

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: P385665

Luminaire Tested: **GWC-SA1B-727-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P385665
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-SA1B-727-U-SLR
Description: GALLEON WALL LUMINAIRE
(1) 70 CRI, 2700K, 800mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4487 lumens
Efficiency: N/A
Efficacy: 102.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G2

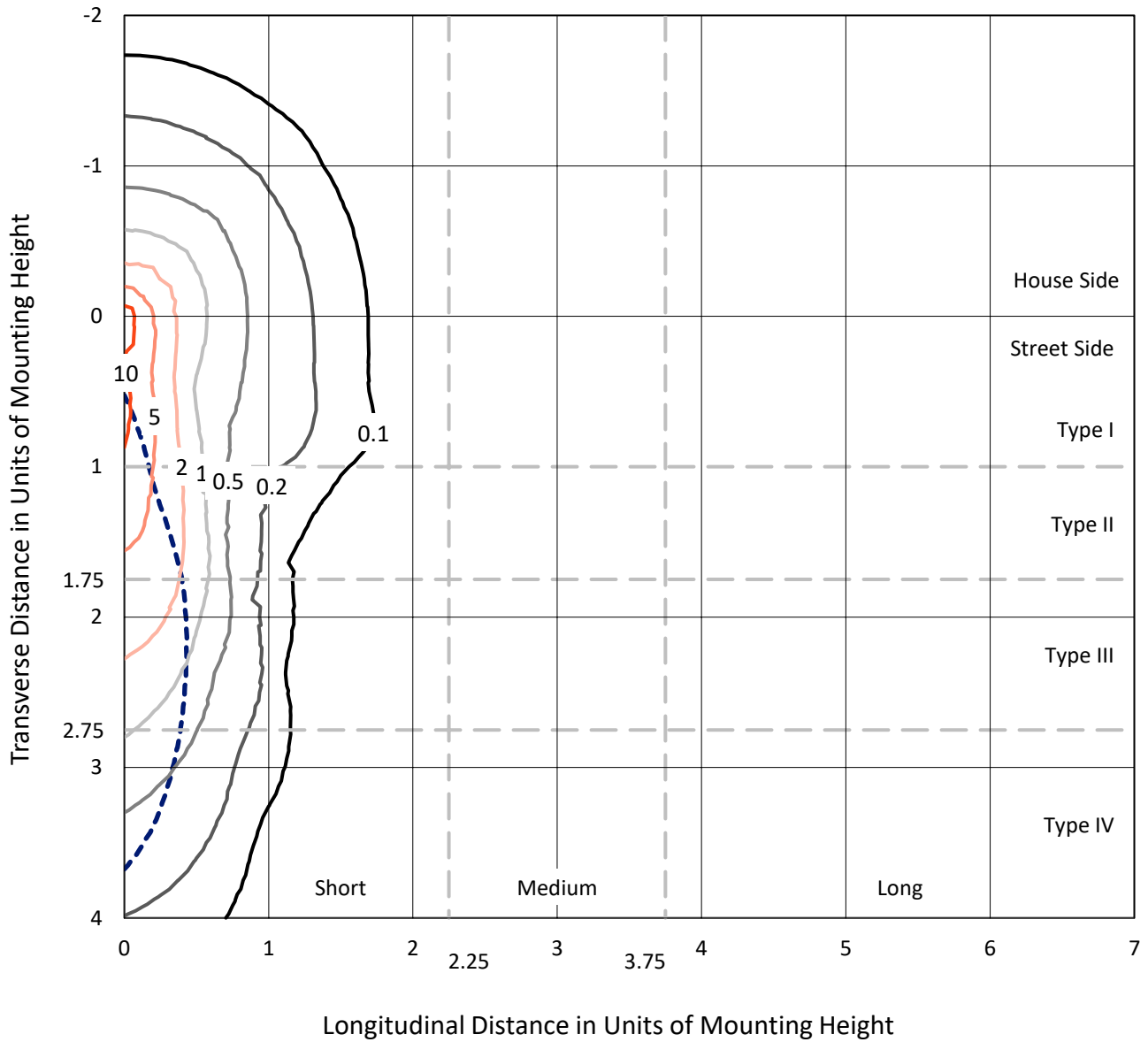
Input Watts (W): 44
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

