

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: P385441

Luminaire Tested: **GWC-SA1A-727-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P385441  
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-SA1A-727-U-SLR  
Description: GALLEON WALL LUMINAIRE  
(1) 70 CRI, 2700K, 615mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3658 lumens  
Efficiency: N/A  
Efficacy: 107.6 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): 34  
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

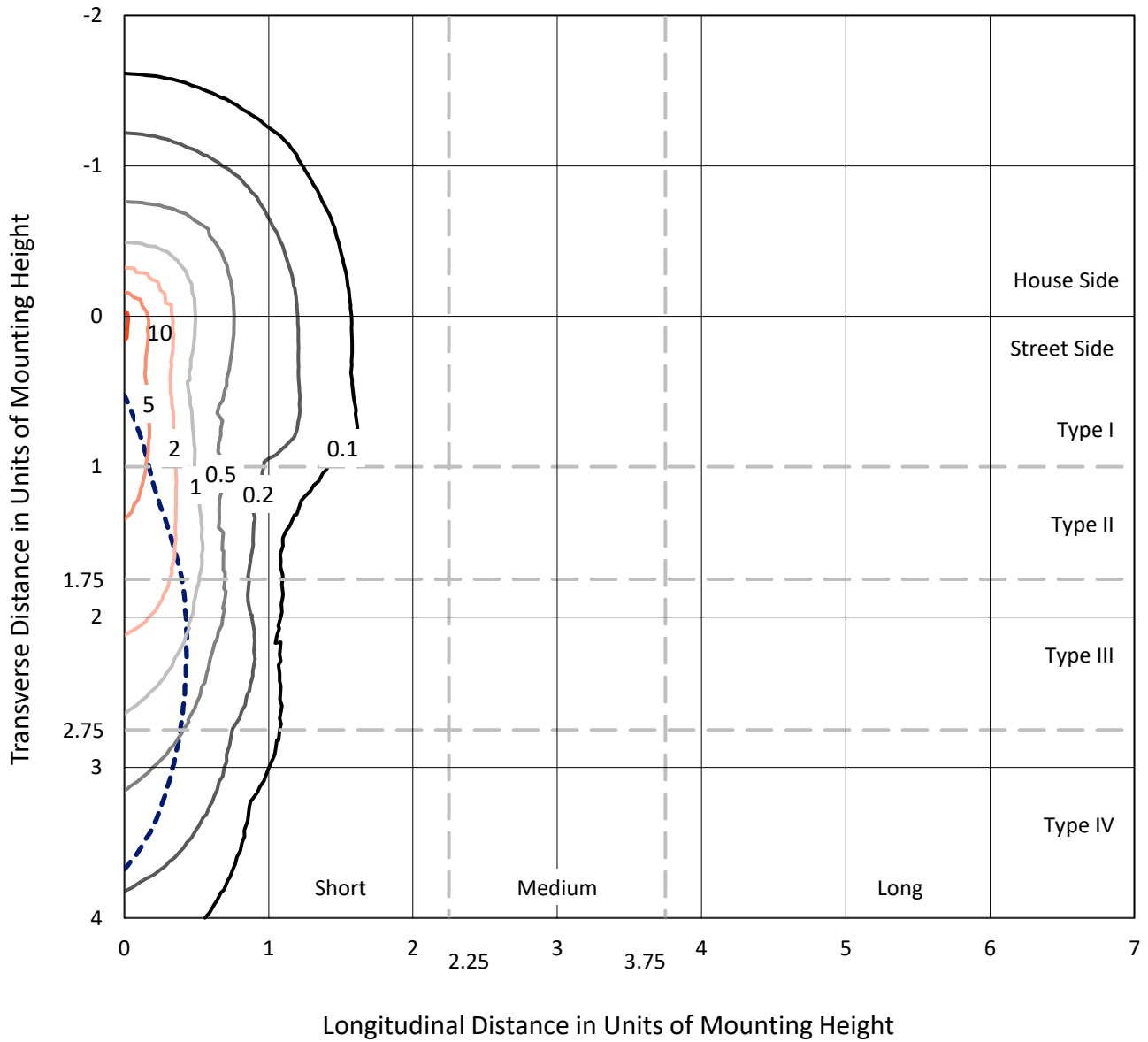




REPORT NUMBER: P385441  
 CATALOG NUMBER: GWC-SA1A-727-U-SLR

### Iso-Footcandle Lines of Horizontal Illumination

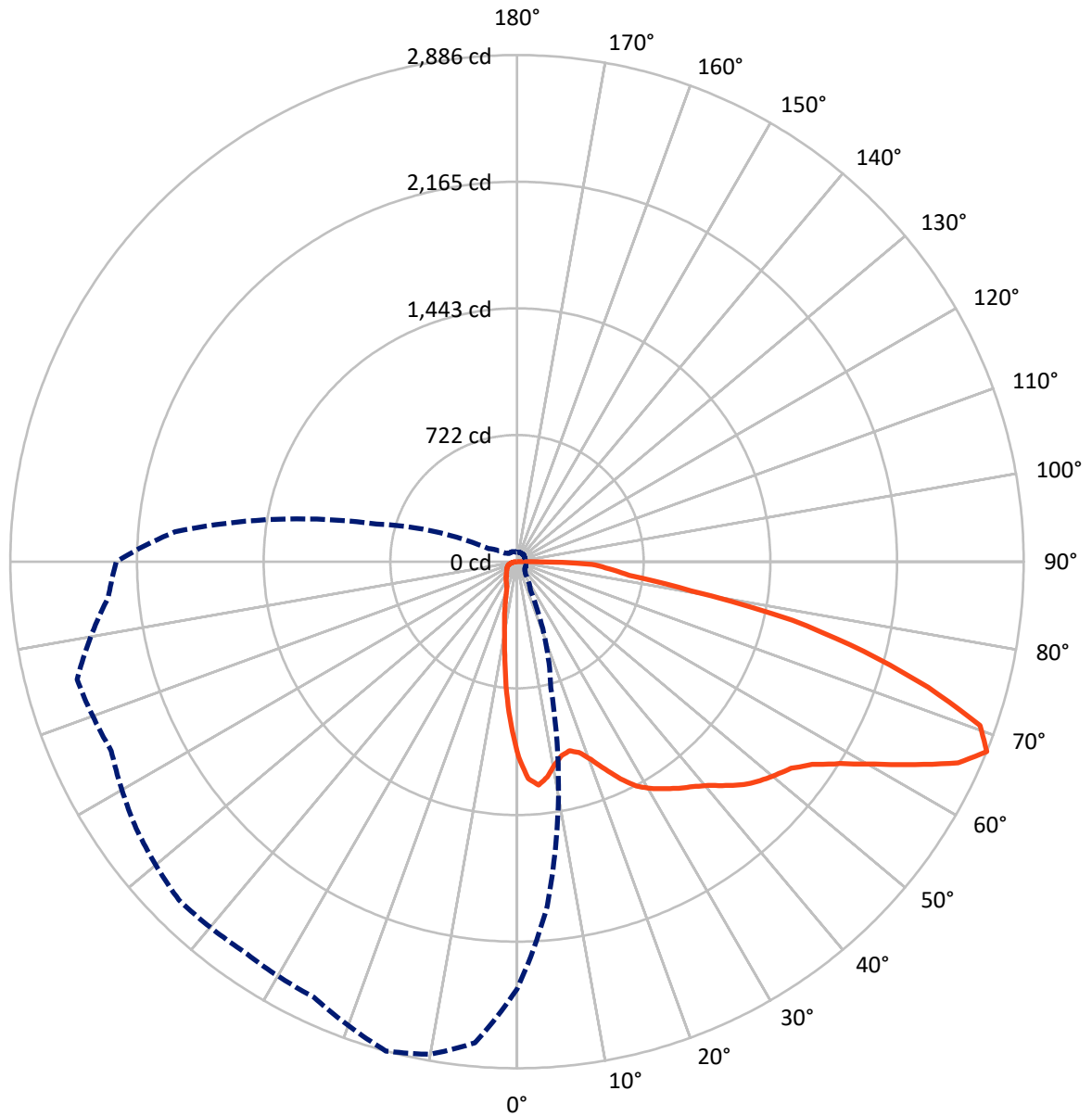
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.1 fc  
