

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: P385497

Luminaire Tested: **GWC-SA1A-740-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P385497  
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-740-U-SLR  
Description: GALLEON WALL LUMINAIRE  
(1) 70 CRI, 4000K, 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: 4373 lumens  
Efficiency: N/A  
Efficacy: 128.6 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

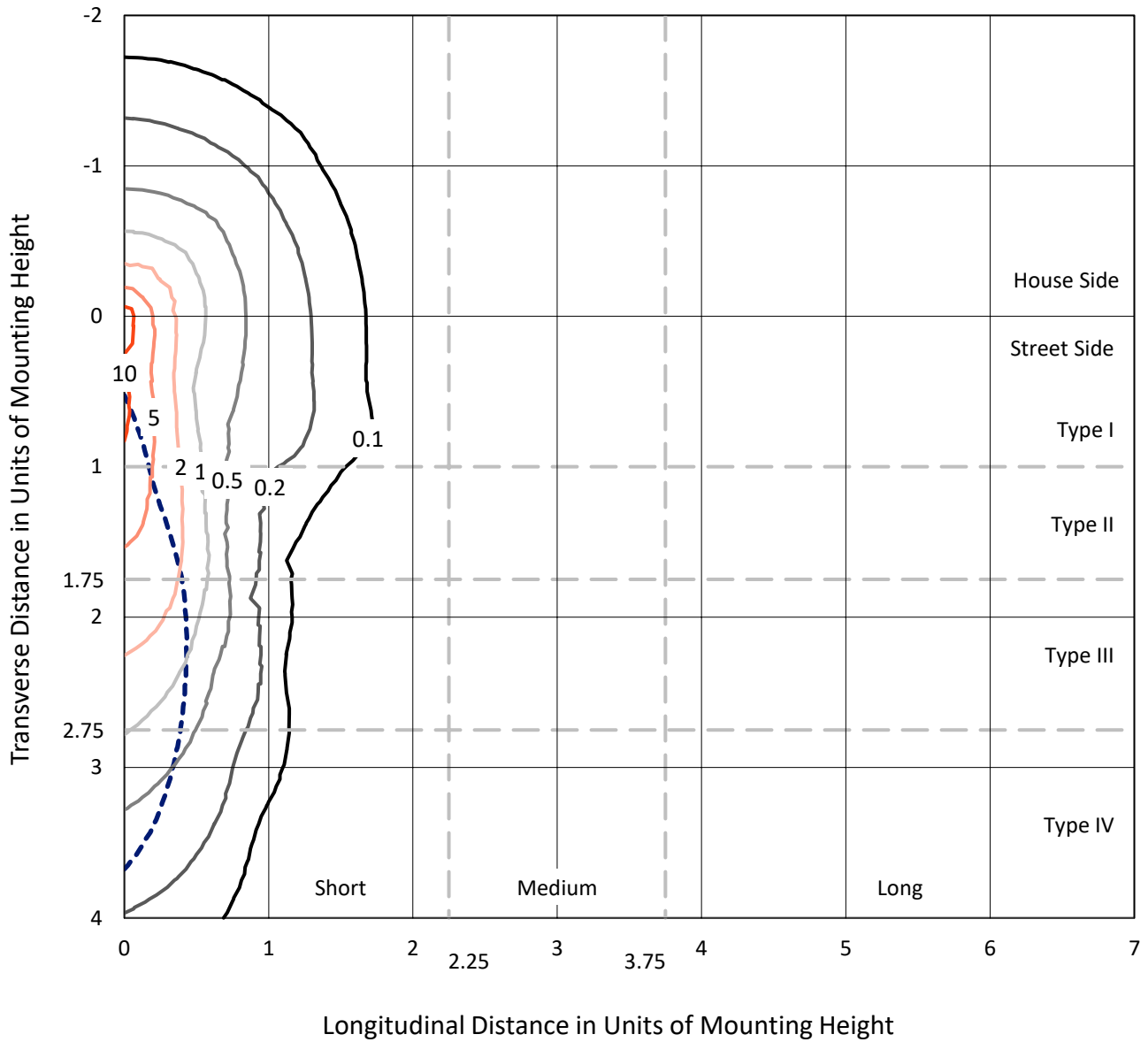
Input Watts (W): 34  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

