

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: P386449

Luminaire Tested: **GWC-SA2A-760-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P386449
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GWC-SA2A-760-U-SLR
Description: GALLEON WALL LUMINAIRE
(2) 70 CRI, 5700K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8547 lumens
Efficiency: N/A
Efficacy: 129.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G3

Input Watts (W): 66
Input Voltage (V): NR
Input Current (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

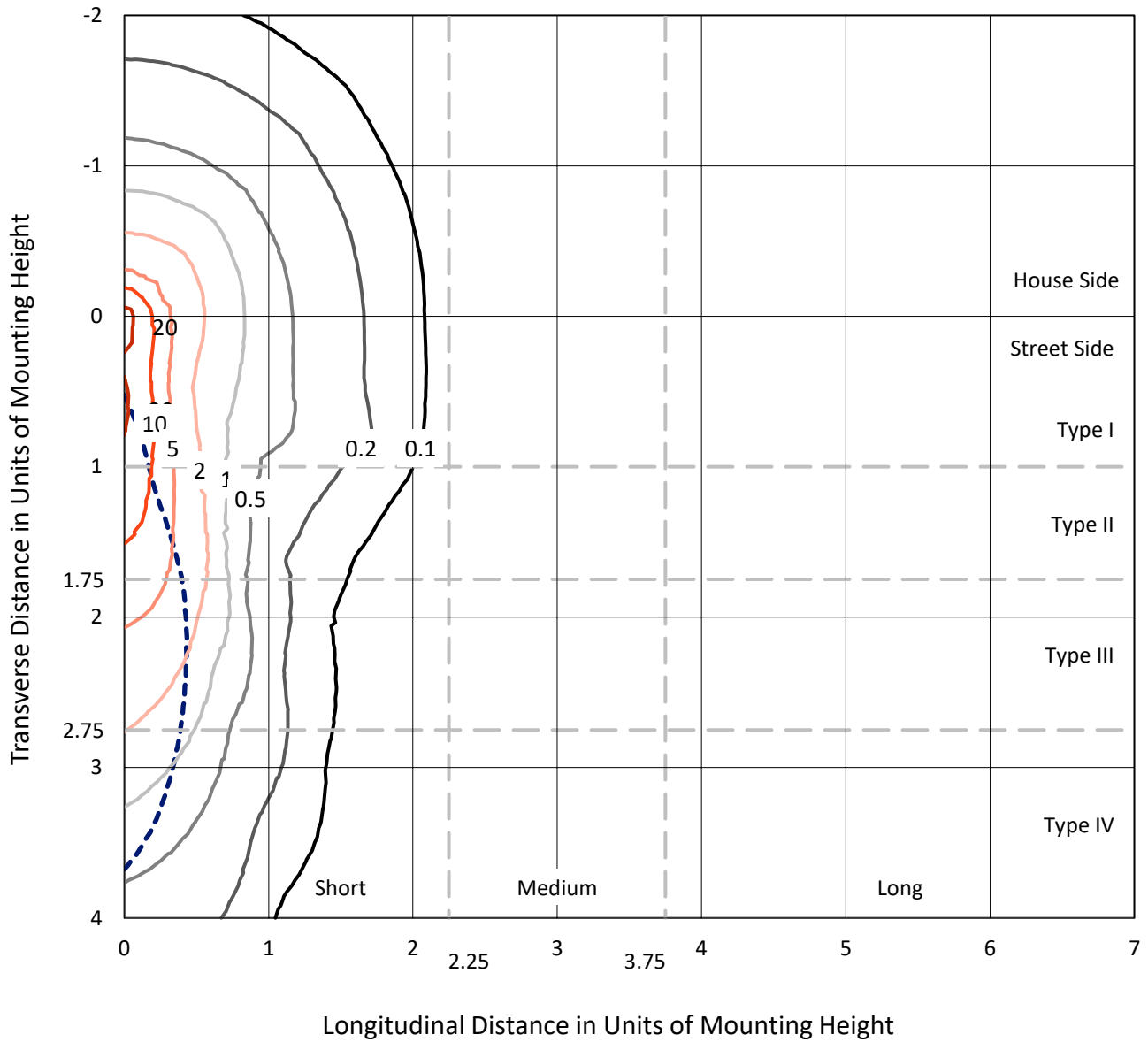




REPORT NUMBER: P386449
 CATALOG NUMBER: GWC-SA2A-760-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

