

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: P386337

Luminaire Tested: **GWC-SA2A-727-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P386337  
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-SA2A-727-U-SLR  
Description: GALLEON WALL LUMINAIRE  
(2) 70 CRI, 2700K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7149 lumens  
Efficiency: N/A  
Efficacy: 108.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B1 - U0 - G3

Input Watts (W): 66  
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

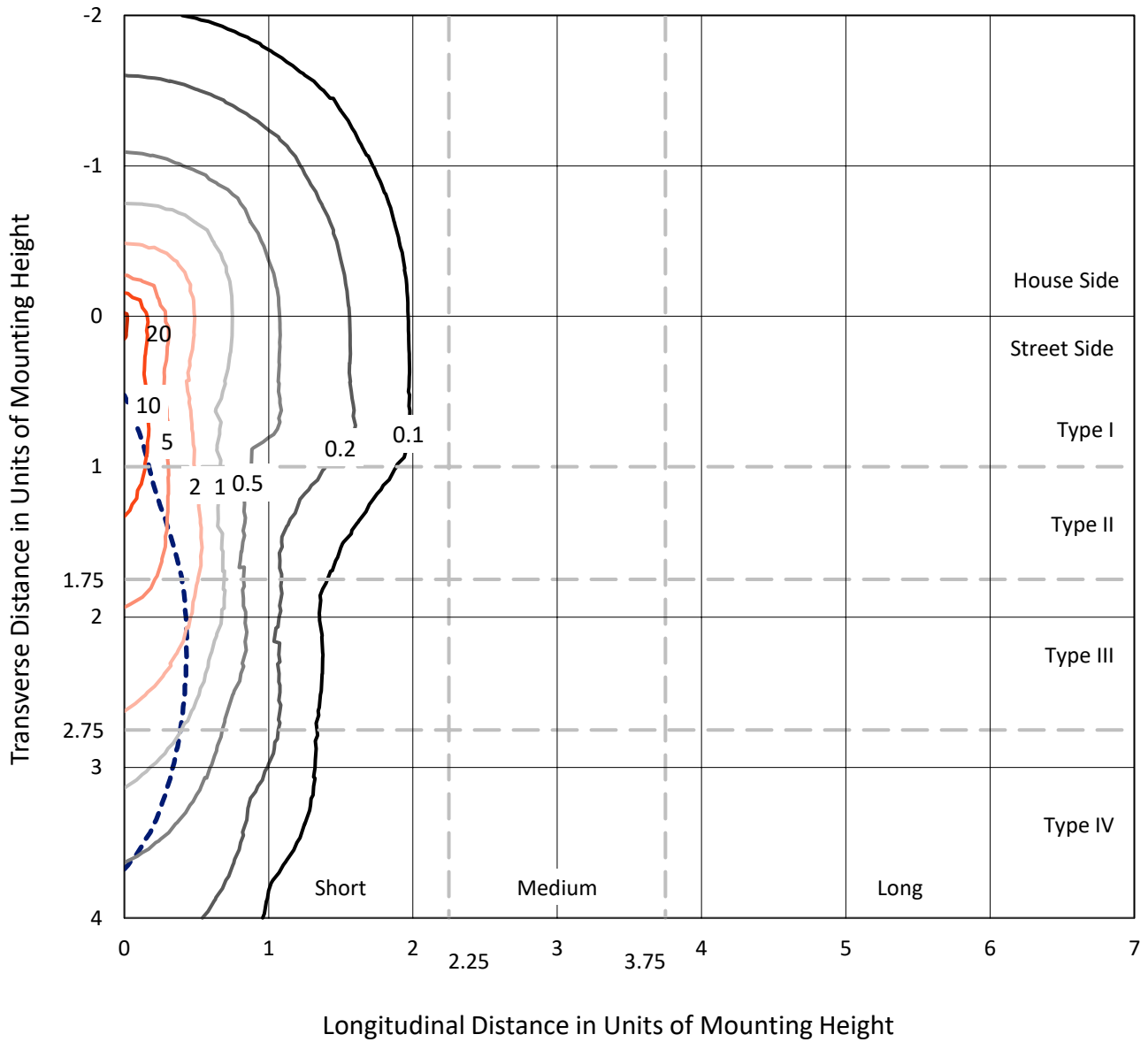




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### Iso-Footcandle Lines of Horizontal Illumination