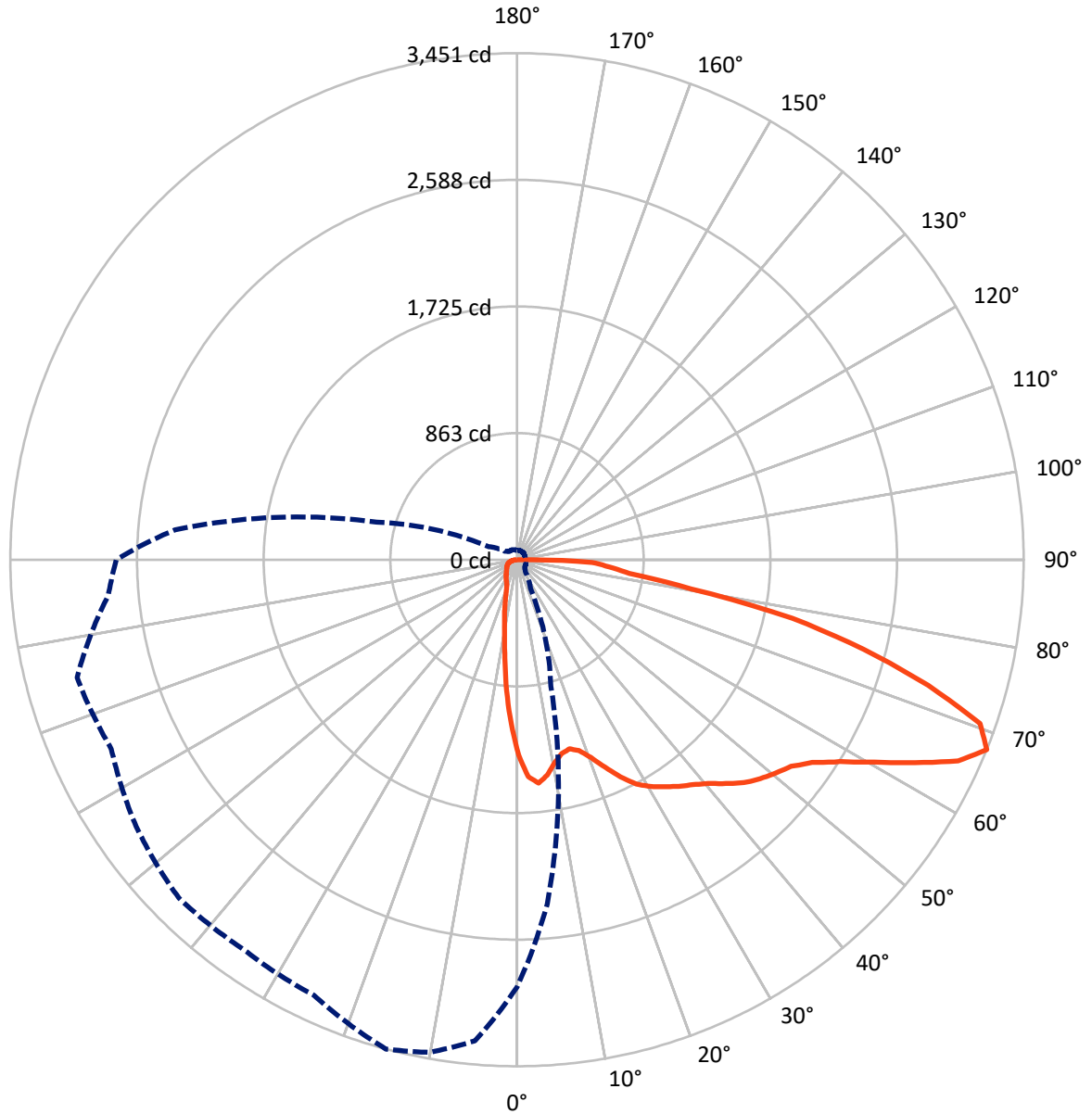
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 13.3 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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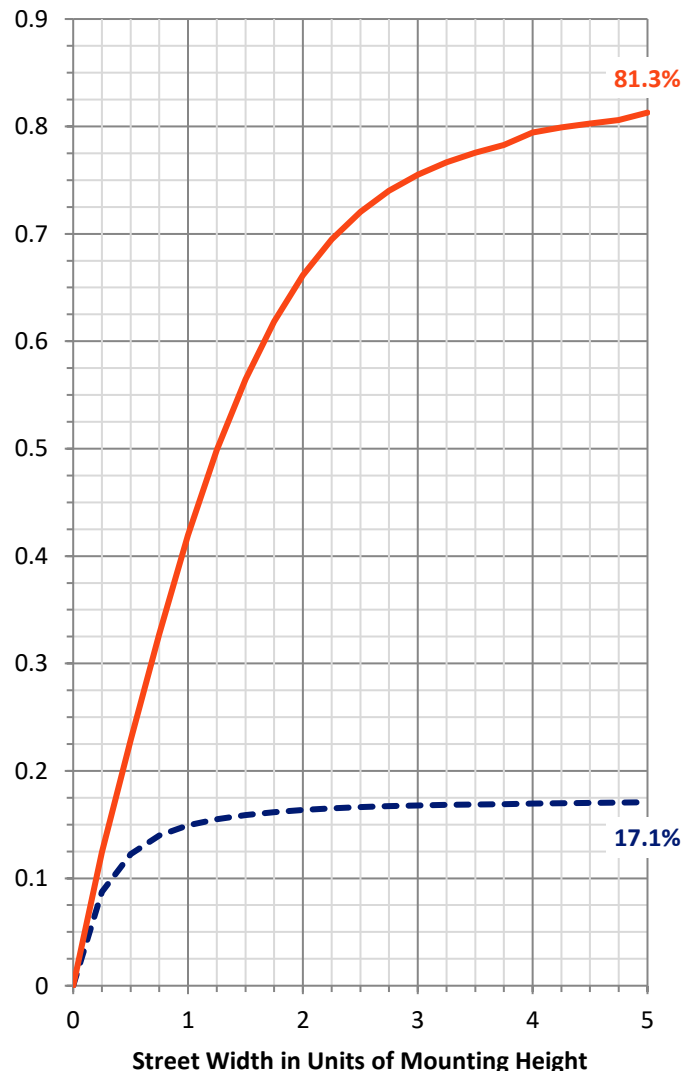
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	756.0	0.0	756.0
	% Fixture	17.3	0.0	17.3
<b>Street Side</b>	Lumens	3617.0	0.0	3617.0
	% Fixture	82.7	0.0	82.7
<b>Total</b>	Lumens	4373.0	0.0	4373.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	102.8	2.4
10°-20°	213.6	4.9
20°-30°	303.8	6.9
30°-40°	437.8	10.0
40°-50°	616.9	14.1
50°-60°	857.6	19.6
60°-70°	1037.1	23.7
70°-80°	637.5	14.6
80°-90°	165.9	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°	4373.0	100.0
0°-180°	4373.0	100.0

