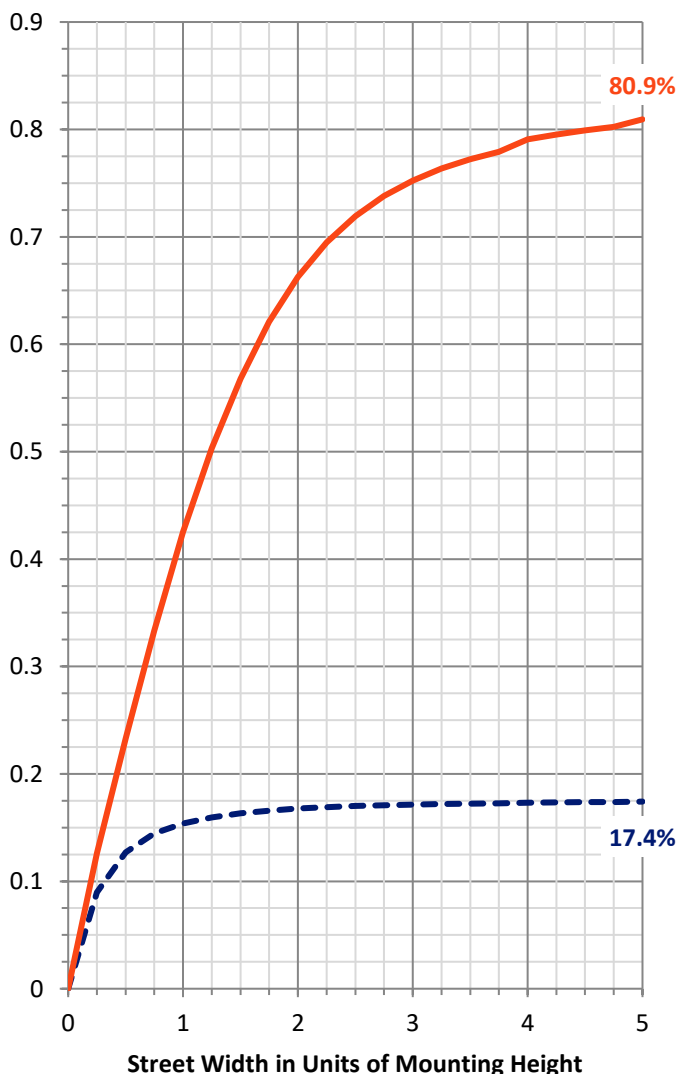
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1168.1	0.0	1168.1
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	5463.9	0.0	5463.9
	% Fixture	82.4	0.0	82.4
Total	Lumens	6632.0	0.0	6632.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.9	2.4
10°-20°	323.9	4.9
20°-30°	460.7	6.9
30°-40°	663.9	10.0
40°-50°	935.6	14.1
50°-60°	1300.6	19.6
60°-70°	1572.9	23.7
70°-80°	966.8	14.6
80°-90°	251.6	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°	6632.0	100.0
0°-180°	6632.0	100.0

