

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: P386393

Luminaire Tested: **GWC-SA2A-735-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P386393
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-735-U-SLR
Description: GALLEON WALL LUMINAIRE
(2) 70 CRI, 3500K, 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: 8029 lumens
Efficiency: N/A
Efficacy: 121.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G3

Input Watts (W): 66
Input Voltage (V): NR
Input Current (A_{in}): 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

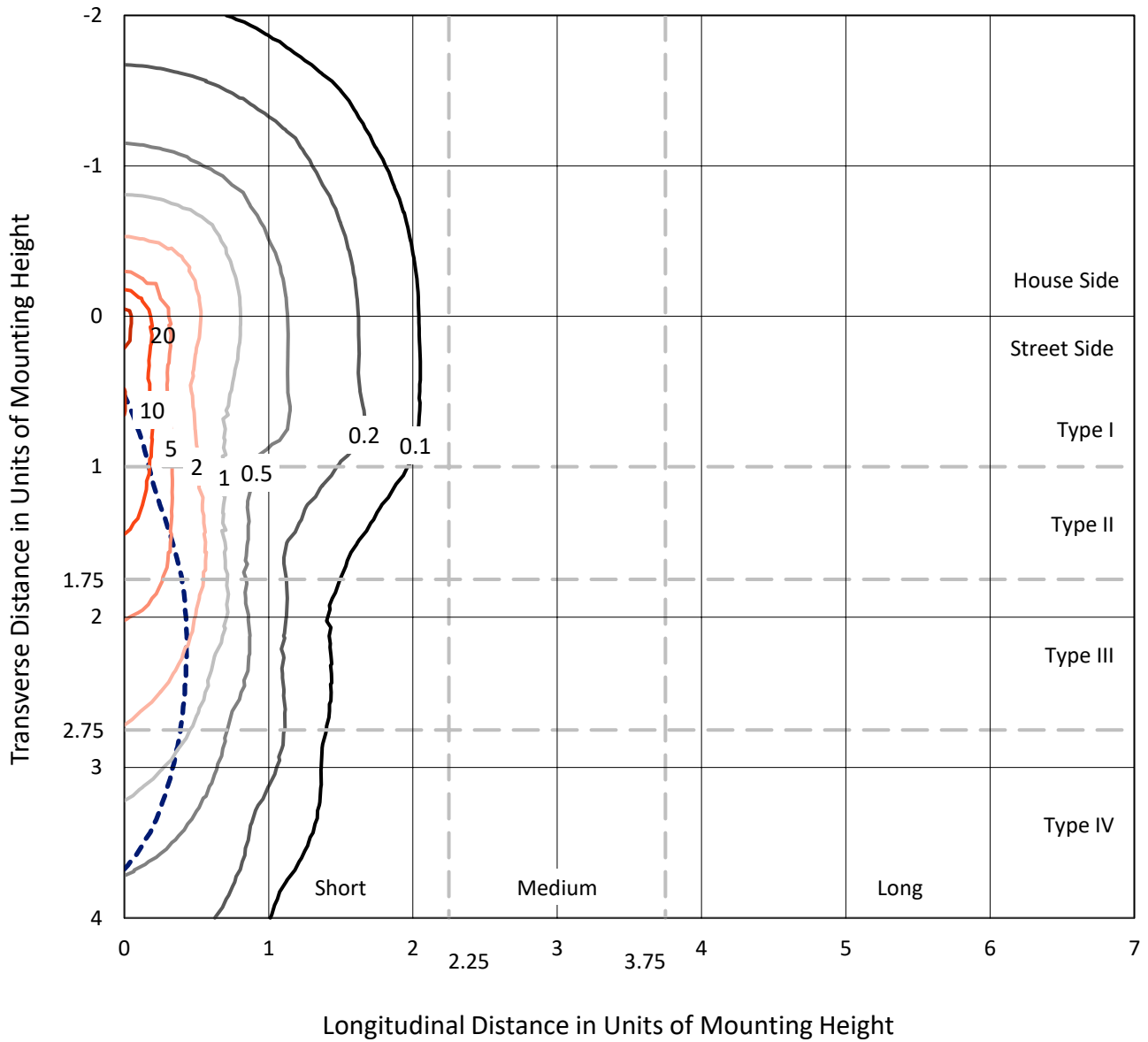




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Iso-Footcandle Lines of Horizontal Illumination