 Type IV - Medium - N/A

REPORT NUMBER: P385441  
CATALOG NUMBER: GWC-SA1A-727-U-SLR

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P385441

CATALOG NUMBER: GWC-SA1A-727-U-SLR

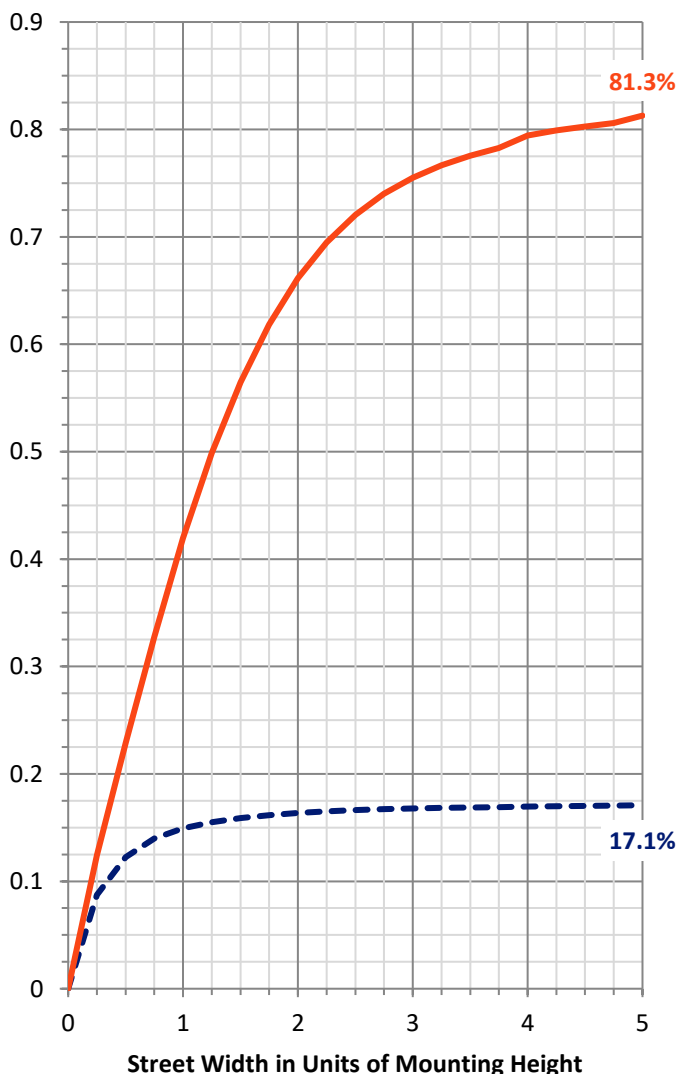
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	632.4	0.0	632.4
	% Fixture	17.3	0.0	17.3
<b>Street Side</b>	Lumens	3025.6	0.0	3025.6
	% Fixture	82.7	0.0	82.7
<b>Total</b>	Lumens	3658.0	0.0	3658.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	86.0	2.4
10°-20°	178.7	4.9
20°-30°	254.1	6.9
30°-40°	366.2	10.0
40°-50°	516.1	14.1
50°-60°	717.4	19.6
60°-70°	867.5	23.7
70°-80°	533.3	14.6
80°-90°	138.8	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°	3658.0	100.0
0°-180°	3658.0	100.0