Coefficient of Utilization



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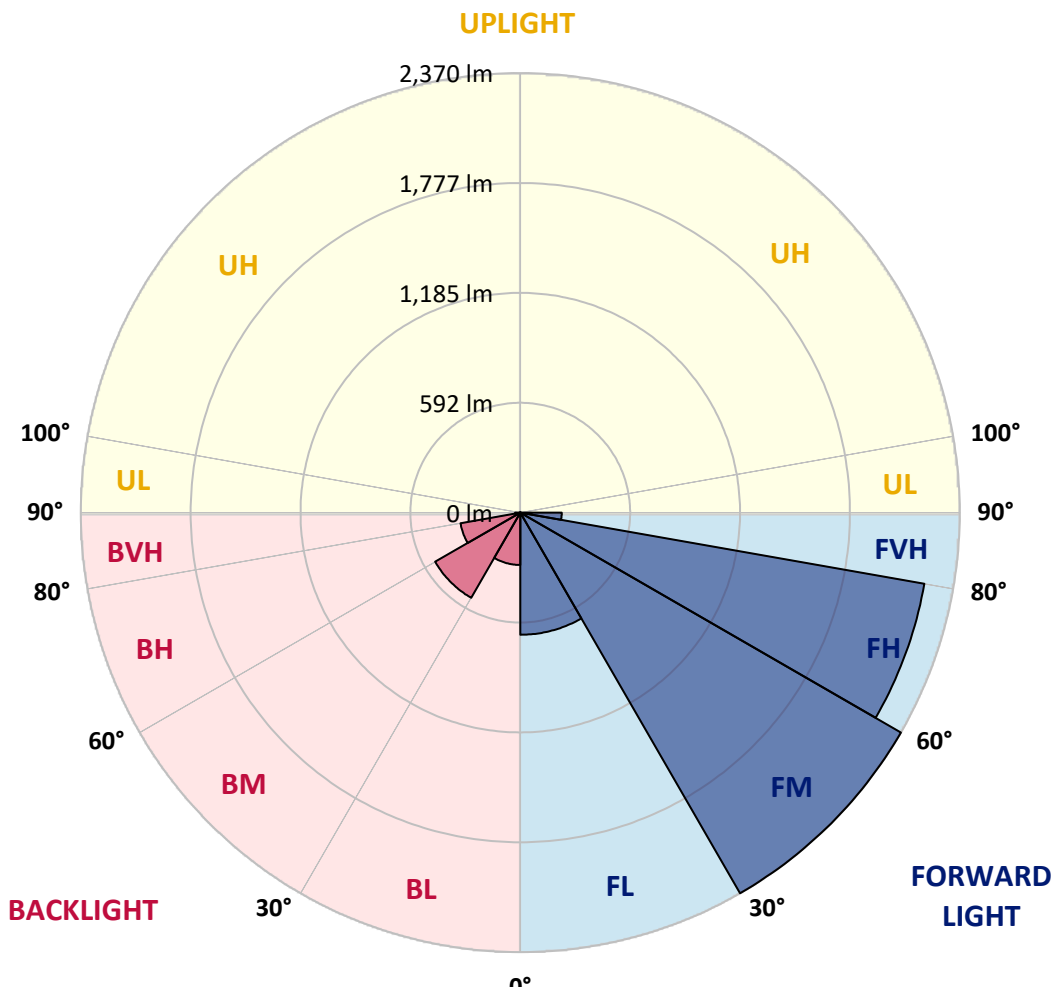
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	658.5	9.9			
FM (30°-60°)	2369.9	35.7			
FH (60°-80°)	2212.2	33.4			G2/5000
FVH (80°-90°)	223.3	3.4			G2/225
BL (0°-30°)	282.1	4.3	B1/500		
BM (30°-60°)	530.2	8.0	B1/1000		
BH (60°-80°)	327.5	4.9	B1/500		G1/500
BVH (80°-90°)	28.3	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°	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5
2.5°	2153.6	2181.9	2201.6	2220.9	2236.0	2250.9	2272.6	2294.4	2298.6	2302.6	2294.1
5°	2140.8	2210.1	2268.9	2327.5	2381.9	2436.2	2468.8	2501.5	2508.1	2514.7	2494.3
7.5°	2003.8	2105.8	2207.9	2310.0	2403.6	2497.2	2554.2	2611.0	2624.0	2636.7	2603.3
10°	1847.9	1966.6	2092.1	2217.5	2340.8	2464.1	2546.5	2629.0	2645.4	2661.9	2620.2
12.5°	1729.3	1859.0	1992.9	2126.8	2257.0	2386.9	2472.3	2557.7	2578.1	2598.5	2568.3
15°	1683.7	1825.8	1951.8	2077.7	2191.2	2304.4	2374.4	2444.2	2452.7	2460.9	2456.1
17.5°	1729.3	1886.0	2000.1	2113.8	2175.6	2237.1	2265.2	2293.0	2302.3	2311.3	2323.5
20°	1862.7	2031.9	2112.2	2192.3	2189.6	2186.7	2173.2	2159.4	2157.0	2154.6	2189.1
22.5°	2053.1	2249.6	2281.6	2313.5	2239.0	2164.4	2119.1	2073.5	2064.5	2055.2	2091.8
25°	2276.6	2485.8	2480.0	2473.9	2332.0	2189.9	2103.5	2017.0	2006.9	1996.9	2028.2
27.5°	2519.8	2719.7	2681.5	2643.3	2450.5	2257.8	2132.4	2006.9	1996.9	1986.8	2014.4
30°	2709.9	2891.2	2830.0	2768.7	2550.5	2332.3	2183.3	2034.3	2017.8	2001.1	2035.1
32.5°	2870.8	3025.1	2942.9	2860.7	2631.6	2402.6	2241.3	2080.1	2054.4	2028.7	2074.0
35°	3038.4	3158.8	3043.2	2927.3	2704.0	2480.5	2310.0	2139.3	2107.7	2076.2	2138.5
37.5°	3226.9	3326.9	3160.9	2994.6	2785.4	2576.2	2412.9	2249.3	2216.9	2184.6	2264.1
40°	3426.0	3509.3	3287.9	3066.5	2874.5	2682.6	2555.3	2427.7	2397.0	2366.0	2462.5
42.5°	3600.3	3661.0	3406.2	3151.3	2981.9	2812.2	2722.6	2632.7	2632.4	2631.9	2729.8
45°	3731.5	3784.3	3504.8	3225.1	3086.7	2948.0	2901.3	2854.6	2892.0	2929.4	3018.0
47.5°	3840.5	3876.3	3587.5	3298.5	3206.5	3114.5	3121.4	3128.3	3204.4	3280.5	3337.5
50°	3965.1	3936.2	3662.6	3388.7	3360.3	3331.9	3394.0	3455.7	3543.2	3630.5	3669.2