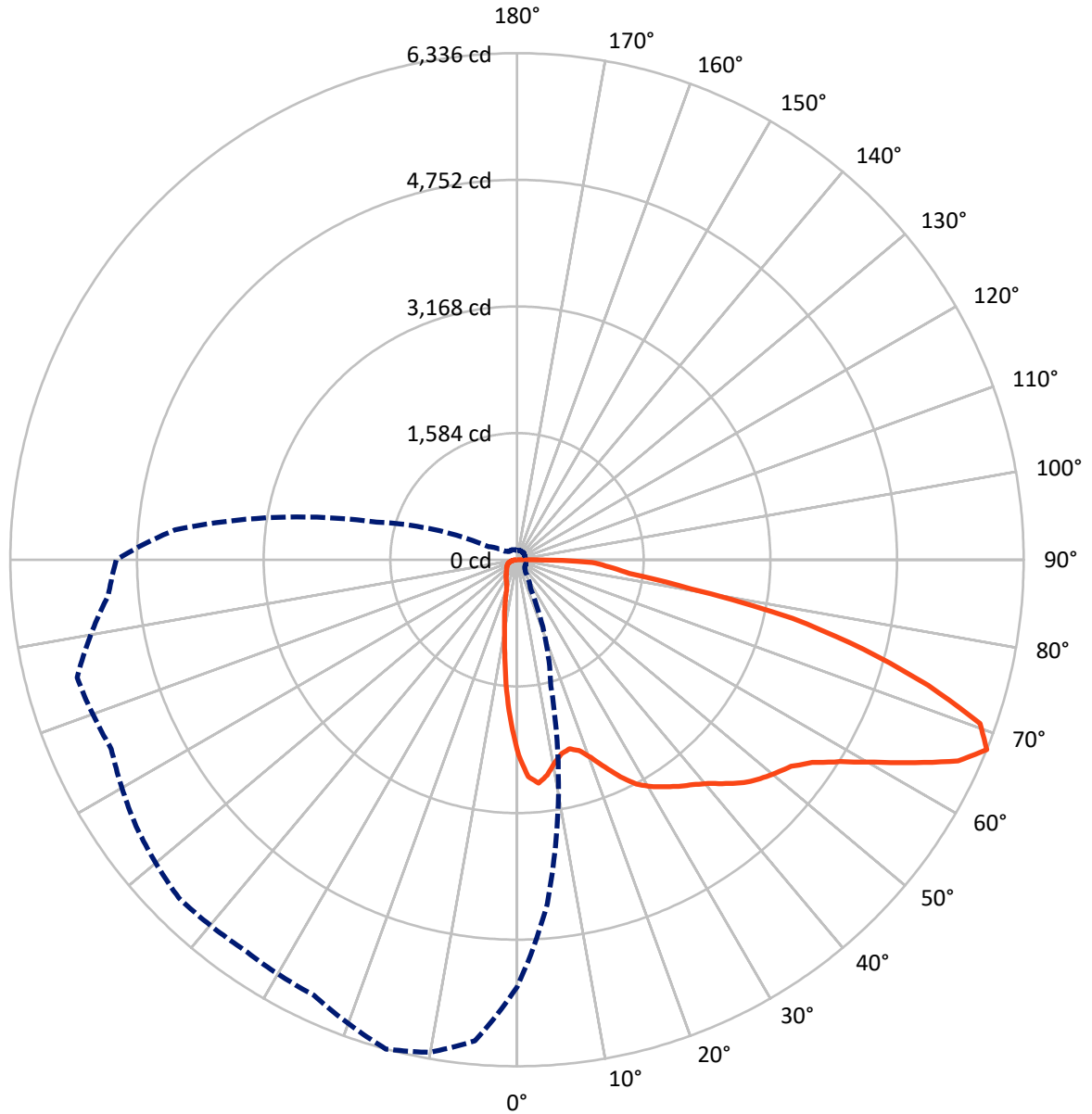
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 24.5 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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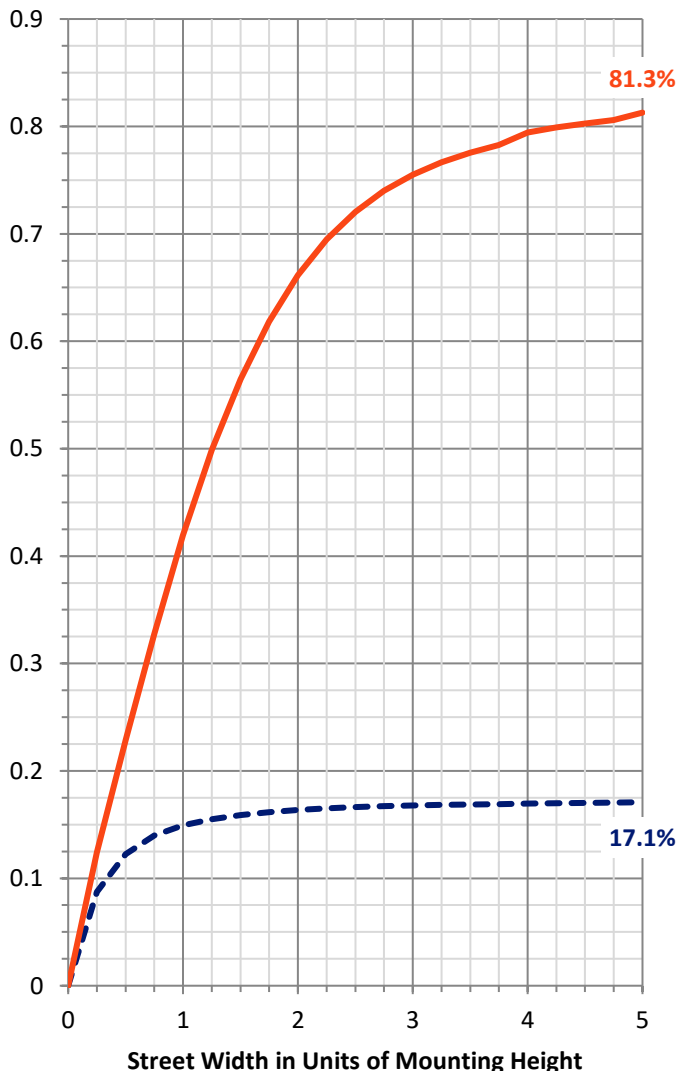
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1388.0	0.0	1388.0
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	6641.0	0.0	6641.0
	% Fixture	82.7	0.0	82.7
Total	Lumens	8029.0	0.0	8029.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.8	2.4
10°-20°	392.2	4.9
20°-30°	557.8	6.9
30°-40°	803.7	10.0
40°-50°	1132.7	14.1
50°-60°	1574.6	19.6
60°-70°	1904.2	23.7
70°-80°	1170.5	14.6
80°-90°	304.6	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°	8029.0	100.0
0°-180°	8029.0	100.0

