

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: P385721

Luminaire Tested: **GWC-SA1B-740-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P385721
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-740-U-SLR
Description: GALLEON WALL LUMINAIRE
(1) 70 CRI, 4000K, 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: 5365 lumens
Efficiency: N/A
Efficacy: 121.9 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 (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

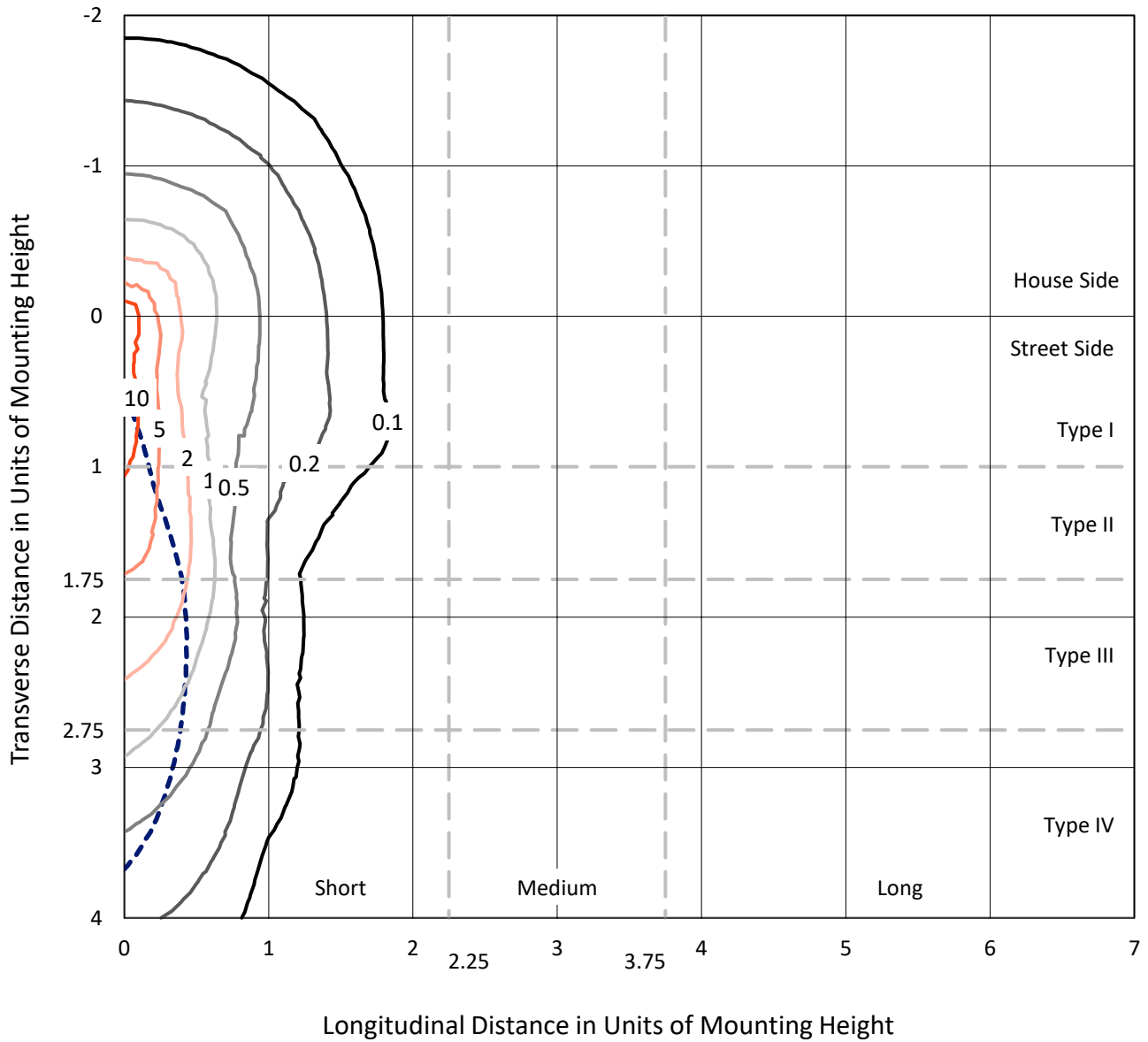




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Iso-Footcandle Lines of Horizontal Illumination

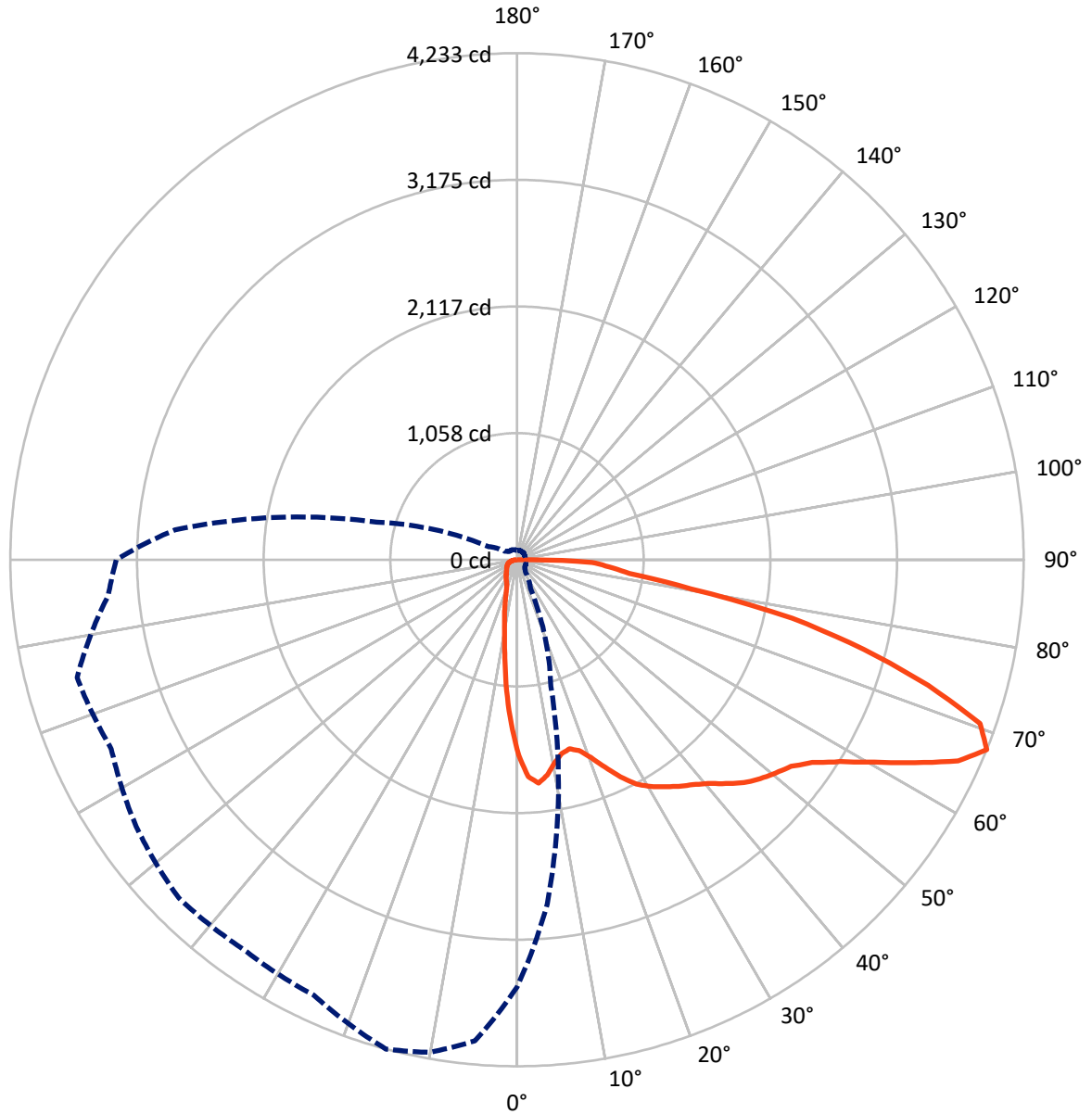
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 16.3 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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



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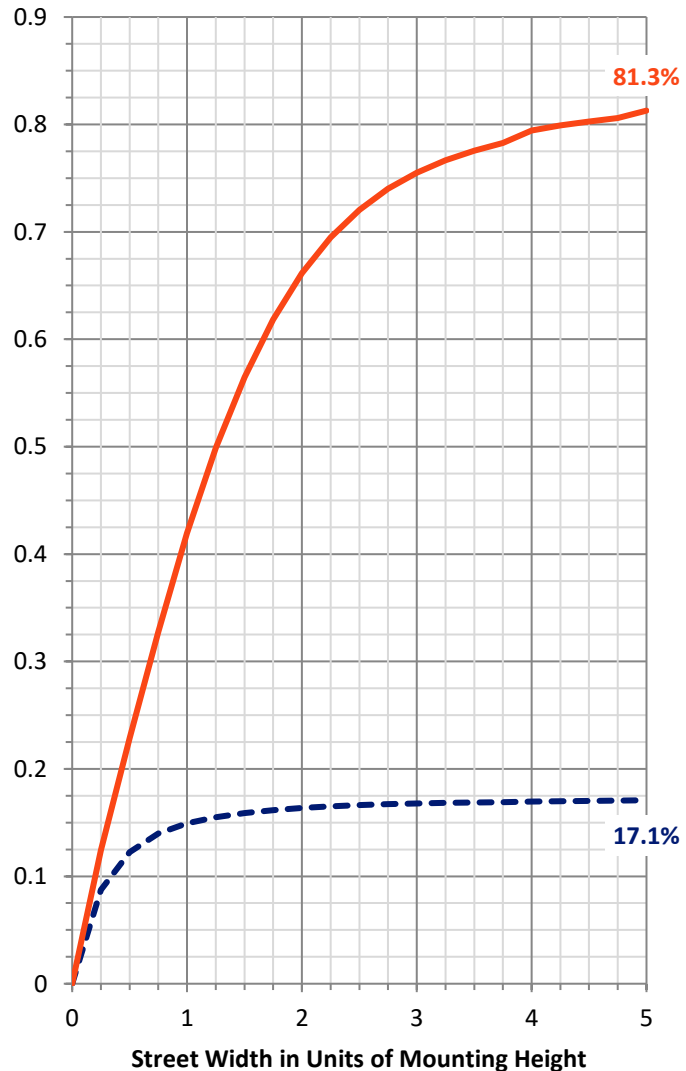
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	927.5	0.0	927.5
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	4437.5	0.0	4437.5
	% Fixture	82.7	0.0	82.7
Total	Lumens	5365.0	0.0	5365.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.1	2.4
10°-20°	262.1	4.9
20°-30°	372.7	6.9
30°-40°	537.1	10.0
40°-50°	756.9	14.1
50°-60°	1052.2	19.6
60°-70°	1272.4	23.7
