

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: P385945

Luminaire Tested: **GWC-SA1C-735-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P385945  
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-735-U-SLR  
Description: GALLEON WALL LUMINAIRE  
(1) 70 CRI, 3500K, 1050mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6237.6 lumens  
Efficiency: N/A  
Efficacy: 105.7 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B1 - U0 - G2

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

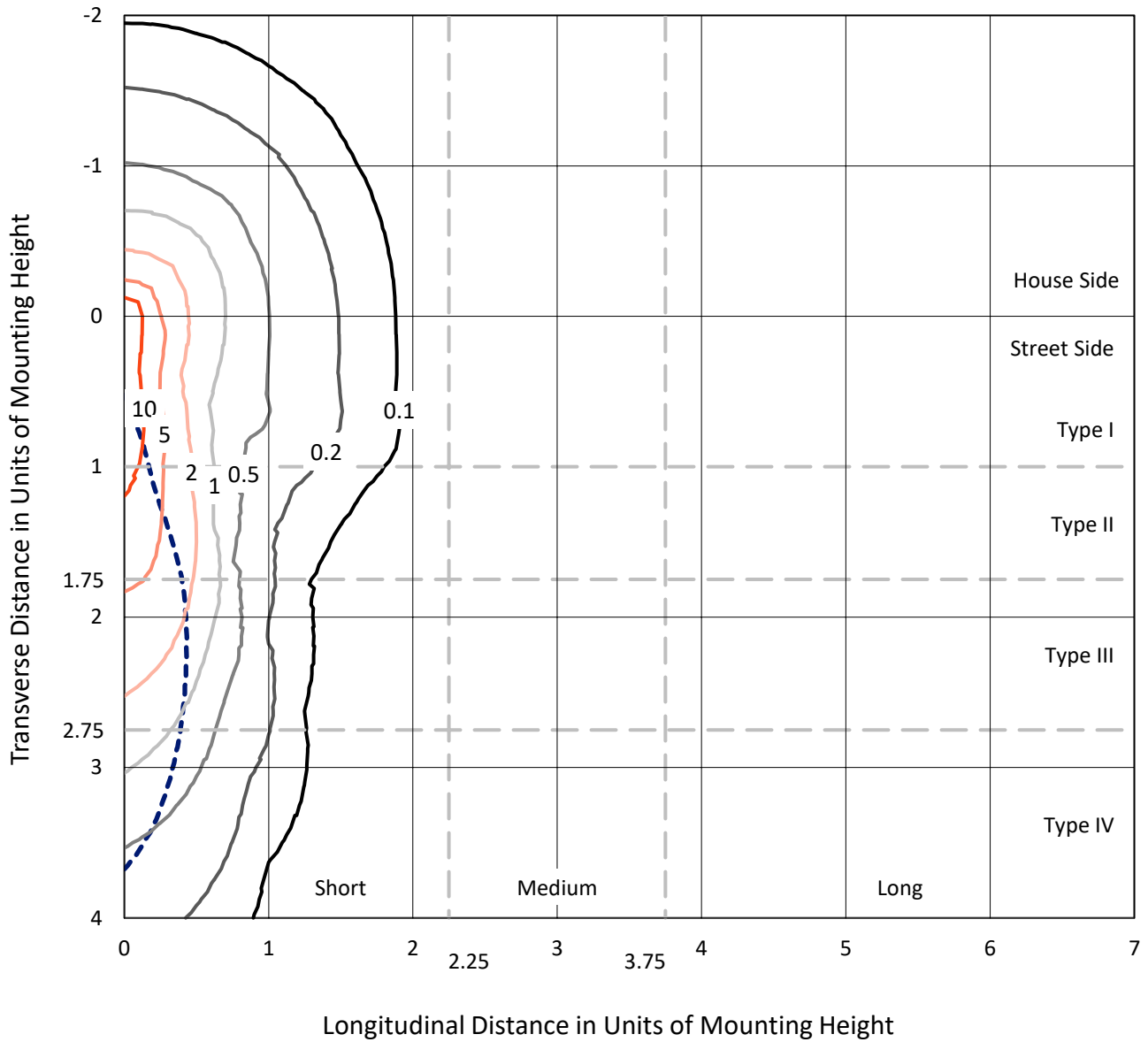




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### Iso-Footcandle Lines of Horizontal Illumination