52.5°	4100.1	4023.4	3764.4	3505.1	3536.9	3568.7	3694.9	3821.1	3909.4	3997.7	4012.3
55°	4342.7	4225.2	3951.6	3677.7	3738.9	3799.9	3985.3	4170.3	4239.3	4308.2	4313.5
57.5°	4616.1	4511.9	4213.8	3915.8	3981.5	4047.3	4261.3	4475.0	4549.5	4623.7	4613.4
60°	4721.3	4726.4	4462.8	4199.0	4265.3	4331.5	4540.0	4748.4	4834.0	4919.4	4896.6
62.5°	4615.3	4739.6	4598.8	4457.8	4518.0	4577.9	4782.0	4986.2	5074.0	5161.7	5122.0
65°	4405.5	4528.8	4591.9	4655.0	4674.9	4694.8	4885.5	5075.8	5143.2	5210.3	5190.1
67.5°	4138.8	4238.5	4471.3	4703.8	4663.8	4623.7	4713.1	4802.5	4871.7	4940.9	4929.5
70°	3829.9	3948.7	4259.2	4569.7	4372.9	4175.9	4139.0	4102.2	4177.0	4251.5	4205.3
72.5°	3276.0	3455.2	3786.4	4117.3	3754.8	3392.4	3266.4	3140.5	3235.1	3329.8	3256.4
75°	2474.4	2712.3	3078.2	3443.8	3011.3	2578.9	2410.8	2242.7	2324.1	2405.5	2355.1
77.5°	1720.8	2019.1	2379.5	2739.8	2300.2	1860.3	1735.4	1610.3	1634.7	1658.8	1650.3
80°	1173.3	1369.5	1620.9	1872.0	1579.3	1286.5	1296.3	1305.9	1294.5	1282.8	1299.8
82.5°	735.8	873.9	1068.0	1261.9	1106.5	951.1	1040.2	1129.3	1085.5	1041.5	1058.0
85°	414.4	498.8	688.6	878.2	818.5	758.6	810.8	862.8	794.9	727.1	757.0
87.5°	79.0	131.5	381.0	630.3	572.2	514.1	446.8	379.4	289.5	199.7	291.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5
2.5°	2285.6	2281.1	2276.6	2260.4	2244.0	2219.6	2199.4	2164.4	2145.4	2116.5	2087.6
5°	2473.6	2445.0	2416.3	2367.0	2317.4	2262.3	2198.9	2128.7	2075.6	2006.7	1937.7
7.5°	2569.9	2503.0	2436.0	2341.3	2246.4	2161.0	2060.8	1967.4	1887.9	1798.3	1708.6
10°	2578.6	2478.4	2377.9	2254.9	2131.6	2027.9	1912.6	1808.9	1713.4	1610.5	1507.4
12.5°	2537.8	2431.2	2324.3	2188.8	2053.1	1935.4	1811.3	1695.1	1589.3	1476.1	1362.6
15°	2451.3	2366.2	2280.9	2153.8	2026.8	1908.0	1787.7	1650.1	1530.5	1414.6	1298.5
17.5°	2335.5	2295.2	2254.6	2162.9	2070.8	1968.0	1851.3	1689.8	1549.8	1423.9	1297.9
20°	2223.3	2238.2	2252.7	2216.2	2179.6	2097.1	1995.3	1813.9	1635.2	1470.5	1305.6
22.5°	2128.1	2199.4	2270.5	2298.9	2327.0	2277.4	2197.9	1988.1	1751.6	1536.6	1321.5
25°	2059.2	2177.4	2295.7	2390.1	2484.2	2462.2	2401.0	2199.7	1905.9	1631.8	1357.3