**Coefficient of Utilization**



REPORT NUMBER: P385441

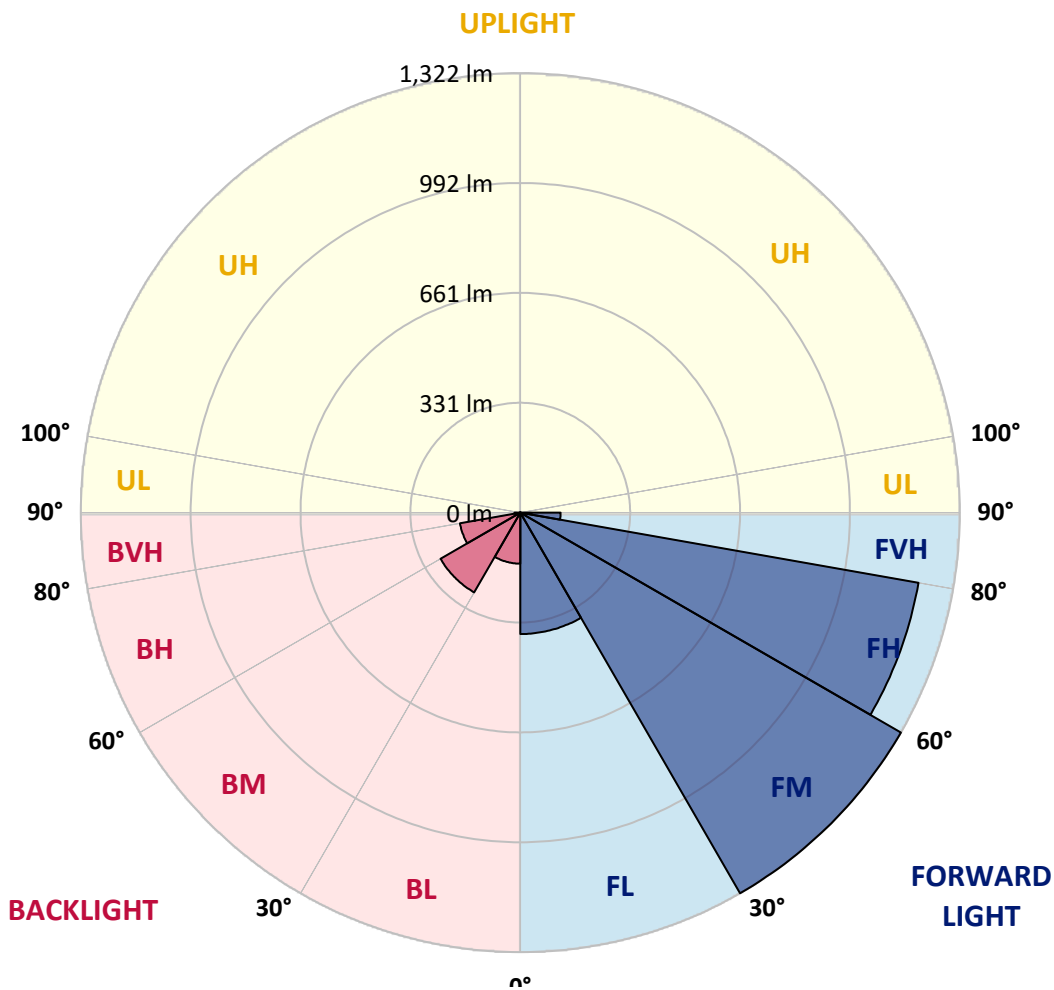
CATALOG NUMBER: GWC-SA1A-727-U-SLR

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	365.3	10.0			
FM (30°-60°)	1322.5	36.2			
FH (60°-80°)	1216.5	33.3			G1/1800
FVH (80°-90°)	121.4	3.3			G2/225
BL (0°-30°)	153.5	4.2	B1/500		
BM (30°-60°)	277.2	7.6	B1/1000		
BH (60°-80°)	184.3	5.0	B1/500		G1/500
BVH (80°-90°)	17.4	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





