

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: P386617

Luminaire Tested: **GWC-SA2B-740-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P386617
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GWC-SA2B-740-U-SLR
Description: GALLEON WALL LUMINAIRE
(2) 70 CRI, 4000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10481 lumens
Efficiency: N/A
Efficacy: 121.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G3

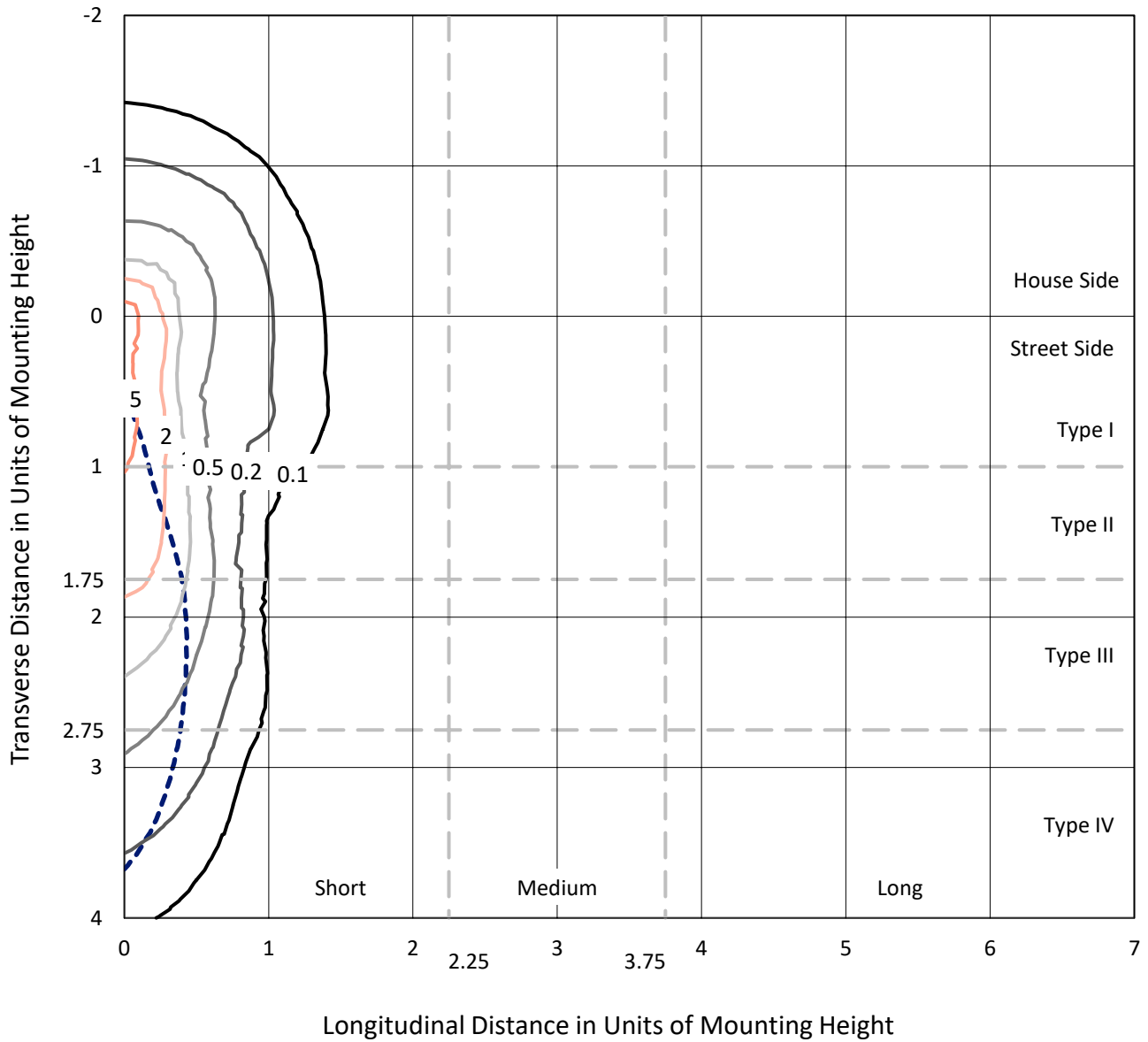
Input Watts (W): 86
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