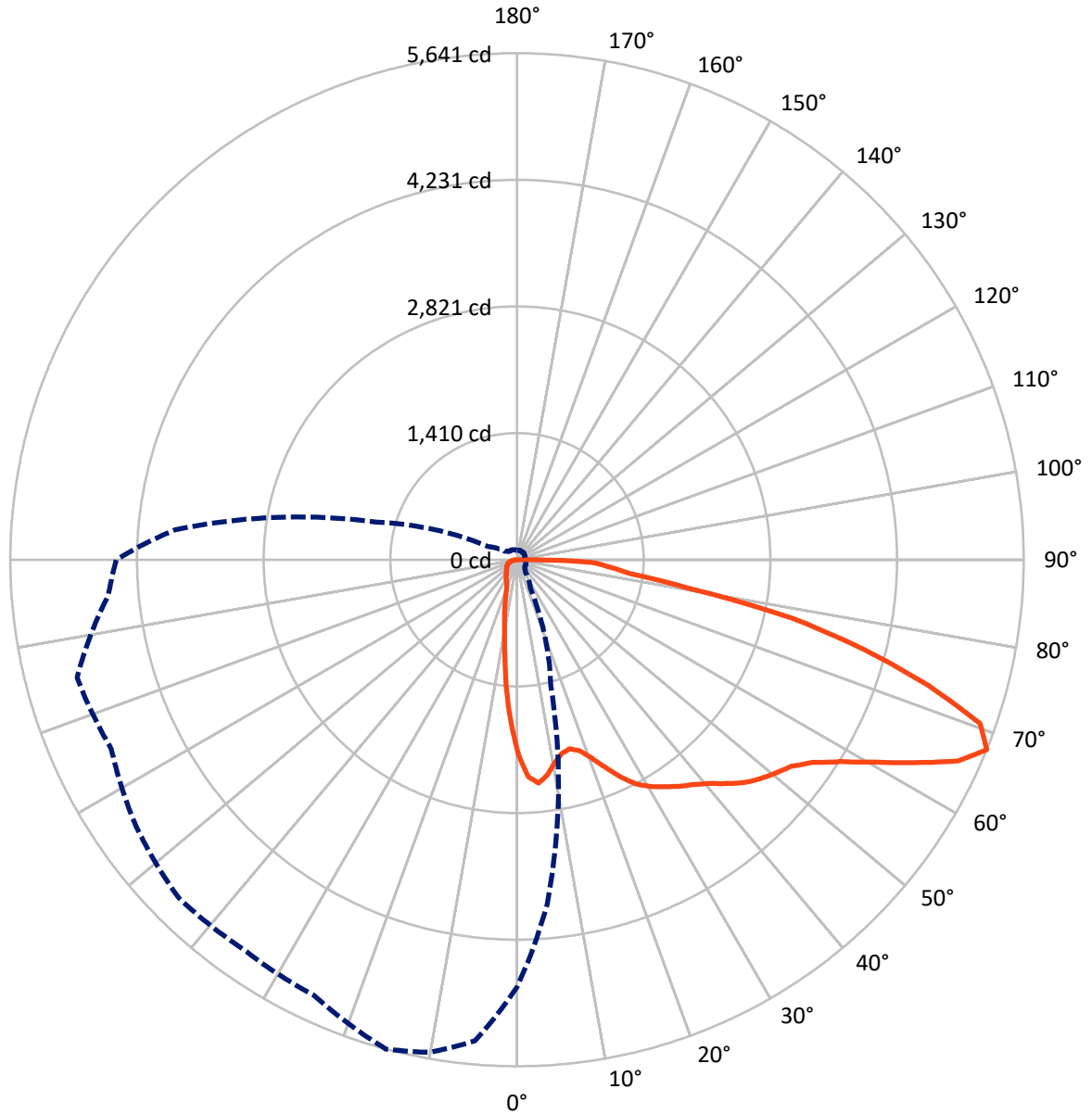
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 21.8 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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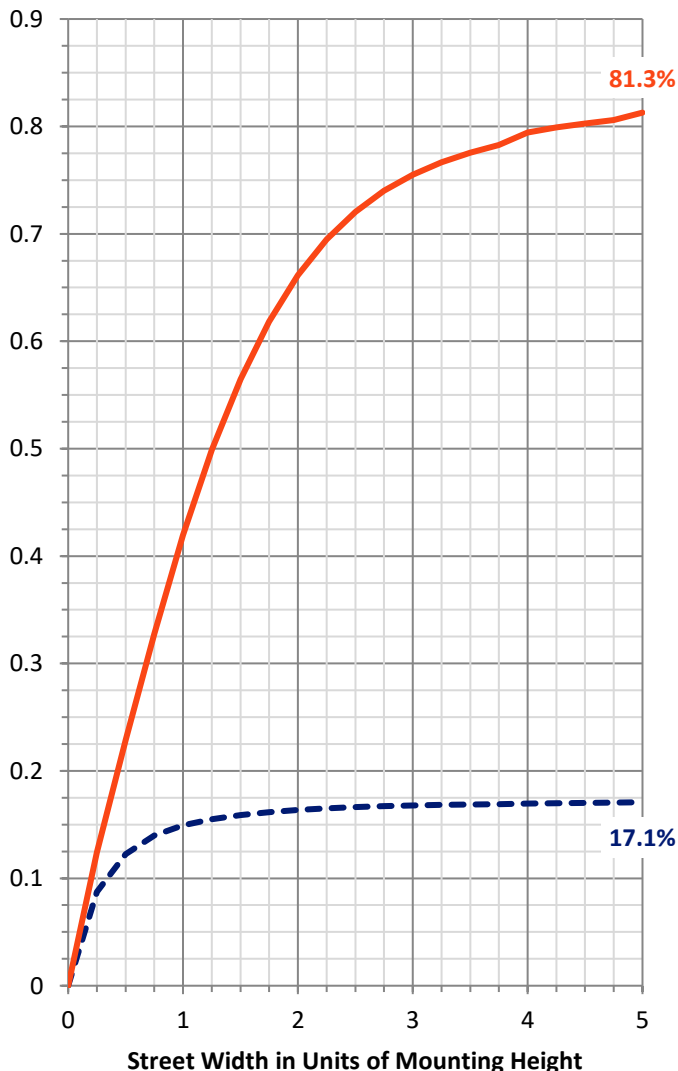
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1235.9	0.0	1235.9
	% Fixture	17.3	0.0	17.3
<b>Street Side</b>	Lumens	5913.1	0.0	5913.1
	% Fixture	82.7	0.0	82.7
<b>Total</b>	Lumens	7149.0	0.0	7149.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	168.1	2.4
10°-20°	349.2	4.9
20°-30°	496.6	6.9
30°-40°	715.6	10.0
40°-50°	1008.5	14.1
50°-60°	1402.0	19.6
60°-70°	1695.5	23.7
70°-80°	1042.2	14.6
80°-90°	271.2	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	7149.0	100.0
0°-180°	7149.0	100.0