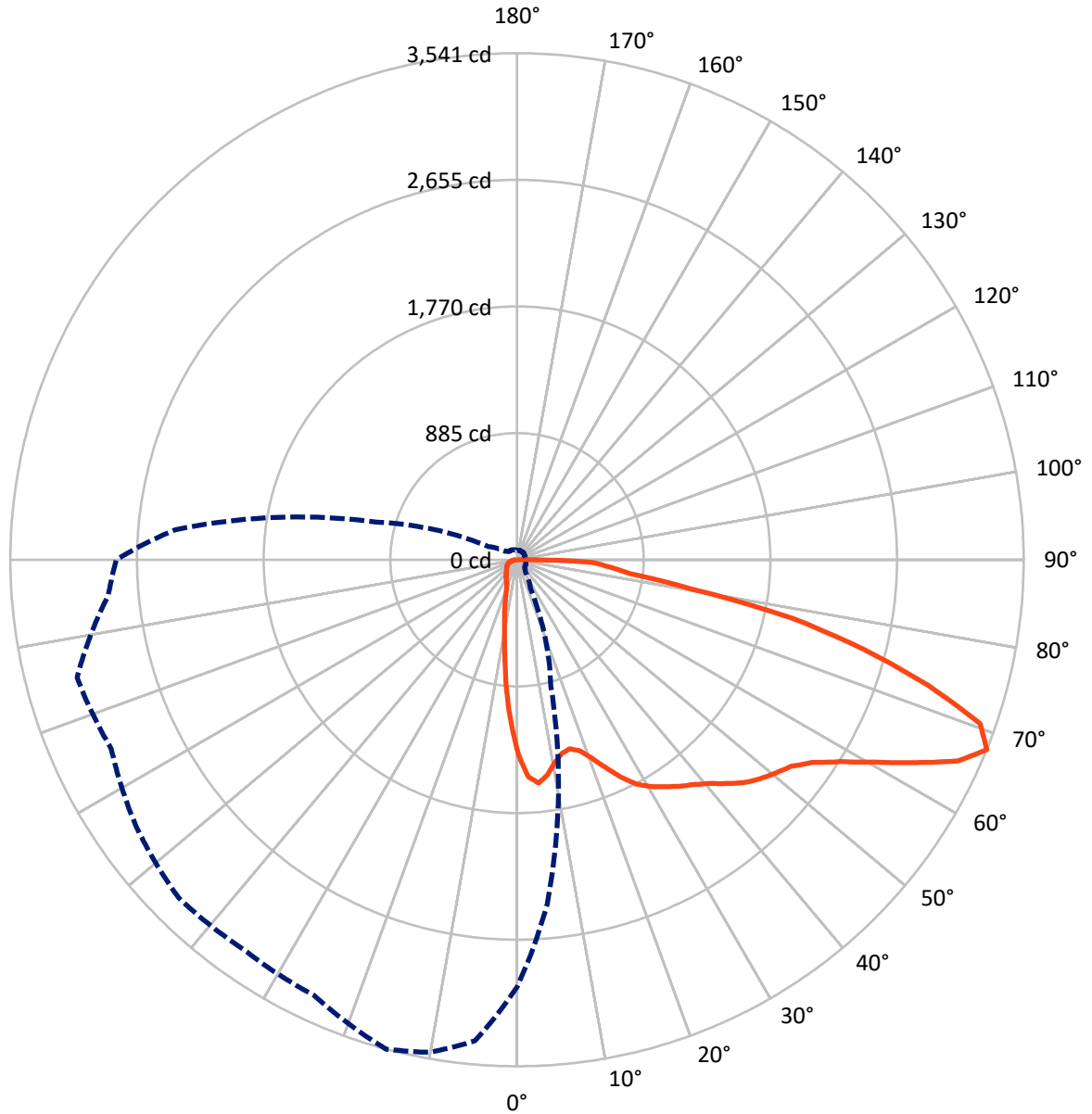
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 13.7 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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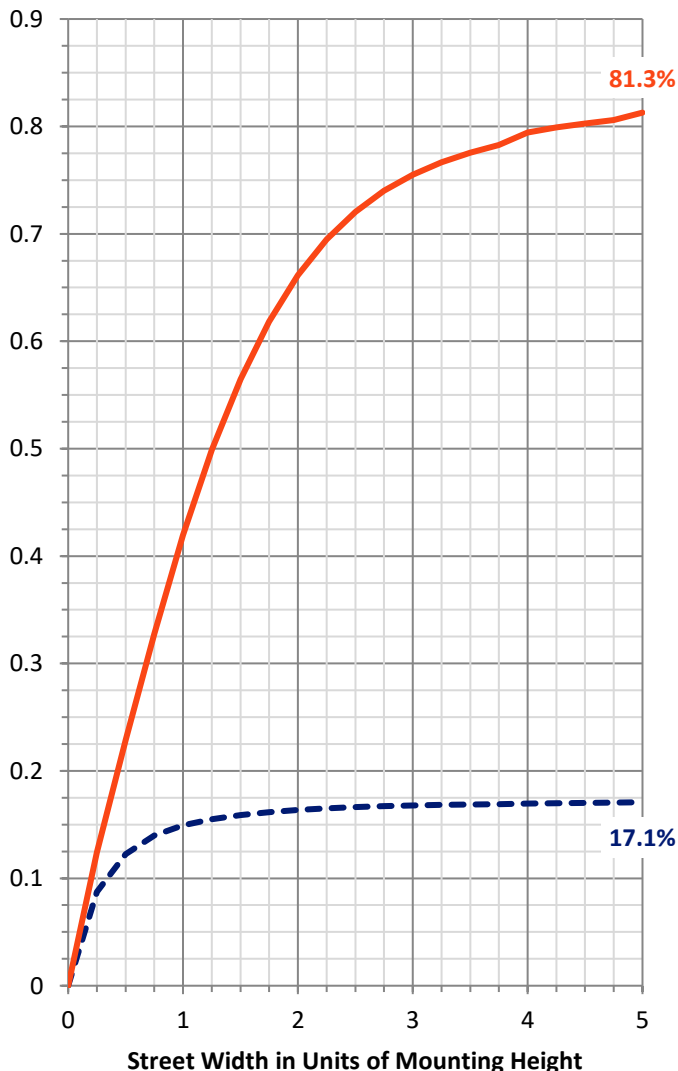
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	775.7	0.0	775.7
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	3711.3	0.0	3711.3
	% Fixture	82.7	0.0	82.7
Total	Lumens	4487.0	0.0	4487.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.5	2.4
10°-20°	219.2	4.9
20°-30°	311.7	6.9
30°-40°	449.2	10.0
40°-50°	633.0	14.1
50°-60°	880.0	19.6
60°-70°	1064.2	23.7
70°-80°	654.1	14.6
80°-90°	170.2	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°	4487.0	100.0
0°-180°	4487.0	100.0