70°-80°	782.1	14.6
80°-90°	203.5	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°	5365.0	100.0
0°-180°	5365.0	100.0

Coefficient of Utilization



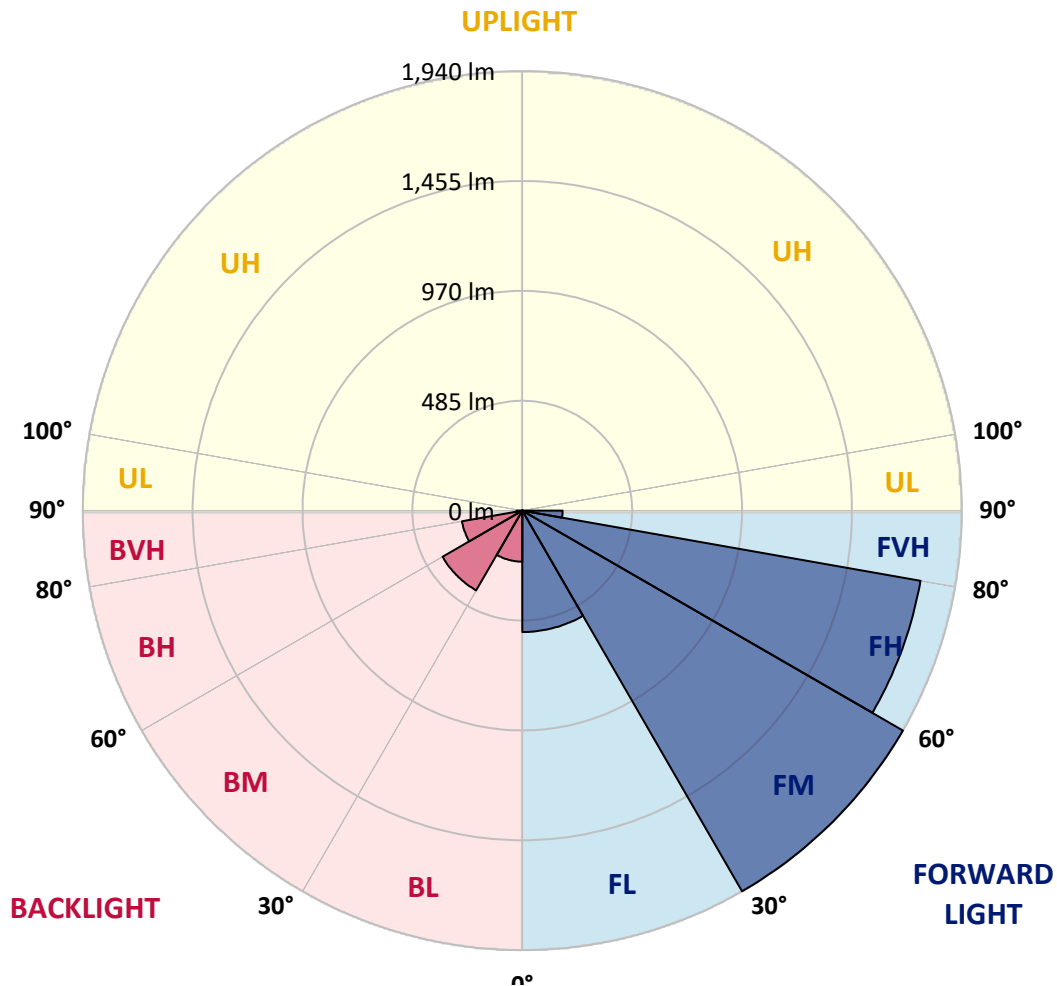
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	535.7	10.0			
FM (30°-60°)	1939.6	36.2			
FH (60°-80°)	1784.2	33.3			G1/1800
FVH (80°-90°)	178.0	3.3			G2/225
BL (0°-30°)	225.2	4.2	B1/500		
BM (30°-60°)	406.5	7.6	B1/1000		
BH (60°-80°)	270.3	5.0	B1/500		G1/500
BVH (80°-90°)	25.5	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°	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5
2.5°	1751.0	1735.5	1712.1	1688.8	1671.4	1653.8	1633.8	1613.9	1591.2	1568.2	1554.7
5°	1722.0	1679.1	1623.3	1567.6	1530.7	1493.8	1451.9	1410.1	1368.7	1327.3	1305.0
7.5°	1591.6	1527.2	1454.7	1382.2	1328.6	1274.8	1216.9	1158.7	1107.2	1055.6	1023.6
10°	1463.3	1386.1	1302.9	1219.4	1150.8	1082.1	1024.0	965.7	926.9	888.0	858.6
12.5°	1371.3	1285.7	1194.1	1102.3	1033.7	965.0	928.1	891.2	859.1	826.9	793.0
15°	1334.8	1238.1	1144.4	1050.4	988.0	925.6	884.6	843.4	800.3	757.0	715.4
17.5°	1367.0	1253.7	1151.9	1050.0	968.2	886.5	829.3	771.8	714.9	658.1	609.8
20°	1467.4	1322.8	1189.6	1056.2	947.4	838.7	761.9	684.9	612.0	539.0	484.3
22.5°	1608.3	1417.0	1243.0	1069.1	928.6	787.9	691.5	595.0	508.8	422.6	368.9