**Coefficient of Utilization**



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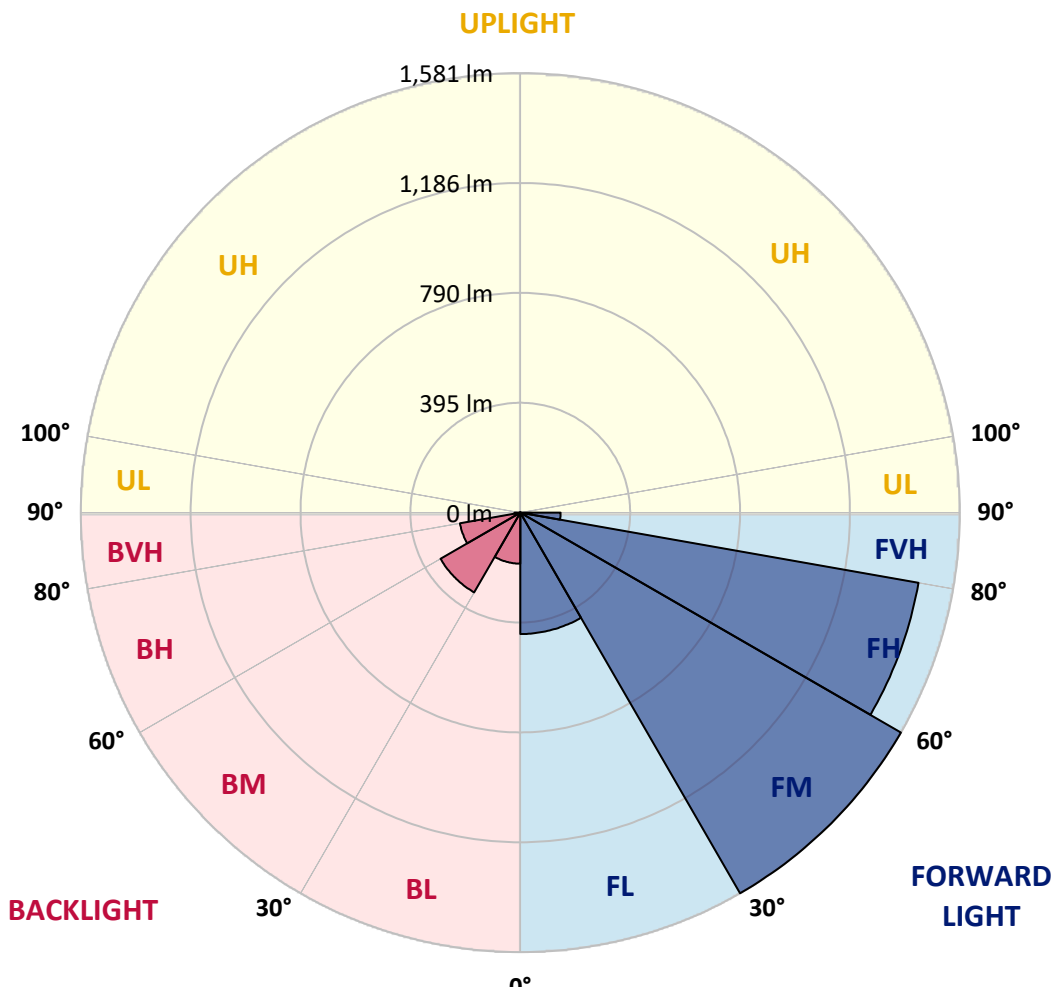
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	436.7	10.0			
FM (30°-60°)	1580.9	36.2			
FH (60°-80°)	1454.3	33.3			G1/1800
FVH (80°-90°)	145.1	3.3			G2/225
BL (0°-30°)	183.6	4.2	B1/500		
BM (30°-60°)	331.3	7.6	B1/1000		
BH (60°-80°)	220.3	5.0	B1/500		G1/500
BVH (80°-90°)	20.8	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G2**

