

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: P386561

Luminaire Tested: **GWC-SA2B-727-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P386561  
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-SA2B-727-U-SLR  
Description: GALLEON WALL LUMINAIRE  
(2) 70 CRI, 2700K, 800mA 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: 8765 lumens  
Efficiency: N/A  
Efficacy: 101.9 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): 86  
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

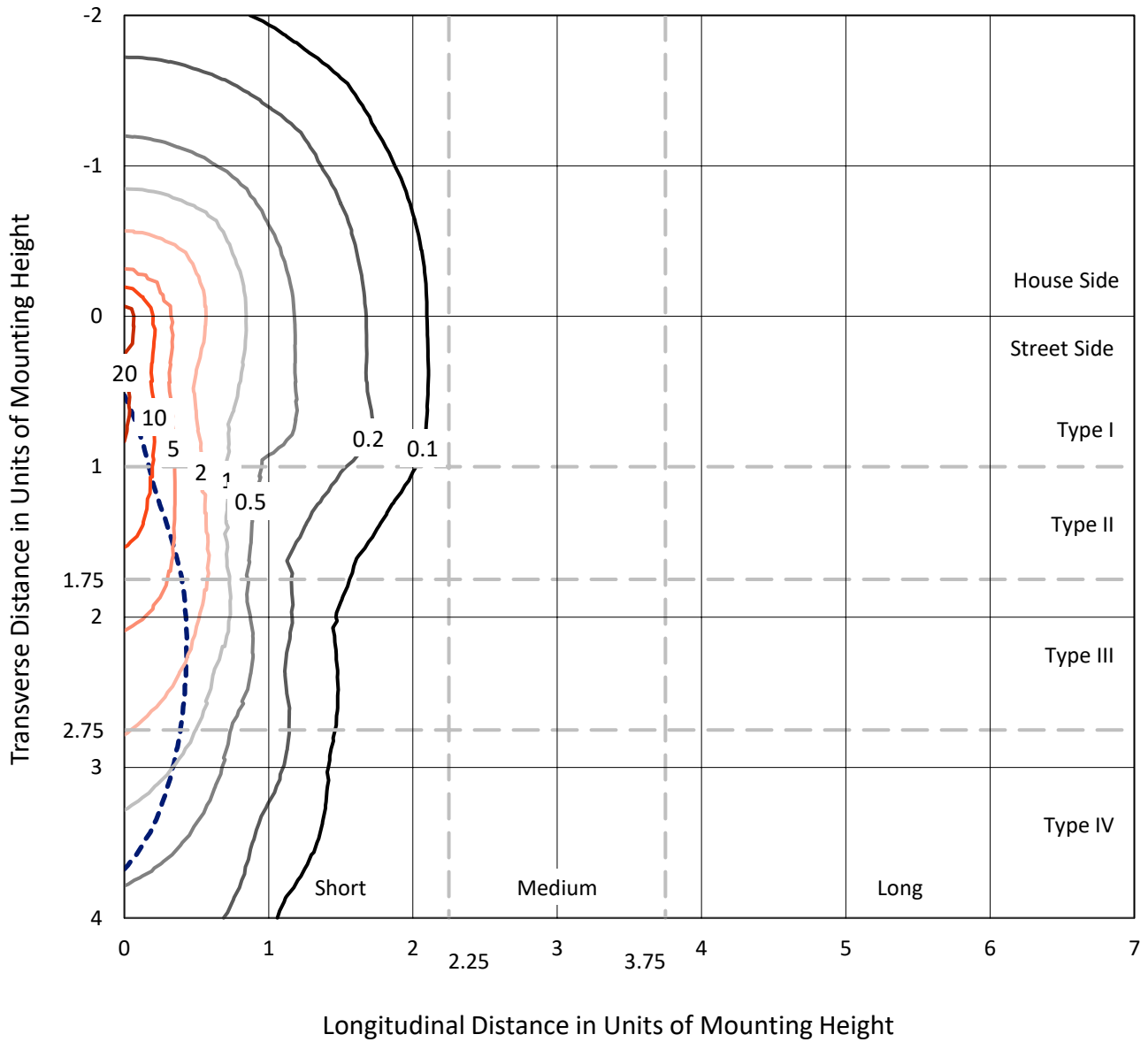




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### Iso-Footcandle Lines of Horizontal Illumination