25°	1779.5	1541.8	1320.0	1098.0	920.8	743.5	625.1	506.6	415.7	324.5	286.4
27.5°	1959.9	1690.7	1415.7	1140.5	922.1	703.8	569.1	434.1	352.2	270.3	244.1
30°	2110.2	1860.8	1527.2	1193.5	927.1	660.7	516.3	371.9	304.4	236.8	219.9
32.5°	2247.7	1979.4	1611.3	1243.0	932.6	622.0	475.5	328.8	273.7	218.4	204.4
35°	2389.7	2084.7	1670.1	1255.2	923.0	590.5	447.7	304.8	254.0	202.9	191.1
37.5°	2546.1	2198.6	1726.7	1254.6	906.7	558.8	426.0	293.0	241.1	189.0	180.4
40°	2720.5	2324.5	1788.1	1251.6	891.9	532.0	409.9	287.6	234.0	180.2	172.9
42.5°	2891.0	2444.6	1845.1	1245.6	879.9	513.9	394.0	274.1	227.6	180.8	170.5
45°	3019.1	2549.5	1894.7	1239.6	870.9	502.1	381.6	261.0	221.6	182.1	169.0
47.5°	3116.2	2654.9	1949.6	1244.1	870.0	495.9	372.8	249.7	210.2	170.5	165.2
50°	3239.8	2781.4	2029.6	1277.8	881.8	485.8	362.5	239.0	199.3	159.6	166.9
52.5°	3393.6	2962.0	2153.6	1344.9	906.5	468.0	346.2	224.4	186.0	147.4	158.7
55°	3619.5	3193.5	2312.1	1430.5	936.3	441.9	321.5	201.0	168.4	135.6	145.6
57.5°	3822.2	3427.3	2464.2	1500.9	955.0	408.8	290.4	172.0	148.6	125.3	131.1
60°	3912.5	3547.8	2535.4	1522.7	943.8	364.9	255.5	145.9	131.3	116.7	115.6
62.5°	3877.3	3471.2	2465.2	1459.2	889.3	319.4	224.6	129.8	118.8	107.7	105.3
65°	3774.3	3230.6	2268.8	1306.9	797.3	287.6	205.1	122.5	110.3	98.0	95.5
67.5°	3571.4	2888.0	1990.3	1092.7	680.4	268.1	193.9	119.7	104.9	89.9	86.9