Type IV Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3
2.5°	1427.2	1414.6	1395.6	1376.5	1362.3	1348.0	1331.7	1315.5	1296.9	1278.2	1267.2
5°	1403.6	1368.6	1323.2	1277.7	1247.6	1217.6	1183.5	1149.4	1115.6	1081.9	1063.7
7.5°	1297.3	1244.8	1185.8	1126.7	1082.9	1039.1	991.9	944.5	902.5	860.4	834.3
10°	1192.7	1129.8	1062.0	994.0	938.0	882.1	834.7	787.1	755.5	723.8	699.9
12.5°	1117.7	1048.0	973.3	898.5	842.5	786.6	756.5	726.5	700.2	674.0	646.4
15°	1088.0	1009.2	932.8	856.2	805.3	754.4	721.0	687.5	652.3	617.0	583.1
17.5°	1114.2	1021.9	938.9	855.8	789.2	722.6	675.9	629.1	582.7	536.4	497.1
20°	1196.1	1078.2	969.7	860.9	772.3	683.6	621.0	558.3	498.8	439.4	394.8
22.5°	1310.9	1155.0	1013.2	871.4	756.9	642.2	563.7	485.0	414.7	344.4	300.7
25°	1450.5	1256.7	1076.0	895.0	750.6	606.0	509.5	413.0	338.8	264.5	233.4
27.5°	1597.5	1378.1	1153.9	929.6	751.6	573.6	463.8	353.9	287.1	220.3	199.0
30°	1720.1	1516.7	1244.8	972.8	755.6	538.5	420.8	303.2	248.1	193.0	179.2
32.5°	1832.1	1613.4	1313.4	1013.2	760.2	507.0	387.6	268.0	223.1	178.0	166.6
35°	1947.9	1699.2	1361.3	1023.2	752.3	481.3	364.9	248.4	207.0	165.4	155.8
37.5°	2075.3	1792.1	1407.4	1022.6	739.0	455.5	347.2	238.8	196.5	154.0	147.0
40°	2217.5	1894.7	1457.4	1020.2	727.0	433.6	334.1	234.5	190.7	146.9	140.9
42.5°	2356.5	1992.6	1504.0	1015.3	717.2	418.9	321.2	223.4	185.5	147.4	139.0
45°	2460.8	2078.1	1544.3	1010.4	709.8	409.3	311.0	212.8	180.6	148.4	137.8
47.5°	2540.0	2164.0	1589.1	1014.1	709.1	404.2	303.9	203.5	171.3	139.0	134.6
50°	2640.8	2267.1	1654.3	1041.5	718.8	396.0	295.5	194.8	162.4	130.1	136.0
52.5°	2766.1	2414.3	1755.4	1096.2	738.9	381.5	282.2	182.9	151.6	120.1	129.4
55°	2950.2	2603.0	1884.6	1166.0	763.2	360.2	262.1	163.8	137.2	110.5	118.7
57.5°	3115.4	2793.6	2008.5	1223.3	778.4	333.2	236.7	140.2	121.2	102.1	106.8
60°	3189.0	2891.8	2066.6	1241.2	769.3	297.4	208.2	118.9	107.0	95.1	94.2
62.5°	3160.4	2829.4	2009.4	1189.4	724.9	260.3	183.1	105.8	96.9	87.8	85.8
65°	3076.4	2633.2	1849.3	1065.3	649.9	234.5	167.1	99.8	89.9	79.9	77.8
67.5°	2911.1	2354.0	1622.3	890.6	554.6	218.5	158.1	97.6	85.5	73.3	70.8
70°	2614.2	2018.0	1360.9	703.7	456.3	208.8	152.1	95.5	80.8	65.9	63.6
72.5°	2147.2	1617.9	1086.8	555.5	381.5	207.5	151.4	95.3	76.9	58.6	56.5
75°	1537.3	1228.9	829.6	430.1	312.4	194.8	143.7	92.7	71.7	50.5	48.6
77.5°	1034.5	850.6	576.6	302.5	231.8	161.2	120.8	80.4	61.4	42.3	40.4
80°	664.4	588.7	386.4	184.1	150.4	116.6	86.4	56.1	44.8	33.2	31.6
82.5°	487.4	438.1	268.6	99.0	83.6	68.0	52.8	37.6	30.6	23.6	22.9
85°	309.8	341.6	197.7	53.9	44.1	34.3	28.3	22.4	17.7	12.9	12.9
87.5°	60.1	83.2	54.7	26.1	19.1	12.1	10.3	8.4	4.7	0.9	1.0
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):**