REPORT NUMBER: P385441

CATALOG NUMBER: GWC-SA1A-727-U-SLR

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4
2.5°	1193.8	1183.3	1167.4	1151.4	1139.6	1127.6	1114.0	1100.4	1084.9	1069.2	1060.0
5°	1174.1	1144.9	1106.8	1068.8	1043.6	1018.5	990.0	961.5	933.2	905.0	889.8
7.5°	1085.2	1041.3	991.9	942.4	905.9	869.2	829.7	790.0	754.9	719.7	697.9
10°	997.7	945.1	888.3	831.4	784.6	737.8	698.2	658.4	632.0	605.5	585.4
12.5°	935.0	876.6	814.2	751.6	704.8	658.0	632.8	607.7	585.7	563.8	540.7
15°	910.1	844.2	780.3	716.2	673.6	631.1	603.1	575.1	545.7	516.1	487.7
17.5°	932.1	854.8	785.4	715.9	660.2	604.5	565.4	526.2	487.5	448.7	415.8
20°	1000.5	901.9	811.1	720.1	646.0	571.8	519.5	467.0	417.3	367.5	330.2
22.5°	1096.6	966.1	847.5	728.9	633.1	537.2	471.5	405.7	346.9	288.1	251.6
25°	1213.3	1051.3	900.0	748.7	627.9	506.9	426.2	345.4	283.4	221.3	195.2
27.5°	1336.3	1152.8	965.3	777.6	628.7	479.9	388.0	296.0	240.1	184.3	166.4
30°	1438.8	1268.7	1041.3	813.7	632.1	450.5	352.0	253.6	207.5	161.5	149.9
32.5°	1532.6	1349.6	1098.6	847.5	635.9	424.1	324.2	224.2	186.6	148.9	139.4
35°	1629.4	1421.4	1138.7	855.9	629.3	402.6	305.2	207.8	173.2	138.4	130.3
37.5°	1736.0	1499.1	1177.3	855.4	618.2	381.0	290.5	199.8	164.4	128.8	123.0
40°	1854.9	1584.9	1219.2	853.4	608.1	362.7	279.5	196.1	159.6	122.9	117.9
42.5°	1971.2	1666.8	1258.1	849.3	599.9	350.4	268.7	186.9	155.2	123.3	116.3
45°	2058.5	1738.3	1291.8	845.2	593.8	342.4	260.2	178.0	151.1	124.2	115.2
47.5°	2124.7	1810.2	1329.3	848.3	593.2	338.1	254.2	170.2	143.3	116.3	112.6
50°	2209.0	1896.4	1383.8	871.2	601.2	331.3	247.2	162.9	135.9	108.8	113.8
52.5°	2313.8	2019.6	1468.4	917.0	618.1	319.1	236.0	153.0	126.8	100.5	108.2
55°	2467.8	2177.4	1576.4	975.4	638.4	301.3	219.2	137.0	114.8	92.4	99.3
57.5°	2606.1	2336.8	1680.1	1023.3	651.1	278.8	198.0	117.3	101.4	85.4	89.4
60°	2667.6	2419.0	1728.7	1038.2	643.5	248.8	174.2	99.5	89.5	79.6	78.8
62.5°	2643.6	2366.8	1680.9	994.9	606.4	217.8	153.1	88.5	81.0	73.4	71.8
65°	2573.4	2202.7	1546.9	891.1	543.6	196.1	139.8	83.5	75.2	66.8	65.1
67.5°	2435.1	1969.1	1357.1	745.0	463.9	182.8	132.2	81.6	71.5	61.3	59.2
70°	2186.7	1688.0	1138.4	588.7	381.7	174.6	127.2	79.9	67.6	55.1	53.2
72.5°	1796.1	1353.4	909.1	464.6	319.1	173.6	126.7	79.7	64.4	49.0	47.2
75°	1286.0	1028.0	694.0	359.8	261.4	162.9	120.2	77.5	60.0	42.3	40.7
77.5°	865.4	711.5	482.3	253.0	193.9	134.8	101.1	67.3	51.3	35.4	33.8
80°	555.8	492.4	323.2	154.0	125.8	97.5	72.2	46.9	37.4	27.8	26.5
82.5°	407.7	366.5	224.6	82.8	69.9	56.9	44.2	31.4	25.6	19.7	19.2
85°	259.2	285.8	165.4	45.0	36.9	28.7	23.7	18.7	14.8	10.8	10.8
87.5°	50.3	69.6	45.8	21.8	15.9	10.1	8.6	7.0	3.9	0.7	0.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385441  
 CATALOG NUMBER: GWC-SA1A-727-U-SLR

**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





REPORT NUMBER: P385441  
 CATALOG NUMBER: GWC-SA1A-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4
2.5°	1050.7	1040.6	1030.5	1019.1	1007.5	996.8	986.0	974.2	976.4	967.3	958.2
5°	874.6	858.5	842.3	828.2	814.2	802.0	789.8	778.8	788.3	781.9	775.4
7.5°	676.0	656.1	636.0	619.2	602.4	589.4	576.2	567.2	576.5	575.4	574.2
10°	565.4	546.1	526.7	508.1	489.5	473.7	457.8	444.3	442.0	435.2	428.4
12.5°	517.4	491.0	464.3	444.9	425.4	406.6	387.7	371.9	364.8	353.6	342.4
15°	459.4	428.1	396.8	374.7	352.5	334.2	315.8	302.2	297.6	289.0	280.4
17.5°	382.9	348.7	314.4	292.1	269.5	254.9	240.1	231.1	231.1	228.6	226.1
20°	292.9	262.4	231.8	214.7	197.6	189.8	181.9	178.1	179.3	179.5	179.5
22.5°	214.8	196.1	177.4	170.5	163.5	160.7	158.0	156.3	156.9	157.1	157.2
25°	169.2	162.0	154.7	151.2	147.6	145.8	144.1	143.5	144.8	144.9	144.9
27.5°	148.6	144.2	139.7	137.5	135.1	134.4	133.7	132.6	134.0	134.0	133.8
30°	138.2	133.5	128.8	126.1	123.3	123.6	123.7	123.4	124.3	124.9	125.3
32.5°	129.7	125.2	120.7	117.9	115.0	114.5	114.1	113.8	115.7	116.7	117.7
35°	122.1	117.1	112.2	109.5	106.9	105.9	104.9	104.1	105.9	107.2	108.5
37.5°	117.0	111.9	106.6	104.1	101.5	100.2	98.9	98.0	98.7	99.3	99.9
40°	112.9	107.6	102.2	99.3	96.4	95.1	93.7	93.0	93.5	93.6	93.7
42.5°	109.1	104.0	98.9	95.6	92.3	90.7	89.1	88.2	88.5	88.8	88.9
45°	106.3	101.2	95.9	92.1	88.2	86.4	84.7	83.7	83.8	83.8	83.8
47.5°	109.0	101.5	93.9	89.5	85.0	82.9	80.9	79.9	79.6	79.3	79.0
50°	118.6	105.9	93.0	87.5	81.8	79.6	77.2	76.1	75.3	75.0	74.7
52.5°	115.8	104.9	93.7	86.6	79.3	76.6	74.0	72.1	71.4	70.9	70.5
55°	106.0	99.2	92.1	83.5	74.9	72.5	70.1	68.7	67.4	67.1	66.8
57.5°	93.2	90.4	87.6	78.8	70.1	67.9	65.5	64.6	63.5	63.5	63.3
60°	78.0	82.0	86.1	76.1	65.8	63.3	60.8	60.1	59.7	59.5	59.4
62.5°	70.1	76.8	83.4	72.7	61.9	59.2	56.6	55.7	55.6	55.7	55.7
65°	63.3	65.4	67.4	62.4	57.5	54.8	52.1	51.2	51.5	51.9	52.4
67.5°	57.2	56.7	56.3	54.6	52.7	50.5	48.1	47.2	47.4	48.0	48.6
70°	51.3	50.7	50.0	48.7	47.4	45.5	43.6	43.0	42.9	43.6	44.2
72.5°	45.5	44.8	43.9	42.9	41.7	40.1	38.5	38.0	38.2	38.6	39.0
75°	39.0	38.5	37.7	36.9	35.8	34.4	32.9	32.6	32.9	33.3	33.8
77.5°	32.0	31.9	31.6	30.9	30.1	28.5	26.8	26.6	27.1	27.5	27.8
80°	25.0	25.2	25.3	24.7	24.1	22.4	20.5	20.3	20.8	21.2	21.6
82.5°	18.4	18.9	19.2	18.4	17.7	15.6	13.6	13.3	14.8	15.2	15.6
85°	10.7	11.3	11.8	11.3	10.7	8.6	6.6	6.4	7.8	8.5	9.2
87.5°	0.9	1.2	1.5	1.3	1.2	0.6	0.0	0.0	0.1	0.7	1.3
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: P385441  
 CATALOG NUMBER: GWC-SA1A-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: P385441