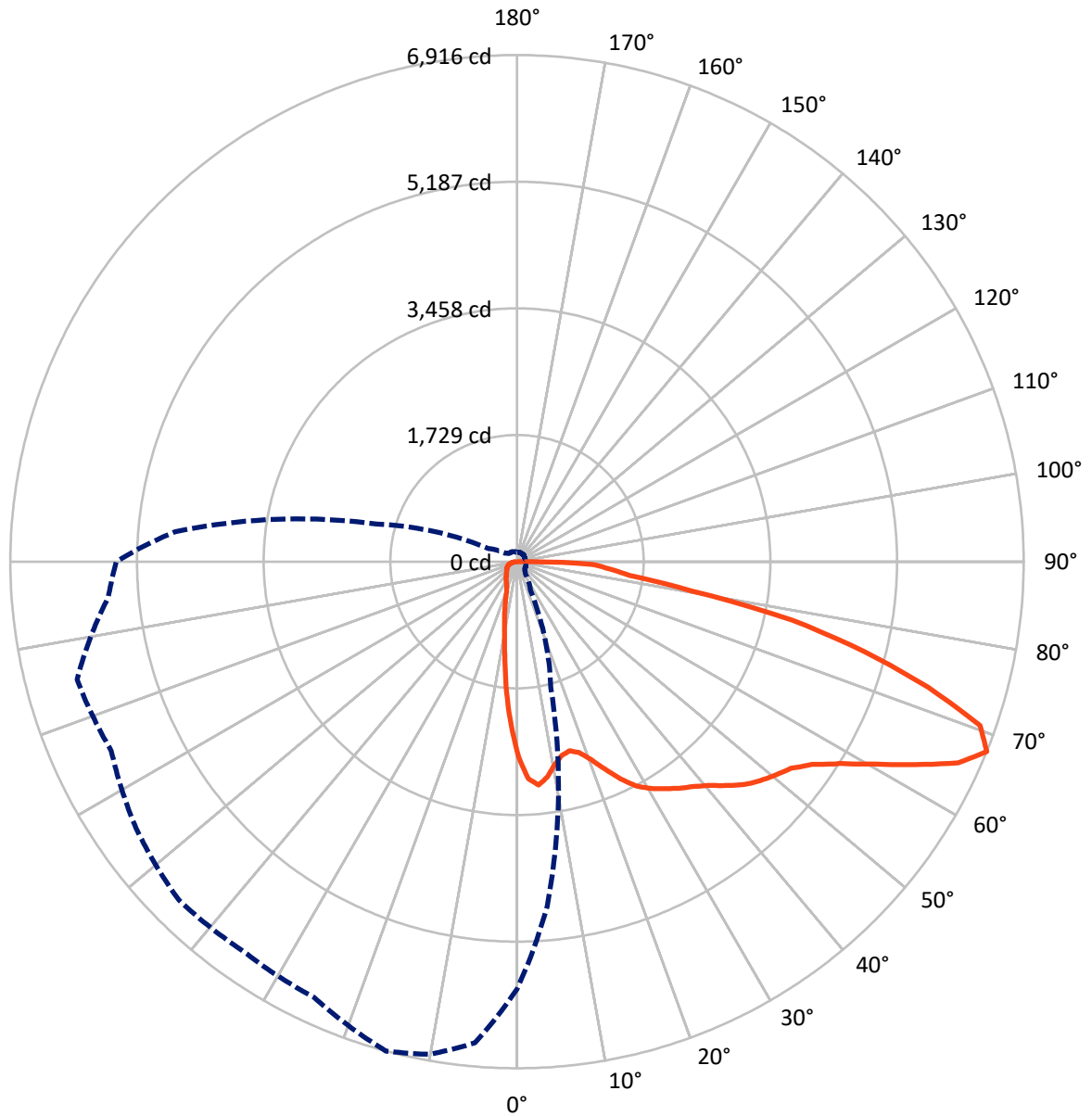
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 26.7 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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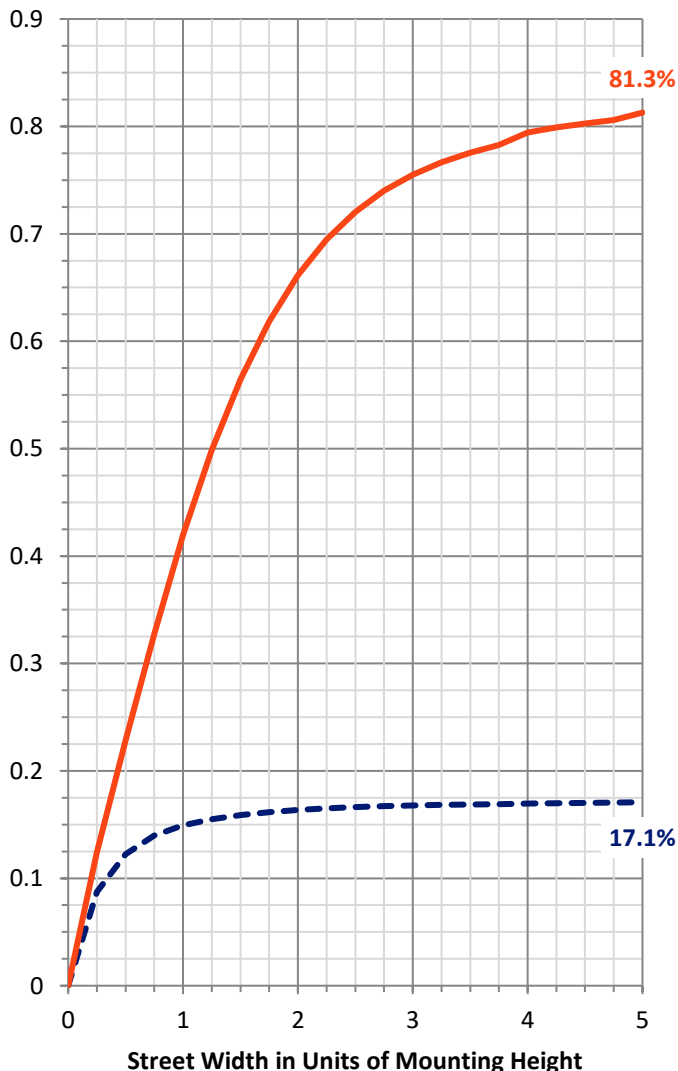
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1515.3	0.0	1515.3
	% Fixture	17.3	0.0	17.3
<b>Street Side</b>	Lumens	7249.7	0.0	7249.7
	% Fixture	82.7	0.0	82.7
<b>Total</b>	Lumens	8765.0	0.0	8765.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	206.1	2.4
10°-20°	428.1	4.9
20°-30°	608.9	6.9
30°-40°	877.4	10.0
40°-50°	1236.5	14.1
50°-60°	1719.0	19.6
60°-70°	2078.7	23.7
70°-80°	1277.8	14.6
80°-90°	332.5	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°	8765.0	100.0
0°-180°	8765.0	100.0