	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°	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3
2.5°	1256.0	1244.0	1231.9	1218.3	1204.5	1191.7	1178.8	1164.6	1167.2	1156.4	1145.5
5°	1045.5	1026.3	1006.9	990.1	973.3	958.8	944.1	931.0	942.4	934.7	927.0
7.5°	808.1	784.3	760.4	740.3	720.2	704.6	688.9	678.0	689.2	687.8	686.4
10°	675.9	652.8	629.6	607.4	585.2	566.3	547.2	531.2	528.4	520.3	512.1
12.5°	618.6	586.9	555.1	531.9	508.6	486.0	463.5	444.6	436.0	422.8	409.3
15°	549.2	511.8	474.3	447.9	421.4	399.5	377.5	361.2	355.8	345.5	335.2
17.5°	457.7	416.8	375.9	349.2	322.2	304.7	287.1	276.2	276.2	273.3	270.3
20°	350.2	313.7	277.1	256.7	236.2	226.9	217.5	213.0	214.4	214.5	214.5
22.5°	256.8	234.5	212.1	203.9	195.5	192.1	188.8	186.9	187.6	187.8	188.0
25°	202.3	193.7	185.0	180.8	176.4	174.3	172.2	171.5	173.1	173.3	173.3
27.5°	177.6	172.4	167.0	164.3	161.6	160.7	159.8	158.6	160.2	160.2	160.0
30°	165.2	159.6	154.0	150.7	147.4	147.7	147.9	147.6	148.6	149.3	149.8
32.5°	155.1	149.7	144.2	140.9	137.4	136.9	136.4	136.0	138.3	139.5	140.7
35°	146.0	140.0	134.1	131.0	127.8	126.6	125.4	124.5	126.6	128.2	129.7
37.5°	139.9	133.8	127.5	124.5	121.3	119.8	118.2	117.1	118.0	118.7	119.4
40°	135.0	128.7	122.2	118.7	115.2	113.6	112.1	111.2	111.7	111.9	112.1
42.5°	130.4	124.3	118.2	114.3	110.3	108.4	106.5	105.4	105.8	106.1	106.3
45°	127.1	121.0	114.7	110.1	105.4	103.3	101.2	100.0	100.2	100.2	100.2
47.5°	130.3	121.3	112.2	107.0	101.6	99.1	96.7	95.5	95.1	94.8	94.4
50°	141.8	126.6	111.2	104.6	97.7	95.1	92.3	90.9	90.0	89.7	89.3
52.5°	138.5	125.4	112.1	103.5	94.8	91.6	88.5	86.2	85.3	84.8	84.3
55°	126.8	118.5	110.1	99.8	89.5	86.7	83.7	82.2	80.6	80.3	79.9
57.5°	111.4	108.0	104.7	94.2	83.7	81.1	78.3	77.3	75.9	75.9	75.7
60°	93.2	98.1	103.0	90.9	78.7	75.7	72.7	71.9	71.3	71.2	71.0
62.5°	83.7	91.8	99.7	86.9	74.0	70.8	67.7	66.6	66.4	66.6	66.6
65°	75.7	78.2	80.6	74.7	68.7	65.6	62.2	61.2	61.5	62.1	62.6
67.5°	68.4	67.8	67.3	65.2	62.9	60.3	57.5	56.5	56.6	57.3	58.0
70°	61.4	60.7	59.8	58.2	56.6	54.4	52.1	51.4	51.2	52.1	52.8
72.5°	54.4	53.5	52.5	51.2	49.8	47.9	46.0	45.5	45.6	46.2	46.7
75°	46.7	46.0	45.1	44.1	42.8	41.1	39.3	39.0	39.3	39.9	40.4
77.5°	38.3	38.1	37.8	36.9	36.0	34.1	32.0	31.8	32.3	32.9	33.2
80°	29.9	30.1	30.2	29.5	28.8	26.8	24.5	24.3	24.8	25.4	25.9
82.5°	22.0	22.6	22.9	22.0	21.2	18.7	16.3	15.9	17.7	18.2	18.7
85°	12.8	13.5	14.2	13.5	12.8	10.3	7.9	7.7	9.3	10.1	11.0
87.5°	1.0	1.4	1.7	1.6	1.4	0.7	0.0	0.0	0.2	0.9	1.6
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: P385497  
 CATALOG NUMBER: GWC-SA1A-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3
2.5°	1138.7	1131.9	1129.8	1127.7	1120.0	1112.1	1120.2	1128.1	1131.4	1134.7	1126.1
5°	925.9	924.7	924.7	924.5	917.5	910.4	915.8	921.0	909.3	897.6	896.4
7.5°	693.9	701.4	707.6	713.5	711.2	709.0	714.0	719.1	704.2	689.2	681.9
10°	513.8	515.4	522.1	528.7	530.3	531.7	538.0	544.1	532.6	521.0	515.9
12.5°	400.9	392.5	393.4	394.1	397.2	400.2	406.8	413.3	408.6	403.7	404.2
15°	324.7	314.0	309.6	305.1	308.6	312.1	316.8	321.4	321.5	321.5	326.1
17.5°	265.1	259.6	255.3	250.7	255.4	260.0	260.5	261.0	261.2	261.4	261.0
20°	217.1	219.8	218.4	217.0	218.7	220.3	221.7	222.9	221.3	219.6	215.2
22.5°	190.4	192.7	194.4	196.0	199.0	201.8	200.4	198.8	195.6	192.3	189.0
25°	174.8	176.4	178.2	179.9	182.4	184.6	182.2	179.7	177.5	175.2	172.9
27.5°	161.7	163.3	164.9	166.3	168.5	170.6	168.4	166.1	164.2	162.2	160.5
30°	151.1	152.1	153.3	154.6	156.7	158.6	156.7	154.6	153.2	151.6	150.4
32.5°	142.0	143.0	143.5	144.1	146.0	147.9	146.5	145.1	143.9	142.7	141.8
35°	132.0	134.1	134.5	134.8	136.7	138.6	137.8	136.7	135.3	133.9	132.4
37.5°	121.9	124.3	125.7	126.9	128.9	130.8	129.9	129.0	127.1	125.2	122.4
40°	113.3	114.3	117.0	119.4	122.6	125.5	123.8	121.9	118.9	115.9	114.5
42.5°	106.1	106.0	108.4	110.8	115.6	120.1	117.0	113.8	111.0	108.2	107.9
45°	99.8	99.3	100.5	101.8	106.8	111.7	108.6	105.3	103.7	102.1	102.1
47.5°	94.2	93.9	94.8	95.5	98.6	101.6	100.0	98.4	97.6	96.7	96.9
50°	89.2	88.8	89.7	90.4	91.6	92.7	93.0	93.2	92.7	92.1	92.5
52.5°	84.4	84.4	84.8	85.0	86.5	88.1	88.1	87.9	87.9	87.9	88.3
55°	80.4	80.8	80.8	80.8	83.2	85.5	84.8	84.1	84.3	84.3	84.6
57.5°	76.4	76.9	77.3	77.6	80.1	82.5	81.8	81.1	81.1	81.1	81.3
60°	71.9	72.6	73.3	74.0	76.4	78.9	78.2	77.3	77.5	77.6	77.8
62.5°	67.5	68.2	68.9	69.6	72.0	74.5	73.8	72.9	73.4	73.8	73.8
65°	63.3	63.8	64.5	65.2	67.5	69.8	69.1	68.4	69.1	69.6	69.9
67.5°	58.6	58.9	59.6	60.3	62.6	64.9	64.2	63.3	64.2	64.9	65.6
70°	53.2	53.5	54.4	55.1	57.3	59.6	58.7	57.9	58.7	59.6	60.3
72.5°	47.2	47.6	48.4	49.1	51.8	54.4	53.3	52.3	53.3	54.4	54.7
75°	40.7	41.1	42.1	43.0	45.6	48.3	47.4	46.3	47.2	48.1	48.3
77.5°	33.7	34.3	35.7	37.1	39.2	41.3	40.7	40.2	40.7	41.3	41.3
80°	26.4	26.9	28.7	30.2	31.5	32.7	32.9	33.0	33.2	33.4	33.2
82.5°	19.6	20.3	21.9	23.4	23.4	23.4	24.8	26.1	26.1	25.9	25.7
85°	12.1	12.9	14.3	15.7	14.9	14.0	16.3	18.4	18.4	18.2	17.8
87.5°	2.4	3.3	4.7	5.9	5.1	4.2	6.5	8.7	8.9	8.9	8.6
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: P385497  
 CATALOG NUMBER: GWC-SA1A-740-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: P385497  
 CATALOG NUMBER: GWC-SA1A-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3
2.5°	1117.4	1131.0	1144.5	1148.0	1153.2	1155.5	1157.6	1174.7	1191.7	1211.6	1231.6
5°	895.0	905.1	915.3	916.8	922.3	925.1	927.9	948.7	969.3	997.1	1024.9
7.5°	674.5	677.0	679.4	679.1	683.6	689.7	695.7	717.9	739.9	769.8	799.5
10°	510.9	516.5	521.9	527.0	536.9	548.5	559.8	582.6	605.3	634.8	664.2
12.5°	404.7	411.2	417.5	423.1	434.6	450.0	465.2	492.5	519.8	555.1	590.3
15°	330.4	329.9	329.4	333.2	343.4	360.2	376.8	405.6	434.5	473.3	511.9
17.5°	260.7	258.1	255.4	258.4	267.9	281.7	295.3	319.8	344.1	381.7	419.3
20°	210.9	209.1	207.4	210.2	216.1	221.9	227.6	245.3	262.8	293.4	323.8
22.5°	185.5	185.3	185.0	186.6	189.3	192.3	195.1	203.7	212.1	231.8	251.4
25°	170.6	170.5	170.3	171.0	173.3	175.5	177.8	183.4	189.0	198.4	207.9
27.5°	158.8	158.4	158.1	158.2	158.8	162.2	165.6	168.2	170.6	177.1	183.4
30°	149.1	149.0	148.8	148.8	148.3	149.5	150.7	154.7	158.6	165.2	171.9
32.5°	140.9	140.0	139.2	137.2	136.0	137.8	139.5	143.7	147.9	154.0	160.2
35°	130.6	128.3	125.9	124.8	125.0	126.8	128.5	132.7	136.7	143.4	149.8
37.5°	119.4	118.7	117.8	117.7	118.2	119.9	121.7	125.4	128.9	135.5	142.0
40°	113.1	112.8	112.4	112.1	112.4	114.2	115.9	119.4	122.7	129.2	135.5
42.5°	107.5	107.4	107.2	107.2	107.4	109.3	111.2	114.7	118.0	123.8	129.6
45°	102.1	102.3	102.3	102.6	103.2	105.1	106.8	110.7	114.5	120.1	125.7
47.5°	97.0	97.6	97.9	98.8	99.3	101.4	103.3	107.5	111.7	118.7	125.5
50°	92.7	93.2	93.5	94.2	95.6	98.1	100.5	105.6	110.5	122.2	133.8
52.5°	88.6	89.2	89.7	90.4	92.1	94.9	97.7	104.0	110.1	123.8	137.4
55°	85.0	85.5	85.8	86.9	88.6	91.1	93.4	101.1	108.7	118.7	128.7
57.5°	81.5	82.0	82.3	83.0	83.9	86.5	89.0	97.2	105.4	112.4	119.2
60°	77.8	78.2	78.3	78.3	79.0	82.0	85.0	95.5	105.8	104.6	103.2
62.5°	73.8	74.1	74.3	73.8	74.7	77.8	80.9	94.6	108.2	99.8	91.4
65°	70.1	69.9	69.8	69.2	70.3	73.4	76.4	83.2	90.0	86.7	83.4
67.5°	66.1	65.6	65.0	64.3	65.4	68.2	70.8	73.1	75.4	75.7	76.1
70°	61.0	60.3	59.6	59.4	60.0	62.2	64.5	66.1	67.5	68.2	68.7
72.5°	55.1	54.5	54.0	53.7	53.9	55.8	57.5	58.9	60.3	60.8	61.2
75°	48.4	48.4	48.3	47.2	47.2	48.8	50.2	51.4	52.6	53.3	54.0
77.5°	41.3	41.4	41.4	40.0	39.9	41.4	42.8	43.9	44.8	45.5	46.0
80°	33.0	32.7	32.3	31.5	31.1	33.0	34.8	35.7	36.4	36.5	36.5
82.5°	25.4	24.7	23.8	21.9	22.0	24.1	26.1	26.8	27.4	27.4	27.4
85°	17.3	15.9	14.3	12.8	12.9	15.2	17.3	18.0	18.7	19.1	19.2
87.5°	8.2	6.8	5.2	4.0	4.0	5.9	7.7	8.0	8.4	9.1	9.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385497