Coefficient of Utilization



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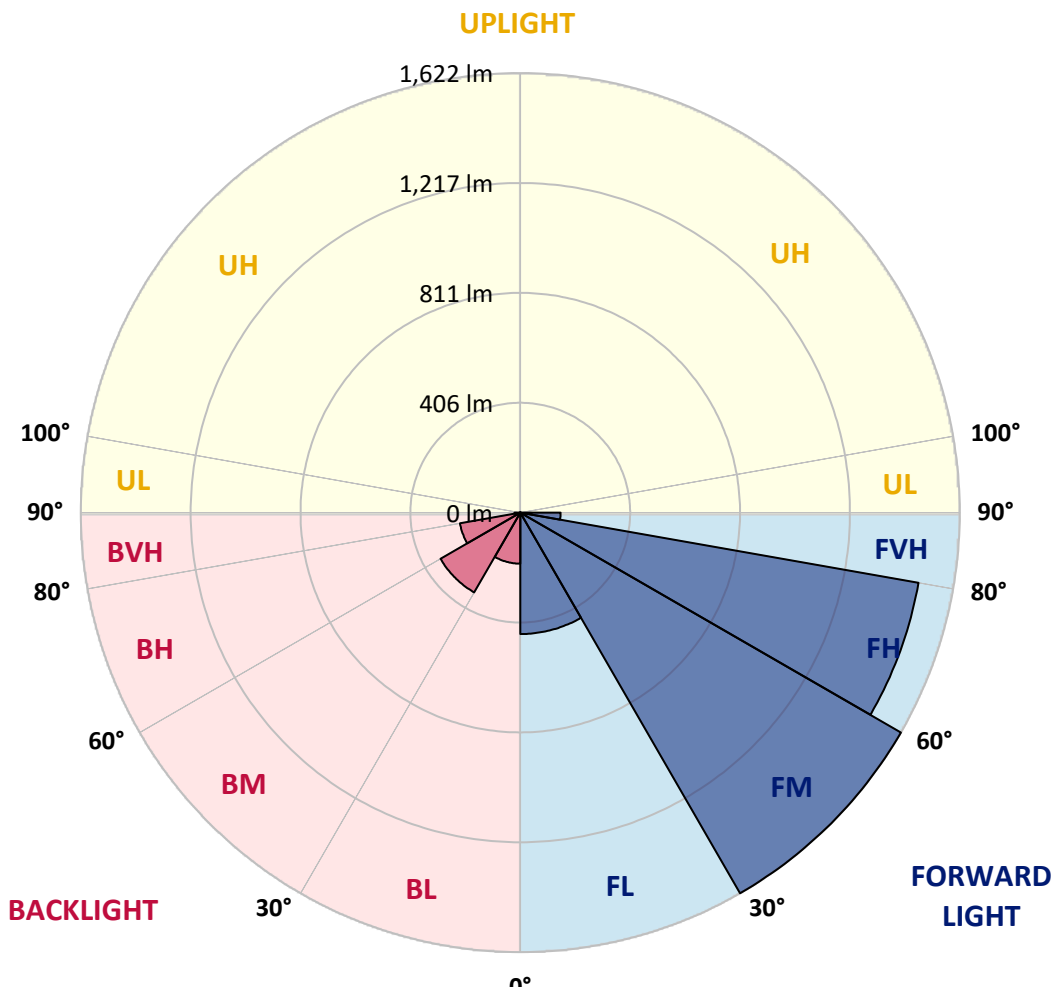
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	448.0	10.0			
FM (30°-60°)	1622.2	36.2			
FH (60°-80°)	1492.2	33.3			G1/1800
FVH (80°-90°)	148.9	3.3			G2/225
BL (0°-30°)	188.3	4.2	B1/500		
BM (30°-60°)	340.0	7.6	B1/1000		
BH (60°-80°)	226.1	5.0	B1/500		G1/500
BVH (80°-90°)	21.3	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0
2.5°	1464.4	1451.5	1431.9	1412.4	1397.9	1383.1	1366.5	1349.8	1330.8	1311.6	1300.3
5°	1440.2	1404.3	1357.7	1311.0	1280.2	1249.3	1214.3	1179.3	1144.7	1110.1	1091.4
7.5°	1331.1	1277.3	1216.7	1156.0	1111.2	1066.1	1017.7	969.1	926.0	882.8	856.1
10°	1223.8	1159.3	1089.6	1019.9	962.5	905.1	856.4	807.6	775.2	742.7	718.1
12.5°	1146.9	1075.3	998.7	921.9	864.5	807.1	776.2	745.4	718.5	691.6	663.2
15°	1116.4	1035.5	957.1	878.5	826.3	774.1	739.8	705.4	669.3	633.1	598.3
17.5°	1143.3	1048.6	963.4	878.1	809.8	741.4	693.5	645.5	597.9	550.4	510.0
20°	1227.2	1106.3	994.9	883.3	792.4	701.4	637.2	572.8	511.8	450.8	405.1
22.5°	1345.1	1185.1	1039.6	894.1	776.6	658.9	578.4	497.6	425.5	353.4	308.6
25°	1488.3	1289.5	1104.0	918.3	770.1	621.8	522.8	423.7	347.7	271.4	239.5
27.5°	1639.1	1414.0	1184.0	953.8	771.2	588.6	475.9	363.1	294.6	226.0	204.2
30°	1764.9	1556.3	1277.3	998.2	775.3	552.5	431.8	311.1	254.6	198.1	183.9
32.5°	1879.9	1655.5	1347.6	1039.6	780.0	520.2	397.7	275.0	228.9	182.6	171.0
35°	1998.6	1743.5	1396.8	1049.8	771.9	493.9	374.4	254.9	212.4	169.7	159.8
37.5°	2129.4	1838.8	1444.1	1049.3	758.3	467.3	356.3	245.1	201.6	158.0	150.9
40°	2275.3	1944.1	1495.4	1046.8	745.9	444.9	342.8	240.6	195.7	150.7	144.6
42.5°	2417.9	2044.6	1543.2	1041.8	735.9	429.8	329.5	229.3	190.3	151.2	142.6
45°	2525.0	2132.3	1584.6	1036.7	728.3	420.0	319.1	218.3	185.3	152.3	141.4
47.5°	2606.3	2220.4	1630.5	1040.5	727.6	414.8	311.8	208.8	175.8	142.6	138.1
50°	2709.6	2326.2	1697.4	1068.7	737.5	406.3	303.2	199.8	166.7	133.5	139.6
52.5°	2838.2	2477.3	1801.1	1124.8	758.1	391.4	289.5	187.6	155.5	123.2	132.8
55°	3027.1	2670.8	1933.7	1196.4	783.1	369.6	268.9	168.1	140.8	113.4	121.8
57.5°	3196.7	2866.4	2060.9	1255.2	798.7	341.9	242.9	143.9	124.3	104.8	109.6
60°	3272.2	2967.2	2120.5	1273.5	789.3	305.2	213.7	122.0	109.8	97.6	96.7
62.5°	3242.8	2903.2	2061.8	1220.4	743.8	267.1	187.8	108.5	99.4	90.1	88.1
65°	3156.6	2701.9	1897.5	1093.1	666.8	240.6	171.5	102.4	92.2	82.0	79.8
67.5°	2986.9	2415.4	1664.6	913.8	569.0	224.2	162.2	100.1	87.7	75.2	72.7
70°	2682.3	2070.6	1396.4	722.1	468.2	214.2	156.1	98.0	82.9	67.6	65.3
72.5°	2203.2	1660.1	1115.1	569.9	391.4	212.9	155.4	97.8	78.9	60.1	57.9
75°	1577.4	1261.0	851.2	441.3	320.6	199.8	147.5	95.1	73.6	51.8	49.9
77.5°	1061.5	872.8	591.6	310.4	237.9	165.4	124.0	82.5	63.0	43.4	41.4
80°	681.7	604.0	396.5	188.9	154.3	119.7	88.6	57.6	45.9	34.1	32.5
82.5°	500.2	449.6	275.6	101.5	85.8	69.8	54.2	38.6	31.4	24.2	23.5
85°	317.9	350.5	202.9	55.3	45.2	35.2	29.1	23.0	18.1	13.3	13.3
87.5°	61.7	85.4	56.2	26.7	19.6	12.4	10.6	8.6	4.8	0.9	1.1
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