70°	3207.2	2475.8	1669.7	863.4	559.8	256.1	186.6	117.1	99.1	80.9	78.1
72.5°	2634.3	1985.0	1333.3	681.5	468.0	254.6	185.8	116.9	94.4	71.9	69.3
75°	1886.1	1507.7	1017.8	527.7	383.3	239.0	176.3	113.7	87.9	62.0	59.6
77.5°	1269.2	1043.5	707.4	371.1	284.4	197.8	148.2	98.7	75.3	51.9	49.5
80°	815.1	722.2	474.0	225.9	184.5	143.1	106.0	68.9	54.9	40.8	38.8
82.5°	598.0	537.5	329.5	121.4	102.5	83.4	64.8	46.1	37.5	29.0	28.1
85°	380.1	419.1	242.6	66.1	54.1	42.0	34.7	27.5	21.7	15.9	15.9
87.5°	73.8	102.1	67.1	32.0	23.4	14.8	12.7	10.3	5.8	1.1	1.3
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°	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5
2.5°	1541.0	1526.2	1511.4	1494.6	1477.7	1462.0	1446.2	1428.8	1432.0	1418.7	1405.4
5°	1282.7	1259.1	1235.3	1214.7	1194.1	1176.3	1158.3	1142.2	1156.2	1146.7	1137.3
7.5°	991.4	962.2	932.9	908.2	883.5	864.4	845.1	831.8	845.6	843.8	842.1
10°	829.3	800.9	772.4	745.2	717.9	694.8	671.4	651.6	648.2	638.3	628.3
12.5°	758.9	720.1	681.0	652.5	624.0	596.3	568.6	545.5	535.0	518.7	502.1
15°	673.7	627.8	581.9	549.5	516.9	490.1	463.1	443.2	436.5	423.9	411.2
17.5°	561.6	511.4	461.2	428.4	395.3	373.9	352.2	338.9	338.9	335.3	331.6
20°	429.6	384.8	340.0	314.9	289.8	278.4	266.8	261.3	263.0	263.2	263.2
22.5°	315.1	287.6	260.2	250.1	239.8	235.7	231.7	229.3	230.2	230.4	230.6