**Coefficient of Utilization**



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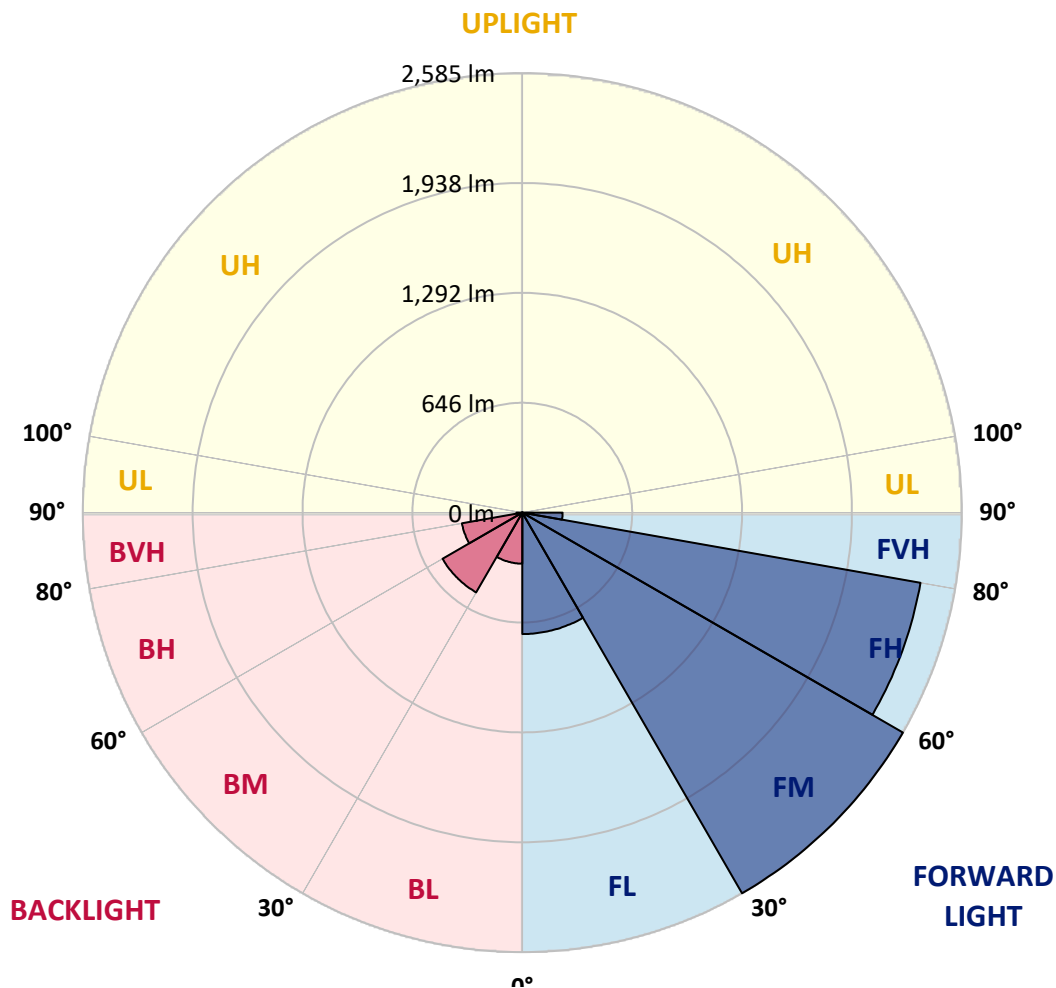
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	713.8	10.0			
FM (30°-60°)	2584.5	36.2			
FH (60°-80°)	2377.5	33.3			G2/5000
FVH (80°-90°)	237.2	3.3			G3/500
BL (0°-30°)	300.1	4.2	B1/500		
BM (30°-60°)	541.7	7.6	B1/1000		
BH (60°-80°)	360.2	5.0	B1/500		G1/500
BVH (80°-90°)	34.0	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-G3**