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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°	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0
2.5°	1288.8	1276.4	1264.0	1250.0	1235.9	1222.8	1209.5	1195.0	1197.6	1186.5	1175.4
5°	1072.8	1053.1	1033.1	1015.9	998.7	983.8	968.7	955.3	966.9	959.0	951.2
7.5°	829.2	804.8	780.2	759.6	738.9	723.0	706.8	695.7	707.2	705.7	704.3
10°	693.5	669.9	646.0	623.2	600.4	581.1	561.5	545.0	542.1	533.9	525.5
12.5°	634.7	602.2	569.6	545.7	521.9	498.7	475.6	456.2	447.4	433.8	420.0
15°	563.5	525.1	486.7	459.6	432.3	409.9	387.3	370.6	365.1	354.5	343.9
17.5°	469.7	427.7	385.7	358.3	330.6	312.7	294.6	283.4	283.4	280.4	277.3
20°	359.3	321.8	284.3	263.4	242.4	232.9	223.2	218.5	219.9	220.1	220.1
22.5°	263.5	240.6	217.6	209.2	200.6	197.2	193.7	191.8	192.5	192.7	192.9
25°	207.6	198.8	189.8	185.5	181.0	178.9	176.7	176.0	177.6	177.8	177.8
27.5°	182.3	176.9	171.3	168.6	165.8	164.9	164.0	162.7	164.3	164.3	164.1
30°	169.5	163.8	158.0	154.6	151.2	151.6	151.8	151.4	152.5	153.2	153.7
32.5°	159.1	153.6	148.0	144.6	141.0	140.5	139.9	139.6	141.9	143.2	144.4
35°	149.8	143.7	137.6	134.4	131.1	129.9	128.6	127.7	129.9	131.5	133.1
37.5°	143.5	137.2	130.8	127.7	124.5	122.9	121.3	120.2	121.1	121.8	122.5
40°	138.5	132.0	125.4	121.8	118.2	116.6	115.0	114.1	114.6	114.8	115.0
42.5°	133.8	127.6	121.3	117.3	113.2	111.2	109.3	108.2	108.5	108.9	109.1
45°	130.4	124.1	117.7	113.0	108.2	106.0	103.9	102.6	102.8	102.8	102.8
47.5°	133.6	124.5	115.2	109.8	104.2	101.7	99.2	98.0	97.6	97.2	96.9
50°	145.5	129.9	114.1	107.3	100.3	97.6	94.7	93.3	92.4	92.0	91.7
52.5°	142.1	128.6	115.0	106.2	97.2	94.0	90.8	88.4	87.5	87.0	86.5
55°	130.1	121.6	113.0	102.4	91.9	89.0	85.9	84.3	82.7	82.3	82.0
57.5°	114.3	110.9	107.5	96.7	85.9	83.2	80.4	79.3	77.9	77.9	77.7
60°	95.6	100.6	105.7	93.3	80.7	77.7	74.6	73.7	73.2	73.0	72.8
62.5°	85.9	94.2	102.3	89.2	75.9	72.7	69.4	68.3	68.2	68.3	68.3
65°	77.7	80.2	82.7	76.6	70.5	67.3	63.9	62.8	63.1	63.7	64.2
67.5°	70.1	69.6	69.1	66.9	64.6	61.9	59.0	57.9	58.1	58.8	59.6
70°	63.0	62.3	61.4	59.7	58.1	55.8	53.5	52.7	52.6	53.5	54.2
72.5°	55.8	54.9	53.8	52.6	51.1	49.2	47.2	46.6	46.8	47.4	47.9
75°	47.9	47.2	46.3	45.2	44.0	42.2	40.4	40.0	40.4	40.9	41.4
77.5°	39.3	39.1	38.7	37.9	37.0	35.0	32.8	32.7	33.2	33.7	34.1
80°	30.7	30.9	31.0	30.3	29.6	27.4	25.1	24.9	25.5	26.0	26.6
82.5°	22.6	23.1	23.5	22.6	21.7	19.2	16.7	16.3	18.1	18.7	19.2
85°	13.1	13.8	14.5	13.8	13.1	10.6	8.1	7.9	9.5	10.4	11.3
87.5°	1.1	1.4	1.8	1.6	1.4	0.7	0.0	0.0	0.2	0.9	1.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385665