Coefficient of Utilization



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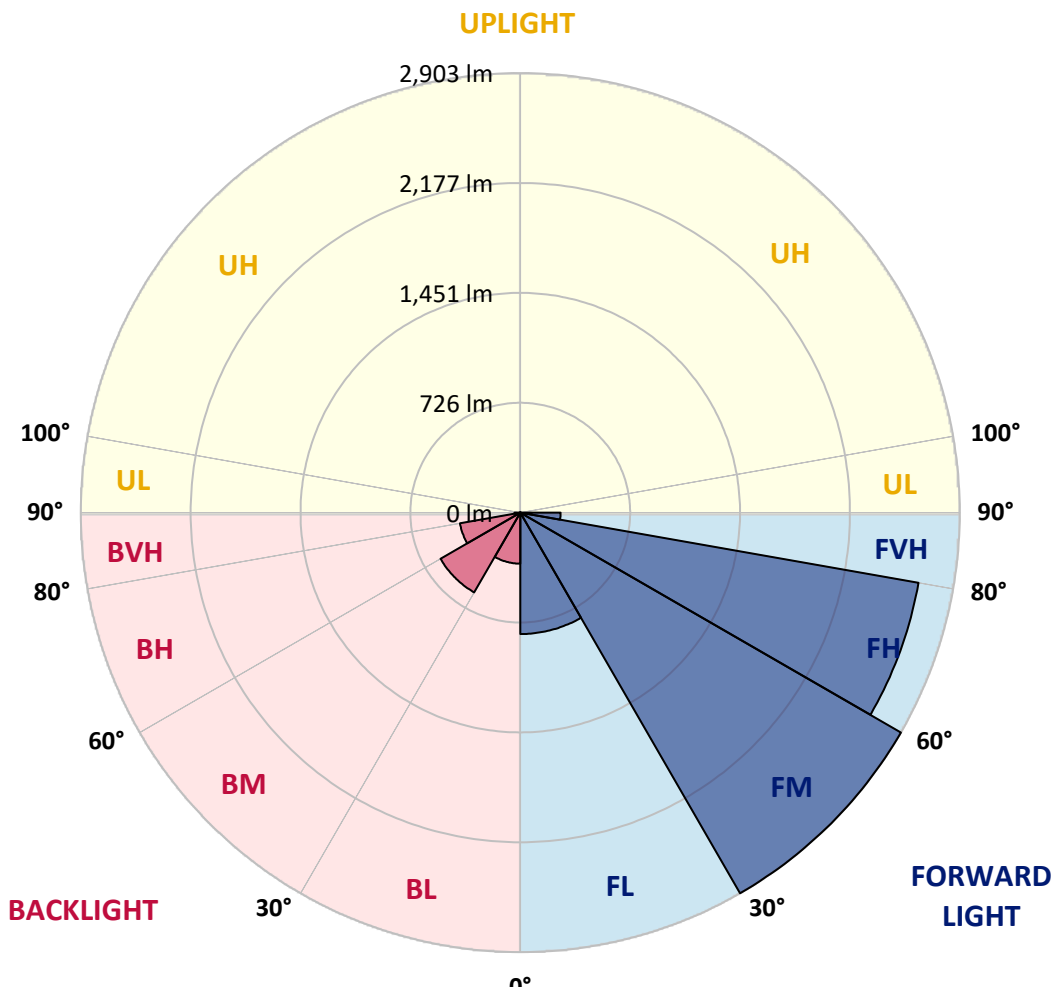
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	801.7	10.0			
FM (30°-60°)	2902.7	36.2			
FH (60°-80°)	2670.2	33.3			G2/5000
FVH (80°-90°)	266.4	3.3			G3/500
BL (0°-30°)	337.0	4.2	B1/500		
BM (30°-60°)	608.4	7.6	B1/1000		
BH (60°-80°)	404.5	5.0	B1/500		G1/500
BVH (80°-90°)	38.2	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3

Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1
2.5°	2620.4	2597.3	2562.3	2527.3	2501.3	2475.0	2445.1	2415.3	2381.3	2346.9	2326.7
5°	2577.0	2512.9	2429.4	2345.9	2290.7	2235.5	2172.9	2110.3	2048.3	1986.4	1953.0
7.5°	2381.9	2285.5	2177.0	2068.5	1988.3	1907.7	1821.1	1734.1	1657.1	1579.7	1531.9
10°	2189.9	2074.4	1949.8	1825.0	1722.2	1619.5	1532.5	1445.2	1387.1	1329.0	1285.0
12.5°	2052.2	1924.2	1787.1	1649.7	1546.9	1444.2	1389.0	1333.8	1285.7	1237.5	1186.7
15°	1997.6	1852.9	1712.6	1572.0	1478.6	1385.1	1323.9	1262.2	1197.7	1132.8	1070.5
17.5°	2045.8	1876.3	1723.8	1571.3	1449.0	1326.7	1241.0	1155.0	1070.0	984.9	912.6
20°	2196.0	1979.7	1780.3	1580.6	1417.9	1255.1	1140.2	1025.0	915.8	806.7	724.8
22.5°	2406.9	2120.6	1860.3	1599.9	1389.6	1179.0	1034.9	890.5	761.5	632.4	552.2
25°	2663.1	2307.4	1975.5	1643.3	1378.1	1112.6	935.4	758.2	622.2	485.7	428.6
27.5°	2933.1	2530.2	2118.6	1706.8	1380.1	1053.2	851.7	649.7	527.1	404.5	365.3
30°	3158.1	2784.7	2285.5	1786.1	1387.4	988.7	772.7	556.6	455.5	354.4	329.1
32.5°	3363.9	2962.3	2411.4	1860.3	1395.8	930.9	711.7	492.1	409.6	326.8	306.0
35°	3576.4	3119.9	2499.4	1878.5	1381.3	883.8	670.0	456.2	380.1	303.7	286.0
37.5°	3810.4	3290.3	2584.1	1877.6	1356.9	836.2	637.6	438.5	360.8	282.9	270.0
40°	4071.3	3478.8	2676.0	1873.1	1334.8	796.1	613.4	430.4	350.2	269.6	258.7
42.5°	4326.6	3658.6	2761.3	1864.1	1316.7	769.2	589.7	410.2	340.6	270.6	255.2
45°	4518.2	3815.5	2835.5	1855.1	1303.3	751.5	571.1	390.7	331.6	272.5	253.0
47.5°	4663.6	3973.2	2917.7	1861.9	1302.0	742.2	557.9	373.7	314.6	255.2	247.2
50°	4848.5	4162.5	3037.4	1912.2	1319.7	727.1	542.5	357.6	298.3	238.8	249.8
52.5°	5078.6	4432.8	3223.0	2012.7	1356.6	700.4	518.1	335.7	278.3	220.6	237.6
55°	5416.7	4779.2	3460.2	2140.8	1401.2	661.2	481.2	300.8	251.9	202.9	217.9
57.5°	5720.1	5129.1	3687.8	2246.1	1429.1	611.8	434.7	257.5	222.4	187.5	196.1
60°	5855.2	5309.5	3794.3	2278.9	1412.5	546.1	382.3	218.3	196.4	174.6	173.0
62.5°	5802.5	5194.8	3689.4	2183.8	1330.9	478.0	336.1	194.2	177.8	161.1	157.6
65°	5648.5	4834.7	3395.3	1955.9	1193.2	430.4	306.9	183.3	165.0	146.7	142.9
67.5°	5344.8	4322.1	2978.6	1635.2	1018.2	401.2	290.2	179.1	157.0	134.5	130.0
70°	4799.7	3705.1	2498.7	1292.0	837.8	383.3	279.3	175.3	148.3	121.0	116.9
72.5°	3942.4	2970.6	1995.4	1019.8	700.4	381.0	278.0	174.9	141.3	107.6	103.7
75°	2822.6	2256.3	1523.2	789.7	573.7	357.6	263.9	170.1	131.6	92.8	89.2
77.5°	1899.5	1561.7	1058.7	555.4	425.6	296.0	221.8	147.7	112.6	77.7	74.1
80°	1219.8	1080.9	709.4	338.0	276.1	214.1	158.6	103.1	82.2	61.0	58.1
82.5°	895.0	804.4	493.1	181.7	153.4	124.8	96.9	69.0	56.2	43.3	42.1
85°	568.8	627.2	363.1	98.8	80.9	62.9	52.0	41.1	32.4	23.8	23.8
87.5°	110.5	152.8	100.5	47.8	34.9	22.2	19.0	15.4	8.6	1.6	2.0
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°	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1
2.5°	2306.1	2283.9	2261.9	2236.8	2211.4	2188.0	2164.3	2138.2	2143.0	2123.1	2103.2
5°	1919.7	1884.3	1848.7	1817.9	1787.1	1760.4	1733.5	1709.4	1730.3	1716.1	1702.0
7.5°	1483.7	1440.1	1396.0	1359.1	1322.2	1293.6	1264.8	1244.9	1265.5	1262.8	1260.3
10°	1241.0	1198.7	1155.9	1115.2	1074.4	1039.7	1004.8	975.2	970.1	955.4	940.2
12.5°	1135.7	1077.7	1019.2	976.5	933.9	892.4	851.0	816.3	800.6	776.2	751.5
15°	1008.3	939.6	870.9	822.4	773.6	733.5	693.1	663.2	653.3	634.3	615.4
17.5°	840.4	765.3	690.2	641.0	591.6	559.5	527.1	507.2	507.2	501.7	496.3
20°	643.0	575.8	508.8	471.2	433.7	416.7	399.3	391.0	393.5	393.9	393.9
22.5°	471.6	430.4	389.4	374.3	358.8	352.7	346.7	343.2	344.5	344.8	345.0
25°	371.4	355.7	339.6	331.9	323.9	320.1	316.2	314.9	317.8	318.1	318.1
27.5°	326.2	316.5	306.5	301.7	296.6	295.0	293.4	291.1	294.0	294.0	293.7
30°	303.3	293.1	282.9	276.7	270.6	271.3	271.6	270.9	272.9	274.1	275.1
32.5°	284.7	274.8	264.8	258.7	252.3	251.4	250.3	249.8	253.9	256.2	258.4
35°	268.0	257.1	246.2	240.4	234.7	232.4	230.2	228.6	232.4	235.3	238.2
37.5°	256.8	245.6	234.0	228.6	222.8	219.9	217.0	215.1	216.7	217.9	219.3
40°	247.8	236.3	224.4	217.9	211.6	208.6	205.7	204.1	205.2	205.4	205.7
42.5°	239.5	228.3	217.0	210.0	202.5	199.1	195.5	193.6	194.2	194.8	195.2
45°	233.3	222.2	210.6	202.3	193.6	189.8	185.9	183.7	183.9	183.9	183.9
47.5°	239.2	222.8	206.1	196.4	186.5	182.1	177.5	175.3	174.6	174.0	173.3
50°	260.3	232.4	204.1	191.9	179.4	174.6	169.5	166.9	165.3	164.7	164.0
52.5°	254.2	230.2	205.7	190.0	174.0	168.2	162.4	158.3	156.7	155.7	154.7
55°	232.7	217.7	202.3	183.3	164.4	159.2	153.8	150.9	148.0	147.3	146.7
57.5°	204.5	198.4	192.3	173.0	153.8	149.0	143.8	141.8	139.3	139.3	139.0
60°	171.1	180.1	189.1	166.9	144.5	139.0	133.6	131.9	131.0	130.7	130.3
62.5°	153.8	168.5	183.0	159.5	135.7	130.0	124.2	122.3	122.0	122.3	122.3
65°	139.0	143.4	148.0	137.1	126.2	120.3	114.3	112.4	113.0	113.9	114.9
67.5°	125.5	124.6	123.6	119.8	115.5	110.8	105.6	103.7	104.0	105.3	106.6
70°	112.6	111.4	109.8	106.9	104.0	99.9	95.6	94.4	94.0	95.6	96.9
72.5°	99.9	98.3	96.3	94.0	91.5	87.9	84.5	83.4	83.8	84.7	85.7
75°	85.7	84.5	82.9	80.9	78.6	75.4	72.2	71.6	72.2	73.2	74.1
77.5°	70.3	70.0	69.3	67.7	66.1	62.6	58.7	58.4	59.4	60.3	61.0
80°	54.9	55.2	55.5	54.3	53.0	49.1	44.9	44.6	45.6	46.5	47.5
82.5°	40.5	41.4	42.1	40.5	38.8	34.4	29.9	29.2	32.4	33.3	34.4
85°	23.4	24.7	26.0	24.7	23.4	19.0	14.5	14.1	17.0	18.6	20.2
87.5°	2.0	2.5	3.2	2.9	2.5	1.3	0.0	0.0	0.3	1.6	2.9
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