CATALOG NUMBER: GWC-SA1A-740-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: P385497  
 CATALOG NUMBER: GWC-SA1A-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3
2.5°	1246.8	1261.8	1277.4	1292.9	1310.8	1328.6	1349.4	1370.0	1387.7	1405.3	1420.0
5°	1048.9	1072.8	1101.0	1129.1	1164.9	1200.8	1244.7	1288.4	1327.4	1366.4	1411.6
7.5°	830.8	862.0	898.7	935.4	981.7	1028.0	1084.9	1141.7	1196.8	1251.7	1321.2
10°	696.9	729.6	765.8	801.8	849.0	896.0	956.2	1016.2	1078.1	1139.8	1218.4
12.5°	626.6	662.8	694.6	726.5	764.7	802.9	861.1	919.3	992.0	1064.6	1140.3
15°	551.6	591.1	629.2	667.4	709.1	750.8	807.4	864.0	943.6	1023.2	1110.2
17.5°	460.9	502.5	549.0	595.3	649.9	704.2	776.8	849.4	943.6	1037.7	1140.3
20°	366.3	408.8	464.4	520.0	587.8	655.5	749.5	843.6	970.5	1097.3	1228.2
22.5°	289.0	326.4	387.1	447.6	525.9	604.2	724.9	845.3	1011.3	1177.0	1353.8
25°	234.3	260.7	320.3	379.7	470.1	560.5	709.8	859.0	1070.5	1281.9	1501.2
27.5°	200.7	218.0	273.6	329.0	427.8	526.4	703.7	880.8	1145.7	1410.6	1661.5
30°	183.9	196.0	243.0	289.9	390.2	490.6	696.4	902.2	1218.1	1533.9	1786.8
32.5°	169.9	179.6	219.8	259.8	357.7	455.6	682.2	908.6	1268.6	1628.6	1893.0
35°	158.1	166.1	201.1	236.0	332.2	428.4	658.4	888.5	1300.3	1712.0	2003.5
37.5°	148.4	154.7	187.1	219.4	310.2	400.9	631.3	861.8	1328.4	1795.1	2127.8
40°	140.9	146.3	176.6	206.8	289.2	371.5	608.1	844.5	1367.2	1890.0	2259.1
42.5°	136.7	143.7	167.5	191.1	269.3	347.4	589.4	831.4	1403.2	1975.0	2373.9
45°	135.7	145.6	162.8	179.9	254.4	328.9	572.8	816.5	1426.5	2036.5	2460.5
47.5°	133.9	142.1	159.1	176.1	247.0	317.9	563.9	809.7	1449.8	2089.7	2532.4
50°	135.0	136.0	156.1	176.1	246.0	315.9	574.0	832.1	1500.1	2168.0	2614.5
52.5°	133.1	128.5	150.5	172.6	245.8	319.1	603.2	887.3	1593.6	2299.8	2703.5
55°	122.9	117.0	140.0	163.1	242.2	321.0	638.0	954.8	1719.2	2483.4	2863.5
57.5°	114.0	108.6	128.2	147.6	231.0	314.4	673.8	1033.1	1851.9	2670.5	3043.8
60°	102.1	100.9	114.9	128.9	213.7	298.3	703.4	1108.3	1941.1	2773.6	3113.2
62.5°	92.3	93.0	103.3	113.6	192.0	270.1	713.2	1156.0	1938.6	2721.2	3043.2
65°	84.8	86.0	96.2	106.3	173.4	240.6	681.0	1121.2	1840.5	2559.6	2904.9
67.5°	77.5	78.9	90.9	102.8	157.0	211.0	600.6	989.9	1664.1	2338.1	2729.0
70°	70.5	72.2	85.3	98.4	145.1	191.6	496.9	802.2	1443.3	2084.2	2525.4
72.5°	62.9	64.7	78.7	92.7	137.6	182.4	405.1	627.7	1171.2	1714.6	2160.1
75°	55.2	56.5	71.7	86.7	127.3	167.8	317.9	467.7	896.4	1325.1	1631.6
77.5°	47.6	49.1	61.9	74.5	108.0	141.4	239.5	337.6	657.7	977.7	1134.7
80°	37.9	39.3	48.4	57.3	83.4	109.3	164.7	220.1	452.7	685.2	773.7
82.5°	29.0	30.6	36.7	42.7	59.4	76.2	99.8	123.4	300.7	477.8	485.2
85°	19.9	20.5	24.8	29.0	36.7	44.4	57.2	69.9	199.0	328.0	273.3
87.5°	10.0	10.0	12.9	15.9	19.8	23.6	30.2	36.7	63.6	90.6	52.1
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: P385497  
 CATALOG NUMBER: GWC-SA1A-740-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: P385497