CATALOG NUMBER: GWC-SA1B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0
2.5°	1168.4	1161.4	1159.3	1157.1	1149.2	1141.1	1149.4	1157.5	1160.9	1164.3	1155.5
5°	950.1	948.8	948.8	948.6	941.5	934.1	939.7	945.1	933.0	921.0	919.8
7.5°	712.0	719.7	726.0	732.1	729.8	727.4	732.7	737.9	722.6	707.2	699.6
10°	527.2	528.9	535.7	542.5	544.1	545.5	552.0	558.3	546.4	534.6	529.4
12.5°	411.4	402.7	403.6	404.4	407.6	410.6	417.5	424.1	419.2	414.2	414.8
15°	333.1	322.2	317.7	313.0	316.6	320.2	325.1	329.7	329.9	329.9	334.6
17.5°	272.0	266.4	261.9	257.3	262.1	266.8	267.3	267.8	268.0	268.2	267.8
20°	222.8	225.5	224.1	222.6	224.4	226.0	227.5	228.7	227.1	225.3	220.8
22.5°	195.4	197.7	199.5	201.1	204.2	207.0	205.6	204.0	200.7	197.3	193.9
25°	179.4	181.0	182.8	184.6	187.1	189.4	186.9	184.4	182.1	179.8	177.4
27.5°	165.9	167.6	169.2	170.6	172.9	175.1	172.8	170.4	168.5	166.5	164.7
30°	155.0	156.1	157.3	158.6	160.7	162.7	160.7	158.6	157.2	155.5	154.3
32.5°	145.7	146.7	147.3	147.8	149.8	151.8	150.3	148.9	147.6	146.4	145.5
35°	135.4	137.6	138.0	138.3	140.3	142.3	141.4	140.3	138.9	137.4	135.8
37.5°	125.0	127.6	129.0	130.2	132.2	134.2	133.3	132.4	130.4	128.4	125.6
40°	116.2	117.3	120.0	122.5	125.8	128.8	127.0	125.0	122.0	118.9	117.5
42.5°	108.9	108.7	111.2	113.7	118.6	123.2	120.0	116.8	113.9	111.0	110.7
45°	102.4	101.9	103.2	104.4	109.6	114.6	111.4	108.0	106.4	104.8	104.8
47.5°	96.7	96.3	97.2	98.0	101.2	104.2	102.6	101.0	100.1	99.2	99.4
50°	91.5	91.1	92.0	92.7	94.0	95.1	95.4	95.6	95.1	94.5	94.9
52.5°	86.6	86.6	87.0	87.2	88.8	90.4	90.4	90.2	90.2	90.2	90.6
55°	82.5	82.9	82.9	82.9	85.4	87.7	87.0	86.3	86.5	86.5	86.8
57.5°	78.4	78.9	79.3	79.7	82.2	84.7	84.0	83.2	83.2	83.2	83.4
60°	73.7	74.4	75.2	75.9	78.4	80.9	80.2	79.3	79.5	79.7	79.8
62.5°	69.2	70.0	70.7	71.4	73.9	76.4	75.7	74.8	75.3	75.7	75.7
65°	64.9	65.5	66.2	66.9	69.2	71.6	70.9	70.1	70.9	71.4	71.8
67.5°	60.1	60.5	61.2	61.9	64.2	66.6	65.8	64.9	65.8	66.6	67.3
70°	54.5	54.9	55.8	56.5	58.8	61.2	60.3	59.4	60.3	61.2	61.9
72.5°	48.4	48.8	49.7	50.4	53.1	55.8	54.7	53.6	54.7	55.8	56.2
75°	41.8	42.2	43.2	44.1	46.8	49.5	48.6	47.5	48.4	49.3	49.5
77.5°	34.6	35.2	36.6	38.0	40.2	42.3	41.8	41.3	41.8	42.3	42.3
80°	27.1	27.6	29.4	31.0	32.3	33.5	33.7	33.9	34.1	34.3	34.1
82.5°	20.1	20.8	22.4	24.0	24.0	24.0	25.5	26.7	26.7	26.6	26.4
85°	12.4	13.3	14.7	16.1	15.2	14.4	16.7	18.8	18.8	18.7	18.3
87.5°	2.5	3.4	4.8	6.1	5.2	4.3	6.6	9.0	9.1	9.1	8.8
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: P385665
 CATALOG NUMBER: GWC-SA1B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385665