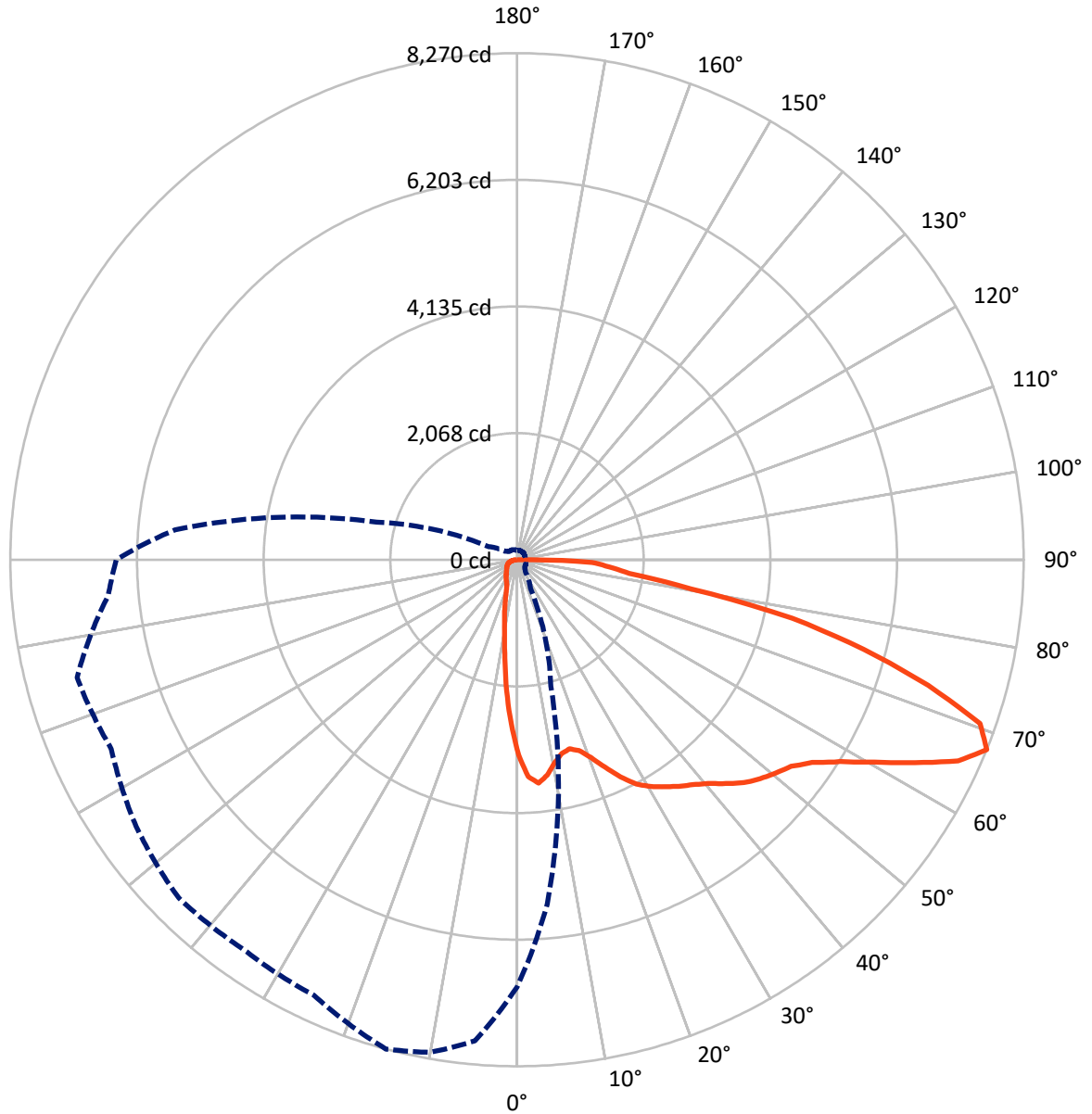
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 8 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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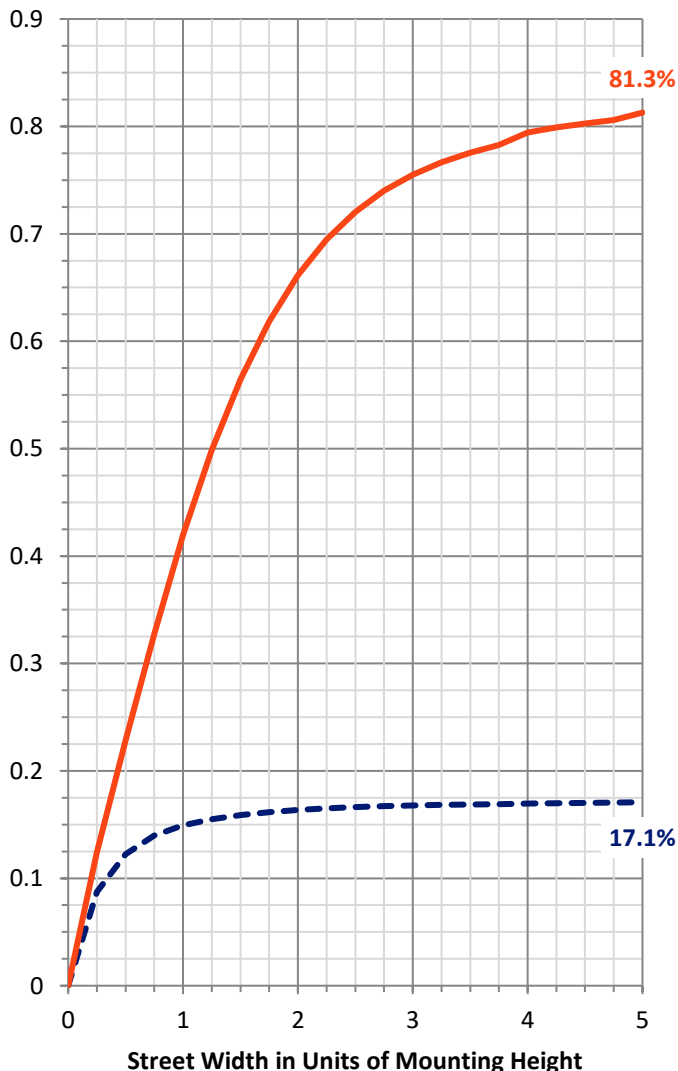
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1811.9	0.0	1811.9
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	8669.1	0.0	8669.1
	% Fixture	82.7	0.0	82.7
Total	Lumens	10481.0	0.0	10481.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	246.4	2.4
10°-20°	511.9	4.9
20°-30°	728.1	6.9
30°-40°	1049.2	10.0
40°-50°	1478.6	14.1
50°-60°	2055.5	19.6
60°-70°	2485.7	23.7
70°-80°	1527.9	14.6
80°-90°	397.6	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°	10481.0	100.0
0°-180°	10481.0	100.0