CATALOG NUMBER: GWC-SA1A-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3
2.5°	1438.7	1451.5	1464.4	1474.2	1484.2	1498.5	1512.9	1515.5	1518.3	1512.7	1507.1
5°	1457.3	1495.9	1534.7	1570.6	1606.4	1627.9	1649.4	1653.8	1658.2	1644.7	1631.1
7.5°	1388.6	1455.9	1523.2	1584.9	1646.6	1684.0	1721.6	1730.0	1738.6	1716.6	1694.5
10°	1296.8	1379.5	1462.2	1543.5	1624.8	1679.1	1733.5	1744.4	1755.2	1727.7	1700.3
12.5°	1225.8	1314.1	1402.4	1488.0	1573.9	1630.2	1686.5	1699.9	1713.4	1693.5	1673.4
15°	1203.9	1287.0	1370.0	1444.7	1519.5	1565.5	1611.7	1617.1	1622.7	1619.5	1616.4
17.5°	1243.6	1318.6	1393.8	1434.4	1475.1	1493.5	1512.0	1517.9	1524.1	1531.9	1540.0
20°	1339.8	1392.6	1445.6	1443.8	1441.9	1433.0	1423.9	1422.3	1420.7	1443.3	1466.0
22.5°	1483.3	1504.3	1525.5	1476.3	1427.2	1397.3	1367.2	1361.3	1355.2	1379.1	1403.2
25°	1639.1	1635.3	1631.2	1537.7	1444.0	1387.0	1330.0	1323.3	1316.7	1337.2	1357.8
27.5°	1793.3	1768.1	1743.0	1615.9	1488.7	1406.0	1323.3	1316.7	1310.1	1328.2	1346.4
30°	1906.4	1866.0	1825.7	1681.8	1537.9	1439.6	1341.4	1330.5	1319.5	1341.9	1364.3
32.5°	1994.7	1940.5	1886.3	1735.3	1584.2	1477.9	1371.6	1354.6	1337.7	1367.6	1397.5
35°	2082.8	2006.6	1930.2	1783.0	1635.6	1523.2	1410.6	1389.8	1369.0	1410.1	1451.2
37.5°	2193.7	2084.2	1974.6	1836.7	1698.7	1591.0	1483.1	1461.8	1440.5	1492.8	1545.2
40°	2314.0	2168.0	2022.0	1895.4	1768.8	1684.9	1600.8	1580.5	1560.1	1623.7	1687.4
42.5°	2414.0	2246.0	2077.9	1966.2	1854.3	1795.2	1736.0	1735.8	1735.4	1800.0	1864.5
45°	2495.3	2311.0	2126.6	2035.3	1943.8	1913.1	1882.3	1907.0	1931.6	1989.8	2048.2
47.5°	2556.0	2365.6	2175.0	2114.3	2053.6	2058.2	2062.7	2112.9	2163.1	2200.5	2238.1
50°	2595.5	2415.0	2234.4	2215.7	2197.0	2237.8	2278.7	2336.2	2393.9	2419.4	2444.9
52.5°	2653.0	2482.2	2311.2	2332.2	2353.1	2436.4	2519.6	2577.8	2636.0	2645.5	2655.1
55°	2786.0	2605.6	2425.0	2465.2	2505.6	2627.6	2749.9	2795.3	2840.8	2844.3	2847.8
57.5°	2975.0	2778.5	2582.0	2625.4	2668.7	2809.6	2950.7	2999.7	3048.8	3042.0	3035.0
60°	3116.5	2942.7	2768.7	2812.4	2856.2	2993.6	3131.0	3187.3	3243.8	3228.7	3213.7
62.5°	3125.2	3032.4	2939.4	2978.9	3018.6	3153.2	3287.8	3345.7	3403.6	3377.3	3351.1
65°	2986.2	3027.8	3069.5	3082.6	3095.7	3221.2	3346.9	3391.2	3435.6	3422.3	3409.0
67.5°	2794.8	2948.1	3101.6	3075.2	3048.8	3107.7	3166.7	3212.3	3257.9	3250.4	3242.7
70°	2603.7	2808.4	3013.2	2883.4	2753.5	2729.2	2704.9	2754.0	2803.4	2772.9	2742.3
72.5°	2278.3	2496.5	2714.9	2475.9	2236.9	2153.8	2070.8	2133.2	2195.6	2147.2	2098.6
75°	1788.4	2029.5	2270.8	1985.6	1700.5	1589.6	1478.8	1532.5	1586.1	1552.9	1519.5
77.5°	1331.4	1569.0	1806.6	1516.7	1226.7	1144.3	1061.8	1077.7	1093.8	1088.2	1082.4
80°	903.0	1068.6	1234.4	1041.3	848.3	854.6	861.1	853.6	845.9	857.1	868.2
82.5°	576.3	704.1	832.1	729.6	627.1	685.9	744.6	715.8	686.8	697.4	708.3
85°	328.9	453.9	579.1	539.7	500.2	534.5	568.9	524.2	479.4	499.0	518.7
87.5°	86.7	251.1	415.6	377.3	339.0	294.6	250.2	190.9	131.7	192.3	253.0
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: P385497  
 CATALOG NUMBER: GWC-SA1A-740-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: P385497