Type IV Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0
2.5°	2333.2	2312.6	2281.5	2250.3	2227.2	2203.7	2177.1	2150.6	2120.3	2089.7	2071.7
5°	2294.6	2237.4	2163.1	2088.8	2039.7	1990.5	1934.8	1879.0	1823.9	1768.7	1739.0
7.5°	2120.8	2035.1	1938.5	1841.9	1770.4	1698.7	1621.5	1544.0	1475.4	1406.5	1364.0
10°	1949.9	1847.0	1736.1	1624.9	1533.5	1442.0	1364.5	1286.8	1235.1	1183.3	1144.2
12.5°	1827.3	1713.2	1591.2	1468.9	1377.4	1285.9	1236.8	1187.6	1144.7	1101.9	1056.7
15°	1778.7	1649.8	1524.9	1399.7	1316.5	1233.3	1178.7	1123.9	1066.4	1008.7	953.2
17.5°	1821.6	1670.7	1534.9	1399.1	1290.2	1181.3	1105.0	1028.4	952.7	876.9	812.6
20°	1955.3	1762.7	1585.2	1407.4	1262.5	1117.6	1015.3	912.6	815.5	718.3	645.4
22.5°	2143.1	1888.2	1656.4	1424.6	1237.3	1049.8	921.5	792.9	678.0	563.1	491.6
25°	2371.2	2054.5	1759.0	1463.1	1227.1	990.7	832.9	675.1	553.9	432.5	381.6
27.5°	2611.6	2252.9	1886.5	1519.7	1228.8	937.8	758.3	578.5	469.3	360.1	325.3
30°	2812.0	2479.5	2035.1	1590.3	1235.3	880.3	688.0	495.6	405.6	315.6	293.0
32.5°	2995.2	2637.6	2147.1	1656.4	1242.8	828.9	633.7	438.2	364.7	291.0	272.4
35°	3184.4	2777.9	2225.4	1672.7	1229.9	786.9	596.5	406.2	338.4	270.4	254.7
37.5°	3392.8	2929.7	2300.9	1671.8	1208.2	744.6	567.6	390.4	321.3	251.8	240.4
40°	3625.1	3097.5	2382.6	1667.8	1188.5	708.8	546.2	383.3	311.8	240.1	230.4
42.5°	3852.4	3257.6	2458.7	1659.8	1172.5	684.8	525.1	365.3	303.3	241.0	227.2
45°	4023.0	3397.3	2524.7	1651.8	1160.5	669.1	508.5	347.8	295.3	242.7	225.2
47.5°	4152.5	3537.7	2597.9	1657.8	1159.3	660.8	496.8	332.7	280.1	227.2	220.1
50°	4317.1	3706.3	2704.5	1702.7	1175.0	647.4	483.0	318.4	265.5	212.7	222.4
52.5°	4522.0	3947.0	2869.7	1792.1	1207.9	623.7	461.3	299.0	247.8	196.4	211.5
55°	4823.0	4255.4	3080.9	1906.2	1247.6	588.8	428.5	267.8	224.4	180.6	194.1
57.5°	5093.1	4566.9	3283.6	1999.9	1272.5	544.8	387.0	229.2	198.1	166.9	174.6
60°	5213.5	4727.6	3378.5	2029.1	1257.6	486.2	340.4	194.4	174.9	155.5	154.1
62.5°	5166.6	4625.5	3285.0	1944.5	1185.0	425.6	299.3	172.9	158.3	143.5	140.3
65°	5029.4	4304.8	3023.2	1741.5	1062.4	383.3	273.2	163.2	146.9	130.6	127.2
67.5°	4759.0	3848.4	2652.2	1456.0	906.6	357.3	258.4	159.5	139.8	119.8	115.8
70°	4273.7	3299.0	2224.9	1150.4	746.0	341.3	248.7	156.1	132.1	107.8	104.0
72.5°	3510.2	2645.0	1776.7	908.1	623.7	339.3	247.5	155.8	125.8	95.8	92.3
75°	2513.3	2009.1	1356.2	703.1	510.8	318.4	234.9	151.5	117.2	82.6	79.5
77.5°	1691.2	1390.5	942.7	494.5	379.0	263.5	197.5	131.5	100.3	69.2	66.0
80°	1086.1	962.4	631.7	301.0	245.8	190.6	141.2	91.8	73.2	54.3	51.7
82.5°	796.9	716.3	439.0	161.8	136.6	111.2	86.3	61.5	50.0	38.6	37.4
85°	506.5	558.5	323.3	88.0	72.0	56.0	46.3	36.6	28.9	21.2	21.2
87.5°	98.3	136.1	89.5	42.6	31.2	19.7	16.9	13.7	7.7	1.4	1.7
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°	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0
2.5°	2053.4	2033.7	2013.9	1991.6	1969.1	1948.2	1927.0	1903.9	1908.2	1890.5	1872.7
5°	1709.2	1677.8	1646.1	1618.6	1591.2	1567.5	1543.5	1522.0	1540.6	1528.0	1515.4
7.5°	1321.1	1282.2	1243.1	1210.2	1177.3	1151.9	1126.2	1108.4	1126.7	1124.4	1122.2
10°	1105.0	1067.3	1029.3	993.0	956.7	925.8	894.6	868.3	863.8	850.6	837.2
12.5°	1011.3	959.5	907.5	869.5	831.5	794.6	757.7	726.9	712.8	691.1	669.1
15°	897.8	836.6	775.4	732.3	688.8	653.1	617.1	590.5	581.7	564.8	547.9
17.5°	748.3	681.4	614.5	570.8	526.8	498.2	469.3	451.6	451.6	446.7	441.9
20°	572.5	512.8	453.0	419.6	386.2	371.0	355.6	348.1	350.4	350.7	350.7
22.5°	419.9	383.3	346.7	333.3	319.6	314.1	308.7	305.5	306.7	307.0	307.3
25°	330.7	316.7	302.4	295.5	288.4	285.0	281.5	280.4	283.0	283.3	283.3
27.5°	290.4	281.8	273.0	268.7	264.1	262.7	261.2	259.2	261.8	261.8	261.5
30°	270.1	261.0	251.8	246.4	241.0	241.5	241.8	241.2	243.0	244.1	245.0
32.5°	253.5	244.7	235.8	230.4	224.7	223.8	222.9	222.4	226.1	228.1	230.1
35°	238.7	228.9	219.2	214.1	208.9	206.9	204.9	203.5	206.9	209.5	212.1
37.5°	228.7	218.7	208.4	203.5	198.4	195.8	193.2	191.5	192.9	194.1	195.2
40°	220.7	210.4	199.8	194.1	188.4	185.8	183.2	181.8	182.6	182.9	183.2
42.5°	213.2	203.2	193.2	186.9	180.4	177.2	174.1	172.4	172.9	173.5	173.8
45°	207.8	197.8	187.5	180.1	172.4	168.9	165.5	163.5	163.8	163.8	163.8
47.5°	212.9	198.4	183.5	174.9	166.1	162.1	158.1	156.1	155.5	154.9	154.3
50°	231.8	206.9	181.8	170.9	159.8	155.5	150.9	148.6	147.2	146.6	146.1
52.5°	226.4	204.9	183.2	169.2	154.9	149.8	144.6	140.9	139.5	138.6	137.8
55°	207.2	193.8	180.1	163.2	146.3	141.8	136.9	134.3	131.8	131.2	130.6
57.5°	182.1	176.6	171.2	154.1	136.9	132.6	128.0	126.3	124.0	124.0	123.8
60°	152.3	160.3	168.4	148.6	128.6	123.8	118.9	117.5	116.6	116.3	116.0
62.5°	136.9	150.1	162.9	142.1	120.9	115.8	110.6	108.9	108.6	108.9	108.9
65°	123.8	127.8	131.8	122.0	112.3	107.2	101.8	100.0	100.6	101.5	102.3
67.5°	111.8	110.9	110.0	106.6	102.9	98.6	94.0	92.3	92.6	93.8	94.9
70°	100.3	99.2	97.8	95.2	92.6	88.9	85.2	84.0	83.7	85.2	86.3
72.5°	88.9	87.5	85.7	83.7	81.5	78.3	75.2	74.3	74.6	75.5	76.3
75°	76.3	75.2	73.7	72.0	70.0	67.2	64.3	63.7	64.3	65.2	66.0
77.5°	62.6	62.3	61.7	60.3	58.9	55.7	52.3	52.0	52.9	53.7	54.3
80°	48.9	49.2	49.4	48.3	47.2	43.7	40.0	39.7	40.6	41.4	42.3
82.5°	36.0	36.9	37.4	36.0	34.6	30.6	26.6	26.0	28.9	29.7	30.6
85°	20.9	22.0	23.2	22.0	20.9	16.9	12.9	12.6	15.1	16.6	18.0
87.5°	1.7	2.3	2.9	2.6	2.3	1.1	0.0	0.0	0.3	1.4	2.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	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: P386337