25°	248.2	237.7	226.9	221.8	216.4	213.9	211.3	210.4	212.4	212.6	212.6
27.5°	217.9	211.5	204.8	201.6	198.2	197.1	196.1	194.6	196.5	196.5	196.3
30°	202.7	195.8	189.0	184.9	180.8	181.3	181.5	181.0	182.3	183.2	183.8
32.5°	190.3	183.6	177.0	172.9	168.6	168.0	167.3	166.9	169.7	171.2	172.7
35°	179.1	171.8	164.5	160.7	156.8	155.3	153.8	152.7	155.3	157.2	159.2
37.5°	171.6	164.1	156.4	152.7	148.9	146.9	145.0	143.7	144.8	145.6	146.5
40°	165.6	157.9	149.9	145.6	141.4	139.4	137.5	136.4	137.1	137.3	137.5
42.5°	160.0	152.5	145.0	140.3	135.3	133.0	130.6	129.3	129.8	130.2	130.4
45°	155.9	148.4	140.7	135.1	129.3	126.8	124.2	122.7	122.9	122.9	122.9
47.5°	159.8	148.9	137.7	131.3	124.6	121.6	118.6	117.1	116.7	116.3	115.8
50°	174.0	155.3	136.4	128.3	119.9	116.7	113.3	111.5	110.5	110.0	109.6
52.5°	169.9	153.8	137.5	127.0	116.3	112.4	108.5	105.7	104.7	104.0	103.4
55°	155.5	145.4	135.1	122.5	109.8	106.4	102.7	100.8	98.9	98.5	98.0
57.5°	136.6	132.6	128.5	115.6	102.7	99.5	96.1	94.8	93.1	93.1	92.9
60°	114.3	120.3	126.3	111.5	96.5	92.9	89.2	88.2	87.5	87.3	87.1
62.5°	102.7	112.6	122.3	106.6	90.7	86.9	83.0	81.7	81.5	81.7	81.7
65°	92.9	95.9	98.9	91.6	84.3	80.4	76.4	75.1	75.5	76.1	76.8
67.5°	83.9	83.2	82.6	80.0	77.2	74.0	70.6	69.3	69.5	70.4	71.2
70°	75.3	74.4	73.4	71.4	69.5	66.7	63.9	63.1	62.8	63.9	64.8