Coefficient of Utilization



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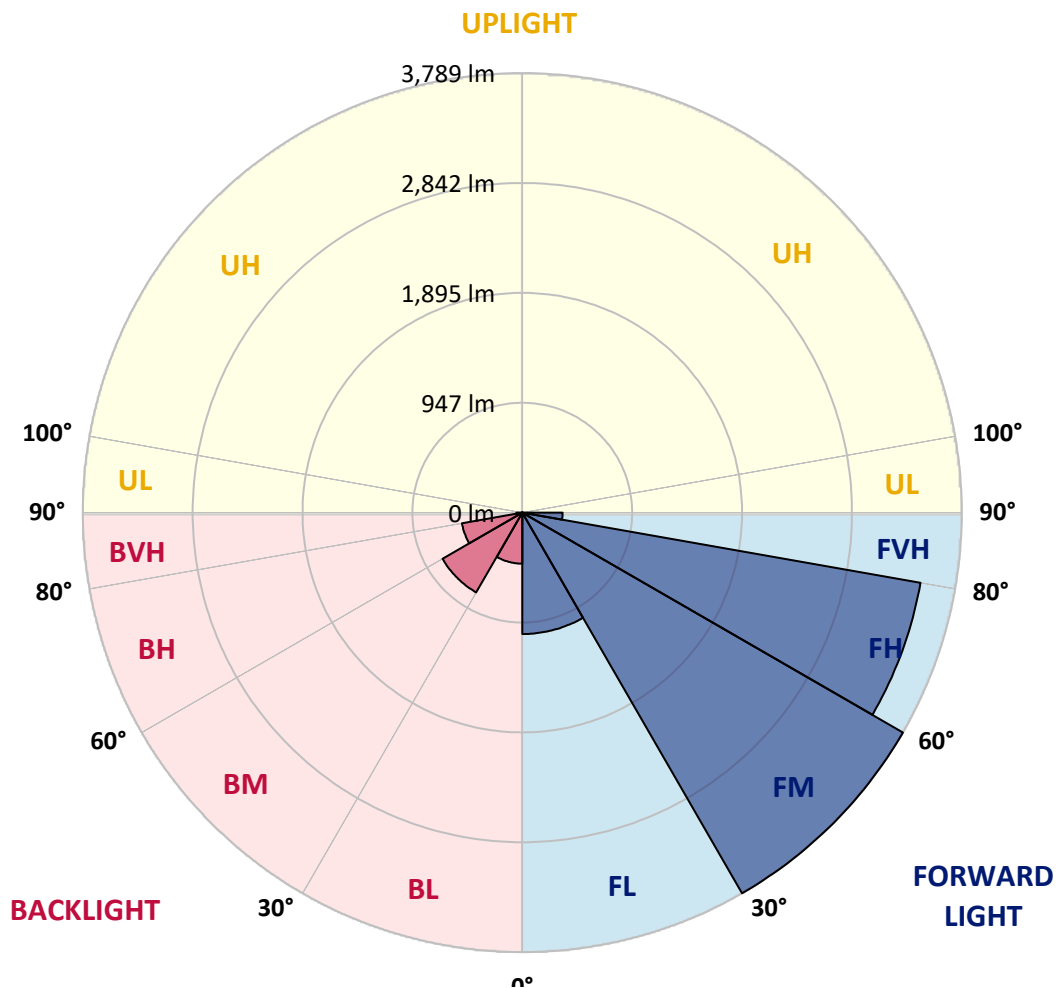
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1046.6	10.0			
FM (30°-60°)	3789.1	36.2			
FH (60°-80°)	3485.6	33.3			G2/5000
FVH (80°-90°)	347.7	3.3			G3/500
BL (0°-30°)	439.9	4.2	B1/500		
BM (30°-60°)	794.1	7.6	B1/1000		
BH (60°-80°)	528.0	5.0	B2/1000		G2/1000
BVH (80°-90°)	49.8	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1
2.5°	3420.6	3390.5	3344.8	3299.1	3265.2	3230.8	3191.9	3152.9	3108.5	3063.6	3037.2
5°	3364.1	3280.3	3171.3	3062.4	2990.3	2918.2	2836.5	2754.8	2673.9	2593.0	2549.5
7.5°	3109.3	2983.6	2842.0	2700.3	2595.6	2490.4	2377.2	2263.7	2163.1	2062.1	1999.7
10°	2858.7	2707.9	2545.3	2382.3	2248.2	2114.1	2000.5	1886.5	1810.7	1734.8	1677.4
12.5°	2678.9	2511.7	2332.8	2153.5	2019.4	1885.3	1813.2	1741.1	1678.3	1615.4	1549.2
15°	2607.7	2418.7	2235.6	2052.1	1930.1	1808.2	1728.1	1647.7	1563.5	1478.8	1397.5
17.5°	2670.6	2449.3	2250.3	2051.2	1891.6	1731.9	1620.0	1507.7	1396.7	1285.6	1191.3
20°	2866.7	2584.2	2324.0	2063.4	1850.9	1638.5	1488.4	1338.0	1195.5	1053.1	946.2
22.5°	3142.0	2768.2	2428.4	2088.5	1814.0	1539.1	1351.0	1162.4	994.0	825.5	720.8
25°	3476.4	3012.1	2578.8	2145.1	1799.0	1452.4	1221.1	989.8	812.1	634.0	559.4
27.5°	3828.8	3302.9	2765.7	2228.1	1801.5	1374.9	1111.7	848.1	688.1	528.0	476.9
30°	4122.5	3635.2	2983.6	2331.6	1811.1	1290.7	1008.6	726.6	594.6	462.6	429.5
32.5°	4391.2	3866.9	3147.9	2428.4	1822.0	1215.2	929.0	642.4	534.7	426.6	399.3
35°	4668.6	4072.7	3262.7	2452.2	1803.1	1153.6	874.5	595.5	496.1	396.4	373.4
37.5°	4974.0	4295.2	3373.3	2451.0	1771.3	1091.6	832.2	572.4	471.0	369.2	352.4
40°	5314.7	4541.2	3493.1	2445.1	1742.4	1039.2	800.8	561.9	457.2	352.0	337.7
42.5°	5647.9	4775.8	3604.6	2433.4	1718.9	1004.0	769.8	535.5	444.6	353.3	333.1
45°	5898.0	4980.7	3701.4	2421.7	1701.3	981.0	745.5	510.0	432.9	355.8	330.2
47.5°	6087.9	5186.5	3808.7	2430.5	1699.6	968.8	728.3	487.8	410.7	333.1	322.7
50°	6329.2	5433.7	3965.0	2496.2	1722.7	949.1	708.2	466.8	389.3	311.8	326.0
52.5°	6629.7	5786.6	4207.2	2627.4	1770.9	914.4	676.3	438.3	363.3	287.9	310.1
55°	7070.9	6238.7	4516.9	2794.6	1829.1	863.2	628.1	392.6	328.9	264.8	284.5
57.5°	7466.9	6695.5	4814.0	2932.0	1865.6	798.7	567.4	336.1	290.4	244.7	256.0
60°	7643.3	6931.0	4953.1	2974.8	1843.8	712.8	499.1	284.9	256.5	228.0	225.9
62.5°	7574.6	6781.4	4816.1	2850.8	1737.4	624.0	438.7	253.5	232.1	210.4	205.8
65°	7373.5	6311.2	4432.2	2553.2	1557.6	561.9	400.6	239.3	215.4	191.5	186.5
67.5°	6977.1	5642.0	3888.3	2134.6	1329.2	523.8	378.8	233.8	204.9	175.6	169.7
70°	6265.5	4836.6	3261.8	1686.6	1093.7	500.3	364.6	228.8	193.6	158.0	152.5
72.5°	5146.3	3877.8	2604.8	1331.3	914.4	497.4	362.9	228.4	184.4	140.4	135.4
75°	3684.6	2945.5	1988.4	1030.8	748.8	466.8	344.5	222.1	171.8	121.1	116.5
77.5°	2479.5	2038.6	1382.0	724.9	555.7	386.4	289.6	192.8	147.1	101.4	96.8
80°	1592.4	1410.9	926.1	441.3	360.4	279.5	207.0	134.5	107.3	79.6	75.8
82.5°	1168.3	1050.1	643.7	237.2	200.3	163.0	126.6	90.1	73.3	56.6	54.9
85°	742.5	818.8	473.9	129.1	105.6	82.1	67.9	53.6	42.3	31.0	31.0
87.5°	144.2	199.5	131.2	62.4	45.7	28.9	24.7	20.1	11.3	2.1	2.5
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