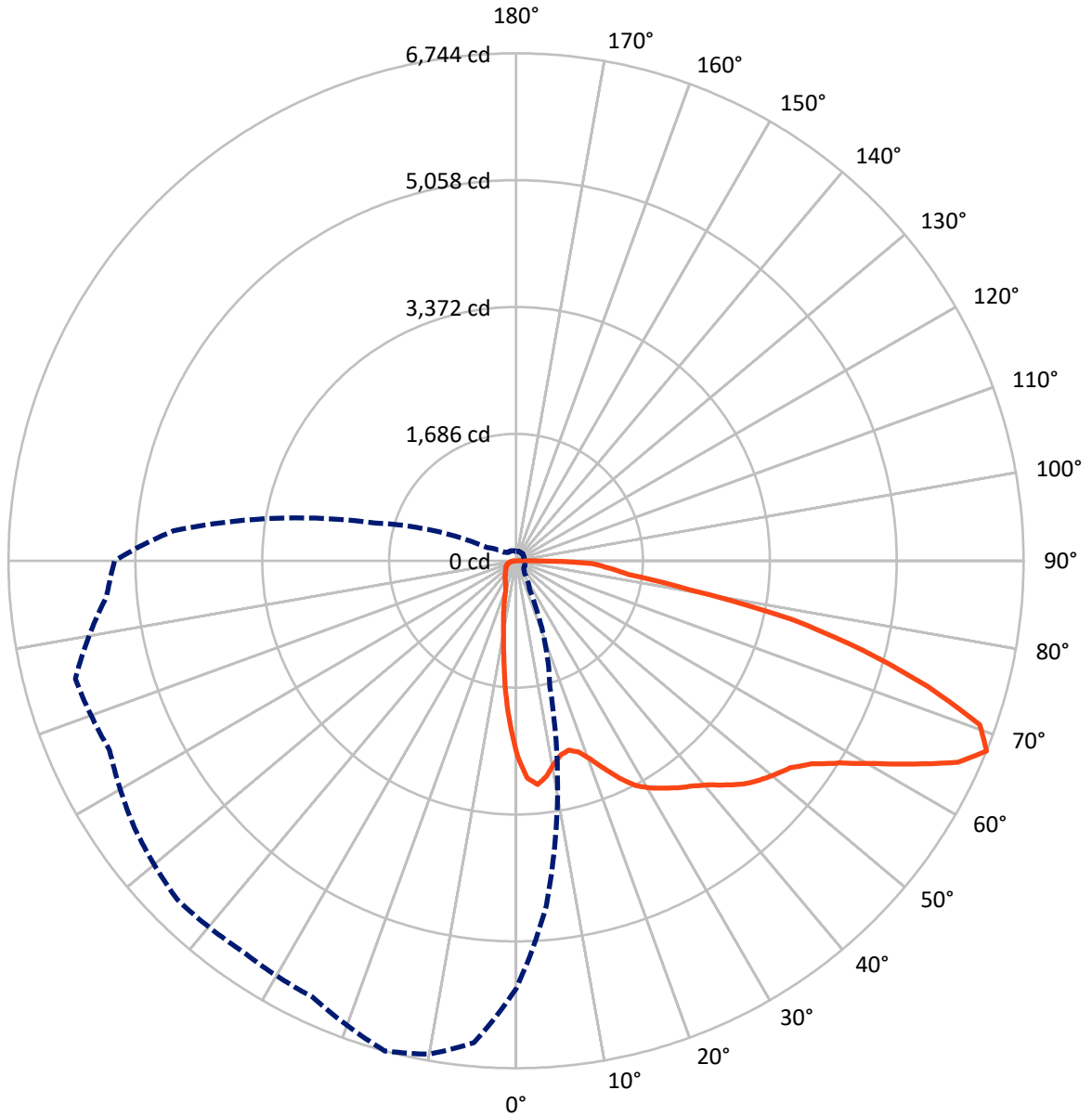
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 26 fc
 Type IV - Medium - N/A

REPORT NUMBER: P386449
CATALOG NUMBER: GWC-SA2A-760-U-SLR

Luminous Intensity Polar Plot



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

REPORT NUMBER: P386449

CATALOG NUMBER: GWC-SA2A-760-U-SLR

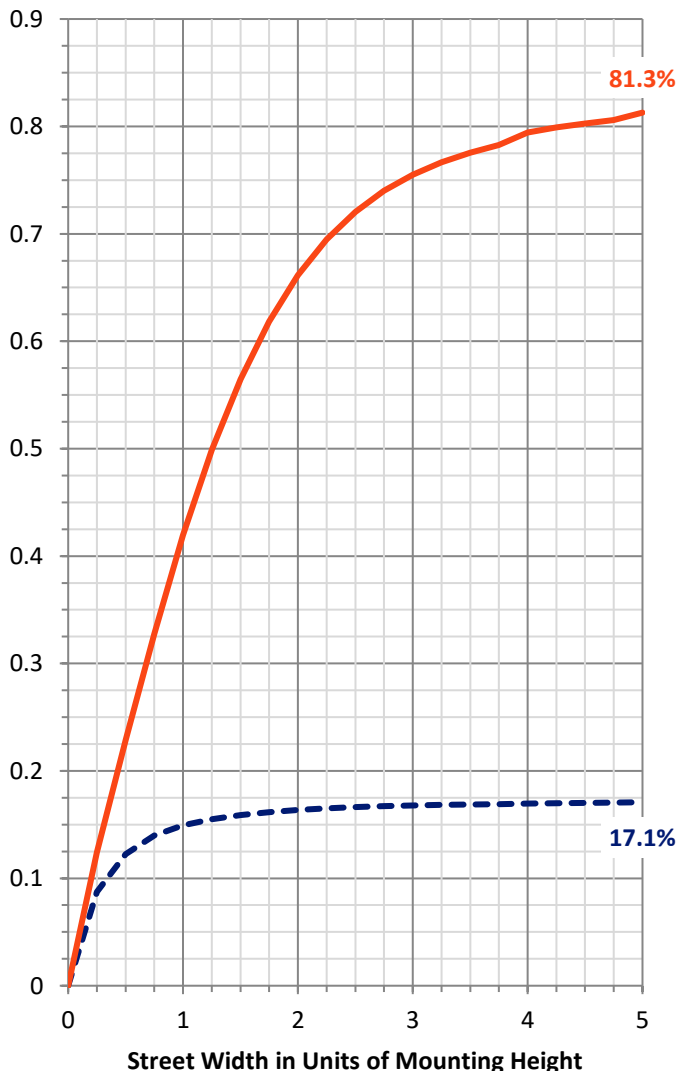
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1477.6	0.0	1477.6
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	7069.4	0.0	7069.4
	% Fixture	82.7	0.0	82.7
Total	Lumens	8547.0	0.0	8547.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.0	2.4
10°-20°	417.5	4.9
20°-30°	593.7	6.9
30°-40°	855.6	10.0
40°-50°	1205.8	14.1
50°-60°	1676.2	19.6
60°-70°	2027.0	23.7
70°-80°	1246.0	14.6
80°-90°	324.2	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	8547.0	100.0
0°-180°	8547.0	100.0