27.5°	2041.9	2187.0	2332.0	2478.4	2624.5	2644.9	2627.9	2422.7	2089.9	1750.0	1409.8
30°	2069.0	2215.9	2362.5	2540.7	2718.6	2800.0	2822.8	2608.6	2300.2	1887.9	1475.3
32.5°	2119.4	2263.4	2407.3	2601.4	2795.2	2918.3	2990.9	2778.5	2446.8	1991.8	1536.6
35°	2200.8	2335.5	2470.2	2672.2	2874.3	3033.4	3165.9	2954.1	2577.0	2064.5	1551.7
37.5°	2343.4	2459.3	2575.2	2761.8	2948.2	3154.5	3353.7	3147.4	2717.8	2134.5	1550.9
40°	2559.0	2640.9	2722.6	2880.4	3037.9	3297.4	3566.3	3362.9	2873.5	2210.3	1547.2
42.5°	2827.6	2869.8	2911.7	3036.5	3161.4	3446.7	3759.3	3573.7	3022.0	2280.9	1539.7
45°	3106.3	3117.4	3128.5	3207.3	3285.8	3565.0	3890.9	3732.0	3151.6	2342.1	1532.3
47.5°	3394.2	3356.0	3317.9	3349.2	3380.4	3655.7	3984.7	3852.2	3281.8	2410.0	1537.9
50°	3707.9	3601.6	3495.3	3478.8	3462.4	3746.4	4095.3	4004.9	3438.2	2508.9	1579.5
52.5°	4026.6	3851.4	3676.1	3611.1	3545.9	3854.5	4241.9	4195.0	3661.5	2662.1	1662.5
55°	4318.8	4095.8	3872.8	3785.3	3697.8	4020.0	4420.9	4474.2	3947.6	2858.1	1768.3
57.5°	4602.8	4350.1	4097.4	4016.3	3935.1	4263.1	4647.6	4724.8	4236.6	3046.1	1855.3
60°	4873.8	4623.7	4373.4	4308.5	4243.3	4565.4	4892.6	4836.4	4385.6	3134.1	1882.3
62.5°	5082.2	4883.3	4684.5	4650.3	4615.8	4871.1	5080.9	4792.9	4291.0	3047.4	1803.8
65°	5170.0	5056.7	4943.3	4975.3	5007.2	5102.3	5127.8	4665.6	3993.5	2804.5	1615.6
67.5°	4917.8	4940.9	4963.9	5098.6	5233.1	5167.6	4988.3	4414.8	3570.0	2460.4	1350.7
70°	4158.9	4297.3	4435.5	4754.2	5072.7	4927.3	4614.7	3964.6	3060.4	2064.0	1067.2
72.5°	3182.6	3338.3	3493.7	3966.7	4439.5	4305.6	3922.7	3256.4	2453.7	1648.2	842.4
75°	2304.4	2480.2	2655.8	3177.6	3699.4	3513.5	2934.2	2331.5	1863.8	1258.2	652.3
77.5°	1641.6	1759.3	1877.0	2392.5	2907.7	2604.9	1953.1	1568.9	1290.0	874.5	458.7
80°	1316.8	1280.7	1244.6	1531.8	1819.0	1768.6	1291.8	1007.6	892.8	586.0	279.2
82.5°	1074.1	986.1	898.1	1033.3	1168.5	1161.1	896.5	739.2	664.5	407.3	150.1
85°	786.7	751.4	716.2	835.8	955.3	853.3	607.2	469.9	518.1	299.9	81.7
87.5°	383.7	438.3	492.7	633.7	774.5	581.5	184.3	91.2	126.2	83.0	39.5
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: P386139
 CATALOG NUMBER: GWC-SA1D-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: P386139