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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°	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1
2.5°	3010.4	2981.5	2952.6	2919.9	2886.8	2856.2	2825.2	2791.2	2797.5	2771.6	2745.6
5°	2505.9	2459.8	2413.3	2373.0	2332.8	2298.0	2262.8	2231.4	2258.6	2240.2	2221.8
7.5°	1936.8	1879.8	1822.4	1774.2	1726.0	1688.7	1651.0	1625.0	1651.9	1648.5	1645.2
10°	1620.0	1564.7	1509.0	1455.8	1402.5	1357.3	1311.6	1273.1	1266.3	1247.1	1227.4
12.5°	1482.6	1406.7	1330.5	1274.7	1219.0	1164.9	1110.9	1065.6	1045.1	1013.2	981.0
15°	1316.2	1226.5	1136.9	1073.6	1009.9	957.5	904.7	865.7	852.8	828.0	803.3
17.5°	1097.1	999.0	900.9	836.8	772.3	730.4	688.1	662.1	662.1	655.0	647.8
20°	839.3	751.8	664.2	615.2	566.1	543.9	521.3	510.4	513.7	514.2	514.2
22.5°	615.6	561.9	508.3	488.6	468.5	460.5	452.6	448.0	449.6	450.1	450.5
25°	484.8	464.3	443.3	433.3	422.8	417.8	412.8	411.1	414.9	415.3	415.3
27.5°	425.7	413.2	400.2	393.9	387.2	385.1	383.0	380.1	383.8	383.8	383.4
30°	396.0	382.6	369.2	361.2	353.3	354.1	354.5	353.7	356.2	357.9	359.1
32.5°	371.7	358.7	345.7	337.7	329.4	328.1	326.9	326.0	331.5	334.4	337.3
35°	349.9	335.7	321.4	313.9	306.3	303.4	300.5	298.4	303.4	307.2	310.9
37.5°	335.2	320.6	305.5	298.4	290.8	287.0	283.3	280.8	282.9	284.5	286.2
40°	323.5	308.4	292.9	284.5	276.1	272.4	268.6	266.5	267.8	268.2	268.6
42.5°	312.6	297.9	283.3	274.1	264.4	259.8	255.2	252.7	253.5	254.4	254.8
45°	304.6	290.0	274.9	264.0	252.7	247.7	242.6	239.7	240.1	240.1	240.1
47.5°	312.2	290.8	269.0	256.5	243.5	237.6	231.7	228.8	228.0	227.1	226.3
50°	339.8	303.4	266.5	250.6	234.2	228.0	221.3	217.9	215.8	215.0	214.1
52.5°	331.9	300.5	268.6	248.1	227.1	219.6	212.0	206.6	204.5	203.2	202.0
55°	303.8	284.1	264.0	239.3	214.6	207.8	200.7	197.0	193.2	192.3	191.5
57.5°	266.9	259.0	251.0	225.9	200.7	194.4	187.7	185.2	181.9	181.9	181.4
60°	223.4	235.1	246.8	217.9	188.6	181.4	174.3	172.2	171.0	170.6	170.1
62.5°	200.7	220.0	238.9	208.3	177.3	169.7	162.2	159.7	159.2	159.7	159.7
65°	181.4	187.3	193.2	178.9	164.7	157.1	149.2	146.7	147.5	148.8	150.0
67.5°	163.8	162.6	161.3	156.3	150.9	144.6	137.9	135.4	135.8	137.4	139.1
70°	147.1	145.4	143.3	139.5	135.8	130.3	124.9	123.2	122.8	124.9	126.6
72.5°	130.3	128.2	125.7	122.8	119.4	114.8	110.2	109.0	109.4	110.6	111.9
75°	111.9	110.2	108.1	105.6	102.7	98.5	94.3	93.4	94.3	95.5	96.8
77.5°	91.8	91.4	90.5	88.4	86.3	81.7	76.7	76.3	77.5	78.8	79.6
80°	71.7	72.1	72.5	70.8	69.1	64.1	58.7	58.2	59.5	60.8	62.0
82.5°	52.8	54.1	54.9	52.8	50.7	44.8	39.0	38.1	42.3	43.6	44.8
85°	30.6	32.3	33.9	32.3	30.6	24.7	18.9	18.4	22.2	24.3	26.4
87.5°	2.5	3.4	4.2	3.8	3.4	1.7	0.0	0.0	0.4	2.1	3.8
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