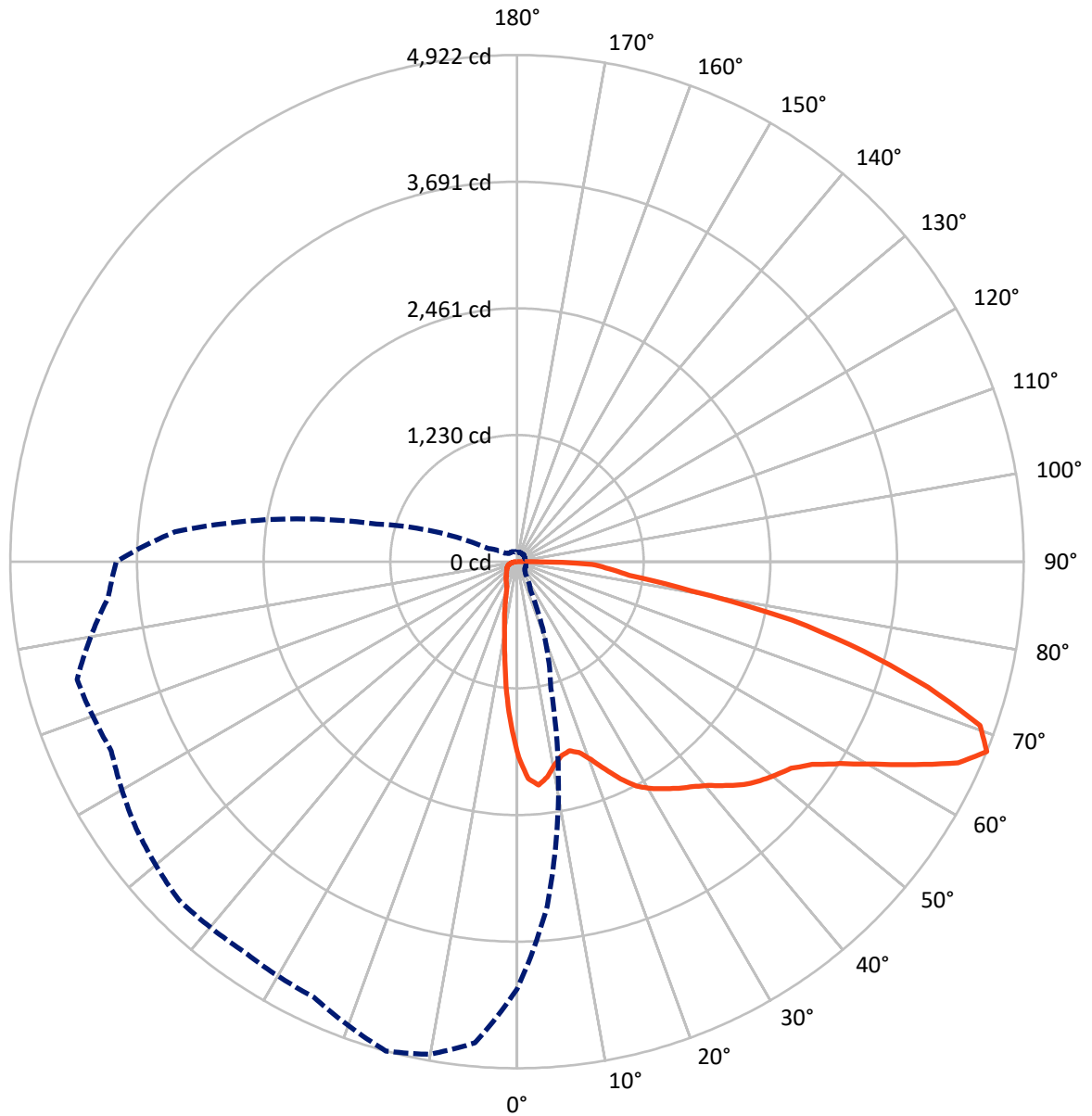
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 19 fc  
 Type IV - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral    - - - Horizontal Cone Through 67.5-Deg Vertical

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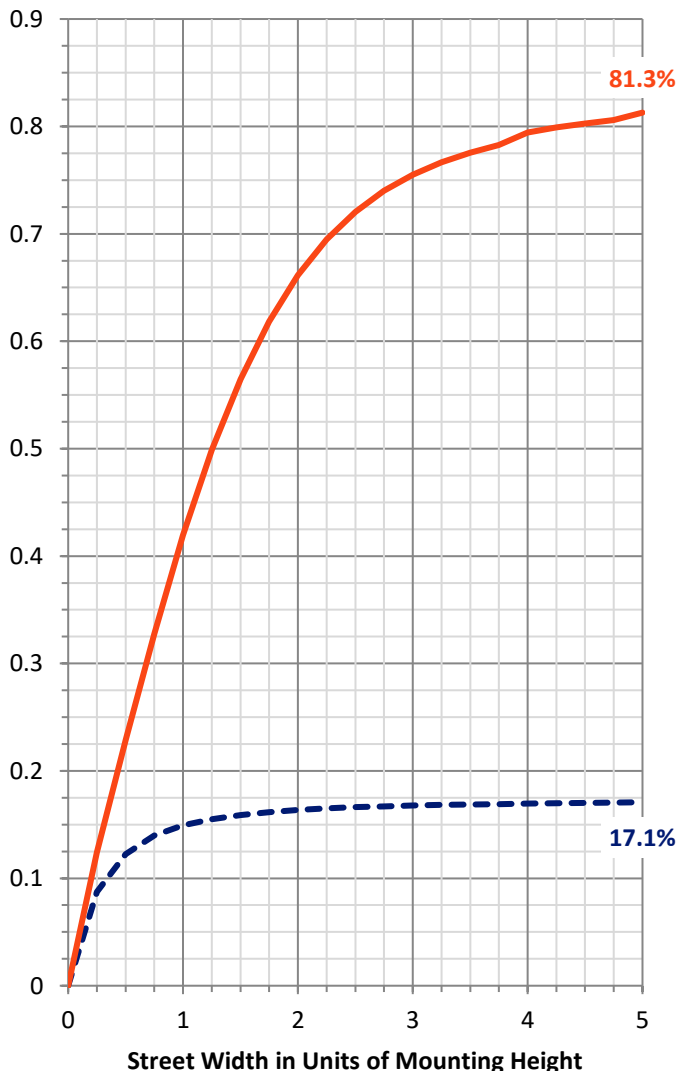
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1078.3	0.0	1078.3
	% Fixture	17.3	0.0	17.3
<b>Street Side</b>	Lumens	5159.2	0.0	5159.2
	% Fixture	82.7	0.0	82.7
<b>Total</b>	Lumens	6237.6	0.0	6237.6
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	146.7	2.4
10°-20°	304.7	4.9
20°-30°	433.3	6.9
30°-40°	624.4	10.0
40°-50°	880.0	14.1
50°-60°	1223.3	19.6
60°-70°	1479.3	23.7
70°-80°	909.3	14.6
80°-90°	236.6	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°	6237.6	100.0
0°-180°	6237.6	100.0