CATALOG NUMBER: GWC-SA2A-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0
2.5°	1861.6	1850.4	1847.0	1843.6	1831.0	1818.1	1831.3	1844.1	1849.6	1855.0	1841.0
5°	1513.7	1511.7	1511.7	1511.4	1500.0	1488.3	1497.2	1505.7	1486.6	1467.4	1465.4
7.5°	1134.4	1146.7	1156.7	1166.5	1162.7	1159.0	1167.3	1175.6	1151.3	1126.7	1114.7
10°	840.0	842.6	853.5	864.3	866.9	869.2	879.5	889.5	870.6	851.8	843.5
12.5°	655.4	641.7	643.1	644.3	649.4	654.3	665.1	675.7	668.0	660.0	660.8
15°	530.8	513.3	506.2	498.8	504.5	510.2	517.9	525.3	525.6	525.6	533.1
17.5°	433.3	424.5	417.3	409.9	417.6	425.0	425.9	426.7	427.0	427.3	426.7
20°	355.0	359.3	357.0	354.7	357.6	360.1	362.4	364.4	361.9	359.0	351.9
22.5°	311.3	315.0	317.8	320.4	325.3	329.8	327.6	325.0	319.8	314.4	309.0
25°	285.8	288.4	291.3	294.1	298.1	301.8	297.8	293.8	290.1	286.4	282.7
27.5°	264.4	267.0	269.5	271.8	275.5	279.0	275.3	271.5	268.4	265.2	262.4
30°	247.0	248.7	250.7	252.7	256.1	259.2	256.1	252.7	250.4	247.8	245.8
32.5°	232.1	233.8	234.7	235.5	238.7	241.8	239.5	237.2	235.2	233.2	231.8
35°	215.8	219.2	219.8	220.4	223.5	226.7	225.2	223.5	221.2	218.9	216.4
37.5°	199.2	203.2	205.5	207.5	210.7	213.8	212.4	210.9	207.8	204.7	200.1
40°	185.2	186.9	191.2	195.2	200.4	205.2	202.4	199.2	194.4	189.5	187.2
42.5°	173.5	173.2	177.2	181.2	188.9	196.4	191.2	186.1	181.5	176.9	176.4
45°	163.2	162.3	164.3	166.4	174.6	182.6	177.5	172.1	169.5	166.9	166.9
47.5°	154.1	153.5	154.9	156.1	161.2	166.1	163.5	160.9	159.5	158.1	158.3
50°	145.8	145.2	146.6	147.8	149.8	151.5	152.1	152.3	151.5	150.6	151.2
52.5°	138.1	138.1	138.6	138.9	141.5	144.1	144.1	143.8	143.8	143.8	144.3
55°	131.5	132.1	132.1	132.1	136.1	139.8	138.6	137.5	137.8	137.8	138.3
57.5°	124.9	125.8	126.3	126.9	130.9	134.9	133.8	132.6	132.6	132.6	132.9
60°	117.5	118.6	119.8	120.9	124.9	128.9	127.8	126.3	126.6	126.9	127.2
62.5°	110.3	111.5	112.6	113.8	117.8	121.8	120.6	119.2	120.0	120.6	120.6
65°	103.5	104.3	105.5	106.6	110.3	114.0	112.9	111.8	112.9	113.8	114.3
67.5°	95.8	96.3	97.5	98.6	102.3	106.0	104.9	103.5	104.9	106.0	107.2
70°	86.9	87.5	88.9	90.0	93.8	97.5	96.0	94.6	96.0	97.5	98.6
72.5°	77.2	77.7	79.2	80.3	84.6	88.9	87.2	85.5	87.2	88.9	89.5
75°	66.6	67.2	68.9	70.3	74.6	78.9	77.5	75.7	77.2	78.6	78.9
77.5°	55.2	56.0	58.3	60.6	64.0	67.5	66.6	65.7	66.6	67.5	67.5
80°	43.2	44.0	46.9	49.4	51.4	53.4	53.7	54.0	54.3	54.6	54.3
82.5°	32.0	33.2	35.7	38.3	38.3	38.3	40.6	42.6	42.6	42.3	42.0
85°	19.7	21.2	23.4	25.7	24.3	22.9	26.6	30.0	30.0	29.7	29.2
87.5°	4.0	5.4	7.7	9.7	8.3	6.9	10.6	14.3	14.6	14.6	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