CATALOG NUMBER: GWC-SA1A-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4
2.5°	952.5	946.8	945.1	943.3	936.9	930.3	937.0	943.6	946.4	949.2	942.0
5°	774.5	773.5	773.5	773.4	767.5	761.5	766.1	770.5	760.7	750.9	749.8
7.5°	580.5	586.8	591.9	596.9	595.0	593.0	597.3	601.5	589.1	576.5	570.4
10°	429.8	431.1	436.7	442.3	443.6	444.8	450.0	455.1	445.5	435.8	431.6
12.5°	335.4	328.3	329.1	329.7	332.3	334.8	340.3	345.7	341.8	337.7	338.1
15°	271.6	262.7	259.0	255.2	258.1	261.1	265.0	268.8	269.0	269.0	272.8
17.5°	221.7	217.2	213.5	209.7	213.7	217.5	217.9	218.4	218.5	218.6	218.4
20°	181.6	183.8	182.7	181.5	183.0	184.3	185.4	186.5	185.2	183.7	180.0
22.5°	159.3	161.2	162.6	163.9	166.4	168.8	167.6	166.3	163.7	160.9	158.1
25°	146.3	147.6	149.0	150.5	152.5	154.4	152.4	150.3	148.4	146.5	144.6
27.5°	135.3	136.6	137.9	139.1	141.0	142.7	140.8	138.9	137.3	135.7	134.3
30°	126.4	127.2	128.3	129.3	131.0	132.6	131.0	129.3	128.1	126.8	125.8
32.5°	118.8	119.6	120.1	120.5	122.1	123.7	122.6	121.4	120.4	119.3	118.6
35°	110.4	112.2	112.5	112.8	114.4	116.0	115.2	114.4	113.2	112.0	110.7
37.5°	101.9	104.0	105.2	106.2	107.8	109.4	108.7	107.9	106.3	104.7	102.4
40°	94.8	95.6	97.8	99.9	102.5	105.0	103.5	101.9	99.5	97.0	95.8
42.5°	88.8	88.6	90.7	92.7	96.7	100.5	97.8	95.2	92.9	90.5	90.2
45°	83.5	83.1	84.1	85.1	89.4	93.5	90.8	88.0	86.7	85.4	85.4
47.5°	78.8	78.5	79.3	79.9	82.5	85.0	83.7	82.3	81.6	80.9	81.0
50°	74.6	74.3	75.0	75.6	76.6	77.5	77.8	78.0	77.5	77.1	77.4
52.5°	70.6	70.6	70.9	71.1	72.4	73.7	73.7	73.6	73.6	73.6	73.9
55°	67.3	67.6	67.6	67.6	69.6	71.5	70.9	70.3	70.5	70.5	70.8
57.5°	63.9	64.4	64.6	64.9	67.0	69.0	68.4	67.9	67.9	67.9	68.0
60°	60.1	60.7	61.3	61.9	63.9	66.0	65.4	64.6	64.8	64.9	65.1
62.5°	56.5	57.0	57.6	58.2	60.3	62.3	61.7	61.0	61.4	61.7	61.7
65°	52.9	53.4	54.0	54.6	56.5	58.4	57.8	57.2	57.8	58.2	58.5
67.5°	49.0	49.3	49.9	50.5	52.4	54.3	53.7	52.9	53.7	54.3	54.8
70°	44.5	44.8	45.5	46.1	48.0	49.9	49.1	48.4	49.1	49.9	50.5
72.5°	39.5	39.8	40.5	41.1	43.3	45.5	44.6	43.7	44.6	45.5	45.8
75°	34.1	34.4	35.2	36.0	38.2	40.4	39.6	38.8	39.5	40.2	40.4
77.5°	28.2	28.7	29.8	31.0	32.8	34.5	34.1	33.6	34.1	34.5	34.5
80°	22.1	22.5	24.0	25.3	26.3	27.3	27.5	27.6	27.8	27.9	27.8
82.5°	16.4	17.0	18.3	19.6	19.6	19.6	20.8	21.8	21.8	21.6	21.5
85°	10.1	10.8	12.0	13.2	12.4	11.7	13.6	15.4	15.4	15.2	14.9
87.5°	2.0	2.8	3.9	5.0	4.2	3.5	5.4	7.3	7.5	7.5	7.2
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: P385441  
 CATALOG NUMBER: GWC-SA1A-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: P385441  
 CATALOG NUMBER: GWC-SA1A-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4
2.5°	934.7	946.1	957.4	960.3	964.7	966.6	968.3	982.7	996.8	1013.5	1030.2
5°	748.7	757.1	765.6	766.9	771.5	773.8	776.2	793.6	810.8	834.1	857.3
7.5°	564.2	566.3	568.3	568.0	571.8	577.0	581.9	600.5	618.9	643.9	668.8
10°	427.3	432.0	436.6	440.8	449.1	458.8	468.3	487.3	506.3	531.0	555.6
12.5°	338.6	344.0	349.2	353.9	363.6	376.5	389.2	412.0	434.8	464.3	493.7
15°	276.4	276.0	275.5	278.8	287.2	301.3	315.2	339.3	363.4	395.9	428.2
17.5°	218.1	215.9	213.7	216.2	224.1	235.6	247.0	267.5	287.8	319.3	350.7
20°	176.4	174.9	173.5	175.8	180.8	185.6	190.4	205.2	219.8	245.4	270.9
22.5°	155.2	155.0	154.7	156.1	158.4	160.9	163.2	170.4	177.4	193.9	210.3
25°	142.7	142.6	142.4	143.0	144.9	146.8	148.7	153.4	158.1	166.0	173.9
27.5°	132.8	132.5	132.2	132.4	132.8	135.7	138.5	140.7	142.7	148.2	153.4
30°	124.8	124.6	124.5	124.5	124.0	125.0	126.1	129.4	132.6	138.2	143.8
32.5°	117.9	117.1	116.4	114.8	113.8	115.2	116.7	120.2	123.7	128.8	134.0
35°	109.2	107.3	105.3	104.4	104.6	106.0	107.5	111.0	114.4	119.9	125.3
37.5°	99.9	99.3	98.6	98.4	98.9	100.3	101.8	104.9	107.8	113.3	118.8
40°	94.6	94.3	94.0	93.7	94.0	95.5	97.0	99.9	102.7	108.1	113.3
42.5°	89.9	89.8	89.7	89.7	89.8	91.4	93.0	95.9	98.7	103.5	108.4
45°	85.4	85.6	85.6	85.8	86.3	87.9	89.4	92.6	95.8	100.5	105.2
47.5°	81.2	81.6	81.9	82.6	83.1	84.8	86.4	89.9	93.5	99.3	105.0
50°	77.5	78.0	78.2	78.8	80.0	82.0	84.1	88.3	92.4	102.2	111.9
52.5°	74.1	74.6	75.0	75.6	77.1	79.4	81.8	87.0	92.1	103.5	115.0
55°	71.1	71.5	71.8	72.7	74.1	76.2	78.1	84.5	91.0	99.3	107.6
57.5°	68.2	68.6	68.9	69.5	70.2	72.4	74.4	81.3	88.2	94.0	99.7
60°	65.1	65.4	65.5	65.5	66.1	68.6	71.1	79.9	88.5	87.5	86.3
62.5°	61.7	62.0	62.2	61.7	62.4	65.1	67.7	79.1	90.5	83.5	76.5
65°	58.6	58.5	58.4	57.9	58.8	61.4	63.9	69.6	75.3	72.5	69.8
67.5°	55.3	54.8	54.4	53.8	54.7	57.0	59.2	61.1	63.0	63.3	63.6
70°	51.0	50.5	49.9	49.7	50.2	52.1	54.0	55.3	56.5	57.0	57.5
72.5°	46.1	45.6	45.2	44.9	45.0	46.7	48.1	49.3	50.5	50.9	51.2
75°	40.5	40.5	40.4	39.5	39.5	40.8	42.0	43.0	44.0	44.6	45.2
77.5°	34.5	34.7	34.7	33.5	33.3	34.7	35.8	36.7	37.4	38.0	38.5
80°	27.6	27.3	27.1	26.3	26.0	27.6	29.1	29.8	30.4	30.6	30.6
82.5°	21.2	20.6	19.9	18.3	18.4	20.2	21.8	22.4	23.0	23.0	23.0
85°	14.5	13.3	12.0	10.7	10.8	12.7	14.5	15.1	15.6	15.9	16.1
87.5°	6.9	5.7	4.4	3.4	3.4	5.0	6.4	6.7	7.0	7.6	8.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385441