**Coefficient of Utilization**



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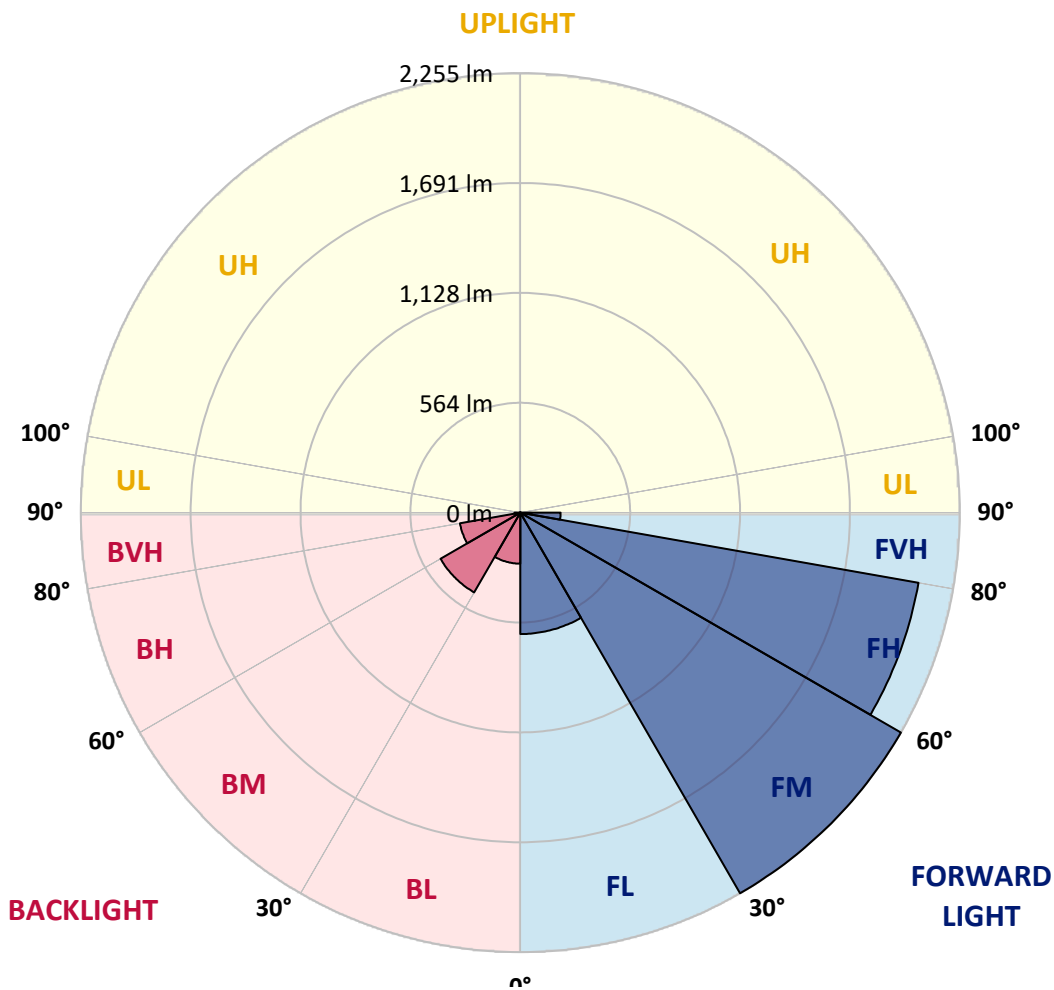
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	622.8	10.0			
FM (30°-60°)	2255.0	36.2			
FH (60°-80°)	2074.4	33.3			G2/5000
FVH (80°-90°)	207.0	3.3			G2/225
BL (0°-30°)	261.8	4.2	B1/500		
BM (30°-60°)	472.6	7.6	B1/1000		
BH (60°-80°)	314.2	5.0	B1/500		G1/500
BVH (80°-90°)	29.7	0.5			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 IV Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3
2.5°	2035.8	2017.8	1990.6	1963.4	1943.2	1922.8	1899.5	1876.3	1849.9	1823.3	1807.6
5°	2002.0	1952.2	1887.3	1822.5	1779.6	1736.8	1688.1	1639.4	1591.3	1543.2	1517.3
7.5°	1850.4	1775.6	1691.4	1607.0	1544.7	1482.1	1414.7	1347.2	1287.3	1227.2	1190.0
10°	1701.3	1611.5	1514.8	1417.7	1338.0	1258.1	1190.6	1122.8	1077.6	1032.5	998.3
12.5°	1594.3	1494.9	1388.3	1281.6	1201.8	1122.0	1079.1	1036.2	998.8	961.4	922.0
15°	1552.0	1439.4	1330.5	1221.2	1148.7	1076.1	1028.4	980.5	930.5	880.1	831.7
17.5°	1589.4	1457.7	1339.2	1220.7	1125.8	1030.7	964.1	897.3	831.2	765.1	709.0
20°	1706.0	1538.0	1383.1	1228.0	1101.5	975.1	885.8	796.3	711.5	626.7	563.1
22.5°	1869.9	1647.4	1445.2	1242.9	1079.6	916.0	804.0	691.8	591.5	491.3	428.9
25°	2068.9	1792.6	1534.7	1276.6	1070.6	864.3	726.7	589.1	483.3	377.4	332.9
27.5°	2278.6	1965.7	1645.9	1326.0	1072.1	818.2	661.6	504.7	409.5	314.2	283.8
30°	2453.4	2163.4	1775.6	1387.6	1077.9	768.1	600.3	432.4	353.9	275.3	255.6
32.5°	2613.3	2301.3	1873.4	1445.2	1084.3	723.2	552.9	382.3	318.2	253.9	237.7
35°	2778.4	2423.8	1941.7	1459.4	1073.1	686.6	520.4	354.3	295.3	235.9	222.2
37.5°	2960.2	2556.2	2007.6	1458.7	1054.2	649.7	495.2	340.6	280.3	219.7	209.8
40°	3162.9	2702.6	2078.9	1455.1	1036.9	618.5	476.6	334.4	272.0	209.5	201.0
42.5°	3361.2	2842.2	2145.2	1448.2	1023.0	597.5	458.1	318.7	264.6	210.2	198.3
45°	3510.1	2964.2	2202.8	1441.2	1012.5	583.8	443.7	303.5	257.6	211.7	196.5
47.5°	3623.1	3086.7	2266.7	1446.5	1011.5	576.6	433.4	290.3	244.4	198.3	192.0
50°	3766.7	3233.8	2359.7	1485.6	1025.3	564.9	421.5	277.8	231.7	185.5	194.0
52.5°	3945.5	3443.7	2503.9	1563.6	1053.9	544.2	402.5	260.9	216.2	171.3	184.6
55°	4208.1	3712.9	2688.2	1663.2	1088.6	513.8	373.8	233.7	195.8	157.6	169.4
57.5°	4443.8	3984.7	2865.0	1744.9	1110.3	475.3	337.7	200.0	172.8	145.6	152.4
60°	4548.8	4124.9	2947.7	1770.4	1097.3	424.2	297.0	169.6	152.7	135.6	134.4
62.5°	4507.9	4035.8	2866.2	1696.5	1034.0	371.3	261.2	150.9	138.2	125.2	122.4
65°	4388.2	3756.0	2637.7	1519.5	927.0	334.4	238.4	142.4	128.2	113.9	110.9
67.5°	4152.3	3357.8	2314.0	1270.3	791.1	311.7	225.5	139.1	121.9	104.5	101.0
70°	3728.8	2878.4	1941.3	1003.7	650.9	297.8	217.0	136.1	115.2	94.0	90.7
72.5°	3062.7	2307.8	1550.2	792.3	544.2	296.0	216.0	135.9	109.7	83.5	80.5
75°	2192.8	1752.9	1183.4	613.5	445.6	277.8	205.0	132.2	102.2	72.1	69.3
77.5°	1475.6	1213.2	822.4	431.5	330.7	230.0	172.3	114.7	87.6	60.3	57.6
80°	947.7	839.7	551.1	262.6	214.5	166.4	123.2	80.0	63.9	47.3	45.2
82.5°	695.2	625.0	383.1	141.2	119.2	97.0	75.3	53.6	43.7	33.6	32.7
85°	441.9	487.3	282.1	76.8	62.8	48.8	40.4	31.9	25.2	18.4	18.4
87.5°	85.8	118.7	78.1	37.2	27.1	17.2	14.7	11.9	6.8	1.2	1.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