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**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: P386337  
 CATALOG NUMBER: GWC-SA2A-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0
2.5°	1826.7	1849.0	1871.0	1876.7	1885.3	1889.0	1892.5	1920.5	1948.2	1980.8	2013.4
5°	1463.1	1479.7	1496.3	1498.9	1507.7	1512.3	1516.9	1550.9	1584.6	1630.1	1675.5
7.5°	1102.7	1106.7	1110.7	1110.1	1117.6	1127.6	1137.3	1173.6	1209.6	1258.5	1307.1
10°	835.2	844.3	853.2	861.5	877.8	896.6	915.2	952.4	989.5	1037.8	1085.9
12.5°	661.7	672.3	682.6	691.7	710.6	735.7	760.6	805.2	849.8	907.5	964.9
15°	540.2	539.4	538.5	544.8	561.4	588.8	616.0	663.1	710.3	773.7	836.9
17.5°	426.2	421.9	417.6	422.5	437.9	460.5	482.8	522.8	562.5	624.0	685.4
20°	344.7	341.8	339.0	343.6	353.3	362.7	372.1	401.0	429.6	479.6	529.3
22.5°	303.3	303.0	302.4	305.0	309.5	314.4	319.0	333.0	346.7	379.0	411.0
25°	279.0	278.7	278.4	279.5	283.3	287.0	290.7	299.8	309.0	324.4	339.8
27.5°	259.5	259.0	258.4	258.7	259.5	265.2	270.7	275.0	279.0	289.5	299.8
30°	243.8	243.5	243.2	243.2	242.4	244.4	246.4	253.0	259.2	270.1	281.0
32.5°	230.4	228.9	227.5	224.4	222.4	225.2	228.1	234.9	241.8	251.8	261.8
35°	213.5	209.8	205.8	204.1	204.4	207.2	210.1	216.9	223.5	234.4	245.0
37.5°	195.2	194.1	192.6	192.4	193.2	196.1	198.9	204.9	210.7	221.5	232.1
40°	184.9	184.4	183.8	183.2	183.8	186.6	189.5	195.2	200.6	211.2	221.5
42.5°	175.8	175.5	175.2	175.2	175.5	178.6	181.8	187.5	192.9	202.4	211.8
45°	166.9	167.2	167.2	167.8	168.6	171.8	174.6	180.9	187.2	196.4	205.5
47.5°	158.6	159.5	160.1	161.5	162.3	165.8	168.9	175.8	182.6	194.1	205.2
50°	151.5	152.3	152.9	154.1	156.3	160.3	164.3	172.6	180.6	199.8	218.7
52.5°	144.9	145.8	146.6	147.8	150.6	155.2	159.8	170.1	180.1	202.4	224.7
55°	138.9	139.8	140.3	142.1	144.9	148.9	152.6	165.2	177.8	194.1	210.4
57.5°	133.2	134.1	134.6	135.8	137.2	141.5	145.5	158.9	172.4	183.8	194.9
60°	127.2	127.8	128.0	128.0	129.2	134.1	138.9	156.1	172.9	170.9	168.6
62.5°	120.6	121.2	121.5	120.6	122.0	127.2	132.3	154.6	176.9	163.2	149.5
65°	114.6	114.3	114.0	113.2	114.9	120.0	124.9	136.1	147.2	141.8	136.3
67.5°	108.0	107.2	106.3	105.2	106.9	111.5	115.8	119.5	123.2	123.8	124.3
70°	99.8	98.6	97.5	97.2	98.0	101.8	105.5	108.0	110.3	111.5	112.3
72.5°	90.0	89.2	88.3	87.7	88.0	91.2	94.0	96.3	98.6	99.5	100.0
75°	79.2	79.2	78.9	77.2	77.2	79.7	82.0	84.0	86.0	87.2	88.3
77.5°	67.5	67.7	67.7	65.5	65.2	67.7	70.0	71.7	73.2	74.3	75.2
80°	54.0	53.4	52.9	51.4	50.9	54.0	56.9	58.3	59.5	59.7	59.7
82.5°	41.4	40.3	38.9	35.7	36.0	39.4	42.6	43.7	44.9	44.9	44.9
85°	28.3	26.0	23.4	20.9	21.2	24.9	28.3	29.4	30.6	31.2	31.4
87.5°	13.4	11.1	8.6	6.6	6.6	9.7	12.6	13.1	13.7	14.9	16.0
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: P386337

CATALOG NUMBER: GWC-SA2A-727-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: P386337