Coefficient of Utilization



REPORT NUMBER: P386449

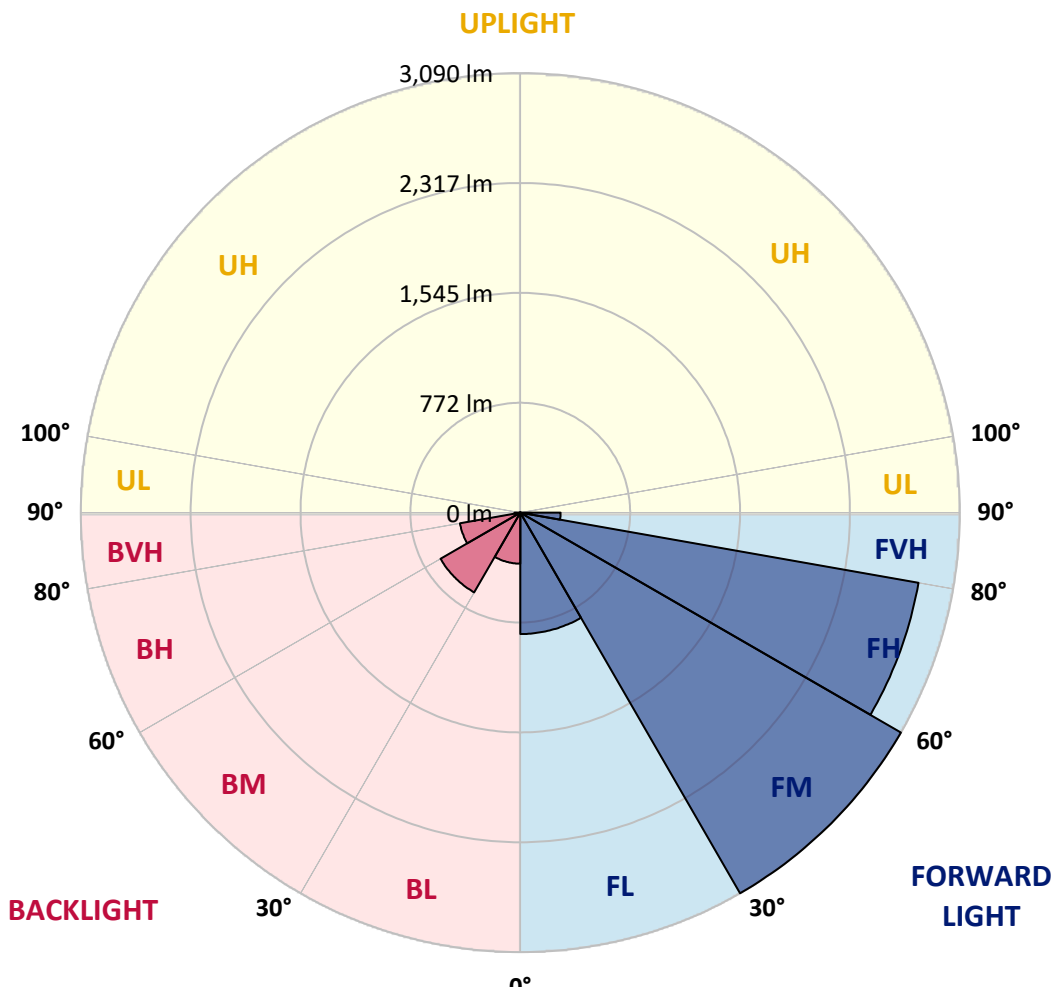
CATALOG NUMBER: GWC-SA2A-760-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	853.4	10.0			
FM (30°-60°)	3090.0	36.2			
FH (60°-80°)	2842.4	33.3			G2/5000
FVH (80°-90°)	283.6	3.3			G3/500
BL (0°-30°)	358.7	4.2	B1/500		
BM (30°-60°)	647.6	7.6	B1/1000		
BH (60°-80°)	430.6	5.0	B1/500		G1/500
BVH (80°-90°)	40.6	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