72.5°	66.7	65.6	64.3	62.8	61.1	58.8	56.4	55.8	56.0	56.6	57.3
75°	57.3	56.4	55.3	54.1	52.6	50.4	48.3	47.8	48.3	48.9	49.5
77.5°	47.0	46.8	46.3	45.3	44.2	41.8	39.3	39.0	39.7	40.3	40.8
80°	36.7	36.9	37.1	36.3	35.4	32.8	30.0	29.8	30.5	31.1	31.7
82.5°	27.0	27.7	28.1	27.0	26.0	23.0	19.9	19.5	21.7	22.3	23.0
85°	15.7	16.5	17.4	16.5	15.7	12.7	9.7	9.4	11.4	12.4	13.5
87.5°	1.3	1.7	2.1	1.9	1.7	0.9	0.0	0.0	0.2	1.1	1.9
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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 CATALOG NUMBER: GWC-SA1B-740-U-SLR

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P385721
 CATALOG NUMBER: GWC-SA1B-740-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5
2.5°	1397.0	1388.7	1386.1	1383.5	1374.1	1364.4	1374.3	1383.9	1388.0	1392.1	1381.6
5°	1136.0	1134.5	1134.5	1134.3	1125.7	1116.9	1123.5	1130.0	1115.6	1101.2	1099.7
7.5°	851.3	860.6	868.1	875.4	872.6	869.8	876.0	882.2	864.0	845.6	836.5
10°	630.4	632.3	640.5	648.6	650.6	652.3	660.0	667.5	653.4	639.2	633.0
12.5°	491.8	481.6	482.6	483.5	487.3	491.0	499.1	507.1	501.3	495.3	495.9
15°	398.3	385.2	379.9	374.3	378.6	382.9	388.7	394.2	394.5	394.5	400.0
17.5°	325.2	318.5	313.2	307.6	313.4	319.0	319.6	320.2	320.5	320.7	320.2
20°	266.4	269.6	267.9	266.2	268.3	270.3	272.0	273.5	271.6	269.4	264.0