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





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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3
2.5°	1791.6	1774.4	1757.1	1737.7	1718.1	1699.8	1681.3	1661.1	1664.9	1649.5	1634.0
5°	1491.3	1463.9	1436.2	1412.3	1388.3	1367.7	1346.7	1328.0	1344.2	1333.2	1322.3
7.5°	1152.6	1118.7	1084.6	1055.9	1027.2	1005.1	982.6	967.1	983.1	981.1	979.1
10°	964.1	931.2	898.1	866.4	834.7	807.8	780.5	757.6	753.7	742.2	730.5
12.5°	882.4	837.2	791.8	758.7	725.5	693.3	661.1	634.2	622.0	603.0	583.8
15°	783.4	729.9	676.6	638.9	601.0	569.8	538.5	515.3	507.5	492.8	478.1
17.5°	652.9	594.5	536.2	498.1	459.6	434.7	409.5	394.1	394.1	389.8	385.5
20°	499.5	447.4	395.3	366.1	337.0	323.7	310.3	303.7	305.8	306.0	306.0
22.5°	366.4	334.4	302.5	290.7	278.8	274.1	269.3	266.6	267.6	267.8	268.1
25°	288.6	276.3	263.9	257.9	251.7	248.7	245.7	244.6	246.9	247.2	247.2
27.5°	253.4	245.9	238.1	234.4	230.4	229.2	227.9	226.2	228.5	228.5	228.2
30°	235.7	227.7	219.7	214.9	210.2	210.7	211.0	210.5	212.0	213.0	213.7
32.5°	221.2	213.4	205.7	201.0	196.1	195.3	194.5	194.0	197.3	199.0	200.7
35°	208.3	199.7	191.3	186.8	182.3	180.6	178.8	177.5	180.6	182.8	185.1
37.5°	199.5	190.8	181.8	177.5	173.0	170.9	168.6	167.1	168.3	169.4	170.3
40°	192.5	183.6	174.4	169.4	164.3	162.1	159.9	158.6	159.3	159.6	159.9
42.5°	186.0	177.4	168.6	163.1	157.3	154.6	151.9	150.4	150.9	151.3	151.6
45°	181.3	172.6	163.6	157.1	150.4	147.4	144.4	142.7	142.9	142.9	142.9
47.5°	185.8	173.0	160.1	152.7	144.9	141.4	137.9	136.1	135.6	135.2	134.7
50°	202.3	180.6	158.6	149.2	139.4	135.6	131.7	129.6	128.4	127.9	127.5
52.5°	197.6	178.8	159.9	147.7	135.2	130.7	126.2	123.0	121.7	121.0	120.2
55°	180.8	169.1	157.1	142.4	127.7	123.7	119.5	117.2	115.0	114.5	113.9
57.5°	158.9	154.2	149.4	134.4	119.5	115.7	111.7	110.2	108.2	108.2	108.0
60°	132.9	139.9	146.9	129.6	112.3	108.0	103.7	102.5	101.7	101.5	101.3
62.5°	119.5	131.0	142.1	123.9	105.5	101.0	96.5	95.0	94.8	95.0	95.0
65°	108.0	111.5	115.0	106.5	98.0	93.6	88.8	87.3	87.7	88.5	89.2
67.5°	97.5	96.8	96.0	93.0	89.8	86.0	82.0	80.5	80.8	81.8	82.8
70°	87.6	86.5	85.3	83.0	80.8	77.6	74.3	73.3	73.1	74.3	75.3
72.5°	77.6	76.3	74.8	73.1	71.1	68.3	65.6	64.8	65.1	65.9	66.6
75°	66.6	65.6	64.3	62.8	61.1	58.6	56.1	55.6	56.1	56.8	57.6
77.5°	54.6	54.4	53.8	52.6	51.4	48.7	45.7	45.4	46.1	46.9	47.3
80°	42.6	42.9	43.1	42.2	41.1	38.1	34.9	34.7	35.4	36.2	36.9
82.5°	31.4	32.1	32.7	31.4	30.2	26.7	23.2	22.7	25.2	25.9	26.7
85°	18.2	19.2	20.2	19.2	18.2	14.7	11.2	11.0	13.2	14.5	15.7
87.5°	1.5	2.0	2.5	2.3	2.0	1.0	0.0	0.0	0.3	1.2	2.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**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: P385945