REPORT NUMBER: P386449

CATALOG NUMBER: GWC-SA2A-760-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9
2.5°	2789.5	2764.9	2727.6	2690.4	2662.7	2634.7	2602.9	2571.1	2534.9	2498.3	2476.8
5°	2743.3	2675.0	2586.1	2497.3	2438.5	2379.7	2313.1	2246.5	2180.5	2114.6	2079.0
7.5°	2535.6	2433.0	2317.5	2202.0	2116.6	2030.8	1938.6	1846.0	1764.0	1681.6	1630.7
10°	2331.2	2208.2	2075.6	1942.7	1833.3	1724.0	1631.4	1538.4	1476.6	1414.7	1367.9
12.5°	2184.6	2048.3	1902.4	1756.1	1646.7	1537.4	1478.6	1419.8	1368.6	1317.3	1263.3
15°	2126.5	1972.4	1823.1	1673.4	1574.0	1474.5	1409.3	1343.6	1275.0	1205.9	1139.6
17.5°	2177.8	1997.4	1835.0	1672.7	1542.5	1412.3	1321.1	1229.5	1139.0	1048.4	971.5
20°	2337.7	2107.4	1895.2	1682.6	1509.4	1336.1	1213.8	1091.1	974.9	858.7	771.6
22.5°	2562.2	2257.4	1980.3	1703.1	1479.3	1255.1	1101.7	947.9	810.6	673.2	587.8
25°	2834.9	2456.3	2102.9	1749.3	1467.0	1184.4	995.8	807.1	662.3	517.0	456.2
27.5°	3122.3	2693.4	2255.3	1816.9	1469.1	1121.2	906.6	691.6	561.1	430.6	388.9
30°	3361.8	2964.4	2433.0	1901.3	1476.9	1052.5	822.5	592.5	484.9	377.3	350.3
32.5°	3580.9	3153.4	2567.0	1980.3	1485.8	991.0	757.6	523.9	436.0	347.9	325.7
35°	3807.1	3321.2	2660.6	1999.7	1470.4	940.8	713.2	485.6	404.6	323.3	304.5
37.5°	4056.2	3502.6	2750.8	1998.7	1444.4	890.2	678.7	466.8	384.1	301.1	287.4
40°	4334.0	3703.2	2848.6	1993.9	1420.9	847.5	653.0	458.2	372.8	287.0	275.4
42.5°	4605.7	3894.6	2939.5	1984.4	1401.7	818.8	627.7	436.7	362.6	288.1	271.7
45°	4809.7	4061.7	3018.4	1974.8	1387.4	800.0	607.9	415.9	353.0	290.1	269.3
47.5°	4964.5	4229.5	3105.9	1982.0	1386.0	790.1	593.9	397.8	334.9	271.7	263.1
50°	5161.3	4431.1	3233.4	2035.6	1404.8	774.0	577.5	380.7	317.5	254.2	265.9
52.5°	5406.3	4718.8	3430.9	2142.6	1444.1	745.6	551.5	357.4	296.3	234.8	252.9
55°	5766.2	5087.5	3683.4	2278.9	1491.6	703.9	512.2	320.2	268.2	216.0	232.0
57.5°	6089.1	5460.0	3925.7	2391.0	1521.3	651.3	462.7	274.1	236.8	199.6	208.8
60°	6233.0	5652.0	4039.1	2425.9	1503.6	581.3	407.0	232.4	209.1	185.9	184.2
62.5°	6176.9	5530.0	3927.4	2324.7	1416.8	508.8	357.8	206.7	189.3	171.5	167.8
65°	6012.9	5146.6	3614.4	2082.1	1270.2	458.2	326.7	195.1	175.6	156.2	152.1
67.5°	5689.6	4600.9	3170.8	1740.7	1083.9	427.1	308.9	190.7	167.1	143.2	138.4
70°	5109.4	3944.1	2659.9	1375.4	891.9	408.0	297.3	186.6	157.9	128.8	124.4
72.5°	4196.7	3162.3	2124.1	1085.6	745.6	405.6	295.9	186.2	150.4	114.5	110.4
75°	3004.7	2401.9	1621.5	840.6	610.7	380.7	280.9	181.1	140.1	98.8	95.0
77.5°	2022.0	1662.5	1127.0	591.2	453.1	315.1	236.1	157.2	119.9	82.7	78.9
80°	1298.5	1150.6	755.2	359.8	293.9	227.9	168.8	109.7	87.5	64.9	61.9
82.5°	952.7	856.3	524.9	193.4	163.3	132.9	103.2	73.5	59.8	46.1	44.8
85°	605.5	667.7	386.5	105.2	86.1	67.0	55.4	43.7	34.5	25.3	25.3
87.5°	117.6	162.7	107.0	50.9	37.2	23.6	20.2	16.4	9.2	1.7	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