**Coefficient of Utilization**



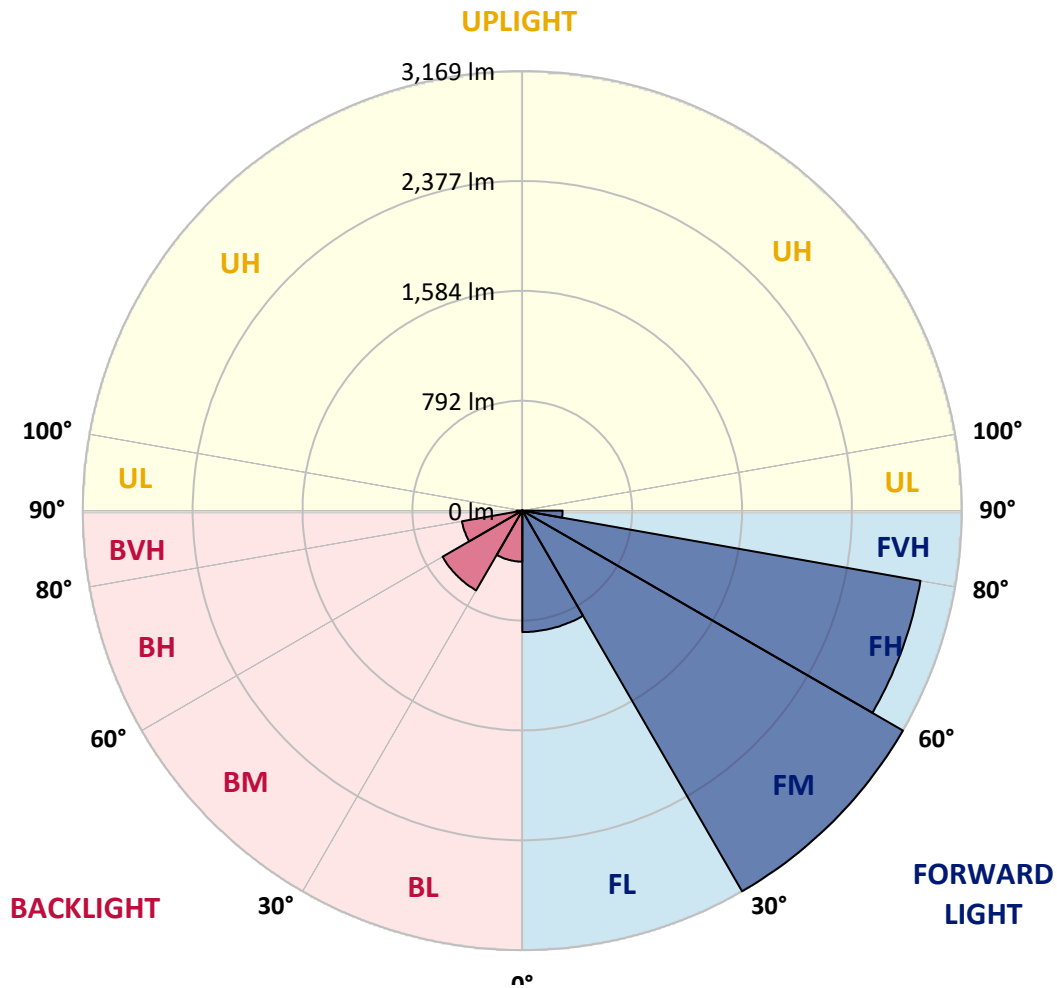
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	875.2	10.0			
FM (30°-60°)	3168.8	36.2			
FH (60°-80°)	2914.9	33.3			G2/5000
FVH (80°-90°)	290.8	3.3			G3/500
BL (0°-30°)	367.9	4.2	B1/500		
BM (30°-60°)	664.1	7.6	B1/1000		
BH (60°-80°)	441.6	5.0	B1/500		G1/500
BVH (80°-90°)	41.7	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-G3**  
 Type IV Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3
2.5°	2860.6	2835.4	2797.2	2759.0	2730.6	2701.9	2669.3	2636.7	2599.5	2562.0	2540.0
5°	2813.3	2743.2	2652.1	2561.0	2500.7	2440.4	2372.1	2303.8	2236.1	2168.5	2132.0
7.5°	2600.2	2495.1	2376.7	2258.2	2170.6	2082.6	1988.0	1893.1	1808.9	1724.5	1672.3
10°	2390.7	2264.5	2128.5	1992.2	1880.1	1767.9	1673.0	1577.7	1514.2	1450.8	1402.8
12.5°	2240.3	2100.5	1950.9	1800.9	1688.7	1576.6	1516.3	1456.1	1403.5	1350.9	1295.6
15°	2180.8	2022.7	1869.6	1716.1	1614.1	1512.1	1445.2	1377.9	1307.5	1236.7	1168.7
17.5°	2233.3	2048.3	1881.8	1715.4	1581.9	1448.3	1354.8	1260.9	1168.0	1075.1	996.3
20°	2397.3	2161.1	1943.5	1725.5	1547.9	1370.2	1244.7	1118.9	999.8	880.6	791.3
22.5°	2627.6	2315.0	2030.8	1746.6	1517.0	1287.1	1129.8	972.1	831.2	690.4	602.7
25°	2907.2	2518.9	2156.6	1793.9	1504.4	1214.6	1021.2	827.7	679.1	530.2	467.8
27.5°	3201.9	2762.1	2312.9	1863.3	1506.5	1149.8	929.7	709.3	575.4	441.5	398.8
30°	3447.6	3040.0	2495.1	1949.8	1514.6	1079.3	843.5	607.7	497.3	386.9	359.2
32.5°	3672.2	3233.8	2632.5	2030.8	1523.7	1016.3	776.9	537.2	447.2	356.7	334.0
35°	3904.2	3405.9	2728.5	2050.7	1507.9	964.7	731.4	498.0	414.9	331.5	312.2
37.5°	4159.7	3592.0	2821.0	2049.7	1481.3	912.9	696.0	478.7	393.9	308.7	294.7
40°	4444.6	3797.7	2921.2	2044.8	1457.1	869.1	669.7	469.9	382.3	294.4	282.5
42.5°	4723.2	3993.9	3014.4	2035.0	1437.5	839.6	643.7	447.9	371.8	295.4	278.6
45°	4932.4	4165.3	3095.4	2025.2	1422.8	820.4	623.4	426.5	362.0	297.5	276.1
47.5°	5091.1	4337.3	3185.1	2032.5	1421.4	810.2	609.1	407.9	343.4	278.6	269.8
50°	5293.0	4544.1	3315.8	2087.5	1440.6	793.7	592.2	390.4	325.6	260.7	272.6
52.5°	5544.2	4839.2	3518.4	2197.2	1480.9	764.7	565.6	366.6	303.8	240.7	259.3
55°	5913.2	5217.3	3777.3	2337.1	1529.7	721.9	525.3	328.4	275.1	221.5	237.9
57.5°	6244.4	5599.3	4025.8	2452.0	1560.1	667.9	474.5	281.0	242.9	204.7	214.1
60°	6391.9	5796.2	4142.1	2487.7	1541.9	596.1	417.4	238.3	214.5	190.6	188.9
62.5°	6334.5	5671.1	4027.6	2384.0	1452.9	521.8	366.9	212.0	194.1	175.9	172.1
65°	6166.3	5277.9	3706.6	2135.2	1302.6	469.9	335.0	200.1	180.1	160.1	155.9
67.5°	5834.7	4718.3	3251.7	1785.1	1111.6	438.0	316.8	195.5	171.4	146.8	141.9
70°	5239.7	4044.7	2727.8	1410.5	914.6	418.4	304.9	191.3	161.9	132.1	127.6
72.5°	4303.7	3242.9	2178.3	1113.3	764.7	416.0	303.5	191.0	154.2	117.4	113.2
75°	3081.4	2463.2	1662.8	862.1	626.2	390.4	288.1	185.7	143.7	101.3	97.4
77.5°	2073.5	1704.9	1155.7	606.3	464.7	323.1	242.2	161.2	123.0	84.8	81.0
80°	1331.7	1179.9	774.5	369.0	301.4	233.7	173.1	112.5	89.7	66.6	63.4
82.5°	977.0	878.2	538.3	198.3	167.5	136.3	105.8	75.3	61.3	47.3	45.9
85°	621.0	684.8	396.3	107.9	88.3	68.7	56.8	44.9	35.4	25.9	25.9
87.5°	120.5	166.8	109.7	52.2	38.2	24.2	20.7	16.8	9.5	1.8	2.1
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