CATALOG NUMBER: GWC-SA1D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5
2.5°	2066.1	2044.3	2019.7	1995.0	1966.9	1938.5	1921.8	1904.9	1886.6	1868.3	1847.6
5°	1892.1	1846.5	1794.8	1743.1	1691.9	1640.8	1613.2	1585.6	1556.5	1527.0	1501.6
7.5°	1642.4	1575.8	1504.2	1432.4	1368.7	1304.8	1265.3	1225.5	1189.5	1153.2	1122.7
10°	1422.5	1337.7	1265.8	1193.7	1145.7	1097.7	1061.4	1025.1	990.1	954.8	921.1
12.5°	1277.8	1192.9	1147.3	1101.7	1061.9	1022.2	980.3	938.1	890.1	841.9	806.6
15°	1221.3	1144.1	1093.5	1042.6	989.3	935.7	884.3	832.8	776.1	719.4	679.3
17.5°	1196.9	1095.9	1025.1	954.0	883.8	813.5	753.8	694.2	632.1	570.1	529.5
20°	1171.2	1036.8	941.8	846.6	756.5	666.3	598.7	531.1	475.7	420.3	389.2
22.5°	1147.8	973.9	854.9	735.5	628.9	522.4	456.1	389.5	355.6	321.6	309.2
25°	1138.3	919.0	772.7	626.3	513.9	401.2	354.0	306.8	293.8	280.5	274.2
27.5°	1139.9	870.0	703.5	536.7	435.4	334.1	301.7	269.4	261.4	253.2	249.2
30°	1146.0	816.7	638.2	459.8	376.3	292.7	271.8	250.6	242.1	233.6	228.6
32.5°	1152.9	768.9	587.8	406.5	338.3	269.9	252.7	235.2	227.0	218.8	213.7
35°	1141.0	730.0	553.4	376.8	313.9	250.8	236.3	221.4	212.4	203.4	198.6
37.5°	1120.8	690.7	526.6	362.2	298.0	233.6	223.0	212.1	202.8	193.3	188.8
40°	1102.5	657.6	506.7	355.6	289.3	222.7	213.7	204.7	195.2	185.3	180.0
42.5°	1087.7	635.3	487.1	338.9	281.3	223.5	210.8	197.8	188.5	179.2	173.4
45°	1076.5	620.7	471.7	322.7	273.9	225.1	208.9	192.8	183.5	173.9	167.0
47.5°	1075.5	613.0	460.8	308.6	259.9	210.8	204.2	197.5	184.0	170.2	162.3
50°	1090.0	600.6	448.1	295.4	246.3	197.3	206.3	215.0	192.0	168.6	158.6
52.5°	1120.5	578.6	428.0	277.4	229.9	182.2	196.2	210.0	190.1	170.0	157.0
55°	1157.4	546.2	397.5	248.4	208.1	167.6	180.0	192.2	179.8	167.0	151.4
57.5°	1180.5	505.4	359.0	212.7	183.8	154.8	162.0	168.9	163.9	158.8	142.9
60°	1166.7	451.0	315.8	180.3	162.3	144.2	142.9	141.3	148.8	156.2	137.9
62.5°	1099.3	394.8	277.6	160.4	146.9	133.1	130.2	127.0	139.2	151.1	131.8
65°	985.6	355.6	253.5	151.4	136.3	121.2	118.0	114.8	118.5	122.2	113.2
67.5°	841.1	331.4	239.7	148.0	129.7	111.1	107.4	103.7	102.9	102.1	98.9
70°	692.1	316.6	230.7	144.8	122.5	100.0	96.5	93.1	92.0	90.7	88.3
72.5°	578.6	314.7	229.6	144.5	116.7	88.8	85.6	82.5	81.1	79.5	77.7
75°	473.8	295.4	218.0	140.5	108.7	76.6	73.7	70.8	69.7	68.4	66.8
77.5°	351.6	244.5	183.2	122.0	93.1	64.2	61.3	58.1	57.8	57.3	55.9
80°	228.0	176.9	131.0	85.1	67.9	50.4	48.0	45.3	45.6	45.9	44.8
82.5°	126.7	103.1	80.1	57.0	46.4	35.8	34.7	33.4	34.2	34.7	33.4
85°	66.8	52.0	43.0	33.9	26.8	19.6	19.6	19.4	20.4	21.5	20.4
87.5°	28.9	18.3	15.6	12.7	7.2	1.3	1.6	1.6	2.1	2.7	2.4
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: P386139
 CATALOG NUMBER: GWC-SA1D-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: P386139