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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: P386617

CATALOG NUMBER: GWC-SA2B-740-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1
2.5°	2729.2	2712.9	2707.9	2702.8	2684.4	2665.5	2684.8	2703.7	2711.6	2719.6	2699.1
5°	2219.3	2216.3	2216.3	2215.9	2199.1	2182.0	2194.9	2207.5	2179.4	2151.4	2148.4
7.5°	1663.2	1681.2	1695.9	1710.1	1704.7	1699.2	1711.4	1723.5	1687.9	1651.9	1634.3
10°	1231.6	1235.3	1251.3	1267.2	1271.0	1274.3	1289.4	1304.1	1276.4	1248.7	1236.6
12.5°	960.9	940.8	942.8	944.5	952.1	959.2	975.1	990.6	979.3	967.6	968.8
15°	778.2	752.6	742.1	731.2	739.6	748.0	759.3	770.2	770.6	770.6	781.5
17.5°	635.3	622.3	611.8	600.9	612.2	623.1	624.4	625.6	626.1	626.5	625.6
20°	520.5	526.7	523.4	520.0	524.2	528.0	531.3	534.3	530.5	526.3	515.8
22.5°	456.3	461.8	466.0	469.7	476.9	483.6	480.2	476.5	468.9	460.9	453.0
25°	419.0	422.8	427.0	431.2	437.1	442.5	436.6	430.8	425.3	419.9	414.4
27.5°	387.6	391.4	395.2	398.5	404.0	409.0	403.5	398.1	393.5	388.9	384.7
30°	362.1	364.6	367.5	370.4	375.5	380.1	375.5	370.4	367.1	363.3	360.4
32.5°	340.3	342.8	344.0	345.3	349.9	354.5	351.2	347.8	344.9	341.9	339.8
35°	316.4	321.4	322.2	323.1	327.7	332.3	330.2	327.7	324.3	321.0	317.2
37.5°	292.1	297.9	301.3	304.2	308.8	313.4	311.3	309.3	304.6	300.0	293.3
40°	271.5	274.1	280.3	286.2	293.7	300.9	296.7	292.1	284.9	277.8	274.5
42.5°	254.4	253.9	259.8	265.7	277.0	287.9	280.3	272.8	266.1	259.4	258.5
45°	239.3	238.0	240.9	243.9	256.0	267.8	260.2	252.3	248.5	244.7	244.7
47.5°	225.9	225.0	227.1	228.8	236.3	243.5	239.7	235.9	233.8	231.7	232.1
50°	213.7	212.9	215.0	216.6	219.6	222.1	222.9	223.4	222.1	220.8	221.7
52.5°	202.4	202.4	203.2	203.7	207.4	211.2	211.2	210.8	210.8	210.8	211.6
55°	192.8	193.6	193.6	193.6	199.5	204.9	203.2	201.6	202.0	202.0	202.8
57.5°	183.1	184.4	185.2	186.1	191.9	197.8	196.1	194.4	194.4	194.4	194.9
60°	172.2	173.9	175.6	177.3	183.1	189.0	187.3	185.2	185.6	186.1	186.5
62.5°	161.8	163.4	165.1	166.8	172.6	178.5	176.8	174.7	176.0	176.8	176.8
65°	151.7	153.0	154.6	156.3	161.8	167.2	165.5	163.8	165.5	166.8	167.6
67.5°	140.4	141.2	142.9	144.6	150.0	155.5	153.8	151.7	153.8	155.5	157.1
70°	127.4	128.2	130.3	132.0	137.4	142.9	140.8	138.7	140.8	142.9	144.6
72.5°	113.1	114.0	116.1	117.8	124.0	130.3	127.8	125.3	127.8	130.3	131.2
75°	97.6	98.5	101.0	103.1	109.4	115.7	113.6	111.0	113.1	115.2	115.7
77.5°	80.9	82.1	85.5	88.8	93.9	98.9	97.6	96.4	97.6	98.9	98.9
80°	63.3	64.5	68.7	72.5	75.4	78.4	78.8	79.2	79.6	80.0	79.6
82.5°	46.9	48.6	52.4	56.2	56.2	56.2	59.5	62.4	62.4	62.0	61.6
85°	28.9	31.0	34.4	37.7	35.6	33.5	39.0	44.0	44.0	43.6	42.7
87.5°	5.9	8.0	11.3	14.2	12.2	10.1	15.5	21.0	21.4	21.4	20.5
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: P386617
 CATALOG NUMBER: GWC-SA2B-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: P386617