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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°	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3
2.5°	2517.5	2493.3	2469.2	2441.8	2414.1	2388.6	2362.6	2334.3	2339.5	2317.8	2296.1
5°	2095.6	2057.1	2018.2	1984.5	1950.9	1921.8	1892.4	1866.1	1888.8	1873.4	1858.0
7.5°	1619.7	1572.1	1524.0	1483.7	1443.4	1412.3	1380.7	1359.0	1381.4	1378.6	1375.8
10°	1354.8	1308.5	1261.9	1217.4	1172.9	1135.1	1096.9	1064.6	1059.0	1042.9	1026.4
12.5°	1239.8	1176.4	1112.6	1066.0	1019.4	974.2	929.0	891.2	874.0	847.4	820.4
15°	1100.7	1025.7	950.7	897.8	844.5	800.7	756.6	724.0	713.1	692.5	671.8
17.5°	917.4	835.4	753.4	699.8	645.9	610.8	575.4	553.7	553.7	547.7	541.8
20°	701.9	628.7	555.4	514.4	473.4	454.9	435.9	426.8	429.6	430.0	430.0
22.5°	514.8	469.9	425.1	408.6	391.8	385.1	378.5	374.6	376.0	376.4	376.7
25°	405.5	388.3	370.8	362.4	353.6	349.4	345.2	343.8	346.9	347.3	347.3
27.5°	356.0	345.5	334.7	329.4	323.8	322.1	320.3	317.8	321.0	321.0	320.6
30°	331.2	319.9	308.7	302.1	295.4	296.1	296.5	295.8	297.9	299.3	300.3
32.5°	310.8	300.0	289.1	282.5	275.4	274.4	273.3	272.6	277.2	279.6	282.1
35°	292.6	280.7	268.8	262.5	256.2	253.7	251.3	249.5	253.7	256.9	260.0
37.5°	280.3	268.1	255.5	249.5	243.2	240.0	236.9	234.8	236.5	237.9	239.3
40°	270.5	257.9	245.0	237.9	230.9	227.8	224.6	222.9	223.9	224.3	224.6
42.5°	261.4	249.2	236.9	229.2	221.1	217.3	213.4	211.3	212.0	212.7	213.1
45°	254.8	242.5	229.9	220.8	211.3	207.1	202.9	200.4	200.8	200.8	200.8
47.5°	261.1	243.2	225.0	214.5	203.6	198.7	193.8	191.3	190.6	189.9	189.2
50°	284.2	253.7	222.9	209.6	195.9	190.6	185.0	182.2	180.5	179.8	179.1
52.5°	277.5	251.3	224.6	207.5	189.9	183.6	177.3	172.8	171.0	170.0	168.9
55°	254.1	237.6	220.8	200.1	179.4	173.8	167.9	164.7	161.6	160.8	160.1
57.5°	223.2	216.6	209.9	188.9	167.9	162.6	157.0	154.9	152.1	152.1	151.7
60°	186.8	196.6	206.4	182.2	157.7	151.7	145.8	144.0	143.0	142.6	142.3
62.5°	167.9	184.0	199.7	174.2	148.2	141.9	135.6	133.5	133.2	133.5	133.5
65°	151.7	156.6	161.6	149.6	137.7	131.4	124.8	122.7	123.4	124.4	125.5
67.5°	137.0	136.0	134.9	130.7	126.2	120.9	115.3	113.2	113.5	114.9	116.3
70°	123.0	121.6	119.8	116.7	113.5	109.0	104.4	103.0	102.7	104.4	105.8
72.5°	109.0	107.2	105.1	102.7	99.9	96.0	92.2	91.1	91.5	92.5	93.6
75°	93.6	92.2	90.4	88.3	85.9	82.4	78.8	78.1	78.8	79.9	81.0
77.5°	76.7	76.4	75.7	73.9	72.2	68.3	64.1	63.8	64.8	65.9	66.6
80°	59.9	60.3	60.6	59.2	57.8	53.6	49.1	48.7	49.8	50.8	51.9
82.5°	44.2	45.2	45.9	44.2	42.4	37.5	32.6	31.9	35.4	36.4	37.5
85°	25.6	27.0	28.4	27.0	25.6	20.7	15.8	15.4	18.6	20.3	22.1
87.5°	2.1	2.8	3.5	3.2	2.8	1.4	0.0	0.0	0.4	1.8	3.2
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