CATALOG NUMBER: GWC-SA1A-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: P385441

CATALOG NUMBER: GWC-SA1A-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4
2.5°	1042.9	1055.5	1068.5	1081.5	1096.4	1111.4	1128.8	1146.0	1160.8	1175.6	1187.9
5°	877.4	897.4	920.9	944.5	974.5	1004.5	1041.2	1077.7	1110.3	1143.0	1180.8
7.5°	695.0	721.0	751.7	782.4	821.2	860.0	907.5	955.0	1001.1	1047.0	1105.2
10°	583.0	610.3	640.6	670.7	710.2	749.5	799.8	850.0	901.8	953.4	1019.2
12.5°	524.2	554.4	581.1	607.7	639.7	671.6	720.3	769.0	829.8	890.5	953.9
15°	461.4	494.5	526.4	558.2	593.2	628.0	675.4	722.8	789.3	855.9	928.7
17.5°	385.5	420.3	459.2	498.0	543.6	589.1	649.8	710.5	789.3	868.0	953.9
20°	306.4	341.9	388.4	435.0	491.7	548.3	627.0	705.7	811.8	917.9	1027.4
22.5°	241.8	273.1	323.8	374.4	439.9	505.4	606.4	707.1	845.9	984.6	1132.4
25°	196.0	218.1	267.9	317.7	393.3	468.9	593.8	718.5	895.5	1072.3	1255.7
27.5°	167.9	182.4	228.9	275.2	357.9	440.4	588.7	736.8	958.4	1180.0	1389.8
30°	153.9	163.9	203.3	242.5	326.4	410.4	582.5	754.7	1018.9	1283.1	1494.7
32.5°	142.2	150.2	183.8	217.3	299.2	381.1	570.7	760.1	1061.2	1362.3	1583.5
35°	132.2	138.9	168.2	197.4	277.9	358.3	550.8	743.2	1087.7	1432.1	1675.9
37.5°	124.2	129.4	156.5	183.5	259.4	335.4	528.1	720.9	1111.2	1501.6	1779.9
40°	117.9	122.4	147.7	173.0	241.9	310.8	508.7	706.4	1143.7	1581.0	1889.7
42.5°	114.4	120.2	140.1	159.9	225.2	290.6	493.0	695.4	1173.8	1652.1	1985.8
45°	113.5	121.8	136.2	150.5	212.8	275.1	479.1	683.0	1193.3	1703.5	2058.2
47.5°	112.0	118.9	133.1	147.3	206.7	265.9	471.7	677.3	1212.7	1748.0	2118.3
50°	112.9	113.8	130.6	147.3	205.8	264.3	480.1	696.0	1254.8	1813.5	2187.0
52.5°	111.3	107.5	125.9	144.4	205.6	266.9	504.6	742.2	1333.1	1923.8	2261.5
55°	102.8	97.8	117.1	136.5	202.6	268.5	533.7	798.7	1438.1	2077.4	2395.3
57.5°	95.4	90.8	107.2	123.4	193.2	263.0	563.7	864.2	1549.1	2233.8	2546.1
60°	85.4	84.4	96.1	107.8	178.7	249.5	588.4	927.1	1623.7	2320.1	2604.2
62.5°	77.2	77.8	86.4	95.1	160.6	226.0	596.6	967.0	1621.6	2276.3	2545.7
65°	70.9	72.0	80.4	88.9	145.1	201.2	569.6	937.9	1539.6	2141.1	2430.0
67.5°	64.8	66.0	76.1	86.0	131.3	176.5	502.4	828.1	1392.0	1955.8	2282.8
70°	58.9	60.4	71.4	82.3	121.4	160.3	415.6	671.0	1207.3	1743.5	2112.5
72.5°	52.7	54.1	65.8	77.5	115.1	152.5	338.9	525.0	979.7	1434.3	1806.9
75°	46.2	47.2	60.0	72.5	106.5	140.4	265.9	391.2	749.8	1108.4	1364.8
77.5°	39.8	41.1	51.8	62.3	90.4	118.3	200.4	282.4	550.2	817.8	949.2
80°	31.7	32.9	40.5	48.0	69.8	91.4	137.8	184.1	378.6	573.2	647.2
82.5°	24.3	25.6	30.7	35.7	49.7	63.8	83.5	103.3	251.6	399.7	405.8
85°	16.7	17.1	20.8	24.3	30.7	37.1	47.8	58.5	166.4	274.4	228.6
87.5°	8.3	8.3	10.8	13.3	16.5	19.7	25.3	30.7	53.2	75.8	43.6
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: P385441  
 CATALOG NUMBER: GWC-SA1A-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: P385441

CATALOG NUMBER: GWC-SA1A-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4