CATALOG NUMBER: GWC-SA2B-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1
2.5°	2678.1	2710.8	2743.1	2751.4	2764.0	2769.5	2774.5	2815.6	2856.2	2904.0	2951.7
5°	2145.1	2169.4	2193.7	2197.5	2210.5	2217.2	2223.9	2273.7	2323.2	2389.8	2456.4
7.5°	1616.7	1622.5	1628.4	1627.6	1638.5	1653.1	1667.4	1720.6	1773.4	1845.0	1916.3
10°	1224.4	1237.9	1250.8	1263.0	1286.9	1314.5	1341.8	1396.3	1450.7	1521.5	1591.9
12.5°	970.1	985.6	1000.7	1014.1	1041.7	1078.6	1115.1	1180.4	1245.8	1330.5	1414.7
15°	792.0	790.7	789.5	798.7	823.0	863.2	903.0	972.2	1041.3	1134.3	1227.0
17.5°	624.8	618.5	612.2	619.3	642.0	675.1	707.8	766.4	824.7	914.8	1004.9
20°	505.4	501.2	497.0	503.7	517.9	531.8	545.6	587.9	629.8	703.2	776.1
22.5°	444.6	444.2	443.3	447.1	453.8	460.9	467.7	488.2	508.3	555.7	602.6
25°	409.0	408.6	408.1	409.8	415.3	420.7	426.2	439.6	453.0	475.6	498.2
27.5°	380.5	379.7	378.8	379.2	380.5	388.9	396.8	403.1	409.0	424.5	439.6
30°	357.4	357.0	356.6	356.6	355.3	358.3	361.2	370.9	380.1	396.0	411.9
32.5°	337.7	335.7	333.6	328.9	326.0	330.2	334.4	344.5	354.5	369.2	383.8
35°	313.0	307.6	301.7	299.2	299.6	303.8	308.0	318.1	327.7	343.6	359.1
37.5°	286.2	284.5	282.4	282.0	283.3	287.5	291.7	300.5	308.8	324.8	340.3
40°	271.1	270.3	269.4	268.6	269.4	273.6	277.8	286.2	294.2	309.7	324.8
42.5°	257.7	257.3	256.9	256.9	257.3	261.9	266.5	274.9	282.9	296.7	310.5
45°	244.7	245.1	245.1	246.0	247.2	251.8	256.0	265.3	274.5	287.9	301.3
47.5°	232.6	233.8	234.7	236.8	238.0	243.0	247.7	257.7	267.8	284.5	300.9
50°	222.1	223.4	224.2	225.9	229.2	235.1	240.9	253.1	264.8	292.9	320.6
52.5°	212.5	213.7	215.0	216.6	220.8	227.5	234.2	249.3	264.0	296.7	329.4
55°	203.7	204.9	205.8	208.3	212.5	218.3	223.8	242.2	260.6	284.5	308.4
57.5°	195.3	196.5	197.4	199.0	201.1	207.4	213.3	233.0	252.7	269.4	285.8
60°	186.5	187.3	187.7	187.7	189.4	196.5	203.7	228.8	253.5	250.6	247.2
62.5°	176.8	177.7	178.1	176.8	178.9	186.5	194.0	226.7	259.4	239.3	219.2
65°	168.0	167.6	167.2	165.9	168.5	176.0	183.1	199.5	215.8	207.8	199.9
67.5°	158.4	157.1	155.9	154.2	156.7	163.4	169.7	175.2	180.6	181.4	182.3
70°	146.2	144.6	142.9	142.5	143.7	149.2	154.6	158.4	161.8	163.4	164.7
72.5°	132.0	130.7	129.5	128.6	129.1	133.7	137.9	141.2	144.6	145.8	146.7
75°	116.1	116.1	115.7	113.1	113.1	116.9	120.3	123.2	126.1	127.8	129.5
77.5°	98.9	99.3	99.3	96.0	95.5	99.3	102.7	105.2	107.3	109.0	110.2
80°	79.2	78.4	77.5	75.4	74.6	79.2	83.4	85.5	87.2	87.6	87.6
82.5°	60.8	59.1	57.0	52.4	52.8	57.8	62.4	64.1	65.8	65.8	65.8
85°	41.5	38.1	34.4	30.6	31.0	36.5	41.5	43.2	44.8	45.7	46.1
87.5°	19.7	16.3	12.6	9.6	9.6	14.2	18.4	19.3	20.1	21.8	23.5
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: P386617
 CATALOG NUMBER: GWC-SA2B-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: P386617