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 CATALOG NUMBER: GWC-SA2B-727-U-SLR

**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: P386561  
 CATALOG NUMBER: GWC-SA2B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3
2.5°	2282.4	2268.7	2264.5	2260.3	2244.9	2229.1	2245.2	2261.0	2267.7	2274.3	2257.2
5°	1855.9	1853.5	1853.5	1853.1	1839.1	1824.7	1835.6	1846.1	1822.6	1799.1	1796.7
7.5°	1390.9	1405.9	1418.2	1430.1	1425.6	1421.0	1431.2	1441.3	1411.6	1381.4	1366.7
10°	1029.9	1033.1	1046.4	1059.7	1062.9	1065.7	1078.3	1090.6	1067.4	1044.3	1034.1
12.5°	803.5	786.7	788.5	789.9	796.2	802.1	815.5	828.4	819.0	809.2	810.2
15°	650.8	629.4	620.6	611.5	618.5	625.5	635.0	644.1	644.5	644.5	653.6
17.5°	531.3	520.4	511.6	502.5	512.0	521.1	522.1	523.2	523.6	523.9	523.2
20°	435.2	440.5	437.7	434.9	438.4	441.5	444.4	446.8	443.7	440.1	431.4
22.5°	381.6	386.2	389.7	392.8	398.8	404.4	401.6	398.4	392.1	385.5	378.8
25°	350.4	353.6	357.1	360.6	365.5	370.1	365.2	360.2	355.7	351.1	346.6
27.5°	324.2	327.3	330.5	333.3	337.8	342.0	337.5	332.9	329.1	325.2	321.7
30°	302.8	304.9	307.3	309.8	314.0	317.8	314.0	309.8	307.0	303.8	301.4
32.5°	284.6	286.7	287.7	288.8	292.6	296.5	293.7	290.9	288.4	286.0	284.2
35°	264.6	268.8	269.5	270.2	274.0	277.9	276.1	274.0	271.2	268.4	265.3
37.5°	244.3	249.2	252.0	254.4	258.3	262.1	260.4	258.6	254.8	250.9	245.3
40°	227.1	229.2	234.4	239.3	245.7	251.6	248.1	244.3	238.3	232.3	229.5
42.5°	212.7	212.4	217.3	222.2	231.6	240.7	234.4	228.1	222.5	216.9	216.2
45°	200.1	199.0	201.5	204.0	214.1	223.9	217.6	211.0	207.8	204.7	204.7
47.5°	188.9	188.2	189.9	191.3	197.6	203.6	200.4	197.3	195.5	193.8	194.1
50°	178.7	178.0	179.8	181.2	183.6	185.7	186.4	186.8	185.7	184.7	185.4
52.5°	169.3	169.3	170.0	170.3	173.5	176.6	176.6	176.3	176.3	176.3	177.0
55°	161.2	161.9	161.9	161.9	166.8	171.4	170.0	168.6	168.9	168.9	169.6
57.5°	153.1	154.2	154.9	155.6	160.5	165.4	164.0	162.6	162.6	162.6	163.0
60°	144.0	145.4	146.8	148.2	153.1	158.0	156.6	154.9	155.2	155.6	155.9
62.5°	135.3	136.7	138.1	139.5	144.4	149.3	147.9	146.1	147.2	147.9	147.9
65°	126.9	127.9	129.3	130.7	135.3	139.8	138.4	137.0	138.4	139.5	140.2
67.5°	117.4	118.1	119.5	120.9	125.5	130.0	128.6	126.9	128.6	130.0	131.4
70°	106.5	107.2	109.0	110.4	114.9	119.5	117.7	116.0	117.7	119.5	120.9
72.5°	94.6	95.3	97.1	98.5	103.7	109.0	106.9	104.8	106.9	109.0	109.7
75°	81.7	82.4	84.5	86.2	91.5	96.7	95.0	92.9	94.6	96.4	96.7
77.5°	67.6	68.7	71.5	74.3	78.5	82.7	81.7	80.6	81.7	82.7	82.7
80°	52.9	54.0	57.5	60.6	63.1	65.5	65.9	66.2	66.6	66.9	66.6
82.5°	39.2	40.7	43.8	47.0	47.0	47.0	49.8	52.2	52.2	51.9	51.5
85°	24.2	25.9	28.7	31.5	29.8	28.0	32.6	36.8	36.8	36.4	35.7
87.5°	4.9	6.7	9.5	11.9	10.2	8.4	13.0	17.5	17.9	17.9	17.2
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: P386561  
 CATALOG NUMBER: GWC-SA2B-727-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: P386561