CATALOG NUMBER: GWC-SA1C-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3
2.5°	1624.2	1614.5	1611.5	1608.5	1597.5	1586.4	1597.8	1609.0	1613.8	1618.5	1606.3
5°	1320.8	1319.0	1319.0	1318.7	1308.8	1298.5	1306.3	1313.7	1297.0	1280.4	1278.6
7.5°	989.8	1000.5	1009.3	1017.7	1014.5	1011.3	1018.5	1025.7	1004.5	983.1	972.6
10°	732.9	735.2	744.7	754.1	756.4	758.4	767.4	776.1	759.6	743.2	735.9
12.5°	571.8	559.9	561.1	562.1	566.6	570.9	580.4	589.6	582.8	575.8	576.6
15°	463.1	447.9	441.7	435.2	440.2	445.2	451.8	458.3	458.6	458.6	465.1
17.5°	378.1	370.3	364.1	357.6	364.4	370.9	371.6	372.4	372.6	372.8	372.4
20°	309.7	313.5	311.5	309.5	312.0	314.2	316.2	318.0	315.7	313.2	307.0
22.5°	271.6	274.9	277.3	279.6	283.8	287.8	285.8	283.5	279.1	274.3	269.6
25°	249.4	251.7	254.1	256.6	260.1	263.3	259.8	256.4	253.2	249.9	246.7
27.5°	230.7	233.0	235.1	237.2	240.4	243.4	240.2	236.9	234.2	231.5	228.9
30°	215.5	217.0	218.7	220.5	223.5	226.2	223.5	220.5	218.5	216.2	214.5
32.5°	202.5	204.0	204.8	205.5	208.3	211.0	209.0	206.9	205.3	203.5	202.3
35°	188.3	191.3	191.8	192.3	195.0	197.7	196.5	195.0	193.0	191.1	188.8
37.5°	173.8	177.4	179.3	181.0	183.8	186.6	185.2	184.0	181.3	178.6	174.5
40°	161.6	163.1	166.8	170.3	174.8	179.0	176.6	173.8	169.6	165.3	163.4
42.5°	151.3	151.1	154.6	158.1	164.9	171.3	166.8	162.3	158.4	154.3	153.9
45°	142.4	141.7	143.4	145.1	152.4	159.3	154.9	150.1	147.9	145.6	145.6
47.5°	134.4	134.0	135.2	136.1	140.6	144.9	142.7	140.4	139.1	137.9	138.2
50°	127.2	126.7	127.9	129.0	130.7	132.2	132.6	132.9	132.2	131.4	131.9
52.5°	120.4	120.4	121.0	121.2	123.4	125.7	125.7	125.4	125.4	125.4	126.0
55°	114.7	115.2	115.2	115.2	118.7	121.9	121.0	120.0	120.2	120.2	120.7
57.5°	109.0	109.7	110.2	110.8	114.2	117.7	116.7	115.7	115.7	115.7	115.9
60°	102.5	103.5	104.5	105.5	109.0	112.4	111.5	110.2	110.5	110.8	110.9
62.5°	96.3	97.2	98.3	99.3	102.8	106.2	105.2	104.0	104.7	105.2	105.2
65°	90.3	91.0	92.1	93.0	96.3	99.5	98.5	97.5	98.5	99.3	99.8
67.5°	83.5	84.1	85.0	86.0	89.2	92.5	91.5	90.3	91.5	92.5	93.6
70°	75.8	76.3	77.6	78.5	81.8	85.0	83.8	82.6	83.8	85.0	86.0
72.5°	67.4	67.8	69.0	70.1	73.8	77.6	76.1	74.6	76.1	77.6	78.1
75°	58.1	58.6	60.1	61.3	65.1	68.9	67.5	66.1	67.4	68.6	68.9
77.5°	48.1	48.8	50.9	52.9	55.9	58.9	58.1	57.4	58.1	58.9	58.9
80°	37.7	38.4	40.9	43.1	44.9	46.6	46.9	47.2	47.3	47.6	47.3
82.5°	27.9	28.9	31.2	33.4	33.4	33.4	35.4	37.2	37.2	36.9	36.6
85°	17.2	18.4	20.5	22.5	21.2	19.9	23.2	26.2	26.2	25.9	25.5
87.5°	3.5	4.7	6.8	8.5	7.2	6.0	9.2	12.5	12.7	12.7	12.2
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: P385945  
 CATALOG NUMBER: GWC-SA1C-735-U-SLR