CATALOG NUMBER: GWC-SA1D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5
2.5°	1826.6	1807.3	1787.7	1766.2	1770.2	1753.7	1737.3	1726.9	1716.6	1713.4	1710.2
5°	1476.1	1454.1	1431.8	1411.9	1429.2	1417.5	1405.8	1404.3	1402.4	1402.4	1402.1
7.5°	1092.2	1068.6	1044.7	1028.3	1045.2	1043.1	1041.0	1052.4	1063.8	1073.1	1082.1
10°	887.5	858.8	829.9	805.5	801.3	789.1	776.6	779.3	781.7	791.7	801.8
12.5°	771.3	737.1	702.9	674.3	661.3	641.1	620.7	608.0	595.3	596.6	597.7
15°	639.0	605.9	572.5	547.8	539.6	523.9	508.3	492.4	476.2	469.6	462.7
17.5°	488.7	462.2	435.4	418.9	418.9	414.4	409.9	402.0	393.8	387.1	380.2
20°	358.2	344.2	329.9	323.0	325.1	325.3	325.3	329.3	333.3	331.2	329.1
22.5°	296.4	291.4	286.4	283.4	284.5	284.8	285.0	288.8	292.2	294.9	297.2
25°	267.5	264.4	261.2	260.1	262.5	262.8	262.8	265.2	267.5	270.2	272.8
27.5°	245.0	243.7	242.4	240.5	242.9	242.9	242.6	245.3	247.7	250.0	252.2
30°	223.5	224.1	224.3	223.8	225.4	226.4	227.2	229.1	230.7	232.5	234.4
32.5°	208.4	207.6	206.8	206.3	209.7	211.6	213.4	215.3	216.9	217.7	218.5
35°	193.8	192.0	190.1	188.8	192.0	194.4	196.7	200.2	203.4	203.9	204.4
37.5°	184.0	181.6	179.2	177.7	179.0	180.0	181.1	184.8	188.5	190.6	192.5
40°	174.7	172.3	170.0	168.6	169.4	169.7	170.0	171.8	173.4	177.4	181.1
42.5°	167.3	164.4	161.5	159.9	160.4	160.9	161.2	160.9	160.7	164.4	168.1
45°	159.9	156.7	153.5	151.7	151.9	151.9	151.9	151.4	150.6	152.5	154.3
47.5°	154.1	150.3	146.6	144.8	144.2	143.7	143.2	142.9	142.4	143.7	144.8
50°	148.2	144.2	140.0	137.9	136.6	136.0	135.5	135.2	134.7	136.0	137.1
52.5°	143.7	138.9	134.2	130.7	129.4	128.6	127.8	128.1	128.1	128.6	128.9
55°	135.8	131.5	127.0	124.6	122.2	121.7	121.2	122.0	122.5	122.5	122.5
57.5°	127.0	123.0	118.8	117.2	115.1	115.1	114.8	115.9	116.7	117.2	117.7
60°	119.3	114.8	110.3	109.0	108.2	107.9	107.7	109.0	110.0	111.1	112.2
62.5°	112.2	107.4	102.6	101.0	100.8	101.0	101.0	102.3	103.4	104.5	105.5
65°	104.2	99.4	94.4	92.8	93.3	94.1	94.9	96.0	96.8	97.8	98.9
67.5°	95.5	91.5	87.2	85.6	85.9	87.0	88.0	88.8	89.4	90.4	91.5
70°	85.9	82.5	79.0	78.0	77.7	79.0	80.1	80.6	81.1	82.5	83.5
72.5°	75.6	72.7	69.7	68.9	69.2	70.0	70.8	71.6	72.1	73.4	74.5
75°	65.0	62.3	59.7	59.1	59.7	60.5	61.3	61.8	62.3	63.9	65.2
77.5°	54.6	51.7	48.5	48.3	49.1	49.8	50.4	51.2	52.0	54.1	56.2
80°	43.8	40.6	37.1	36.9	37.7	38.4	39.2	40.0	40.8	43.5	45.9
82.5°	32.1	28.4	24.7	24.1	26.8	27.6	28.4	29.7	30.8	33.1	35.5
85°	19.4	15.6	11.9	11.7	14.1	15.4	16.7	18.3	19.6	21.7	23.9
87.5°	2.1	1.1	0.0	0.0	0.3	1.3	2.4	3.7	5.0	7.2	9.0
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: P386139
 CATALOG NUMBER: GWC-SA1D-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: P386139
 CATALOG NUMBER: GWC-SA1D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5
2.5°	1698.6	1686.6	1698.8	1710.8	1715.8	1720.8	1707.9	1694.6	1715.3	1735.7	1741.0
5°	1391.5	1380.7	1388.9	1396.8	1379.1	1361.3	1359.4	1357.3	1372.7	1388.1	1390.5
7.5°	1078.6	1075.2	1082.9	1090.6	1068.0	1045.2	1034.1	1023.0	1026.7	1030.4	1029.9
10°	804.2	806.3	815.9	825.2	807.7	790.2	782.5	774.8	783.3	791.5	799.2
12.5°	602.4	606.9	617.0	626.8	619.7	612.2	613.0	613.8	623.6	633.2	641.7
15°	468.0	473.3	480.5	487.4	487.6	487.6	494.5	501.1	500.3	499.5	505.4
17.5°	387.4	394.3	395.1	395.9	396.1	396.4	395.9	395.3	391.4	387.4	391.9
20°	331.7	334.1	336.2	338.1	335.7	333.0	326.4	319.8	317.1	314.5	318.7
22.5°	301.7	306.0	303.9	301.5	296.7	291.7	286.6	281.3	281.1	280.5	282.9
25°	276.6	280.0	276.3	272.6	269.1	265.7	262.2	258.8	258.5	258.3	259.3
27.5°	255.6	258.8	255.3	251.9	249.0	246.1	243.4	240.8	240.2	239.7	240.0
30°	237.6	240.5	237.6	234.4	232.3	229.9	228.0	226.2	225.9	225.6	225.6
32.5°	221.4	224.3	222.2	220.1	218.2	216.4	215.0	213.7	212.4	211.1	208.1
35°	207.4	210.3	208.9	207.4	205.2	203.1	200.7	198.1	194.6	190.9	189.3
37.5°	195.4	198.3	197.0	195.7	192.8	189.8	185.6	181.1	180.0	178.7	178.4
40°	185.9	190.4	187.7	184.8	180.3	175.8	173.7	171.6	171.0	170.5	170.0
42.5°	175.3	182.2	177.4	172.6	168.4	164.1	163.6	163.1	162.8	162.5	162.5
45°	162.0	169.4	164.7	159.6	157.2	154.8	154.8	154.8	155.1	155.1	155.6
47.5°	149.5	154.1	151.7	149.3	148.0	146.6	146.9	147.2	148.0	148.5	149.8
50°	138.9	140.5	141.1	141.3	140.5	139.7	140.3	140.5	141.3	141.9	142.9
52.5°	131.3	133.6	133.6	133.4	133.4	133.4	133.9	134.4	135.2	136.0	137.1
55°	126.2	129.7	128.6	127.5	127.8	127.8	128.3	128.9	129.7	130.2	131.8
57.5°	121.4	125.2	124.1	123.0	123.0	123.0	123.3	123.6	124.4	124.9	125.9
60°	115.9	119.6	118.5	117.2	117.5	117.7	118.0	118.0	118.5	118.8	118.8
62.5°	109.2	113.0	111.9	110.6	111.4	111.9	111.9	111.9	112.4	112.7	111.9
65°	102.3	105.8	104.7	103.7	104.7	105.5	106.1	106.3	106.1	105.8	105.0
67.5°	94.9	98.4	97.3	96.0	97.3	98.4	99.4	100.2	99.4	98.6	97.6
70°	87.0	90.4	89.1	87.8	89.1	90.4	91.5	92.5	91.5	90.4	90.2
72.5°	78.5	82.5	80.9	79.3	80.9	82.5	83.0	83.5	82.7	81.9	81.4
75°	69.2	73.2	71.9	70.3	71.6	72.9	73.2	73.4	73.4	73.2	71.6
77.5°	59.4	62.6	61.8	61.0	61.8	62.6	62.6	62.6	62.8	62.8	60.7
80°	47.7	49.6	49.8	50.1	50.4	50.6	50.4	50.1	49.6	49.1	47.7
82.5°	35.5	35.5	37.7	39.5	39.5	39.2	39.0	38.4	37.4	36.1	33.1
85°	22.5	21.2	24.7	27.8	27.8	27.6	27.0	26.3	24.1	21.7	19.4
87.5°	7.7	6.4	9.8	13.3	13.5	13.5	13.0	12.5	10.3	8.0	6.1
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: P386139
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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: P386139