CATALOG NUMBER: GWC-SA2B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3
2.5°	2239.6	2267.0	2294.0	2301.0	2311.5	2316.0	2320.2	2354.6	2388.6	2428.5	2468.5
5°	1793.9	1814.2	1834.5	1837.7	1848.5	1854.2	1859.8	1901.5	1942.8	1998.5	2054.3
7.5°	1352.0	1356.9	1361.8	1361.1	1370.2	1382.5	1394.4	1438.9	1483.0	1543.0	1602.5
10°	1024.0	1035.2	1046.0	1056.2	1076.2	1099.3	1122.1	1167.7	1213.2	1272.4	1331.3
12.5°	811.3	824.2	836.8	848.1	871.2	902.0	932.5	987.2	1041.8	1112.6	1183.1
15°	662.3	661.3	660.2	667.9	688.3	721.9	755.2	813.0	870.8	948.6	1026.1
17.5°	522.5	517.2	512.0	517.9	536.9	564.6	591.9	640.9	689.7	765.0	840.3
20°	422.6	419.1	415.6	421.2	433.1	444.7	456.3	491.7	526.7	588.0	649.0
22.5°	371.8	371.5	370.8	373.9	379.5	385.5	391.1	408.3	425.1	464.7	503.9
25°	342.0	341.7	341.3	342.7	347.3	351.8	356.4	367.6	378.8	397.7	416.7
27.5°	318.2	317.5	316.8	317.1	318.2	325.2	331.9	337.1	342.0	355.0	367.6
30°	298.9	298.6	298.2	298.2	297.2	299.6	302.1	310.1	317.8	331.2	344.5
32.5°	282.5	280.7	278.9	275.1	272.6	276.1	279.6	288.1	296.5	308.7	321.0
35°	261.8	257.2	252.3	250.2	250.6	254.1	257.6	266.0	274.0	287.4	300.3
37.5°	239.3	237.9	236.2	235.8	236.9	240.4	243.9	251.3	258.3	271.6	284.6
40°	226.7	226.0	225.3	224.6	225.3	228.8	232.3	239.3	246.0	259.0	271.6
42.5°	215.5	215.2	214.8	214.8	215.2	219.0	222.9	229.9	236.5	248.1	259.7
45°	204.7	205.0	205.0	205.7	206.8	210.6	214.1	221.8	229.5	240.7	252.0
47.5°	194.5	195.5	196.2	198.0	199.0	203.3	207.1	215.5	223.9	237.9	251.6
50°	185.7	186.8	187.5	188.9	191.7	196.6	201.5	211.7	221.5	245.0	268.1
52.5°	177.7	178.7	179.8	181.2	184.7	190.3	195.9	208.5	220.8	248.1	275.4
55°	170.3	171.4	172.1	174.2	177.7	182.6	187.1	202.6	218.0	237.9	257.9
57.5°	163.3	164.4	165.1	166.5	168.2	173.5	178.4	194.8	211.3	225.3	239.0
60°	155.9	156.6	157.0	157.0	158.4	164.4	170.3	191.3	212.0	209.6	206.8
62.5°	147.9	148.6	148.9	147.9	149.6	155.9	162.3	189.6	216.9	200.1	183.3
65°	140.5	140.2	139.8	138.8	140.9	147.2	153.1	166.8	180.5	173.8	167.2
67.5°	132.5	131.4	130.4	129.0	131.1	136.7	141.9	146.5	151.0	151.7	152.4
70°	122.3	120.9	119.5	119.1	120.2	124.8	129.3	132.5	135.3	136.7	137.7
72.5°	110.4	109.3	108.3	107.6	107.9	111.8	115.3	118.1	120.9	122.0	122.7
75°	97.1	97.1	96.7	94.6	94.6	97.8	100.6	103.0	105.5	106.9	108.3
77.5°	82.7	83.1	83.1	80.2	79.9	83.1	85.9	88.0	89.7	91.1	92.2
80°	66.2	65.5	64.8	63.1	62.4	66.2	69.7	71.5	72.9	73.2	73.2
82.5°	50.8	49.4	47.7	43.8	44.2	48.4	52.2	53.6	55.0	55.0	55.0
85°	34.7	31.9	28.7	25.6	25.9	30.5	34.7	36.1	37.5	38.2	38.5
87.5°	16.5	13.7	10.5	8.1	8.1	11.9	15.4	16.1	16.8	18.2	19.6
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: P386561  
 CATALOG NUMBER: GWC-SA2B-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: P386561