REPORT NUMBER: P386449

CATALOG NUMBER: GWC-SA2A-760-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: P386449
 CATALOG NUMBER: GWC-SA2A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9
2.5°	2454.9	2431.3	2407.8	2381.1	2354.1	2329.2	2303.9	2276.2	2281.3	2260.1	2238.9
5°	2043.5	2005.9	1968.0	1935.2	1902.4	1874.0	1845.3	1819.7	1841.9	1826.8	1811.8
7.5°	1579.4	1533.0	1486.1	1446.8	1407.5	1377.1	1346.4	1325.2	1347.1	1344.3	1341.6
10°	1321.1	1276.0	1230.5	1187.1	1143.7	1106.8	1069.6	1038.1	1032.7	1017.0	1000.9
12.5°	1209.0	1147.2	1085.0	1039.5	994.1	950.0	905.9	869.0	852.2	826.3	800.0
15°	1073.3	1000.2	927.1	875.5	823.5	780.8	737.8	706.0	695.4	675.2	655.1
17.5°	894.6	814.7	734.7	682.4	629.8	595.6	561.1	539.9	539.9	534.1	528.3
20°	684.5	613.0	541.6	501.6	461.7	443.6	425.1	416.2	418.9	419.3	419.3
22.5°	502.0	458.2	414.5	398.4	382.0	375.5	369.1	365.3	366.7	367.0	367.3
25°	395.4	378.6	361.5	353.3	344.8	340.7	336.6	335.2	338.3	338.6	338.6
27.5°	347.2	336.9	326.3	321.2	315.7	314.0	312.3	309.9	313.0	313.0	312.7
30°	322.9	312.0	301.1	294.6	288.1	288.8	289.1	288.4	290.5	291.8	292.9
32.5°	303.1	292.5	281.9	275.4	268.6	267.6	266.5	265.9	270.3	272.7	275.1
35°	285.3	273.7	262.1	255.9	249.8	247.4	245.0	243.3	247.4	250.5	253.6
37.5°	273.4	261.4	249.1	243.3	237.2	234.1	231.0	229.0	230.7	232.0	233.4
40°	263.8	251.5	238.9	232.0	225.2	222.1	219.0	217.3	218.4	218.7	219.0
42.5°	254.9	243.0	231.0	223.5	215.6	211.9	208.1	206.1	206.7	207.4	207.8
45°	248.4	236.5	224.2	215.3	206.1	202.0	197.9	195.5	195.8	195.8	195.8
47.5°	254.6	237.2	219.4	209.1	198.5	193.8	189.0	186.6	185.9	185.2	184.5
50°	277.1	247.4	217.3	204.3	191.0	185.9	180.4	177.7	176.0	175.3	174.6
52.5°	270.6	245.0	219.0	202.3	185.2	179.1	172.9	168.5	166.8	165.7	164.7
55°	247.7	231.7	215.3	195.1	175.0	169.5	163.7	160.6	157.5	156.8	156.2
57.5°	217.7	211.2	204.7	184.2	163.7	158.6	153.1	151.0	148.3	148.3	148.0
60°	182.1	191.7	201.3	177.7	153.8	148.0	142.2	140.4	139.4	139.1	138.7
62.5°	163.7	179.4	194.8	169.8	144.5	138.4	132.2	130.2	129.9	130.2	130.2
65°	148.0	152.7	157.5	145.9	134.3	128.1	121.7	119.6	120.3	121.3	122.3
67.5°	133.6	132.6	131.6	127.5	123.0	117.9	112.4	110.4	110.7	112.1	113.5
70°	119.9	118.6	116.9	113.8	110.7	106.3	101.8	100.5	100.1	101.8	103.2
72.5°	106.3	104.6	102.5	100.1	97.4	93.6	89.9	88.8	89.2	90.2	91.2
75°	91.2	89.9	88.2	86.1	83.7	80.3	76.9	76.2	76.9	77.9	78.9
77.5°	74.8	74.5	73.8	72.1	70.4	66.6	62.5	62.2	63.2	64.2	64.9
80°	58.4	58.8	59.1	57.8	56.4	52.3	47.8	47.5	48.5	49.5	50.6
82.5°	43.1	44.1	44.8	43.1	41.3	36.6	31.8	31.1	34.5	35.5	36.6
85°	24.9	26.3	27.7	26.3	24.9	20.2	15.4	15.0	18.1	19.8	21.5
87.5°	2.1	2.7	3.4	3.1	2.7	1.4	0.0	0.0	0.3	1.7	3.1
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: P386449
 CATALOG NUMBER: GWC-SA2A-760-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: P386449
 CATALOG NUMBER: GWC-SA2A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9
2.5°	2225.6	2212.3	2208.2	2204.1	2189.1	2173.7	2189.4	2204.8	2211.3	2217.8	2201.0
5°	1809.7	1807.4	1807.4	1807.0	1793.3	1779.3	1789.9	1800.2	1777.3	1754.4	1752.0
7.5°	1356.3	1371.0	1382.9	1394.6	1390.1	1385.7	1395.6	1405.5	1376.4	1347.1	1332.7
10°	1004.3	1007.4	1020.4	1033.4	1036.4	1039.2	1051.5	1063.4	1040.9	1018.3	1008.4
12.5°	783.6	767.2	768.9	770.2	776.4	782.2	795.2	807.8	798.6	789.0	790.1
15°	634.6	613.7	605.2	596.3	603.1	610.0	619.2	628.1	628.4	628.4	637.3
17.5°	518.0	507.5	498.9	490.0	499.3	508.1	509.2	510.2	510.5	510.9	510.2
20°	424.4	429.5	426.8	424.1	427.5	430.6	433.3	435.7	432.6	429.2	420.7
22.5°	372.1	376.6	380.0	383.1	388.9	394.3	391.6	388.5	382.4	375.9	369.4
25°	341.7	344.8	348.2	351.6	356.4	360.9	356.1	351.3	346.8	342.4	338.0
27.5°	316.1	319.2	322.2	325.0	329.4	333.5	329.1	324.6	320.9	317.1	313.7
30°	295.2	297.3	299.7	302.1	306.2	309.9	306.2	302.1	299.3	296.3	293.9
32.5°	277.5	279.5	280.6	281.6	285.3	289.1	286.4	283.6	281.2	278.8	277.1
35°	258.0	262.1	262.8	263.5	267.2	271.0	269.3	267.2	264.5	261.8	258.7
37.5°	238.2	243.0	245.7	248.1	251.8	255.6	253.9	252.2	248.4	244.7	239.2
40°	221.4	223.5	228.6	233.4	239.5	245.4	241.9	238.2	232.4	226.6	223.8
42.5°	207.4	207.1	211.9	216.7	225.9	234.8	228.6	222.5	217.0	211.5	210.8
45°	195.1	194.1	196.5	198.9	208.8	218.4	212.2	205.7	202.6	199.6	199.6
47.5°	184.2	183.5	185.2	186.6	192.7	198.5	195.5	192.4	190.7	189.0	189.3
50°	174.3	173.6	175.3	176.7	179.1	181.1	181.8	182.1	181.1	180.1	180.8
52.5°	165.1	165.1	165.7	166.1	169.2	172.2	172.2	171.9	171.9	171.9	172.6
55°	157.2	157.9	157.9	157.9	162.7	167.1	165.7	164.4	164.7	164.7	165.4
57.5°	149.3	150.4	151.0	151.7	156.5	161.3	159.9	158.6	158.6	158.6	158.9
60°	140.4	141.8	143.2	144.5	149.3	154.1	152.7	151.0	151.4	151.7	152.1
62.5°	131.9	133.3	134.6	136.0	140.8	145.6	144.2	142.5	143.5	144.2	144.2
65°	123.7	124.7	126.1	127.5	131.9	136.3	135.0	133.6	135.0	136.0	136.7
67.5°	114.5	115.2	116.5	117.9	122.3	126.8	125.4	123.7	125.4	126.8	128.1
70°	103.9	104.6	106.3	107.6	112.1	116.5	114.8	113.1	114.8	116.5	117.9
72.5°	92.3	92.9	94.7	96.0	101.1	106.3	104.2	102.2	104.2	106.3	107.0
75°	79.6	80.3	82.4	84.1	89.2	94.3	92.6	90.6	92.3	94.0	94.3
77.5°	66.0	67.0	69.7	72.4	76.5	80.6	79.6	78.6	79.6	80.6	80.6
80°	51.6	52.6	56.0	59.1	61.5	63.9	64.2	64.6	64.9	65.3	64.9
82.5°	38.3	39.6	42.7	45.8	45.8	45.8	48.5	50.9	50.9	50.6	50.2
85°	23.6	25.3	28.0	30.8	29.0	27.3	31.8	35.9	35.9	35.5	34.9
87.5°	4.8	6.5	9.2	11.6	9.9	8.2	12.6	17.1	17.4	17.4	16.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386449