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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



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 CATALOG NUMBER: GWC-SA2A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1
2.5°	2090.7	2078.2	2074.4	2070.5	2056.4	2042.0	2056.7	2071.2	2077.3	2083.4	2067.6
5°	1700.0	1697.9	1697.9	1697.5	1684.6	1671.5	1681.4	1691.1	1669.6	1648.1	1645.8
7.5°	1274.1	1287.9	1299.1	1310.1	1305.9	1301.7	1311.0	1320.3	1293.0	1265.5	1251.9
10°	943.4	946.3	958.6	970.8	973.6	976.2	987.8	999.0	977.8	956.6	947.3
12.5°	736.1	720.7	722.3	723.5	729.3	734.8	747.0	758.8	750.2	741.2	742.2
15°	596.1	576.5	568.5	560.2	566.5	573.0	581.7	590.0	590.3	590.3	598.7
17.5°	486.6	476.7	468.7	460.3	469.0	477.3	478.3	479.3	479.6	479.9	479.3
20°	398.7	403.5	400.9	398.4	401.6	404.5	407.0	409.3	406.4	403.2	395.2
22.5°	349.5	353.8	357.0	359.9	365.3	370.4	367.9	365.0	359.2	353.1	347.0
25°	321.0	323.9	327.1	330.3	334.8	339.0	334.5	330.0	325.8	321.6	317.5
27.5°	296.9	299.9	302.7	305.3	309.4	313.3	309.2	304.9	301.5	297.9	294.7
30°	277.3	279.3	281.5	283.8	287.6	291.1	287.6	283.8	281.2	278.3	276.1
32.5°	260.7	262.6	263.6	264.5	268.0	271.6	269.0	266.4	264.2	261.9	260.3
35°	242.4	246.2	246.9	247.5	251.0	254.6	253.0	251.0	248.5	245.9	243.0
37.5°	223.8	228.3	230.8	233.1	236.5	240.1	238.5	236.9	233.3	229.9	224.7
40°	208.0	210.0	214.7	219.3	225.0	230.5	227.2	223.8	218.3	212.9	210.2
42.5°	194.8	194.5	199.1	203.6	212.2	220.6	214.7	209.0	203.8	198.7	198.0
45°	183.3	182.3	184.6	186.8	196.1	205.2	199.3	193.2	190.3	187.5	187.5
47.5°	173.0	172.4	174.0	175.3	181.0	186.5	183.7	180.7	179.1	177.5	177.8
50°	163.7	163.1	164.7	166.0	168.2	170.1	170.8	171.1	170.1	169.2	169.8
52.5°	155.1	155.1	155.7	156.0	158.9	161.8	161.8	161.5	161.5	161.5	162.1
55°	147.7	148.3	148.3	148.3	152.8	157.0	155.7	154.4	154.7	154.7	155.4
57.5°	140.3	141.3	141.8	142.5	147.0	151.5	150.2	149.0	149.0	149.0	149.3
60°	131.9	133.2	134.5	135.7	140.3	144.8	143.4	141.8	142.2	142.5	142.9
62.5°	123.9	125.2	126.4	127.8	132.3	136.8	135.5	133.9	134.8	135.5	135.5
65°	116.2	117.1	118.5	119.8	123.9	128.0	126.8	125.5	126.8	127.8	128.4
67.5°	107.6	108.2	109.4	110.8	114.9	119.1	117.8	116.2	117.8	119.1	120.3
70°	97.6	98.3	99.9	101.1	105.3	109.4	107.8	106.2	107.8	109.4	110.8
72.5°	86.7	87.3	89.0	90.2	95.0	99.9	97.9	96.0	97.9	99.9	100.5
75°	74.8	75.4	77.4	79.0	83.8	88.6	87.0	85.1	86.7	88.3	88.6
77.5°	62.0	62.9	65.5	68.0	71.9	75.7	74.8	73.8	74.8	75.7	75.7
80°	48.5	49.4	52.6	55.5	57.8	60.0	60.3	60.7	61.0	61.3	61.0
82.5°	36.0	37.2	40.1	43.0	43.0	43.0	45.6	47.8	47.8	47.5	47.2
85°	22.2	23.8	26.3	28.9	27.2	25.6	29.9	33.7	33.7	33.3	32.8
87.5°	4.5	6.1	8.6	10.9	9.3	7.7	11.8	16.1	16.3	16.3	15.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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