CATALOG NUMBER: GWC-SA2B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3
2.5°	2499.0	2529.1	2560.3	2591.5	2627.2	2663.0	2704.7	2746.0	2781.4	2816.8	2846.2
5°	2102.3	2150.3	2206.7	2263.1	2335.0	2406.8	2494.7	2582.4	2660.5	2738.7	2829.4
7.5°	1665.3	1727.6	1801.2	1874.8	1967.7	2060.6	2174.5	2288.3	2398.7	2508.8	2648.2
10°	1396.8	1462.4	1534.9	1607.1	1701.7	1796.0	1916.5	2036.7	2160.8	2284.5	2442.2
12.5°	1256.0	1328.5	1392.3	1456.1	1532.8	1609.2	1725.9	1842.6	1988.4	2133.8	2285.5
15°	1105.6	1184.8	1261.2	1337.6	1421.4	1504.8	1618.3	1731.9	1891.3	2050.7	2225.3
17.5°	923.7	1007.2	1100.4	1193.2	1302.6	1411.6	1557.0	1702.4	1891.3	2079.8	2285.5
20°	734.2	819.3	930.8	1042.2	1178.2	1313.8	1502.3	1690.9	1945.3	2199.3	2461.8
22.5°	579.3	654.3	775.9	897.1	1054.1	1211.1	1452.9	1694.4	2026.9	2359.1	2713.4
25°	469.6	522.5	642.0	761.1	942.3	1123.5	1422.8	1721.7	2145.7	2569.4	3008.8
27.5°	402.3	437.0	548.4	659.5	857.5	1055.2	1410.5	1765.5	2296.4	2827.3	3330.2
30°	368.7	392.8	487.1	581.0	782.2	983.3	1395.8	1808.2	2441.5	3074.4	3581.5
32.5°	340.6	359.9	440.5	520.7	717.0	913.2	1367.4	1821.2	2542.8	3264.3	3794.2
35°	316.8	332.9	403.0	473.1	665.8	858.6	1319.7	1780.9	2606.2	3431.5	4015.6
37.5°	297.5	310.1	375.0	439.8	621.7	803.5	1265.4	1727.3	2662.6	3597.9	4264.8
40°	282.5	293.3	353.9	414.6	579.6	744.7	1218.8	1692.6	2740.4	3788.2	4528.0
42.5°	274.0	288.1	335.7	383.0	539.7	696.3	1181.3	1666.3	2812.6	3958.5	4758.2
45°	271.9	291.9	326.3	360.6	509.9	659.2	1148.0	1636.5	2859.2	4081.9	4931.7
47.5°	268.4	284.9	318.9	352.9	495.2	637.1	1130.2	1622.9	2905.8	4188.4	5075.7
50°	270.5	272.6	312.9	352.9	493.1	633.2	1150.5	1667.7	3006.7	4345.4	5240.4
52.5°	266.7	257.6	301.7	345.9	492.7	639.5	1209.0	1778.5	3194.2	4609.6	5418.8
55°	246.4	234.4	280.7	327.0	485.4	643.4	1278.7	1913.7	3445.8	4977.6	5739.4
57.5°	228.5	217.6	256.9	295.8	462.9	630.1	1350.6	2070.7	3711.8	5352.6	6100.7
60°	204.7	202.2	230.2	258.3	428.2	597.8	1409.8	2221.4	3890.5	5559.3	6239.9
62.5°	185.0	186.4	207.1	227.8	384.8	541.4	1429.4	2317.1	3885.6	5454.2	6099.7
65°	170.0	172.4	192.7	213.1	347.6	482.2	1364.9	2247.3	3689.0	5130.4	5822.5
67.5°	155.2	158.0	182.2	206.1	314.7	423.0	1203.7	1984.2	3335.4	4686.4	5469.9
70°	141.2	144.7	171.0	197.3	290.9	384.1	995.9	1607.8	2892.8	4177.5	5061.7
72.5°	126.2	129.7	157.7	185.7	275.8	365.5	812.0	1258.1	2347.6	3436.7	4329.6
75°	110.7	113.2	143.7	173.8	255.1	336.4	637.1	937.4	1796.7	2656.0	3270.3
77.5°	95.3	98.5	124.1	149.3	216.6	283.5	480.1	676.7	1318.3	1959.6	2274.3
80°	76.0	78.8	97.1	114.9	167.2	219.0	330.1	441.2	907.3	1373.4	1550.7
82.5°	58.2	61.3	73.6	85.5	119.1	152.8	200.1	247.4	602.7	957.7	972.5
85°	39.9	41.0	49.8	58.2	73.6	89.0	114.6	140.2	398.8	657.4	547.7
87.5°	20.0	20.0	25.9	31.9	39.6	47.3	60.6	73.6	127.6	181.5	104.4
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: P386561  
 CATALOG NUMBER: GWC-SA2B-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: P386561

CATALOG NUMBER: GWC-SA2B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3
2.5°	2883.7	2909.3	2935.2	2954.9	2974.8	3003.6	3032.3	3037.6	3043.2	3032.0	3020.8
5°	2920.9	2998.3	3076.1	3148.0	3219.8	3262.9	3306.0	3314.8	3323.5	3296.5	3269.2
7.5°	2783.2	2918.1	3053.0	3176.7	3300.4	3375.4	3450.7	3467.6	3484.7	3440.6	3396.4
10°	2599.2	2764.9	2930.7	3093.6	3256.6	3365.6	3474.6	3496.3	3518.0	3463.0	3408.0
12.5°	2456.9	2633.9	2810.8	2982.6	3154.6	3267.5	3380.3	3407.3	3434.3	3394.3	3354.0
15°	2413.1	2579.6	2746.0	2895.6	3045.6	3137.8	3230.3	3241.2	3252.4	3246.1	3239.8
17.5°	2492.6	2643.0	2793.7	2875.0	2956.6	2993.4	3030.6	3042.5	3054.7	3070.5	3086.6
20°	2685.4	2791.2	2897.4	2893.9	2890.0	2872.2	2853.9	2850.8	2847.6	2892.8	2938.4
22.5°	2973.1	3015.1	3057.5	2959.1	2860.6	2800.7	2740.4	2728.5	2716.2	2764.2	2812.6
25°	3285.3	3277.6	3269.6	3082.1	2894.2	2780.0	2665.8	2652.4	2639.1	2680.1	2721.5
27.5°	3594.4	3544.0	3493.5	3238.7	2984.0	2818.2	2652.4	2639.1	2625.8	2662.3	2698.7
30°	3821.1	3740.2	3659.2	3370.8	3082.4	2885.5	2688.5	2666.8	2644.7	2689.6	2734.4
32.5°	3998.1	3889.5	3780.8	3478.1	3175.3	2962.2	2749.2	2715.2	2681.2	2741.1	2801.0
35°	4174.7	4021.9	3868.8	3573.7	3278.3	3053.0	2827.3	2785.6	2743.9	2826.3	2908.6
37.5°	4396.9	4177.5	3957.8	3681.3	3404.8	3189.0	2972.7	2930.0	2887.2	2992.0	3097.1
40°	4638.0	4345.4	4052.8	3799.1	3545.4	3377.1	3208.6	3167.9	3126.9	3254.5	3382.1
42.5°	4838.5	4501.7	4164.9	3941.0	3716.7	3598.3	3479.5	3479.1	3478.4	3607.7	3737.0
45°	5001.4	4632.1	4262.3	4079.4	3896.1	3834.5	3772.8	3822.2	3871.6	3988.3	4105.4
47.5°	5123.0	4741.4	4359.4	4237.8	4116.2	4125.3	4134.4	4235.0	4335.6	4410.6	4485.9
50°	5202.2	4840.6	4478.6	4441.1	4403.6	4485.2	4567.2	4682.5	4798.2	4849.3	4900.5
52.5°	5317.5	4975.1	4632.4	4674.5	4716.5	4883.3	5050.1	5166.8	5283.5	5302.4	5321.7
55°	5584.2	5222.5	4860.5	4941.1	5022.1	5266.7	5511.6	5602.8	5693.9	5700.9	5707.9
57.5°	5963.0	5569.1	5175.2	5262.1	5349.0	5631.5	5914.3	6012.4	6110.9	6097.2	6083.2
60°	6246.5	5898.2	5549.5	5637.1	5724.7	6000.2	6275.6	6388.4	6501.6	6471.5	6441.4
62.5°	6264.0	6078.0	5891.5	5970.7	6050.3	6320.1	6589.9	6705.9	6821.9	6769.4	6716.8
65°	5985.4	6068.8	6152.2	6178.5	6204.8	6456.4	6708.4	6797.0	6886.1	6859.4	6832.8
67.5°	5601.7	5909.0	6216.7	6163.8	6110.9	6229.0	6347.1	6438.6	6530.0	6514.9	6499.5
70°	5218.7	5629.0	6039.4	5779.4	5519.0	5470.3	5421.6	5520.1	5618.9	5557.9	5496.6
72.5°	4566.5	5003.9	5441.6	4962.5	4483.5	4317.0	4150.6	4275.7	4400.8	4303.7	4206.3
75°	3584.6	4067.9	4551.5	3979.9	3408.3	3186.2	2964.0	3071.6	3179.2	3112.6	3045.6
77.5°	2668.6	3144.8	3621.0	3040.0	2458.7	2293.6	2128.2	2160.1	2192.3	2181.1	2169.5
80°	1810.0	2141.9	2474.1	2087.2	1700.3	1712.9	1725.9	1710.8	1695.4	1717.8	1740.3
82.5°	1155.0	1411.2	1667.7	1462.4	1257.0	1374.8	1492.5	1434.7	1376.5	1397.9	1419.6
85°	659.2	909.7	1160.6	1081.8	1002.6	1071.3	1140.3	1050.6	960.9	1000.1	1039.7
87.5°	173.8	503.2	833.0	756.2	679.5	590.5	501.5	382.7	263.9	385.5	507.1
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: P386561  
 CATALOG NUMBER: GWC-SA2B-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: P386561