**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: P385945  
 CATALOG NUMBER: GWC-SA1C-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3
2.5°	1593.9	1613.3	1632.5	1637.5	1645.0	1648.2	1651.2	1675.6	1699.8	1728.2	1756.7
5°	1276.6	1291.1	1305.6	1307.8	1315.5	1319.5	1323.5	1353.2	1382.6	1422.2	1461.9
7.5°	962.1	965.6	969.1	968.6	975.1	983.8	992.3	1023.9	1055.4	1098.1	1140.4
10°	728.7	736.7	744.4	751.6	765.9	782.3	798.6	831.0	863.4	905.5	947.4
12.5°	577.4	586.6	595.6	603.6	620.0	641.9	663.6	702.5	741.5	791.8	841.9
15°	471.3	470.6	469.9	475.3	489.8	513.8	537.4	578.6	619.7	675.0	730.2
17.5°	371.8	368.1	364.4	368.6	382.1	401.8	421.2	456.2	490.8	544.4	598.0
20°	300.8	298.3	295.8	299.8	308.2	316.5	324.7	349.9	374.8	418.5	461.9
22.5°	264.6	264.3	263.9	266.1	270.1	274.3	278.3	290.6	302.5	330.7	358.7
25°	243.4	243.1	242.9	243.9	247.2	250.3	253.6	261.6	269.6	283.0	296.6
27.5°	226.5	225.9	225.5	225.7	226.5	231.5	236.2	239.9	243.4	252.6	261.6
30°	212.8	212.5	212.2	212.2	211.5	213.2	214.9	220.7	226.2	235.7	245.2
32.5°	201.0	199.7	198.5	195.8	194.0	196.5	199.0	205.0	211.0	219.7	228.5
35°	186.3	183.1	179.5	178.0	178.3	180.8	183.3	189.3	195.0	204.5	213.7
37.5°	170.3	169.4	168.1	167.9	168.6	171.1	173.6	178.8	183.8	193.2	202.5
40°	161.4	160.8	160.4	159.9	160.4	162.9	165.3	170.3	175.1	184.3	193.2
42.5°	153.4	153.1	152.8	152.8	153.1	155.8	158.6	163.6	168.3	176.6	184.8
45°	145.6	145.9	145.9	146.4	147.1	149.9	152.4	157.8	163.4	171.3	179.3
47.5°	138.4	139.1	139.7	140.9	141.7	144.7	147.4	153.4	159.3	169.4	179.0
50°	132.2	132.9	133.4	134.4	136.4	139.9	143.4	150.6	157.6	174.4	190.8
52.5°	126.4	127.2	127.9	129.0	131.4	135.5	139.4	148.4	157.1	176.6	196.1
55°	121.2	121.9	122.4	123.9	126.4	129.9	133.2	144.1	155.1	169.4	183.6
57.5°	116.2	117.0	117.4	118.5	119.7	123.4	126.9	138.7	150.4	160.4	170.1
60°	110.9	111.5	111.7	111.7	112.7	117.0	121.2	136.1	150.9	149.2	147.1
62.5°	105.2	105.8	106.0	105.2	106.5	110.9	115.5	134.9	154.3	142.4	130.4
65°	100.0	99.8	99.5	98.7	100.2	104.7	109.0	118.7	128.4	123.7	118.9
67.5°	94.2	93.6	92.8	91.8	93.3	97.2	101.0	104.3	107.5	108.0	108.5
70°	87.1	86.0	85.0	84.8	85.6	88.8	92.1	94.2	96.3	97.2	98.0
72.5°	78.5	77.8	77.0	76.6	76.8	79.6	82.0	84.1	86.0	86.8	87.3
75°	69.0	69.0	68.9	67.4	67.4	69.6	71.6	73.3	75.1	76.1	77.0
77.5°	58.9	59.1	59.1	57.1	56.8	59.1	61.1	62.6	63.9	64.8	65.6
80°	47.2	46.6	46.1	44.9	44.4	47.2	49.6	50.9	51.9	52.1	52.1
82.5°	36.2	35.1	33.9	31.2	31.4	34.4	37.2	38.1	39.2	39.2	39.2
85°	24.7	22.7	20.5	18.2	18.4	21.7	24.7	25.6	26.7	27.1	27.4
87.5°	11.7	9.8	7.5	5.7	5.7	8.5	11.0	11.5	11.9	13.0	14.0
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: P385945  
 CATALOG NUMBER: GWC-SA1C-735-U-SLR