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CATALOG NUMBER: GWC-SA2A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1
2.5°	2051.5	2076.6	2101.3	2107.7	2117.4	2121.5	2125.4	2156.8	2188.0	2224.6	2261.2
5°	1643.3	1661.9	1680.5	1683.4	1693.4	1698.4	1703.6	1741.8	1779.7	1830.7	1881.8
7.5°	1238.5	1242.9	1247.4	1246.8	1255.1	1266.4	1277.3	1318.1	1358.6	1413.4	1468.0
10°	938.0	948.2	958.2	967.5	985.8	1007.0	1027.9	1069.6	1111.3	1165.6	1219.5
12.5°	743.2	755.0	766.5	776.9	798.0	826.3	854.2	904.3	954.3	1019.2	1083.7
15°	606.7	605.7	604.8	611.8	630.4	661.2	691.8	744.8	797.7	868.9	940.0
17.5°	478.6	473.8	469.0	474.5	491.8	517.1	542.2	587.1	631.7	700.8	769.7
20°	387.1	383.9	380.7	385.8	396.8	407.3	417.9	450.3	482.5	538.6	594.5
22.5°	340.6	340.2	339.6	342.5	347.7	353.1	358.3	374.0	389.4	425.6	461.6
25°	313.3	313.0	312.6	313.9	318.1	322.3	326.4	336.8	347.0	364.4	381.7
27.5°	291.5	290.8	290.2	290.6	291.5	297.9	304.0	308.8	313.3	325.2	336.8
30°	273.8	273.5	273.2	273.2	272.2	274.5	276.7	284.1	291.1	303.3	315.5
32.5°	258.7	257.1	255.5	251.9	249.8	253.0	256.2	263.9	271.6	282.9	294.0
35°	239.8	235.6	231.1	229.2	229.5	232.7	236.0	243.7	251.0	263.2	275.1
37.5°	219.3	217.9	216.3	216.1	217.0	220.2	223.4	230.2	236.5	248.8	260.7
40°	207.7	207.0	206.4	205.7	206.4	209.6	212.9	219.3	225.4	237.2	248.8
42.5°	197.5	197.1	196.8	196.8	197.1	200.7	204.1	210.6	216.7	227.2	237.9
45°	187.5	187.8	187.8	188.4	189.4	193.0	196.1	203.2	210.2	220.6	230.8
47.5°	178.2	179.1	179.8	181.4	182.3	186.2	189.8	197.5	205.2	217.9	230.5
50°	170.1	171.1	171.7	173.0	175.6	180.1	184.6	193.9	202.9	224.4	245.6
52.5°	162.8	163.7	164.7	166.0	169.2	174.4	179.4	191.0	202.3	227.2	252.3
55°	156.0	157.0	157.6	159.5	162.8	167.2	171.4	185.5	199.6	217.9	236.3
57.5°	149.6	150.6	151.1	152.5	154.1	158.9	163.4	178.5	193.6	206.4	219.0
60°	142.9	143.4	143.8	143.8	145.1	150.6	156.0	175.3	194.2	191.9	189.4
62.5°	135.5	136.1	136.4	135.5	137.1	142.9	148.6	173.7	198.7	183.3	167.9
65°	128.7	128.4	128.0	127.1	129.1	134.8	140.3	152.8	165.3	159.2	153.1
67.5°	121.4	120.3	119.4	118.2	120.1	125.2	130.0	134.1	138.4	139.0	139.6
70°	112.1	110.8	109.4	109.2	110.1	114.3	118.5	121.4	123.9	125.2	126.2
72.5°	101.1	100.1	99.2	98.5	98.8	102.4	105.6	108.2	110.8	111.7	112.4
75°	89.0	89.0	88.6	86.7	86.7	89.5	92.2	94.4	96.7	97.9	99.2
77.5°	75.7	76.1	76.1	73.6	73.2	76.1	78.6	80.6	82.2	83.4	84.5
80°	60.7	60.0	59.4	57.8	57.1	60.7	63.9	65.5	66.8	67.1	67.1
82.5°	46.5	45.3	43.7	40.1	40.5	44.3	47.8	49.1	50.4	50.4	50.4
85°	31.8	29.2	26.3	23.4	23.8	27.9	31.8	33.1	34.4	34.9	35.3
87.5°	15.1	12.5	9.7	7.4	7.4	10.9	14.1	14.7	15.4	16.7	17.9
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: P386393
 CATALOG NUMBER: GWC-SA2A-735-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: P386393