CATALOG NUMBER: GWC-SA2B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3	2670.3
2.5°	3014.8	3008.8	2987.5	2965.7	2933.5	2906.9	2860.6
5°	3231.4	3193.5	3128.3	3062.8	2989.9	2906.2	2813.3
7.5°	3308.1	3219.5	3094.3	2968.9	2856.0	2723.6	2600.2
10°	3275.5	3142.7	2980.1	2817.2	2680.1	2527.7	2390.7
12.5°	3213.1	3071.9	2892.8	2713.4	2557.5	2393.8	2240.3
15°	3127.3	3014.4	2846.6	2678.7	2521.7	2362.6	2180.8
17.5°	3033.4	2979.8	2858.5	2736.9	2600.9	2446.7	2233.3
20°	2957.7	2977.3	2928.9	2880.6	2771.6	2637.0	2397.3
22.5°	2906.5	3000.8	3037.9	3075.4	3009.9	2904.8	2627.6
25°	2877.8	3034.1	3158.5	3283.2	3254.1	3173.2	2907.2
27.5°	2890.4	3082.1	3275.2	3468.6	3495.6	3473.2	3201.9
30°	2928.2	3122.4	3357.5	3593.0	3700.6	3730.7	3447.6
32.5°	2991.3	3181.6	3437.8	3694.3	3856.9	3952.9	3672.2
35°	3086.6	3264.7	3531.7	3798.7	4009.0	4184.2	3904.2
37.5°	3250.3	3403.4	3649.8	3896.5	4169.1	4432.3	4159.7
40°	3490.0	3598.3	3806.4	4014.9	4358.0	4713.4	4444.6
42.5°	3792.4	3848.1	4013.2	4178.2	4555.3	4968.5	4723.2
45°	4120.1	4134.8	4238.5	4342.6	4711.6	5142.3	4932.4
47.5°	4435.5	4385.0	4426.3	4467.7	4831.5	5266.3	5091.1
50°	4760.0	4619.4	4597.7	4576.0	4951.3	5412.5	5293.0
52.5°	5090.1	4858.4	4772.6	4686.4	5094.3	5606.3	5544.2
55°	5413.2	5118.5	5002.8	4887.2	5313.0	5842.8	5913.2
57.5°	5749.2	5415.3	5308.0	5200.8	5634.3	6142.4	6244.4
60°	6110.9	5780.1	5694.2	5608.0	6033.8	6466.2	6391.9
62.5°	6454.0	6191.1	6145.9	6100.4	6437.8	6715.0	6334.5
65°	6683.2	6533.2	6575.2	6617.6	6743.4	6777.1	6166.3
67.5°	6530.0	6560.5	6738.2	6916.2	6829.6	6592.7	5834.7
70°	5679.2	5862.1	6283.0	6704.2	6512.1	6099.0	5239.7
72.5°	4411.6	4617.3	5242.2	5867.3	5690.4	5184.3	4303.7
75°	3277.6	3510.0	4199.6	4889.3	4643.6	3877.9	3081.4
77.5°	2325.1	2480.7	3161.6	3842.9	3442.3	2581.3	2073.5
80°	1692.6	1644.9	2024.5	2404.0	2337.4	1707.3	1331.7
82.5°	1303.3	1186.9	1365.6	1544.4	1534.6	1184.8	977.0
85°	993.1	946.5	1104.6	1262.6	1127.4	802.5	621.0
87.5°	578.9	651.1	837.2	1023.6	768.2	243.6	120.5
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: P386561

CATALOG NUMBER: GWC-SA2B-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



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Scaled Data Report



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Peachtree City, GA 30269

Scaled Data Report







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

Scaled Data Report



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

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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

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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1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report





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

Scaled Data Report





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

Scaled Data Report



(END OF REPORT)