**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: P385945

CATALOG NUMBER: GWC-SA1C-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3
2.5°	1778.4	1799.8	1822.0	1844.2	1869.7	1895.0	1924.7	1954.2	1979.4	2004.6	2025.5
5°	1496.1	1530.3	1570.4	1610.5	1661.7	1712.8	1775.4	1837.7	1893.3	1949.0	2013.5
7.5°	1185.0	1229.5	1281.8	1334.2	1400.3	1466.4	1547.5	1628.5	1707.1	1785.3	1884.6
10°	994.1	1040.7	1092.3	1143.7	1211.0	1278.1	1363.9	1449.4	1537.7	1625.7	1738.0
12.5°	893.8	945.4	990.8	1036.2	1090.8	1145.2	1228.3	1311.3	1415.0	1518.5	1626.5
15°	786.8	843.2	897.5	951.9	1011.5	1070.9	1151.7	1232.5	1346.0	1459.4	1583.6
17.5°	657.4	716.8	783.1	849.1	927.0	1004.5	1108.0	1211.5	1346.0	1480.1	1626.5
20°	522.5	583.1	662.4	741.7	838.4	935.0	1069.1	1203.3	1384.4	1565.1	1752.0
22.5°	412.2	465.6	552.2	638.4	750.1	861.9	1034.0	1205.8	1442.4	1678.9	1931.0
25°	334.1	371.8	456.9	541.7	670.6	799.5	1012.5	1225.3	1527.0	1828.5	2141.3
27.5°	286.3	310.9	390.3	469.3	610.2	750.9	1003.7	1256.4	1634.3	2012.1	2369.9
30°	262.4	279.6	346.6	413.5	556.6	699.8	993.3	1286.9	1737.5	2187.8	2548.8
32.5°	242.4	256.1	313.5	370.6	510.3	649.9	973.1	1296.1	1809.6	2323.0	2700.1
35°	225.5	236.9	286.8	336.7	473.8	611.0	939.2	1267.3	1854.6	2442.0	2857.7
37.5°	211.7	220.7	266.9	313.0	442.5	571.8	900.5	1229.2	1894.9	2560.4	3035.0
40°	201.0	208.7	251.9	295.1	412.5	529.9	867.3	1204.5	1950.2	2695.9	3222.3
42.5°	195.0	205.0	238.9	272.6	384.0	495.5	840.7	1185.8	2001.6	2817.1	3386.1
45°	193.5	207.7	232.2	256.6	362.9	469.1	817.0	1164.7	2034.7	2904.9	3509.6
47.5°	191.1	202.7	227.0	251.1	352.4	453.4	804.3	1154.9	2067.9	2980.7	3612.1
50°	192.5	194.0	222.7	251.1	350.9	450.6	818.8	1186.8	2139.8	3092.4	3729.3
52.5°	189.8	183.3	214.7	246.1	350.7	455.1	860.4	1265.6	2273.1	3280.5	3856.2
55°	175.3	166.8	199.7	232.7	345.4	457.9	910.0	1361.9	2452.2	3542.3	4084.5
57.5°	162.6	154.9	182.8	210.5	329.4	448.4	961.1	1473.6	2641.5	3809.1	4341.6
60°	145.6	143.9	163.8	183.8	304.7	425.5	1003.3	1580.8	2768.7	3956.3	4440.6
62.5°	131.7	132.6	147.4	162.1	273.8	385.3	1017.3	1648.9	2765.2	3881.5	4340.8
65°	121.0	122.7	137.2	151.6	247.4	343.2	971.3	1599.3	2625.3	3651.0	4143.6
67.5°	110.5	112.4	129.6	146.6	224.0	301.0	856.6	1412.0	2373.7	3335.0	3892.7
70°	100.5	103.0	121.7	140.4	206.9	273.4	708.8	1144.2	2058.7	2972.9	3602.1
72.5°	89.8	92.2	112.3	132.2	196.2	260.1	577.8	895.3	1670.6	2445.7	3081.1
75°	78.8	80.5	102.2	123.7	181.6	239.5	453.4	667.1	1278.6	1890.1	2327.3
77.5°	67.8	70.1	88.3	106.2	154.2	201.8	341.7	481.5	938.2	1394.5	1618.5
80°	54.1	56.1	69.0	81.8	118.9	155.8	234.9	313.9	645.6	977.3	1103.5
82.5°	41.4	43.7	52.3	60.9	84.8	108.7	142.4	176.0	428.9	681.5	692.1
85°	28.5	29.2	35.4	41.4	52.3	63.3	81.5	99.8	283.8	467.8	389.8
87.5°	14.2	14.2	18.4	22.7	28.2	33.6	43.1	52.3	90.7	129.2	74.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385945  
 CATALOG NUMBER: GWC-SA1C-735-U-SLR

**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: P385945

CATALOG NUMBER: GWC-SA1C-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3
2.5°	2052.2	2070.4	2088.8	2102.8	2117.0	2137.5	2158.0	2161.6	2165.7	2157.7	2149.7
5°	2078.6	2133.7	2189.1	2240.3	2291.4	2322.0	2352.7	2358.9	2365.2	2345.9	2326.5
7.5°	1980.6	2076.6	2172.6	2260.7	2348.7	2402.1	2455.7	2467.7	2479.9	2448.4	2417.1
10°	1849.7	1967.7	2085.6	2201.6	2317.6	2395.1	2472.7	2488.1	2503.6	2464.4	2425.2
12.5°	1748.4	1874.4	2000.3	2122.6	2245.0	2325.3	2405.6	2424.8	2444.0	2415.6	2386.9
15°	1717.3	1835.8	1954.2	2060.7	2167.4	2233.0	2298.9	2306.6	2314.6	2310.1	2305.6
17.5°	1773.9	1880.9	1988.1	2046.0	2104.1	2130.3	2156.7	2165.2	2173.9	2185.1	2196.6
20°	1911.0	1986.3	2062.0	2059.4	2056.7	2043.9	2031.0	2028.7	2026.6	2058.7	2091.1
22.5°	2115.8	2145.7	2175.9	2105.8	2035.8	1993.1	1950.2	1941.7	1933.0	1967.2	2001.6
25°	2338.0	2332.5	2326.8	2193.4	2059.7	1978.4	1897.1	1887.6	1878.1	1907.3	1936.7
27.5°	2558.0	2522.1	2486.1	2304.8	2123.5	2005.6	1887.6	1878.1	1868.6	1894.6	1920.5
30°	2719.3	2661.7	2604.1	2398.8	2193.6	2053.4	1913.3	1897.9	1882.1	1914.0	1946.0
32.5°	2845.2	2767.9	2690.6	2475.1	2259.7	2108.1	1956.5	1932.2	1908.1	1950.7	1993.3
35°	2970.9	2862.2	2753.2	2543.2	2333.0	2172.6	2012.1	1982.4	1952.7	2011.3	2069.9
37.5°	3129.0	2972.9	2816.6	2619.8	2423.1	2269.4	2115.5	2085.1	2054.7	2129.2	2204.1
40°	3300.7	3092.4	2884.1	2703.6	2523.0	2403.3	2283.4	2254.5	2225.2	2316.1	2406.8
42.5°	3443.3	3203.6	2964.0	2804.6	2645.0	2560.7	2476.1	2475.9	2475.4	2567.5	2659.4
45°	3559.3	3296.4	3033.3	2903.1	2772.7	2728.8	2684.9	2720.0	2755.2	2838.3	2921.5
47.5°	3645.8	3374.2	3102.3	3015.8	2929.3	2935.8	2942.3	3013.9	3085.4	3138.8	3192.3
50°	3702.2	3444.8	3187.2	3160.5	3133.8	3191.9	3250.2	3332.3	3414.6	3451.0	3487.4
52.5°	3784.2	3540.6	3296.6	3326.6	3356.5	3475.2	3593.9	3677.0	3760.0	3773.5	3787.2
55°	3973.9	3716.6	3458.9	3516.3	3573.9	3748.0	3922.3	3987.2	4052.0	4057.1	4062.0
57.5°	4243.5	3963.2	3682.9	3744.8	3806.6	4007.6	4208.9	4278.8	4348.8	4339.1	4329.1
60°	4445.3	4197.4	3949.3	4011.6	4074.0	4270.0	4466.0	4546.3	4626.9	4605.4	4584.0
62.5°	4457.8	4325.3	4192.7	4249.1	4305.6	4497.6	4689.7	4772.2	4854.8	4817.4	4780.0
65°	4259.5	4318.9	4378.2	4396.9	4415.6	4594.7	4774.0	4837.1	4900.4	4881.5	4862.5
67.5°	3986.4	4205.1	4424.1	4386.4	4348.8	4432.8	4516.9	4582.0	4647.1	4636.4	4625.4
70°	3713.9	4005.9	4297.9	4112.9	3927.6	3892.9	3858.3	3928.4	3998.6	3955.2	3911.6
72.5°	3249.7	3561.0	3872.5	3531.6	3190.7	3072.2	2953.7	3042.8	3131.8	3062.7	2993.4
75°	2550.9	2894.8	3239.0	2832.3	2425.5	2267.4	2109.3	2185.9	2262.4	2215.1	2167.4
77.5°	1899.1	2238.0	2576.9	2163.4	1749.7	1632.2	1514.5	1537.2	1560.1	1552.2	1544.0
80°	1288.1	1524.3	1760.7	1485.4	1210.0	1219.0	1228.3	1217.5	1206.6	1222.5	1238.5
82.5°	822.0	1004.3	1186.8	1040.7	894.6	978.4	1062.2	1021.0	979.6	994.8	1010.2
85°	469.1	647.4	826.0	769.8	713.5	762.4	811.5	747.7	683.8	711.8	740.0
87.5°	123.7	358.1	592.8	538.2	483.6	420.2	356.9	272.3	187.8	274.3	360.8
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: P385945  
 CATALOG NUMBER: GWC-SA1C-735-U-SLR