CATALOG NUMBER: GWC-SA2A-760-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: P386449
 CATALOG NUMBER: GWC-SA2A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9
2.5°	2183.9	2210.6	2236.9	2243.7	2254.0	2258.4	2262.5	2296.0	2329.2	2368.1	2407.1
5°	1749.3	1769.1	1788.9	1792.0	1802.6	1808.0	1813.5	1854.2	1894.5	1948.8	2003.2
7.5°	1318.4	1323.1	1327.9	1327.2	1336.1	1348.1	1359.7	1403.1	1446.2	1504.6	1562.7
10°	998.5	1009.4	1020.0	1029.9	1049.4	1072.0	1094.2	1138.6	1183.0	1240.8	1298.2
12.5°	791.1	803.7	816.0	827.0	849.5	879.6	909.3	962.6	1015.9	1085.0	1153.6
15°	645.8	644.8	643.8	651.3	671.1	703.9	736.4	792.8	849.2	925.0	1000.6
17.5°	509.5	504.4	499.3	505.1	523.5	550.5	577.2	625.0	672.5	746.0	819.4
20°	412.1	408.7	405.3	410.7	422.4	433.6	444.9	479.4	513.6	573.4	632.9
22.5°	362.6	362.2	361.5	364.6	370.1	375.9	381.4	398.1	414.5	453.1	491.4
25°	333.5	333.2	332.8	334.2	338.6	343.1	347.5	358.5	369.4	387.9	406.3
27.5°	310.3	309.6	308.9	309.3	310.3	317.1	323.6	328.7	333.5	346.2	358.5
30°	291.5	291.1	290.8	290.8	289.8	292.2	294.6	302.4	309.9	322.9	335.9
32.5°	275.4	273.7	272.0	268.2	265.9	269.3	272.7	280.9	289.1	301.1	313.0
35°	255.3	250.8	246.0	244.0	244.3	247.7	251.2	259.4	267.2	280.2	292.9
37.5°	233.4	232.0	230.3	230.0	231.0	234.4	237.8	245.0	251.8	264.8	277.5
40°	221.1	220.4	219.7	219.0	219.7	223.1	226.6	233.4	239.9	252.5	264.8
42.5°	210.2	209.8	209.5	209.5	209.8	213.6	217.3	224.2	230.7	241.9	253.2
45°	199.6	199.9	199.9	200.6	201.6	205.4	208.8	216.3	223.8	234.8	245.7
47.5°	189.7	190.7	191.4	193.1	194.1	198.2	202.0	210.2	218.4	232.0	245.4
50°	181.1	182.1	182.8	184.2	186.9	191.7	196.5	206.4	216.0	238.9	261.4
52.5°	173.3	174.3	175.3	176.7	180.1	185.6	191.0	203.3	215.3	241.9	268.6
55°	166.1	167.1	167.8	169.8	173.3	178.0	182.5	197.5	212.5	232.0	251.5
57.5°	159.2	160.3	160.9	162.3	164.0	169.2	173.9	190.0	206.1	219.7	233.1
60°	152.1	152.7	153.1	153.1	154.5	160.3	166.1	186.6	206.7	204.3	201.6
62.5°	144.2	144.9	145.2	144.2	145.9	152.1	158.2	184.9	211.5	195.1	178.7
65°	137.0	136.7	136.3	135.3	137.4	143.5	149.3	162.7	176.0	169.5	163.0
67.5°	129.2	128.1	127.1	125.8	127.8	133.3	138.4	142.8	147.3	148.0	148.6
70°	119.3	117.9	116.5	116.2	117.2	121.7	126.1	129.2	131.9	133.3	134.3
72.5°	107.6	106.6	105.6	104.9	105.2	109.0	112.4	115.2	117.9	118.9	119.6
75°	94.7	94.7	94.3	92.3	92.3	95.3	98.1	100.5	102.9	104.2	105.6
77.5°	80.6	81.0	81.0	78.3	77.9	81.0	83.7	85.8	87.5	88.8	89.9
80°	64.6	63.9	63.2	61.5	60.8	64.6	68.0	69.7	71.1	71.4	71.4
82.5°	49.5	48.2	46.5	42.7	43.1	47.2	50.9	52.3	53.6	53.6	53.6
85°	33.8	31.1	28.0	24.9	25.3	29.7	33.8	35.2	36.6	37.2	37.6
87.5°	16.1	13.3	10.3	7.9	7.9	11.6	15.0	15.7	16.4	17.8	19.1
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: P386449

CATALOG NUMBER: GWC-SA2A-760-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: P386449