CATALOG NUMBER: GWC-SA2B-740-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1
2.5°	2988.2	3024.2	3061.5	3098.8	3141.6	3184.3	3234.2	3283.6	3325.9	3368.3	3403.5
5°	2513.8	2571.2	2638.7	2706.2	2792.1	2878.0	2983.2	3087.9	3181.4	3274.8	3383.4
7.5°	1991.3	2065.9	2153.9	2241.9	2352.9	2464.0	2600.2	2736.4	2868.4	2999.9	3166.7
10°	1670.3	1748.7	1835.4	1921.7	2034.9	2147.6	2291.7	2435.5	2583.8	2731.7	2920.3
12.5°	1501.9	1588.6	1664.9	1741.1	1832.9	1924.2	2063.8	2203.3	2377.7	2551.6	2733.0
15°	1322.1	1416.8	1508.1	1599.5	1699.6	1799.4	1935.1	2070.9	2261.6	2452.2	2660.9
17.5°	1104.6	1204.3	1315.8	1426.8	1557.6	1687.9	1861.8	2035.7	2261.6	2487.0	2733.0
20°	877.9	979.7	1113.0	1246.2	1408.8	1571.0	1796.4	2021.9	2326.1	2629.9	2943.8
22.5°	692.7	782.4	927.8	1072.8	1260.5	1448.2	1737.4	2026.1	2423.7	2821.0	3244.7
25°	561.5	624.8	767.7	910.2	1126.8	1343.5	1701.3	2058.8	2565.8	3072.4	3597.9
27.5°	481.1	522.5	655.8	788.6	1025.4	1261.7	1686.6	2111.1	2746.0	3380.8	3982.2
30°	440.8	469.7	582.5	694.8	935.3	1175.8	1669.0	2162.3	2919.5	3676.3	4282.6
32.5°	407.3	430.4	526.7	622.7	857.4	1092.0	1635.1	2177.8	3040.6	3903.4	4537.0
35°	378.8	398.1	481.9	565.7	796.2	1026.7	1578.1	2129.6	3116.4	4103.3	4801.8
37.5°	355.8	370.9	448.4	525.9	743.4	960.9	1513.2	2065.5	3183.9	4302.3	5099.8
40°	337.7	350.7	423.2	495.7	693.1	890.5	1457.4	2024.0	3276.9	4529.9	5414.5
42.5°	327.7	344.5	401.4	458.0	645.3	832.6	1412.6	1992.6	3363.2	4733.5	5689.8
45°	325.2	349.1	390.1	431.2	609.7	788.2	1372.8	1956.9	3419.0	4881.0	5897.2
47.5°	321.0	340.7	381.3	422.0	592.1	761.8	1351.4	1940.6	3474.7	5008.4	6069.4
50°	323.5	326.0	374.2	422.0	589.6	757.2	1375.7	1994.2	3595.4	5196.1	6266.4
52.5°	318.9	308.0	360.8	413.6	589.2	764.8	1445.7	2126.6	3819.6	5512.1	6479.7
55°	294.6	280.3	335.7	391.0	580.4	769.4	1529.1	2288.4	4120.5	5952.1	6863.1
57.5°	273.2	260.2	307.2	353.7	553.6	753.4	1615.0	2476.1	4438.5	6400.5	7295.1
60°	244.7	241.8	275.3	308.8	512.1	714.9	1685.8	2656.3	4652.2	6647.7	7461.5
62.5°	221.3	222.9	247.7	272.4	460.1	647.4	1709.3	2770.7	4646.4	6522.0	7293.9
65°	203.2	206.2	230.5	254.8	415.7	576.6	1632.2	2687.3	4411.3	6134.8	6962.4
67.5°	185.6	189.0	217.9	246.4	376.3	505.8	1439.4	2372.6	3988.5	5603.9	6540.8
70°	168.9	173.1	204.5	235.9	347.8	459.3	1190.9	1922.6	3459.2	4995.4	6052.7
72.5°	150.9	155.0	188.6	222.1	329.8	437.1	970.9	1504.4	2807.2	4109.6	5177.3
75°	132.4	135.4	171.8	207.8	305.1	402.3	761.8	1120.9	2148.4	3175.9	3910.5
77.5°	114.0	117.8	148.3	178.5	259.0	339.0	574.1	809.2	1576.4	2343.3	2719.6
80°	90.9	94.3	116.1	137.4	199.9	261.9	394.7	527.6	1084.9	1642.2	1854.3
82.5°	69.6	73.3	88.0	102.2	142.5	182.7	239.3	295.8	720.8	1145.2	1162.8
85°	47.8	49.0	59.5	69.6	88.0	106.4	137.0	167.6	476.9	786.1	655.0
87.5°	23.9	23.9	31.0	38.1	47.4	56.6	72.5	88.0	152.5	217.1	124.9
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: P386617
 CATALOG NUMBER: GWC-SA2B-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: P386617

CATALOG NUMBER: GWC-SA2B-740-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1
2.5°	3448.3	3478.9	3509.9	3533.4	3557.3	3591.6	3626.0	3632.3	3639.0	3625.6	3612.2
5°	3492.7	3585.3	3678.4	3764.3	3850.2	3901.7	3953.3	3963.7	3974.2	3941.9	3909.3
7.5°	3328.0	3489.4	3650.7	3798.6	3946.5	4036.2	4126.3	4146.4	4167.0	4114.2	4061.4
10°	3108.0	3306.3	3504.5	3699.3	3894.2	4024.5	4154.8	4180.8	4206.8	4141.0	4075.2
12.5°	2937.9	3149.5	3361.1	3566.5	3772.2	3907.2	4042.1	4074.4	4106.6	4058.9	4010.7
15°	2885.5	3084.6	3283.6	3462.6	3641.9	3752.1	3862.7	3875.7	3889.1	3881.6	3874.1
17.5°	2980.7	3160.4	3340.6	3437.8	3535.5	3579.5	3623.9	3638.1	3652.8	3671.7	3690.9
20°	3211.1	3337.7	3464.6	3460.5	3455.8	3434.5	3412.7	3408.9	3405.1	3459.2	3513.7
22.5°	3555.2	3605.4	3656.2	3538.4	3420.6	3349.0	3276.9	3262.7	3248.0	3305.4	3363.2
25°	3928.5	3919.3	3909.7	3685.5	3460.9	3324.3	3187.7	3171.7	3155.8	3204.8	3254.3
27.5°	4298.1	4237.8	4177.4	3872.8	3568.2	3369.9	3171.7	3155.8	3139.9	3183.5	3227.1
30°	4569.2	4472.4	4375.6	4030.8	3685.9	3450.4	3214.9	3188.9	3162.5	3216.2	3269.8
32.5°	4780.9	4651.0	4521.1	4159.0	3797.0	3542.2	3287.4	3246.7	3206.1	3277.8	3349.4
35°	4992.1	4809.4	4626.2	4273.4	3920.1	3650.7	3380.8	3331.0	3281.1	3379.6	3478.1
37.5°	5257.7	4995.4	4732.7	4402.0	4071.4	3813.3	3554.7	3503.6	3452.5	3577.8	3703.5
40°	5546.0	5196.1	4846.2	4542.8	4239.5	4038.3	3836.8	3788.2	3739.1	3891.7	4044.2
42.5°	5785.7	5383.0	4980.3	4712.6	4444.4	4302.7	4160.7	4160.3	4159.4	4314.0	4468.7
45°	5980.6	5538.9	5096.8	4878.1	4658.9	4585.2	4511.4	4570.5	4629.6	4769.1	4909.1
47.5°	6126.0	5669.7	5212.9	5067.5	4922.1	4933.0	4943.9	5064.1	5184.4	5274.1	5364.2
50°	6220.7	5788.2	5355.4	5310.5	5265.7	5363.3	5461.4	5599.3	5737.5	5798.7	5859.9
52.5°	6358.6	5949.2	5539.3	5589.6	5639.9	5839.4	6038.8	6178.4	6317.9	6340.5	6363.6
55°	6677.5	6245.0	5812.1	5908.5	6005.3	6297.8	6590.7	6699.7	6808.6	6817.0	6825.4
57.5°	7130.4	6659.4	6188.4	6292.4	6396.3	6734.0	7072.2	7189.5	7307.3	7290.9	7274.2
60°	7469.4	7052.9	6636.0	6740.7	6845.5	7174.9	7504.2	7639.2	7774.5	7738.5	7702.4
62.5°	7490.4	7267.9	7045.0	7139.7	7234.8	7557.4	7880.1	8018.8	8157.5	8094.7	8031.8
65°	7157.3	7257.0	7356.7	7388.2	7419.6	7720.5	8021.7	8127.8	8234.2	8202.4	8170.5
67.5°	6698.4	7065.9	7433.8	7370.6	7307.3	7448.5	7589.7	7699.1	7808.5	7790.4	7772.0
70°	6240.4	6731.1	7221.8	6910.9	6599.5	6541.3	6483.0	6600.8	6718.9	6646.0	6572.7
72.5°	5460.6	5983.5	6506.9	5934.1	5361.2	5162.2	4963.1	5112.7	5262.3	5146.3	5029.8
75°	4286.4	4864.3	5442.5	4759.1	4075.6	3809.9	3544.3	3672.9	3801.6	3721.9	3641.9
77.5°	3191.0	3760.5	4330.0	3635.2	2940.0	2742.6	2544.8	2583.0	2621.5	2608.1	2594.3
80°	2164.4	2561.2	2958.4	2495.8	2033.2	2048.3	2063.8	2045.8	2027.3	2054.1	2081.0
82.5°	1381.2	1687.5	1994.2	1748.7	1503.1	1643.9	1784.7	1715.6	1646.0	1671.6	1697.5
85°	788.2	1087.8	1387.9	1293.6	1198.9	1281.0	1363.6	1256.3	1149.0	1195.9	1243.3
87.5°	207.8	601.7	996.1	904.3	812.5	706.1	599.7	457.6	315.5	460.9	606.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386617
 CATALOG NUMBER: GWC-SA2B-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: P386617