2.5°	1203.5	1214.2	1225.0	1233.2	1241.5	1253.5	1265.5	1267.7	1270.0	1265.4	1260.7
5°	1219.0	1251.3	1283.8	1313.8	1343.8	1361.7	1379.7	1383.4	1387.0	1375.8	1364.4
7.5°	1161.5	1217.8	1274.1	1325.8	1377.4	1408.7	1440.1	1447.2	1454.3	1435.9	1417.5
10°	1084.7	1153.9	1223.1	1291.1	1359.1	1404.6	1450.1	1459.1	1468.2	1445.3	1422.3
12.5°	1025.4	1099.2	1173.1	1244.7	1316.6	1363.6	1410.7	1422.0	1433.3	1416.6	1399.8
15°	1007.1	1076.6	1146.0	1208.5	1271.1	1309.5	1348.1	1352.7	1357.4	1354.7	1352.1
17.5°	1040.3	1103.0	1165.9	1199.8	1233.9	1249.3	1264.8	1269.8	1274.9	1281.5	1288.2
20°	1120.7	1164.9	1209.2	1207.7	1206.1	1198.7	1191.1	1189.8	1188.4	1207.3	1226.3
22.5°	1240.8	1258.3	1276.0	1234.9	1193.8	1168.8	1143.7	1138.7	1133.6	1153.6	1173.8
25°	1371.1	1367.9	1364.5	1286.3	1207.9	1160.2	1112.5	1107.0	1101.4	1118.5	1135.8
27.5°	1500.1	1479.0	1458.0	1351.7	1245.3	1176.2	1107.0	1101.4	1095.9	1111.1	1126.3
30°	1594.7	1560.9	1527.2	1406.8	1286.4	1204.2	1122.0	1113.0	1103.8	1122.5	1141.2
32.5°	1668.6	1623.2	1577.9	1451.5	1325.2	1236.3	1147.3	1133.2	1119.0	1144.0	1169.0
35°	1742.3	1678.5	1614.6	1491.5	1368.2	1274.1	1180.0	1162.6	1145.1	1179.5	1213.9
37.5°	1835.0	1743.5	1651.8	1536.4	1421.0	1330.9	1240.6	1222.8	1205.0	1248.7	1292.6
40°	1935.6	1813.5	1691.4	1585.5	1479.6	1409.4	1339.1	1322.1	1305.0	1358.2	1411.5
42.5°	2019.3	1878.7	1738.2	1644.7	1551.1	1501.7	1452.1	1452.0	1451.7	1505.7	1559.6
45°	2087.3	1933.1	1778.9	1702.5	1626.0	1600.3	1574.5	1595.2	1615.8	1664.5	1713.3
47.5°	2138.0	1978.8	1819.4	1768.6	1717.9	1721.7	1725.5	1767.4	1809.4	1840.7	1872.2
50°	2171.1	2020.2	1869.1	1853.4	1837.8	1871.9	1906.1	1954.2	2002.5	2023.8	2045.2
52.5°	2219.2	2076.3	1933.3	1950.8	1968.4	2038.0	2107.6	2156.3	2205.0	2212.9	2221.0
55°	2330.5	2179.6	2028.5	2062.1	2095.9	2198.0	2300.2	2338.3	2376.3	2379.2	2382.1
57.5°	2488.6	2324.2	2159.8	2196.1	2232.4	2350.3	2468.3	2509.2	2550.3	2544.6	2538.8
60°	2606.9	2461.6	2316.0	2352.6	2389.2	2504.1	2619.1	2666.2	2713.4	2700.8	2688.2
62.5°	2614.2	2536.6	2458.8	2491.8	2525.0	2637.6	2750.3	2798.7	2847.1	2825.1	2803.2
65°	2498.0	2532.8	2567.6	2578.6	2589.5	2694.5	2799.7	2836.7	2873.8	2862.7	2851.6
67.5°	2337.8	2466.1	2594.5	2572.4	2550.3	2599.6	2648.9	2687.1	2725.2	2719.0	2712.5
70°	2178.0	2349.2	2520.5	2412.0	2303.3	2283.0	2262.7	2303.8	2345.0	2319.5	2294.0
72.5°	1905.8	2088.3	2271.0	2071.1	1871.1	1801.7	1732.2	1784.4	1836.6	1796.1	1755.5
75°	1496.0	1697.7	1899.5	1661.0	1422.4	1329.7	1237.0	1281.9	1326.8	1299.0	1271.1
77.5°	1113.7	1312.5	1511.2	1268.7	1026.1	957.2	888.2	901.5	914.9	910.3	905.4
80°	755.4	893.9	1032.5	871.1	709.6	714.9	720.3	714.0	707.6	716.9	726.3
82.5°	482.0	589.0	696.0	610.3	524.6	573.7	622.9	598.8	574.5	583.4	592.5
85°	275.1	379.7	484.4	451.5	418.4	447.1	475.9	438.5	401.0	417.4	433.9
87.5°	72.5	210.0	347.6	315.6	283.6	246.4	209.3	159.7	110.1	160.9	211.6
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: P385441  
 CATALOG NUMBER: GWC-SA1A-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: P385441