CATALOG NUMBER: GWC-SA1B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0
2.5°	1146.5	1160.5	1174.3	1177.9	1183.3	1185.6	1187.8	1205.4	1222.8	1243.2	1263.7
5°	918.3	928.7	939.1	940.8	946.3	949.2	952.1	973.4	994.6	1023.1	1051.6
7.5°	692.1	694.6	697.1	696.8	701.4	707.7	713.8	736.6	759.2	789.9	820.4
10°	524.2	529.9	535.5	540.7	550.9	562.8	574.4	597.7	621.1	651.4	681.5
12.5°	415.3	421.9	428.4	434.1	446.0	461.8	477.4	505.4	533.3	569.6	605.6
15°	339.1	338.5	338.0	341.9	352.3	369.6	386.6	416.2	445.8	485.6	525.3
17.5°	267.5	264.8	262.1	265.1	274.8	289.0	303.0	328.1	353.1	391.6	430.2
20°	216.4	214.6	212.8	215.6	221.7	227.7	233.6	251.7	269.6	301.0	332.2
22.5°	190.3	190.2	189.8	191.4	194.3	197.3	200.2	209.0	217.6	237.9	258.0
25°	175.1	174.9	174.7	175.4	177.8	180.1	182.4	188.2	193.9	203.6	213.3
27.5°	162.9	162.5	162.2	162.4	162.9	166.5	169.9	172.6	175.1	181.7	188.2
30°	153.0	152.8	152.7	152.7	152.1	153.4	154.6	158.8	162.7	169.5	176.3
32.5°	144.6	143.7	142.8	140.8	139.6	141.4	143.2	147.5	151.8	158.0	164.3
35°	134.0	131.7	129.2	128.1	128.3	130.1	131.9	136.2	140.3	147.1	153.7
37.5°	122.5	121.8	120.9	120.7	121.3	123.1	124.9	128.6	132.2	139.0	145.7
40°	116.1	115.7	115.4	115.0	115.4	117.1	118.9	122.5	125.9	132.6	139.0
42.5°	110.3	110.1	110.0	110.0	110.1	112.1	114.1	117.7	121.1	127.0	132.9
45°	104.8	104.9	104.9	105.3	105.8	107.8	109.6	113.6	117.5	123.2	129.0
47.5°	99.6	100.1	100.5	101.4	101.9	104.0	106.0	110.3	114.6	121.8	128.8
50°	95.1	95.6	96.0	96.7	98.1	100.6	103.2	108.4	113.4	125.4	137.2
52.5°	91.0	91.5	92.0	92.7	94.5	97.4	100.3	106.7	113.0	127.0	141.0
55°	87.2	87.7	88.1	89.2	91.0	93.5	95.8	103.7	111.6	121.8	132.0
57.5°	83.6	84.1	84.5	85.2	86.1	88.8	91.3	99.7	108.2	115.4	122.3
60°	79.8	80.2	80.4	80.4	81.1	84.1	87.2	98.0	108.5	107.3	105.8
62.5°	75.7	76.1	76.2	75.7	76.6	79.8	83.1	97.1	111.0	102.4	93.8
65°	71.9	71.8	71.6	71.0	72.1	75.3	78.4	85.4	92.4	89.0	85.6
67.5°	67.8	67.3	66.7	66.0	67.1	70.0	72.7	75.0	77.3	77.7	78.0
70°	62.6	61.9	61.2	61.0	61.5	63.9	66.2	67.8	69.2	70.0	70.5
72.5°	56.5	56.0	55.4	55.1	55.3	57.2	59.0	60.5	61.9	62.4	62.8
75°	49.7	49.7	49.5	48.4	48.4	50.1	51.5	52.7	54.0	54.7	55.4
77.5°	42.3	42.5	42.5	41.1	40.9	42.5	44.0	45.0	45.9	46.6	47.2
80°	33.9	33.5	33.2	32.3	31.9	33.9	35.7	36.6	37.3	37.5	37.5
82.5°	26.0	25.3	24.4	22.4	22.6	24.8	26.7	27.4	28.2	28.2	28.2
85°	17.8	16.3	14.7	13.1	13.3	15.6	17.8	18.5	19.2	19.6	19.7
87.5°	8.4	7.0	5.4	4.1	4.1	6.1	7.9	8.3	8.6	9.3	10.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385665
 CATALOG NUMBER: GWC-SA1B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385665