CATALOG NUMBER: GWC-SA2B-740-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1
2.5°	3605.0	3597.9	3572.3	3546.4	3507.8	3476.0	3420.6
5°	3864.0	3818.7	3740.8	3662.4	3575.3	3475.1	3364.1
7.5°	3955.8	3849.7	3700.2	3550.1	3415.2	3256.8	3109.3
10°	3916.8	3758.0	3563.5	3368.7	3204.8	3022.6	2858.7
12.5°	3842.2	3673.3	3459.2	3244.7	3058.2	2862.5	2678.9
15°	3739.5	3604.6	3403.9	3203.2	3015.4	2825.2	2607.7
17.5°	3627.2	3563.1	3418.1	3272.7	3110.1	2925.8	2670.6
20°	3536.7	3560.2	3502.4	3444.5	3314.2	3153.3	2866.7
22.5°	3475.5	3588.3	3632.7	3677.5	3599.2	3473.4	3142.0
25°	3441.2	3628.1	3776.8	3926.0	3891.2	3794.4	3476.4
27.5°	3456.3	3685.5	3916.4	4147.7	4180.0	4153.1	3828.8
30°	3501.5	3733.7	4014.9	4296.5	4425.1	4461.1	4122.5
32.5°	3577.0	3804.5	4110.8	4417.6	4612.0	4726.8	4391.2
35°	3690.9	3903.8	4223.1	4542.4	4793.9	5003.4	4668.6
37.5°	3886.6	4069.7	4364.3	4659.3	4985.4	5300.1	4974.0
40°	4173.3	4302.7	4551.6	4801.0	5211.2	5636.1	5314.7
42.5°	4534.9	4601.5	4798.9	4996.3	5447.1	5941.2	5647.9
45°	4926.7	4944.3	5068.3	5192.8	5634.0	6149.0	5898.0
47.5°	5303.8	5243.5	5292.9	5342.4	5777.3	6297.4	6087.9
50°	5691.9	5523.8	5497.8	5471.9	5920.7	6472.1	6329.2
52.5°	6086.6	5809.6	5706.9	5603.9	6091.6	6703.9	6629.7
55°	6473.0	6120.5	5982.3	5844.0	6353.1	6986.7	7070.9
57.5°	6874.8	6475.5	6347.2	6219.0	6737.4	7345.0	7466.9
60°	7307.3	6911.7	6809.0	6705.9	7215.1	7732.2	7643.3
62.5°	7717.5	7403.2	7349.2	7294.7	7698.2	8029.7	7574.6
65°	7991.6	7812.2	7862.5	7913.2	8063.6	8103.9	7373.5
67.5°	7808.5	7844.9	8057.4	8270.2	8166.7	7883.5	6977.1
70°	6791.0	7009.8	7513.0	8016.7	7787.1	7293.0	6265.5
72.5°	5275.3	5521.3	6268.5	7016.0	6804.4	6199.3	5146.3
75°	3919.3	4197.1	5021.8	5846.5	5552.7	4637.1	3684.6
77.5°	2780.4	2966.4	3780.6	4595.2	4116.3	3086.7	2479.5
80°	2024.0	1967.0	2420.8	2874.6	2795.0	2041.6	1592.4
82.5°	1558.4	1419.3	1633.0	1846.7	1835.0	1416.8	1168.3
85°	1187.6	1131.8	1320.8	1509.8	1348.1	959.6	742.5
87.5°	692.3	778.6	1001.1	1224.0	918.5	291.2	144.2
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: P386617

CATALOG NUMBER: GWC-SA2B-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

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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

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Signify Classified - Internal
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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





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

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





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

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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