CATALOG NUMBER: GWC-SA1D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5
2.5°	1749.0	1752.4	1755.6	1781.6	1807.3	1837.5	1867.7	1890.8	1913.6	1937.2	1960.8
5°	1398.7	1402.9	1407.2	1438.7	1470.0	1512.2	1554.3	1590.7	1627.0	1669.7	1712.4
7.5°	1036.8	1046.0	1055.0	1088.7	1122.1	1167.5	1212.5	1260.0	1307.2	1362.9	1418.6
10°	814.3	831.8	849.0	883.5	918.0	962.8	1007.3	1056.9	1106.5	1161.4	1216.0
12.5°	659.2	682.5	705.6	746.9	788.3	841.9	895.2	950.3	1005.2	1053.5	1101.7
15°	520.8	546.2	571.4	615.2	658.9	717.8	776.4	836.6	896.5	954.3	1012.1
17.5°	406.2	427.2	447.8	485.0	521.8	578.8	635.8	698.9	762.1	832.6	902.8
20°	327.7	336.5	345.2	372.0	398.5	444.9	491.1	555.5	619.9	704.2	788.6
22.5°	287.2	291.7	295.9	308.9	321.6	351.6	381.3	438.3	495.0	587.0	678.8
25°	262.8	266.2	269.7	278.1	286.6	300.9	315.3	355.3	395.3	485.8	575.9
27.5°	240.8	246.1	251.1	255.1	258.8	268.6	278.1	304.4	330.6	415.0	499.0
30°	224.9	226.7	228.6	234.7	240.5	250.6	260.6	278.9	297.2	368.6	439.6
32.5°	206.3	208.9	211.6	218.0	224.3	233.6	242.9	257.7	272.3	333.3	394.0
35°	189.6	192.2	194.9	201.3	207.4	217.4	227.2	239.7	251.9	304.9	358.0
37.5°	179.2	181.9	184.5	190.1	195.4	205.5	215.3	225.1	234.7	283.7	332.8
40°	170.5	173.1	175.8	181.1	186.1	195.9	205.5	213.7	221.9	267.8	313.7
42.5°	162.8	165.7	168.6	173.9	179.0	187.7	196.5	207.4	218.0	254.0	289.8
45°	156.4	159.4	162.0	167.8	173.7	182.2	190.6	205.8	220.9	246.9	272.8
47.5°	150.6	153.8	156.7	163.1	169.4	180.0	190.4	203.1	215.6	241.3	267.0
50°	145.0	148.8	152.5	160.2	167.6	185.3	202.8	204.7	206.3	236.8	267.0
52.5°	139.7	144.0	148.2	157.8	167.0	187.7	208.4	201.8	194.9	228.3	261.7
55°	134.4	138.1	141.6	153.3	164.9	180.0	195.2	186.4	177.4	212.4	247.4
57.5°	127.3	131.3	135.0	147.4	159.9	170.5	180.8	172.9	164.7	194.4	223.8
60°	119.8	124.4	128.9	144.8	160.4	158.6	156.4	154.8	153.0	174.2	195.4
62.5°	113.2	118.0	122.8	143.4	164.1	151.4	138.7	140.0	141.1	156.7	172.3
65°	106.6	111.4	115.9	126.2	136.6	131.5	126.5	128.6	130.5	145.8	161.2
67.5°	99.2	103.4	107.4	110.8	114.3	114.8	115.3	117.5	119.6	137.9	155.9
70°	90.9	94.4	97.8	100.2	102.3	103.4	104.2	106.9	109.5	129.4	149.3
72.5°	81.7	84.6	87.2	89.4	91.5	92.3	92.8	95.5	98.1	119.3	140.5
75°	71.6	74.0	76.1	78.0	79.8	80.9	81.9	83.8	85.6	108.7	131.5
77.5°	60.5	62.8	65.0	66.6	67.9	68.9	69.7	72.1	74.5	93.9	113.0
80°	47.2	50.1	52.8	54.1	55.2	55.4	55.4	57.5	59.7	73.4	87.0
82.5°	33.4	36.6	39.5	40.6	41.6	41.6	41.6	44.0	46.4	55.7	64.7
85°	19.6	23.1	26.3	27.3	28.4	28.9	29.2	30.2	31.0	37.7	44.0
87.5°	6.1	9.0	11.7	12.2	12.7	13.8	14.8	15.1	15.1	19.6	24.1
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: P386139