CATALOG NUMBER: GWC-SA1B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0
2.5°	1279.3	1294.7	1310.7	1326.6	1344.9	1363.2	1384.6	1405.7	1423.9	1442.0	1457.1
5°	1076.2	1100.8	1129.7	1158.5	1195.3	1232.1	1277.1	1322.0	1362.0	1402.0	1448.4
7.5°	852.5	884.4	922.1	959.8	1007.3	1054.8	1113.2	1171.5	1228.0	1284.3	1355.7
10°	715.1	748.6	785.8	822.7	871.1	919.4	981.1	1042.6	1106.2	1169.5	1250.2
12.5°	643.0	680.1	712.7	745.4	784.7	823.8	883.5	943.3	1017.9	1092.3	1170.0
15°	566.0	606.5	645.6	684.8	727.6	770.3	828.4	886.6	968.2	1049.8	1139.2
17.5°	472.9	515.6	563.3	610.8	666.8	722.6	797.1	871.5	968.2	1064.7	1170.0
20°	375.8	419.4	476.5	533.5	603.1	672.6	769.1	865.6	995.8	1125.9	1260.3
22.5°	296.5	334.9	397.2	459.3	539.6	620.0	743.8	867.4	1037.6	1207.7	1389.1
25°	240.4	267.5	328.7	389.6	482.4	575.1	728.3	881.4	1098.4	1315.3	1540.3
27.5°	205.9	223.7	280.8	337.6	439.0	540.2	722.1	903.8	1175.6	1447.4	1704.8
30°	188.7	201.1	249.4	297.4	400.4	503.4	714.5	925.7	1249.9	1573.8	1833.4
32.5°	174.4	184.2	225.5	266.6	367.0	467.5	700.0	932.3	1301.7	1671.1	1942.3
35°	162.2	170.4	206.3	242.2	340.9	439.5	675.6	911.7	1334.2	1756.6	2055.7
37.5°	152.3	158.8	192.0	225.1	318.2	411.4	647.8	884.2	1363.0	1841.9	2183.2
40°	144.6	150.2	181.2	212.2	296.7	381.2	623.9	866.5	1402.9	1939.3	2318.0
42.5°	140.3	147.5	171.9	196.1	276.3	356.5	604.7	853.0	1439.8	2026.5	2435.8
45°	139.2	149.4	167.0	184.6	261.0	337.4	587.7	837.8	1463.7	2089.6	2524.6
47.5°	137.4	145.8	163.3	180.7	253.5	326.1	578.6	830.8	1487.5	2144.1	2598.4
50°	138.5	139.6	160.2	180.7	252.4	324.2	589.0	853.7	1539.2	2224.5	2682.7
52.5°	136.5	131.9	154.5	177.1	252.2	327.4	618.9	910.4	1635.2	2359.8	2774.0
55°	126.1	120.0	143.7	167.4	248.5	329.4	654.6	979.7	1764.0	2548.1	2938.1
57.5°	117.0	111.4	131.5	151.4	237.0	322.6	691.4	1060.0	1900.2	2740.1	3123.1
60°	104.8	103.5	117.9	132.2	219.2	306.0	721.7	1137.2	1991.7	2845.9	3194.3
62.5°	94.7	95.4	106.0	116.6	197.0	277.2	731.8	1186.2	1989.1	2792.1	3122.6
65°	87.0	88.3	98.7	109.1	178.0	246.8	698.7	1150.5	1888.5	2626.4	2980.7
67.5°	79.5	80.9	93.3	105.5	161.1	216.5	616.2	1015.7	1707.5	2399.1	2800.2
70°	72.3	74.1	87.5	101.0	148.9	196.6	509.8	823.1	1480.9	2138.6	2591.2
72.5°	64.6	66.4	80.7	95.1	141.2	187.1	415.7	644.0	1201.8	1759.3	2216.4
75°	56.7	57.9	73.6	89.0	130.6	172.2	326.1	479.9	919.8	1359.6	1674.1
77.5°	48.8	50.4	63.5	76.4	110.9	145.1	245.8	346.4	674.9	1003.2	1164.3
80°	38.9	40.4	49.7	58.8	85.6	112.1	169.0	225.9	464.5	703.1	793.8
82.5°	29.8	31.4	37.7	43.8	61.0	78.2	102.4	126.7	308.6	490.3	497.8
85°	20.5	21.0	25.5	29.8	37.7	45.6	58.7	71.8	204.2	336.5	280.4
87.5°	10.2	10.2	13.3	16.3	20.3	24.2	31.0	37.7	65.3	92.9	53.5
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: P385665
 CATALOG NUMBER: GWC-SA1B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385665

CATALOG NUMBER: GWC-SA1B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0
2.5°	1476.2	1489.3	1502.6	1512.7	1522.9	1537.6	1552.3	1555.0	1557.9	1552.1	1546.4
5°	1495.3	1534.9	1574.7	1611.5	1648.3	1670.4	1692.4	1696.9	1701.4	1687.6	1673.6
7.5°	1424.8	1493.8	1562.9	1626.2	1689.5	1727.9	1766.5	1775.1	1783.9	1761.3	1738.7
10°	1330.6	1415.4	1500.3	1583.7	1667.1	1722.9	1778.7	1789.8	1801.0	1772.8	1744.6
12.5°	1257.7	1348.3	1438.9	1526.8	1614.9	1672.7	1730.5	1744.3	1758.1	1737.6	1717.0
15°	1235.3	1320.5	1405.7	1482.3	1559.1	1606.3	1653.7	1659.2	1665.0	1661.7	1658.5
17.5°	1276.0	1353.0	1430.1	1471.8	1513.6	1532.4	1551.4	1557.5	1563.8	1571.9	1580.1
20°	1374.7	1428.9	1483.2	1481.5	1479.5	1470.3	1461.0	1459.4	1457.8	1480.9	1504.2
22.5°	1522.0	1543.5	1565.2	1514.8	1464.4	1433.7	1402.9	1396.8	1390.5	1415.1	1439.8
25°	1681.8	1677.9	1673.8	1577.8	1481.6	1423.1	1364.7	1357.8	1351.0	1372.0	1393.2
27.5°	1840.1	1814.2	1788.4	1658.0	1527.6	1442.7	1357.8	1351.0	1344.2	1362.9	1381.5
30°	1956.1	1914.7	1873.3	1725.6	1578.0	1477.1	1376.3	1365.2	1353.9	1376.9	1399.8
32.5°	2046.7	1991.1	1935.5	1780.5	1625.5	1516.4	1407.4	1390.0	1372.6	1403.2	1433.9
35°	2137.1	2058.9	1980.5	1829.5	1678.2	1562.9	1447.4	1426.0	1404.7	1446.8	1489.0
37.5°	2250.9	2138.6	2026.1	1884.6	1743.0	1632.5	1521.8	1499.9	1478.0	1531.7	1585.5
40°	2374.3	2224.5	2074.7	1944.8	1814.9	1728.8	1642.5	1621.7	1600.7	1666.0	1731.3
42.5°	2476.9	2304.5	2132.1	2017.5	1902.7	1842.0	1781.2	1781.0	1780.7	1846.9	1913.1
45°	2560.3	2371.3	2182.0	2088.3	1994.5	1962.9	1931.4	1956.7	1982.0	2041.7	2101.6
47.5°	2622.6	2427.2	2231.7	2169.4	2107.2	2111.8	2116.5	2168.0	2219.5	2257.9	2296.4
50°	2663.1	2478.0	2292.7	2273.5	2254.3	2296.1	2338.1	2397.1	2456.3	2482.5	2508.7
52.5°	2722.2	2546.9	2371.4	2393.0	2414.5	2499.9	2585.3	2645.0	2704.7	2714.4	2724.3
55°	2858.7	2673.5	2488.2	2529.5	2570.9	2696.1	2821.5	2868.2	2914.8	2918.4	2922.0
57.5°	3052.6	2851.0	2649.3	2693.8	2738.3	2882.9	3027.7	3077.9	3128.3	3121.3	3114.1
60°	3197.7	3019.4	2840.9	2885.8	2930.6	3071.6	3212.6	3270.4	3328.3	3312.9	3297.5
62.5°	3206.7	3111.4	3016.0	3056.5	3097.3	3235.4	3373.5	3432.9	3492.3	3465.4	3438.5
65°	3064.1	3106.8	3149.5	3162.9	3176.4	3305.2	3434.2	3479.6	3525.1	3511.5	3497.9
67.5°	2867.6	3025.0	3182.5	3155.4	3128.3	3188.8	3249.2	3296.0	3342.9	3335.1	3327.3
70°	2671.6	2881.6	3091.7	2958.6	2825.3	2800.4	2775.4	2825.8	2876.4	2845.2	2813.8
72.5°	2337.7	2561.6	2785.7	2540.4	2295.2	2210.0	2124.8	2188.8	2252.9	2203.2	2153.3
75°	1835.0	2082.4	2330.0	2037.4	1744.8	1631.1	1517.3	1572.4	1627.5	1593.4	1559.1
77.5°	1366.1	1609.9	1853.7	1556.3	1258.6	1174.1	1089.5	1105.8	1122.3	1116.6	1110.6
80°	926.6	1096.5	1266.5	1068.5	870.4	876.9	883.5	875.8	867.9	879.4	890.9
82.5°	591.3	722.4	853.7	748.6	643.5	703.8	764.0	734.4	704.7	715.6	726.7
85°	337.4	465.7	594.2	553.8	513.3	548.4	583.8	537.8	491.9	512.0	532.3
87.5°	89.0	257.6	426.4	387.1	347.8	302.3	256.7	195.9	135.1	197.3	259.6
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: P385665
 CATALOG NUMBER: GWC-SA1B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385665