**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: P385945

CATALOG NUMBER: GWC-SA1C-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3	1900.3
2.5°	2145.5	2141.3	2126.0	2110.5	2087.6	2068.6	2035.8
5°	2299.5	2272.7	2226.3	2179.7	2127.7	2068.2	2002.0
7.5°	2354.2	2291.1	2202.0	2112.8	2032.5	1938.3	1850.4
10°	2331.0	2236.5	2120.8	2004.9	1907.3	1798.8	1701.3
12.5°	2286.6	2186.2	2058.7	1931.0	1820.0	1703.6	1594.3
15°	2225.5	2145.2	2025.8	1906.3	1794.6	1681.3	1552.0
17.5°	2158.7	2120.5	2034.3	1947.7	1851.0	1741.2	1589.4
20°	2104.8	2118.8	2084.3	2049.9	1972.4	1876.6	1706.0
22.5°	2068.5	2135.5	2161.9	2188.6	2142.0	2067.1	1869.9
25°	2048.0	2159.2	2247.7	2336.5	2315.8	2258.2	2068.9
27.5°	2056.9	2193.4	2330.7	2468.4	2487.6	2471.6	2278.6
30°	2083.9	2222.0	2389.3	2556.9	2633.5	2655.0	2453.4
32.5°	2128.8	2264.2	2446.5	2629.0	2744.7	2813.1	2613.3
35°	2196.6	2323.3	2513.3	2703.4	2852.9	2977.7	2778.4
37.5°	2313.1	2422.0	2597.3	2772.9	2967.0	3154.2	2960.2
40°	2483.7	2560.7	2708.8	2857.3	3101.4	3354.2	3162.9
42.5°	2698.9	2738.5	2855.9	2973.5	3241.8	3535.8	3361.2
45°	2932.0	2942.5	3016.3	3090.4	3353.0	3659.5	3510.1
47.5°	3156.5	3120.6	3150.0	3179.4	3438.3	3747.8	3623.1
50°	3387.5	3287.4	3271.9	3256.5	3523.6	3851.8	3766.7
52.5°	3622.3	3457.4	3396.4	3335.0	3625.3	3989.7	3945.5
55°	3852.3	3642.5	3560.2	3477.9	3781.0	4158.0	4208.1
57.5°	4091.4	3853.8	3777.5	3701.1	4009.6	4371.3	4443.8
60°	4348.8	4113.4	4052.3	3990.9	4294.0	4601.7	4548.8
62.5°	4593.0	4405.9	4373.7	4341.3	4581.4	4778.7	4507.9
65°	4756.1	4649.3	4679.2	4709.4	4798.9	4822.8	4388.2
67.5°	4647.1	4668.8	4795.2	4921.9	4860.2	4691.7	4152.3
70°	4041.6	4171.8	4471.2	4771.0	4634.3	4340.3	3728.8
72.5°	3139.5	3285.9	3730.5	4175.5	4049.5	3689.4	3062.7
75°	2332.5	2497.8	2988.7	3479.4	3304.6	2759.7	2192.8
77.5°	1654.6	1765.4	2249.9	2734.8	2449.8	1837.0	1475.6
80°	1204.5	1170.6	1440.7	1710.8	1663.4	1215.0	947.7
82.5°	927.5	844.7	971.9	1099.0	1092.0	843.2	695.2
85°	706.8	673.5	786.1	898.5	802.2	571.1	441.9
87.5°	412.0	463.4	595.8	728.5	546.6	173.3	85.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385945

CATALOG NUMBER: GWC-SA1C-735-U-SLR

**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







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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
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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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Peachtree City, GA 30269

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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
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Peachtree City, GA 30269

Scaled Data Report





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

Scaled Data Report





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

Scaled Data Report



(END OF REPORT)