CATALOG NUMBER: GWC-SA1D-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: P386139
 CATALOG NUMBER: GWC-SA1D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5
2.5°	1987.9	2014.9	2046.5	2077.7	2104.5	2131.3	2153.6
5°	1766.7	1821.1	1887.6	1953.9	2013.0	2072.2	2140.8
7.5°	1488.8	1559.1	1645.3	1731.5	1815.0	1898.2	2003.8
10°	1287.6	1358.9	1450.1	1541.1	1634.9	1728.5	1847.9
12.5°	1159.8	1217.6	1305.9	1394.2	1504.5	1614.5	1729.3
15°	1075.5	1138.6	1224.5	1310.4	1431.0	1551.7	1683.7
17.5°	985.6	1068.0	1178.1	1288.1	1431.0	1573.7	1729.3
20°	891.4	994.1	1136.7	1279.4	1471.9	1664.1	1862.7
22.5°	797.6	916.4	1099.3	1282.0	1533.6	1785.0	2053.1
25°	713.0	850.1	1076.5	1302.7	1623.5	1944.1	2276.6
27.5°	648.8	798.4	1067.2	1335.8	1737.6	2139.3	2519.8
30°	591.8	744.0	1056.1	1368.2	1847.3	2326.2	2709.9
32.5°	542.5	691.0	1034.6	1378.0	1924.0	2469.9	2870.8
35°	503.8	649.6	998.6	1347.5	1971.9	2596.4	3038.4
37.5°	470.4	608.0	957.5	1306.9	2014.6	2722.3	3226.9
40°	438.6	563.5	922.2	1280.7	2073.5	2866.3	3426.0
42.5°	408.3	526.9	893.8	1260.8	2128.1	2995.2	3600.3
45°	385.8	498.8	868.6	1238.3	2163.4	3088.5	3731.5
47.5°	374.7	482.0	855.1	1227.9	2198.7	3169.1	3840.5
50°	373.1	479.1	870.5	1261.9	2275.0	3287.9	3965.1
52.5°	372.8	483.9	914.8	1345.7	2416.9	3487.8	4100.1
55°	367.2	486.8	967.5	1448.0	2607.3	3766.2	4342.7
57.5°	350.3	476.7	1021.9	1566.8	2808.5	4050.0	4616.1
60°	324.0	452.4	1066.7	1680.8	2943.7	4206.4	4721.3
62.5°	291.1	409.7	1081.6	1753.2	2940.0	4126.8	4615.3
65°	263.0	364.9	1032.8	1700.4	2791.3	3881.8	4405.5
67.5°	238.1	320.0	910.8	1501.3	2523.7	3545.9	4138.8
70°	220.1	290.6	753.6	1216.5	2188.8	3160.9	3829.9
72.5°	208.7	276.6	614.4	951.9	1776.3	2600.4	3276.0
75°	193.0	254.5	482.0	709.3	1359.4	2009.6	2474.4
77.5°	163.9	214.5	363.3	512.0	997.5	1482.7	1720.8
80°	126.5	165.7	249.8	333.8	686.5	1039.1	1173.3
82.5°	90.2	115.6	151.4	187.2	456.1	724.7	735.8
85°	55.7	67.3	86.7	106.1	301.7	497.4	414.4
87.5°	30.0	35.8	45.9	55.7	96.5	137.3	79.0
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: P386139
 CATALOG NUMBER: GWC-SA1D-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

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1121 Highway 74 South
Peachtree City, GA 30269

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Scaled Data Report





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

Scaled Data Report



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

Scaled Data Report





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

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Signify Classified - Internal
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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





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

Scaled Data Report





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

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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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Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



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