CATALOG NUMBER: GWC-SA2A-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0
2.5°	2038.2	2062.8	2088.2	2113.7	2142.8	2172.0	2206.0	2239.7	2268.6	2297.5	2321.5
5°	1714.7	1753.8	1799.8	1845.9	1904.5	1963.1	2034.8	2106.3	2170.0	2233.7	2307.8
7.5°	1358.2	1409.1	1469.1	1529.2	1604.9	1680.7	1773.5	1866.4	1956.5	2046.2	2160.0
10°	1139.3	1192.8	1251.9	1310.8	1388.0	1464.9	1563.2	1661.2	1762.4	1863.3	1991.9
12.5°	1024.4	1083.6	1135.6	1187.6	1250.2	1312.5	1407.7	1502.9	1621.8	1740.4	1864.2
15°	901.8	966.4	1028.7	1091.0	1159.3	1227.3	1319.9	1412.6	1542.6	1672.7	1815.0
17.5°	753.4	821.5	897.5	973.2	1062.4	1151.3	1269.9	1388.5	1542.6	1696.4	1864.2
20°	598.8	668.3	759.2	850.0	960.9	1071.6	1225.3	1379.1	1586.6	1793.8	2007.9
22.5°	472.5	533.6	632.8	731.7	859.8	987.8	1185.0	1382.0	1653.2	1924.2	2213.1
25°	383.0	426.2	523.6	620.8	768.6	916.4	1160.5	1404.3	1750.1	2095.7	2454.1
27.5°	328.1	356.4	447.3	537.9	699.4	860.6	1150.4	1440.0	1873.0	2306.0	2716.2
30°	300.7	320.4	397.3	473.9	638.0	802.0	1138.4	1474.9	1991.3	2507.5	2921.1
32.5°	277.8	293.5	359.3	424.7	584.8	744.9	1115.3	1485.4	2074.0	2662.5	3094.6
35°	258.4	271.5	328.7	385.9	543.1	700.3	1076.4	1452.6	2125.7	2798.8	3275.3
37.5°	242.7	253.0	305.8	358.7	507.1	655.4	1032.1	1408.8	2171.7	2934.6	3478.5
40°	230.4	239.2	288.7	338.1	472.8	607.4	994.1	1380.5	2235.2	3089.8	3693.2
42.5°	223.5	234.9	273.8	312.4	440.2	567.9	963.5	1359.1	2294.0	3228.7	3880.9
45°	221.8	238.1	266.1	294.1	415.9	537.6	936.4	1334.8	2332.1	3329.3	4022.4
47.5°	218.9	232.4	260.1	287.8	403.9	519.6	921.8	1323.7	2370.1	3416.2	4139.9
50°	220.7	222.4	255.2	287.8	402.2	516.5	938.4	1360.2	2452.4	3544.2	4274.2
52.5°	217.5	210.1	246.1	282.1	401.9	521.6	986.1	1450.6	2605.3	3759.8	4419.7
55°	200.9	191.2	228.9	266.7	395.9	524.8	1043.0	1560.9	2810.5	4059.9	4681.3
57.5°	186.4	177.5	209.5	241.2	377.6	513.9	1101.6	1688.9	3027.5	4365.7	4975.9
60°	166.9	164.9	187.8	210.7	349.3	487.6	1149.9	1811.8	3173.2	4534.3	5089.4
62.5°	150.9	152.1	168.9	185.8	313.8	441.6	1165.9	1889.9	3169.2	4448.6	4975.1
65°	138.6	140.6	157.2	173.8	283.5	393.3	1113.3	1833.0	3008.9	4184.5	4749.0
67.5°	126.6	128.9	148.6	168.1	256.7	345.0	981.8	1618.3	2720.5	3822.3	4461.5
70°	115.2	118.0	139.5	160.9	237.2	313.3	812.3	1311.4	2359.5	3407.3	4128.5
72.5°	102.9	105.8	128.6	151.5	224.9	298.1	662.3	1026.1	1914.7	2803.1	3531.4
75°	90.3	92.3	117.2	141.8	208.1	274.4	519.6	764.6	1465.4	2166.3	2667.3
77.5°	77.7	80.3	101.2	121.8	176.6	231.2	391.6	551.9	1075.3	1598.3	1855.0
80°	62.0	64.3	79.2	93.8	136.3	178.6	269.2	359.9	740.0	1120.2	1264.8
82.5°	47.4	50.0	60.0	69.7	97.2	124.6	163.2	201.8	491.6	781.2	793.2
85°	32.6	33.4	40.6	47.4	60.0	72.6	93.5	114.3	325.3	536.2	446.7
87.5°	16.3	16.3	21.2	26.0	32.3	38.6	49.4	60.0	104.0	148.1	85.2
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: P386337  
 CATALOG NUMBER: GWC-SA2A-727-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: P386337

CATALOG NUMBER: GWC-SA2A-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0
2.5°	2352.1	2372.9	2394.1	2410.1	2426.4	2449.8	2473.3	2477.5	2482.1	2473.0	2463.8
5°	2382.4	2445.5	2509.0	2567.6	2626.2	2661.3	2696.5	2703.6	2710.8	2688.8	2666.5
7.5°	2270.0	2380.1	2490.1	2591.0	2691.9	2753.1	2814.5	2828.2	2842.3	2806.2	2770.2
10°	2120.0	2255.2	2390.4	2523.3	2656.2	2745.1	2834.0	2851.7	2869.4	2824.5	2779.7
12.5°	2003.9	2148.3	2292.6	2432.7	2573.0	2665.0	2757.1	2779.1	2801.1	2768.5	2735.6
15°	1968.2	2104.0	2239.7	2361.8	2484.1	2559.3	2634.7	2643.6	2652.7	2647.6	2642.5
17.5°	2033.1	2155.7	2278.6	2344.9	2411.5	2441.5	2471.8	2481.5	2491.5	2504.4	2517.6
20°	2190.3	2276.6	2363.2	2360.3	2357.2	2342.6	2327.8	2325.2	2322.6	2359.5	2396.6
22.5°	2424.9	2459.2	2493.8	2413.5	2333.2	2284.3	2235.2	2225.4	2215.4	2254.6	2294.0
25°	2679.6	2673.3	2666.8	2513.8	2360.6	2267.5	2174.3	2163.4	2152.6	2186.0	2219.7
27.5°	2931.7	2890.6	2849.4	2641.6	2433.8	2298.6	2163.4	2152.6	2141.7	2171.4	2201.1
30°	3116.6	3050.6	2984.6	2749.4	2514.1	2353.5	2192.9	2175.1	2157.1	2193.7	2230.3
32.5°	3261.0	3172.4	3083.8	2836.8	2589.9	2416.1	2242.3	2214.6	2186.9	2235.7	2284.6
35°	3405.0	3280.4	3155.5	2914.9	2673.9	2490.1	2306.0	2272.0	2238.0	2305.2	2372.4
37.5°	3586.3	3407.3	3228.1	3002.6	2777.1	2601.0	2424.7	2389.8	2354.9	2440.4	2526.1
40°	3782.9	3544.2	3305.6	3098.6	2891.7	2754.5	2617.0	2583.9	2550.4	2654.5	2758.5
42.5°	3946.4	3671.7	3397.0	3214.4	3031.5	2934.9	2838.0	2837.7	2837.1	2942.6	3048.0
45°	4079.3	3778.0	3476.5	3327.3	3177.8	3127.5	3077.2	3117.5	3157.8	3253.0	3348.4
47.5°	4178.5	3867.2	3555.7	3456.5	3357.3	3364.7	3372.2	3454.2	3536.2	3597.4	3658.9
50°	4243.1	3948.1	3652.9	3622.3	3591.7	3658.3	3725.2	3819.2	3913.5	3955.3	3997.0
52.5°	4337.1	4057.9	3778.3	3812.6	3846.9	3983.0	4119.0	4214.2	4309.4	4324.8	4340.6
55°	4554.6	4259.7	3964.4	4030.1	4096.2	4295.7	4495.5	4569.8	4644.1	4649.8	4655.5
57.5°	4863.6	4542.3	4221.1	4292.0	4362.8	4593.2	4823.9	4903.9	4984.2	4973.1	4961.6
60°	5094.8	4810.7	4526.3	4597.8	4669.2	4893.9	5118.6	5210.6	5302.9	5278.3	5253.8
62.5°	5109.1	4957.4	4805.3	4869.9	4934.8	5154.9	5375.0	5469.6	5564.2	5521.3	5478.4
65°	4881.9	4949.9	5018.0	5039.4	5060.8	5266.1	5471.6	5543.9	5616.5	5594.8	5573.0
67.5°	4568.9	4819.6	5070.5	5027.4	4984.2	5080.6	5176.9	5251.5	5326.1	5313.8	5301.2
70°	4256.5	4591.2	4925.9	4713.8	4501.5	4461.7	4422.0	4502.3	4582.9	4533.2	4483.2
72.5°	3724.6	4081.3	4438.3	4047.6	3656.9	3521.1	3385.3	3487.4	3589.4	3510.2	3430.8
75°	2923.7	3317.9	3712.3	3246.1	2779.9	2598.7	2417.5	2505.3	2593.0	2538.7	2484.1
77.5°	2176.6	2565.0	2953.4	2479.5	2005.4	1870.7	1735.8	1761.8	1788.1	1779.0	1769.5
80°	1476.3	1747.0	2017.9	1702.4	1386.8	1397.1	1407.7	1395.4	1382.8	1401.1	1419.4
82.5°	942.1	1151.0	1360.2	1192.8	1025.3	1121.3	1217.3	1170.2	1122.7	1140.2	1157.9
85°	537.6	742.0	946.7	882.3	817.7	873.8	930.1	856.9	783.7	815.7	848.0
87.5°	141.8	410.4	679.4	616.8	554.2	481.6	409.0	312.1	215.2	314.4	413.6
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: P386337