CATALOG NUMBER: GWC-SA2A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9
2.5°	2436.8	2466.2	2496.6	2527.0	2561.9	2596.7	2637.4	2677.7	2712.2	2746.7	2775.4
5°	2050.0	2096.8	2151.8	2206.8	2276.9	2346.9	2432.7	2518.1	2594.3	2670.5	2759.0
7.5°	1623.9	1684.7	1756.4	1828.2	1918.8	2009.3	2120.4	2231.4	2339.1	2446.4	2582.4
10°	1362.1	1426.0	1496.7	1567.1	1659.4	1751.3	1868.9	1986.1	2107.0	2227.7	2381.4
12.5°	1224.7	1295.5	1357.7	1419.8	1494.7	1569.2	1683.0	1796.8	1938.9	2080.7	2228.7
15°	1078.1	1155.4	1229.8	1304.3	1386.0	1467.3	1578.1	1688.8	1844.3	1999.7	2169.9
17.5°	900.8	982.1	1073.0	1163.6	1270.2	1376.4	1518.3	1660.1	1844.3	2028.1	2228.7
20°	715.9	798.9	907.6	1016.3	1148.9	1281.1	1465.0	1648.8	1896.9	2144.6	2400.6
22.5°	564.9	638.0	756.6	874.8	1027.9	1181.0	1416.8	1652.2	1976.5	2300.5	2645.9
25°	457.9	509.5	626.0	742.2	918.9	1095.6	1387.4	1678.9	2092.3	2505.5	2934.0
27.5°	392.3	426.1	534.8	643.1	836.2	1028.9	1375.4	1721.6	2239.3	2757.0	3247.4
30°	359.5	383.1	475.0	566.6	762.7	958.9	1361.1	1763.3	2380.8	2997.9	3492.4
32.5°	332.2	350.9	429.5	507.8	699.2	890.5	1333.4	1775.9	2479.5	3183.1	3699.8
35°	308.9	324.6	393.0	461.3	649.3	837.2	1286.9	1736.6	2541.4	3346.1	3915.8
37.5°	290.1	302.4	365.6	428.9	606.2	783.6	1233.9	1684.3	2596.4	3508.4	4158.7
40°	275.4	286.0	345.1	404.3	565.2	726.2	1188.5	1650.5	2672.2	3694.0	4415.4
42.5°	267.2	280.9	327.4	373.5	526.2	679.0	1151.9	1624.9	2742.6	3860.1	4639.9
45°	265.2	284.7	318.1	351.6	497.2	642.8	1119.5	1595.8	2788.1	3980.3	4809.0
47.5°	261.8	277.8	311.0	344.1	482.8	621.2	1102.0	1582.5	2833.5	4084.2	4949.5
50°	263.8	265.9	305.2	344.1	480.8	617.5	1121.9	1626.2	2932.0	4237.3	5110.1
52.5°	260.0	251.2	294.2	337.3	480.5	623.6	1178.9	1734.2	3114.8	4495.0	5284.0
55°	240.2	228.6	273.7	318.8	473.3	627.4	1246.9	1866.1	3360.1	4853.8	5596.7
57.5°	222.8	212.2	250.5	288.4	451.4	614.4	1317.0	2019.2	3619.5	5219.4	5949.0
60°	199.6	197.2	224.5	251.8	417.6	583.0	1374.7	2166.2	3793.8	5421.0	6084.7
62.5°	180.4	181.8	202.0	222.1	375.2	528.0	1393.9	2259.4	3789.0	5318.5	5948.0
65°	165.7	168.1	187.9	207.8	339.0	470.2	1331.0	2191.4	3597.3	5002.8	5677.7
67.5°	151.4	154.1	177.7	200.9	306.9	412.5	1173.8	1934.8	3252.5	4569.8	5333.9
70°	137.7	141.1	166.8	192.4	283.6	374.5	971.2	1567.8	2820.9	4073.6	4935.8
72.5°	123.0	126.4	153.8	181.1	268.9	356.4	791.8	1226.8	2289.2	3351.2	4221.9
75°	108.0	110.4	140.1	169.5	248.8	328.1	621.2	914.1	1752.0	2589.9	3188.9
77.5°	92.9	96.0	121.0	145.6	211.2	276.5	468.2	659.9	1285.5	1910.9	2217.8
80°	74.2	76.9	94.7	112.1	163.0	213.6	321.9	430.2	884.7	1339.2	1512.1
82.5°	56.7	59.8	71.8	83.4	116.2	149.0	195.1	241.3	587.8	933.9	948.3
85°	39.0	40.0	48.5	56.7	71.8	86.8	111.7	136.7	388.9	641.1	534.1
87.5°	19.5	19.5	25.3	31.1	38.6	46.1	59.1	71.8	124.4	177.0	101.8
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: P386449
 CATALOG NUMBER: GWC-SA2A-760-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: P386449

CATALOG NUMBER: GWC-SA2A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9
2.5°	2812.0	2837.0	2862.2	2881.4	2900.9	2928.9	2956.9	2962.0	2967.5	2956.6	2945.6
5°	2848.2	2923.8	2999.6	3069.7	3139.7	3181.8	3223.8	3232.3	3240.9	3214.6	3187.9
7.5°	2713.9	2845.5	2977.1	3097.7	3218.3	3291.4	3364.9	3381.3	3398.1	3355.0	3311.9
10°	2534.5	2696.2	2857.8	3016.7	3175.6	3281.9	3388.1	3409.3	3430.5	3376.9	3323.2
12.5°	2395.8	2568.4	2740.9	2908.4	3076.2	3186.2	3296.2	3322.5	3348.9	3309.9	3270.6
15°	2353.1	2515.4	2677.7	2823.6	2969.9	3059.8	3150.0	3160.6	3171.5	3165.3	3159.2
17.5°	2430.7	2577.2	2724.2	2803.5	2883.1	2919.0	2955.2	2966.8	2978.8	2994.1	3009.9
20°	2618.6	2721.8	2825.3	2821.9	2818.2	2800.7	2783.0	2779.9	2776.8	2820.9	2865.3
22.5°	2899.1	2940.2	2981.5	2885.5	2789.5	2731.0	2672.2	2660.6	2648.7	2695.5	2742.6
25°	3203.6	3196.1	3188.2	3005.4	2822.3	2710.9	2599.5	2586.5	2573.5	2613.5	2653.8
27.5°	3505.0	3455.8	3406.6	3158.2	2909.7	2748.1	2586.5	2573.5	2560.5	2596.0	2631.6
30°	3726.1	3647.2	3568.2	3287.0	3005.8	2813.7	2621.7	2600.5	2579.0	2622.7	2666.4
32.5°	3898.7	3792.7	3686.8	3391.6	3096.3	2888.6	2680.8	2647.6	2614.5	2672.9	2731.4
35°	4070.9	3921.9	3772.6	3484.9	3196.8	2977.1	2757.0	2716.3	2675.7	2756.0	2836.3
37.5°	4287.6	4073.6	3859.4	3589.8	3320.1	3109.6	2898.8	2857.1	2815.4	2917.6	3020.1
40°	4522.7	4237.3	3952.0	3704.6	3457.2	3293.2	3128.8	3089.1	3049.2	3173.5	3297.9
42.5°	4718.1	4389.7	4061.3	3843.0	3624.3	3508.8	3392.9	3392.6	3391.9	3518.0	3644.1
45°	4877.0	4516.8	4156.3	3978.0	3799.2	3739.1	3679.0	3727.1	3775.3	3889.1	4003.2
47.5°	4995.6	4623.5	4251.0	4132.4	4013.8	4022.7	4031.6	4129.7	4227.8	4300.9	4374.4
50°	5072.8	4720.2	4367.2	4330.6	4294.0	4373.7	4453.6	4566.1	4678.8	4728.7	4778.6
52.5°	5185.3	4851.4	4517.2	4558.2	4599.2	4761.9	4924.5	5038.3	5152.1	5170.6	5189.4
55°	5445.3	5092.6	4739.6	4818.2	4897.2	5135.7	5374.6	5463.4	5552.3	5559.1	5565.9
57.5°	5814.7	5430.6	5046.5	5131.3	5216.0	5491.4	5767.2	5862.9	5958.9	5945.6	5931.9
60°	6091.2	5751.5	5411.5	5496.9	5582.3	5850.9	6119.5	6229.5	6339.9	6310.5	6281.1
62.5°	6108.2	5926.8	5745.0	5822.2	5899.8	6162.9	6426.0	6539.1	6652.3	6601.0	6549.7
65°	5836.6	5917.9	5999.2	6024.9	6050.5	6295.8	6541.5	6628.0	6714.8	6688.8	6662.8
67.5°	5462.4	5762.1	6062.1	6010.5	5958.9	6074.1	6189.2	6278.4	6367.6	6352.9	6337.9
70°	5088.9	5489.0	5889.2	5635.6	5381.7	5334.2	5286.7	5382.8	5479.1	5419.7	5359.9
72.5°	4452.9	4879.4	5306.2	4839.1	4372.0	4209.6	4047.3	4169.3	4291.3	4196.7	4101.7
75°	3495.4	3966.7	4438.3	3880.9	3323.6	3106.9	2890.3	2995.2	3100.1	3035.2	2969.9
77.5°	2602.2	3066.6	3531.0	2964.4	2397.5	2236.6	2075.3	2106.4	2137.8	2126.9	2115.6
80°	1765.0	2088.6	2412.5	2035.3	1658.0	1670.3	1683.0	1668.3	1653.2	1675.1	1697.0
82.5°	1126.3	1376.1	1626.2	1426.0	1225.7	1340.6	1455.4	1399.0	1342.3	1363.1	1384.3
85°	642.8	887.1	1131.8	1054.9	977.7	1044.6	1112.0	1024.5	937.0	975.3	1013.9
87.5°	169.5	490.7	812.3	737.4	662.6	575.8	489.0	373.2	257.3	375.9	494.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386449