CATALOG NUMBER: GWC-SA2A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1
2.5°	2289.1	2316.7	2345.3	2373.8	2406.6	2439.3	2477.6	2515.4	2547.8	2580.2	2607.2
5°	1925.8	1969.7	2021.4	2073.1	2138.9	2204.7	2285.3	2365.5	2437.1	2508.7	2591.8
7.5°	1525.5	1582.6	1650.0	1717.4	1802.5	1887.5	1991.9	2096.2	2197.3	2298.1	2425.9
10°	1279.5	1339.6	1406.0	1472.1	1558.8	1645.2	1755.6	1865.7	1979.3	2092.7	2237.1
12.5°	1150.5	1217.0	1275.4	1333.8	1404.1	1474.1	1581.0	1687.9	1821.4	1954.6	2093.6
15°	1012.8	1085.4	1155.3	1225.3	1302.0	1378.4	1482.5	1586.4	1732.5	1878.5	2038.4
17.5°	846.2	922.6	1008.0	1093.1	1193.2	1293.0	1426.3	1559.5	1732.5	1905.2	2093.6
20°	672.5	750.5	852.6	954.7	1079.3	1203.5	1376.2	1548.9	1781.9	2014.6	2255.1
22.5°	530.7	599.3	710.7	821.8	965.6	1109.4	1330.9	1552.1	1856.7	2161.1	2485.5
25°	430.1	478.6	588.1	697.2	863.2	1029.2	1303.3	1577.1	1965.5	2353.7	2756.2
27.5°	368.5	400.3	502.4	604.1	785.5	966.5	1292.0	1617.3	2103.6	2589.9	3050.6
30°	337.7	359.9	446.2	532.3	716.5	900.8	1278.6	1656.4	2236.5	2816.2	3280.7
32.5°	312.1	329.6	403.5	477.0	656.8	836.5	1252.6	1668.3	2329.2	2990.2	3475.6
35°	290.2	304.9	369.2	433.3	609.9	786.5	1208.9	1631.4	2387.4	3143.3	3678.5
37.5°	272.5	284.1	343.4	402.9	569.5	736.1	1159.1	1582.2	2439.0	3295.8	3906.7
40°	258.7	268.7	324.2	379.8	530.9	682.2	1116.5	1550.5	2510.2	3470.1	4147.8
42.5°	251.0	263.9	307.6	350.9	494.3	637.8	1082.1	1526.4	2576.4	3626.2	4358.7
45°	249.1	267.4	298.8	330.3	467.1	603.8	1051.7	1499.1	2619.1	3739.1	4517.5
47.5°	245.9	261.0	292.2	323.2	453.5	583.6	1035.2	1486.6	2661.8	3836.7	4649.5
50°	247.8	249.8	286.7	323.2	451.7	580.1	1053.9	1527.6	2754.3	3980.5	4800.4
52.5°	244.2	236.0	276.4	316.9	451.4	585.8	1107.5	1629.1	2926.0	4222.6	4963.8
55°	225.6	214.7	257.1	299.5	444.6	589.4	1171.3	1753.0	3156.5	4559.6	5257.5
57.5°	209.3	199.3	235.3	270.9	424.0	577.2	1237.2	1896.8	3400.1	4903.1	5588.5
60°	187.5	185.2	210.9	236.5	392.3	547.7	1291.4	2034.9	3563.9	5092.5	5715.9
62.5°	169.5	170.8	189.8	208.6	352.5	496.0	1309.4	2122.5	3559.4	4996.2	5587.5
65°	155.7	157.9	176.5	195.2	318.5	441.7	1250.3	2058.6	3379.3	4699.6	5333.6
67.5°	142.2	144.8	166.9	188.7	288.3	387.5	1102.7	1817.5	3055.4	4292.8	5010.6
70°	129.4	132.5	156.7	180.7	266.4	351.8	912.3	1472.8	2649.9	3826.7	4636.7
72.5°	115.5	118.7	144.5	170.1	252.6	334.8	743.8	1152.4	2150.5	3148.1	3966.0
75°	101.5	103.7	131.6	159.2	233.7	308.2	583.6	858.7	1645.8	2432.9	2995.6
77.5°	87.3	90.2	113.7	136.8	198.4	259.7	439.8	619.9	1207.6	1795.1	2083.4
80°	69.7	72.2	89.0	105.3	153.1	200.7	302.4	404.1	831.1	1258.0	1420.5
82.5°	53.3	56.2	67.4	78.3	109.2	140.0	183.3	226.7	552.2	877.3	890.8
85°	36.6	37.6	45.6	53.3	67.4	81.5	104.9	128.4	365.3	602.2	501.7
87.5°	18.3	18.3	23.8	29.2	36.3	43.3	55.5	67.4	116.9	166.3	95.6
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: P386393
 CATALOG NUMBER: GWC-SA2A-735-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: P386393