CATALOG NUMBER: GWC-SA1A-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3	1332.3
2.5°	1504.1	1501.2	1490.5	1479.7	1463.6	1450.3	1427.2
5°	1612.2	1593.3	1560.8	1528.1	1491.7	1449.9	1403.6
7.5°	1650.5	1606.2	1543.8	1481.2	1424.9	1358.8	1297.3
10°	1634.2	1567.9	1486.8	1405.5	1337.2	1261.1	1192.7
12.5°	1603.1	1532.6	1443.3	1353.8	1276.0	1194.3	1117.7
15°	1560.3	1504.0	1420.2	1336.5	1258.1	1178.8	1088.0
17.5°	1513.4	1486.6	1426.2	1365.5	1297.6	1220.7	1114.2
20°	1475.6	1485.4	1461.3	1437.2	1382.8	1315.7	1196.1
22.5°	1450.1	1497.1	1515.7	1534.4	1501.7	1449.2	1310.9
25°	1435.8	1513.7	1575.8	1638.1	1623.5	1583.2	1450.5
27.5°	1442.1	1537.7	1634.0	1730.5	1744.0	1732.8	1597.5
30°	1460.9	1557.8	1675.1	1792.6	1846.3	1861.3	1720.1
32.5°	1492.4	1587.4	1715.2	1843.1	1924.3	1972.2	1832.1
35°	1540.0	1628.8	1762.0	1895.2	2000.1	2087.6	1947.9
37.5°	1621.6	1698.0	1820.9	1944.0	2080.0	2211.3	2075.3
40°	1741.2	1795.2	1899.1	2003.1	2174.3	2351.6	2217.5
42.5°	1892.1	1919.9	2002.2	2084.6	2272.7	2478.9	2356.5
45°	2055.6	2062.9	2114.7	2166.6	2350.7	2565.6	2460.8
47.5°	2212.9	2187.7	2208.4	2229.0	2410.5	2627.5	2540.0
50°	2374.8	2304.7	2293.9	2283.0	2470.3	2700.4	2640.8
52.5°	2539.5	2424.0	2381.1	2338.1	2541.6	2797.1	2766.1
55°	2700.7	2553.7	2496.0	2438.3	2650.7	2915.1	2950.2
57.5°	2868.4	2701.8	2648.3	2594.8	2811.0	3064.6	3115.4
60°	3048.8	2883.8	2840.9	2797.9	3010.4	3226.1	3189.0
62.5°	3220.0	3088.9	3066.3	3043.6	3211.9	3350.2	3160.4
65°	3334.3	3259.5	3280.5	3301.6	3364.4	3381.2	3076.4
67.5°	3257.9	3273.1	3361.8	3450.6	3407.4	3289.2	2911.1
70°	2833.4	2924.7	3134.7	3344.8	3249.0	3042.9	2614.2
72.5°	2201.0	2303.7	2615.4	2927.3	2839.0	2586.6	2147.2
75°	1635.3	1751.2	2095.3	2439.3	2316.8	1934.8	1537.3
77.5°	1160.0	1237.7	1577.4	1917.3	1717.4	1287.9	1034.5
80°	844.5	820.7	1010.0	1199.4	1166.2	851.8	664.4
82.5°	650.2	592.2	681.3	770.5	765.6	591.1	487.4
85°	495.5	472.2	551.1	629.9	562.5	400.4	309.8
87.5°	288.8	324.8	417.7	510.7	383.2	121.5	60.1
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: P385497  
 CATALOG NUMBER: GWC-SA1A-740-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  
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1121 Highway 74 South  
Peachtree City, GA 30269

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

Scaled Data Report





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

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Peachtree City, GA 30269

Scaled Data Report







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

Scaled Data Report





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

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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

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(END OF REPORT)