CATALOG NUMBER: GWC-SA2A-760-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: P386449

CATALOG NUMBER: GWC-SA2A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9	2603.9
2.5°	2939.8	2934.0	2913.2	2892.0	2860.5	2834.6	2789.5
5°	3151.0	3114.1	3050.5	2986.6	2915.6	2833.9	2743.3
7.5°	3225.8	3139.4	3017.4	2895.0	2785.0	2655.8	2535.6
10°	3194.1	3064.5	2906.0	2747.1	2613.5	2464.8	2331.2
12.5°	3133.2	2995.5	2820.9	2645.9	2493.9	2334.3	2184.6
15°	3049.5	2939.5	2775.8	2612.1	2459.0	2303.9	2126.5
17.5°	2957.9	2905.6	2787.4	2668.8	2536.2	2385.9	2177.8
20°	2884.1	2903.2	2856.1	2808.9	2702.7	2571.4	2337.7
22.5°	2834.2	2926.1	2962.4	2998.9	2935.0	2832.5	2562.2
25°	2806.2	2958.6	3079.9	3201.6	3173.2	3094.3	2834.9
27.5°	2818.5	3005.4	3193.7	3382.3	3408.7	3386.8	3122.3
30°	2855.4	3044.7	3274.0	3503.7	3608.6	3637.9	3361.8
32.5°	2916.9	3102.5	3352.3	3602.4	3761.0	3854.6	3580.9
35°	3009.9	3183.5	3443.8	3704.2	3909.3	4080.1	3807.1
37.5°	3169.4	3318.8	3559.0	3799.6	4065.4	4322.1	4056.2
40°	3403.2	3508.8	3711.8	3915.1	4249.6	4596.1	4334.0
42.5°	3698.1	3752.4	3913.4	4074.3	4442.0	4844.9	4605.7
45°	4017.6	4031.9	4133.1	4234.6	4594.4	5014.4	4809.7
47.5°	4325.1	4275.9	4316.3	4356.6	4711.3	5135.4	4964.5
50°	4641.6	4504.5	4483.4	4462.2	4828.2	5277.9	5161.3
52.5°	4963.5	4737.6	4653.9	4569.8	4967.6	5466.8	5406.3
55°	5278.5	4991.2	4878.4	4765.6	5180.8	5697.5	5766.2
57.5°	5606.3	5280.6	5176.0	5071.5	5494.2	5989.7	6089.1
60°	5958.9	5636.3	5552.6	5468.5	5883.7	6305.4	6233.0
62.5°	6293.4	6037.2	5993.1	5948.7	6277.7	6548.0	6176.9
65°	6516.9	6370.7	6411.7	6453.0	6575.7	6608.5	6012.9
67.5°	6367.6	6397.3	6570.6	6744.2	6659.8	6428.8	5689.6
70°	5537.9	5716.3	6126.7	6537.4	6350.2	5947.3	5109.4
72.5°	4301.9	4502.5	5111.8	5721.4	5548.8	5055.4	4196.7
75°	3196.1	3422.7	4095.2	4767.7	4528.1	3781.5	3004.7
77.5°	2267.3	2419.0	3083.0	3747.3	3356.7	2517.1	2022.0
80°	1650.5	1604.0	1974.1	2344.2	2279.3	1664.9	1298.5
82.5°	1270.9	1157.4	1331.7	1506.0	1496.4	1155.4	952.7
85°	968.4	923.0	1077.1	1231.2	1099.3	782.5	605.5
87.5°	564.5	634.9	816.4	998.2	749.0	237.5	117.6
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: P386449

CATALOG NUMBER: GWC-SA2A-760-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



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)