CATALOG NUMBER: GWC-SA2A-727-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: P386337

CATALOG NUMBER: GWC-SA2A-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0	2178.0
2.5°	2459.0	2454.1	2436.7	2418.9	2392.6	2370.9	2333.2
5°	2635.6	2604.7	2551.6	2498.1	2438.7	2370.4	2294.6
7.5°	2698.2	2625.9	2523.8	2421.5	2329.5	2221.4	2120.8
10°	2671.6	2563.3	2430.7	2297.8	2186.0	2061.7	1949.9
12.5°	2620.7	2505.5	2359.5	2213.1	2086.0	1952.5	1827.3
15°	2550.7	2458.7	2321.8	2184.9	2056.8	1927.0	1778.7
17.5°	2474.1	2430.4	2331.5	2232.3	2121.4	1995.6	1821.6
20°	2412.4	2428.4	2388.9	2349.5	2260.6	2150.8	1955.3
22.5°	2370.6	2447.5	2477.8	2508.4	2455.0	2369.2	2143.1
25°	2347.2	2474.7	2576.1	2677.9	2654.2	2588.2	2371.2
27.5°	2357.5	2513.8	2671.3	2829.1	2851.1	2832.8	2611.6
30°	2388.4	2546.7	2738.5	2930.6	3018.3	3042.9	2812.0
32.5°	2439.8	2595.0	2804.0	3013.2	3145.8	3224.1	2995.2
35°	2517.6	2662.8	2880.6	3098.4	3269.8	3412.8	3184.4
37.5°	2651.0	2775.9	2976.9	3178.1	3400.5	3615.1	3392.8
40°	2846.5	2934.9	3104.6	3274.7	3554.5	3844.4	3625.1
42.5°	3093.2	3138.7	3273.3	3407.9	3715.4	4052.4	3852.4
45°	3360.5	3372.5	3457.1	3542.0	3842.9	4194.2	4023.0
47.5°	3617.7	3576.5	3610.3	3644.0	3940.7	4295.4	4152.5
50°	3882.4	3767.8	3750.0	3732.3	4038.4	4414.6	4317.1
52.5°	4151.6	3962.7	3892.7	3822.3	4155.0	4572.6	4522.0
55°	4415.2	4174.8	4080.4	3986.1	4333.4	4765.6	4823.0
57.5°	4689.3	4416.9	4329.4	4241.9	4595.5	5010.0	5093.1
60°	4984.2	4714.4	4644.4	4574.1	4921.3	5274.1	5213.5
62.5°	5264.1	5049.7	5012.8	4975.7	5250.9	5477.0	5166.6
65°	5451.0	5328.6	5362.9	5397.5	5500.1	5527.6	5029.4
67.5°	5326.1	5350.9	5495.9	5641.1	5570.5	5377.2	4759.0
70°	4632.1	4781.3	5124.6	5468.1	5311.5	4974.5	4273.7
72.5°	3598.3	3766.0	4275.7	4785.6	4641.2	4228.5	3510.2
75°	2673.3	2862.8	3425.3	3987.8	3787.5	3162.9	2513.3
77.5°	1896.5	2023.4	2578.7	3134.4	2807.7	2105.4	1691.2
80°	1380.5	1341.7	1651.2	1960.8	1906.5	1392.5	1086.1
82.5°	1063.0	968.1	1113.9	1259.6	1251.6	966.4	796.9
85°	810.0	772.0	900.9	1029.8	919.5	654.5	506.5
87.5°	472.2	531.1	682.8	834.9	626.5	198.6	98.3
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: P386337

CATALOG NUMBER: GWC-SA2A-727-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  
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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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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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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  
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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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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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(END OF REPORT)