CATALOG NUMBER: GWC-SA1A-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4
2.5°	1258.2	1255.7	1246.8	1237.7	1224.3	1213.2	1193.8
5°	1348.6	1332.8	1305.6	1278.2	1247.8	1212.9	1174.1
7.5°	1380.6	1343.6	1291.4	1239.0	1191.9	1136.7	1085.2
10°	1367.0	1311.6	1243.7	1175.7	1118.5	1054.9	997.7
12.5°	1341.0	1282.0	1207.3	1132.4	1067.3	999.0	935.0
15°	1305.1	1258.1	1188.0	1117.9	1052.4	986.0	910.1
17.5°	1266.0	1243.6	1193.0	1142.2	1085.5	1021.1	932.1
20°	1234.4	1242.6	1222.4	1202.2	1156.7	1100.5	1000.5
22.5°	1213.0	1252.4	1267.9	1283.5	1256.2	1212.3	1096.6
25°	1201.0	1266.2	1318.2	1370.2	1358.1	1324.3	1213.3
27.5°	1206.3	1286.3	1366.9	1447.6	1458.9	1449.5	1336.3
30°	1222.1	1303.1	1401.2	1499.5	1544.4	1557.0	1438.8
32.5°	1248.4	1327.8	1434.7	1541.8	1609.6	1649.7	1532.6
35°	1288.2	1362.5	1473.9	1585.4	1673.1	1746.2	1629.4
37.5°	1356.5	1420.4	1523.2	1626.2	1740.0	1849.8	1736.0
40°	1456.5	1501.7	1588.6	1675.6	1818.8	1967.1	1854.9
42.5°	1582.7	1606.0	1674.9	1743.8	1901.1	2073.6	1971.2
45°	1719.5	1725.6	1768.9	1812.3	1966.3	2146.1	2058.5
47.5°	1851.1	1830.0	1847.3	1864.6	2016.4	2197.9	2124.7
50°	1986.5	1927.9	1918.8	1909.7	2066.4	2258.9	2209.0
52.5°	2124.3	2027.6	1991.8	1955.8	2126.1	2339.7	2313.8
55°	2259.1	2136.1	2087.9	2039.6	2217.3	2438.4	2467.8
57.5°	2399.4	2260.0	2215.3	2170.5	2351.4	2563.5	2606.1
60°	2550.3	2412.3	2376.4	2340.5	2518.2	2698.6	2667.6
62.5°	2693.5	2583.8	2565.0	2545.9	2686.8	2802.5	2643.6
65°	2789.2	2726.6	2744.1	2761.8	2814.3	2828.4	2573.4
67.5°	2725.2	2738.0	2812.1	2886.4	2850.3	2751.4	2435.1
70°	2370.1	2446.5	2622.1	2797.9	2717.8	2545.4	2186.7
72.5°	1841.2	1927.0	2187.8	2448.7	2374.8	2163.6	1796.1
75°	1367.9	1464.9	1752.7	2040.5	1938.0	1618.4	1286.0
77.5°	970.4	1035.3	1319.5	1603.8	1436.6	1077.3	865.4
80°	706.4	686.5	844.9	1003.3	975.5	712.5	555.8
82.5°	543.9	495.4	569.9	644.5	640.4	494.5	407.7
85°	414.5	395.0	461.0	526.9	470.5	334.9	259.2
87.5°	241.6	271.7	349.4	427.2	320.6	101.6	50.3
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: P385441

CATALOG NUMBER: GWC-SA1A-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  
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







--- HS — SS

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

Scaled Data Report



u



110°	0.0	0.0	0.0	0.0	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





110°	0.0	0.0	0.0	0.0	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





110°	0.0	0.0	0.0	0.0	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







110°	0.0	0.0	0.0	0.0	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





110°	0.0	0.0	0.0	0.0	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





110°	0.0	0.0	0.0	0.0	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





110°	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



(END OF REPORT)