CATALOG NUMBER: GWC-SA2A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1
2.5°	2641.6	2665.1	2688.7	2706.8	2725.1	2751.4	2777.7	2782.5	2787.7	2777.4	2767.1
5°	2675.6	2746.6	2817.8	2883.7	2949.4	2989.0	3028.4	3036.4	3044.5	3019.8	2994.7
7.5°	2549.4	2673.0	2796.7	2910.0	3023.3	3091.9	3161.0	3176.4	3192.2	3151.7	3111.2
10°	2380.9	2532.8	2684.6	2833.9	2983.1	3083.0	3182.8	3202.7	3222.6	3172.2	3121.8
12.5°	2250.6	2412.7	2574.8	2732.1	2889.8	2993.1	3096.4	3121.1	3145.9	3109.3	3072.4
15°	2210.5	2363.0	2515.4	2652.5	2789.9	2874.4	2959.1	2969.0	2979.3	2973.5	2967.7
17.5°	2283.4	2421.0	2559.1	2633.6	2708.4	2742.1	2776.1	2787.0	2798.3	2812.6	2827.5
20°	2459.9	2556.8	2654.1	2650.9	2647.4	2631.0	2614.3	2611.4	2608.5	2649.9	2691.6
22.5°	2723.4	2762.0	2800.8	2710.6	2620.4	2565.5	2510.2	2499.4	2488.2	2532.1	2576.4
25°	3009.4	3002.4	2995.0	2823.3	2651.3	2546.6	2442.0	2429.7	2417.5	2455.1	2493.0
27.5°	3292.6	3246.4	3200.1	2966.8	2733.4	2581.5	2429.7	2417.5	2405.3	2438.7	2472.1
30°	3500.3	3426.2	3351.9	3087.8	2823.6	2643.2	2462.8	2442.9	2422.7	2463.7	2504.8
32.5°	3662.4	3562.8	3463.4	3186.0	2908.6	2713.5	2518.3	2487.1	2456.0	2510.9	2565.9
35°	3824.2	3684.2	3544.0	3273.7	3003.1	2796.7	2589.9	2551.7	2513.5	2589.0	2664.4
37.5°	4027.7	3826.7	3625.5	3372.2	3118.9	2921.1	2723.1	2683.9	2644.8	2740.8	2837.1
40°	4248.6	3980.5	3712.5	3480.1	3247.7	3093.6	2939.2	2901.9	2864.4	2981.2	3098.0
42.5°	4432.2	4123.7	3815.2	3610.1	3404.6	3296.1	3187.3	3187.0	3186.3	3304.8	3423.2
45°	4581.4	4243.1	3904.4	3736.9	3568.9	3512.5	3456.0	3501.2	3546.5	3653.4	3760.6
47.5°	4692.8	4343.3	3993.4	3882.0	3770.5	3778.9	3787.3	3879.4	3971.6	4040.2	4109.3
50°	4765.4	4434.1	4102.5	4068.1	4033.8	4108.6	4183.7	4289.4	4395.2	4442.1	4489.0
52.5°	4871.0	4557.4	4243.4	4281.9	4320.5	4473.3	4626.0	4732.9	4839.9	4857.2	4874.9
55°	5115.3	4784.0	4452.4	4526.2	4600.4	4824.4	5048.9	5132.3	5215.8	5222.2	5228.6
57.5°	5462.3	5101.5	4740.7	4820.3	4899.9	5158.6	5417.7	5507.6	5597.8	5585.3	5572.4
60°	5722.0	5402.9	5083.5	5163.8	5244.0	5496.3	5748.6	5852.0	5955.7	5928.0	5900.4
62.5°	5738.0	5567.6	5396.8	5469.3	5542.2	5789.4	6036.5	6142.8	6249.1	6200.9	6152.7
65°	5482.9	5559.2	5635.6	5659.8	5683.8	5914.2	6145.0	6226.3	6307.8	6283.4	6259.0
67.5°	5131.3	5412.9	5694.7	5646.2	5597.8	5706.0	5814.1	5897.9	5981.7	5967.9	5953.8
70°	4780.5	5156.3	5532.3	5294.0	5055.5	5010.9	4966.3	5056.6	5147.0	5091.2	5035.1
72.5°	4183.0	4583.7	4984.6	4545.8	4107.0	3954.5	3802.0	3916.6	4031.2	3942.4	3853.1
75°	3283.6	3726.3	4169.3	3645.7	3122.2	2918.6	2715.1	2813.7	2912.2	2851.2	2789.9
77.5°	2444.5	2880.7	3317.0	2784.7	2252.2	2101.0	1949.5	1978.7	2008.2	1998.0	1987.4
80°	1658.0	1962.0	2266.3	1911.9	1557.5	1569.1	1581.0	1567.2	1553.0	1573.6	1594.2
82.5°	1058.0	1292.7	1527.6	1339.6	1151.4	1259.4	1367.2	1314.2	1260.9	1280.5	1300.4
85°	603.8	833.3	1063.2	991.0	918.4	981.3	1044.6	962.4	880.2	916.2	952.5
87.5°	159.2	461.0	763.1	692.7	622.4	540.9	459.4	350.6	241.7	353.1	464.5
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: P386393
 CATALOG NUMBER: GWC-SA2A-735-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: P386393
 CATALOG NUMBER: GWC-SA2A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1	2446.1
2.5°	2761.6	2756.2	2736.6	2716.7	2687.1	2662.8	2620.4
5°	2960.0	2925.4	2865.6	2805.6	2738.9	2662.1	2577.0
7.5°	3030.3	2949.1	2834.5	2719.5	2616.2	2494.8	2381.9
10°	3000.5	2878.8	2729.9	2580.6	2455.1	2315.4	2189.9
12.5°	2943.3	2814.0	2649.9	2485.5	2342.8	2192.8	2052.2
15°	2864.7	2761.3	2607.6	2453.8	2310.0	2164.3	1997.6
17.5°	2778.6	2729.5	2618.5	2507.1	2382.5	2241.3	2045.8
20°	2709.3	2727.2	2683.0	2638.7	2538.9	2415.6	2196.0
22.5°	2662.4	2748.8	2782.9	2817.1	2757.1	2660.8	2406.9
25°	2636.1	2779.3	2893.2	3007.6	2980.9	2906.8	2663.1
27.5°	2647.7	2823.3	3000.1	3177.3	3202.1	3181.5	2933.1
30°	2682.3	2860.2	3075.6	3291.4	3389.9	3417.4	3158.1
32.5°	2740.1	2914.5	3149.1	3384.1	3533.1	3621.0	3363.9
35°	2827.5	2990.6	3235.1	3479.7	3672.4	3832.8	3576.4
37.5°	2977.3	3117.7	3343.3	3569.3	3819.0	4060.2	3810.4
40°	3196.9	3296.1	3486.8	3677.8	3992.0	4317.5	4071.3
42.5°	3474.0	3525.0	3676.2	3827.4	4172.8	4551.3	4326.6
45°	3774.1	3787.5	3882.6	3978.0	4316.0	4710.5	4518.2
47.5°	4063.0	4016.8	4054.7	4092.6	4425.8	4824.2	4663.6
50°	4360.3	4231.5	4211.7	4191.8	4535.6	4958.0	4848.5
52.5°	4662.7	4450.5	4371.8	4292.8	4666.5	5135.5	5078.6
55°	4958.6	4688.7	4582.7	4476.8	4866.8	5352.2	5416.7
57.5°	5266.5	4960.6	4862.3	4764.1	5161.2	5626.7	5720.1
60°	5597.8	5294.7	5216.1	5137.1	5527.1	5923.3	5855.2
62.5°	5912.0	5671.3	5629.9	5588.2	5897.2	6151.2	5802.5
65°	6121.9	5984.6	6023.1	6061.9	6177.2	6208.0	5648.5
67.5°	5981.7	6009.6	6172.4	6335.5	6256.2	6039.2	5344.8
70°	5202.3	5369.9	5755.4	6141.2	5965.3	5586.9	4799.7
72.5°	4041.2	4229.6	4802.0	5374.6	5212.5	4749.0	3942.4
75°	3002.4	3215.3	3847.0	4478.7	4253.7	3552.3	2822.6
77.5°	2129.9	2272.4	2896.2	3520.2	3153.3	2364.5	1899.5
80°	1550.5	1506.8	1854.5	2202.1	2141.2	1564.0	1219.8
82.5°	1193.9	1087.3	1251.0	1414.7	1405.7	1085.4	895.0
85°	909.7	867.1	1011.8	1156.6	1032.7	735.1	568.8
87.5°	530.3	596.4	766.9	937.7	703.6	223.1	110.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386393

CATALOG NUMBER: GWC-SA2A-735-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

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1121 Highway 74 South
Peachtree City, GA 30269

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Scaled Data Report





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

Scaled Data Report



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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

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

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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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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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Cooper Lighting Solutions Photometric Lab
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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
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Peachtree City, GA 30269

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