CATALOG NUMBER: GWC-SA1B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0	1367.0
2.5°	1543.3	1540.3	1529.3	1518.2	1501.7	1488.1	1464.4
5°	1654.2	1634.8	1601.5	1567.9	1530.6	1487.7	1440.2
7.5°	1693.5	1648.1	1584.1	1519.8	1462.1	1394.3	1331.1
10°	1676.8	1608.8	1525.6	1442.2	1372.0	1294.0	1223.8
12.5°	1644.9	1572.6	1480.9	1389.1	1309.2	1225.5	1146.9
15°	1600.9	1543.2	1457.2	1371.3	1290.9	1209.5	1116.4
17.5°	1552.8	1525.4	1463.3	1401.1	1331.5	1252.5	1143.3
20°	1514.1	1524.1	1499.4	1474.6	1418.8	1350.0	1227.2
22.5°	1487.9	1536.2	1555.2	1574.4	1540.8	1487.0	1345.1
25°	1473.2	1553.2	1616.9	1680.8	1665.9	1624.4	1488.3
27.5°	1479.7	1577.8	1676.6	1775.7	1789.5	1778.0	1639.1
30°	1499.0	1598.4	1718.8	1839.3	1894.4	1909.8	1764.9
32.5°	1531.3	1628.7	1759.9	1891.2	1974.4	2023.6	1879.9
35°	1580.1	1671.3	1808.0	1944.6	2052.3	2142.0	1998.6
37.5°	1663.9	1742.3	1868.4	1994.7	2134.3	2269.0	2129.4
40°	1786.6	1842.0	1948.6	2055.3	2231.0	2412.9	2275.3
42.5°	1941.4	1969.9	2054.4	2138.9	2332.0	2543.5	2417.9
45°	2109.2	2116.7	2169.8	2223.1	2412.0	2632.5	2525.0
47.5°	2270.6	2244.8	2265.9	2287.1	2473.3	2696.0	2606.3
50°	2436.7	2364.8	2353.7	2342.5	2534.7	2770.8	2709.6
52.5°	2605.7	2487.1	2443.2	2399.1	2607.9	2870.0	2838.2
55°	2771.1	2620.3	2561.1	2501.9	2719.8	2991.1	3027.1
57.5°	2943.2	2772.2	2717.3	2662.4	2884.3	3144.4	3196.7
60°	3128.3	2959.0	2915.0	2870.9	3088.8	3310.2	3272.2
62.5°	3303.9	3169.4	3146.2	3122.9	3295.7	3437.6	3242.8
65°	3421.3	3344.5	3366.0	3387.7	3452.1	3469.3	3156.6
67.5°	3342.9	3358.5	3449.4	3540.6	3496.2	3375.0	2986.9
70°	2907.3	3000.9	3216.4	3432.0	3333.7	3122.2	2682.3
72.5°	2258.4	2363.7	2683.6	3003.6	2913.0	2654.0	2203.2
75°	1677.9	1796.8	2149.9	2502.9	2377.2	1985.2	1577.4
77.5°	1190.3	1269.9	1618.5	1967.3	1762.2	1321.4	1061.5
80°	866.5	842.1	1036.4	1230.7	1196.6	874.0	681.7
82.5°	667.2	607.6	699.1	790.6	785.6	606.5	500.2
85°	508.4	484.5	565.5	646.4	577.1	410.8	317.9
87.5°	296.4	333.3	428.6	524.0	393.2	124.7	61.7
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: P385665
 CATALOG NUMBER: GWC-SA1B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report



Report Generated By 670245982

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1121 Highway 74 South
Peachtree City, GA 30269

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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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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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Peachtree City, GA 30269

Scaled Data Report





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

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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	0.0	0.0	0.0	0.0
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110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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