22.5°	233.6	236.4	238.5	240.5	244.1	247.5	245.8	243.9	240.0	235.9	231.9
25°	214.5	216.4	218.6	220.7	223.7	226.5	223.5	220.5	217.7	214.9	212.1
27.5°	198.4	200.3	202.3	204.0	206.8	209.4	206.6	203.8	201.4	199.1	196.9
30°	185.3	186.6	188.1	189.6	192.2	194.6	192.2	189.6	187.9	186.0	184.5
32.5°	174.2	175.5	176.1	176.7	179.1	181.5	179.8	178.0	176.5	175.0	174.0
35°	161.9	164.5	164.9	165.4	167.7	170.1	169.0	167.7	166.0	164.3	162.4
37.5°	149.5	152.5	154.2	155.7	158.1	160.4	159.4	158.3	155.9	153.6	150.1
40°	139.0	140.3	143.5	146.5	150.4	154.0	151.9	149.5	145.9	142.2	140.5
42.5°	130.2	130.0	133.0	136.0	141.8	147.4	143.5	139.6	136.2	132.8	132.3
45°	122.5	121.8	123.3	124.8	131.1	137.1	133.2	129.1	127.2	125.3	125.3
47.5°	115.6	115.2	116.3	117.1	121.0	124.6	122.7	120.8	119.7	118.6	118.8
50°	109.4	109.0	110.0	110.9	112.4	113.7	114.1	114.3	113.7	113.0	113.5
52.5°	103.6	103.6	104.0	104.2	106.2	108.1	108.1	107.9	107.9	107.9	108.3
55°	98.7	99.1	99.1	99.1	102.1	104.9	104.0	103.2	103.4	103.4	103.8
57.5°	93.7	94.4	94.8	95.2	98.2	101.2	100.4	99.5	99.5	99.5	99.7
60°	88.2	89.0	89.9	90.7	93.7	96.7	95.9	94.8	95.0	95.2	95.5
62.5°	82.8	83.7	84.5	85.4	88.4	91.4	90.5	89.4	90.1	90.5	90.5
65°	77.6	78.3	79.2	80.0	82.8	85.6	84.7	83.9	84.7	85.4	85.8
67.5°	71.9	72.3	73.1	74.0	76.8	79.6	78.7	77.6	78.7	79.6	80.4
70°	65.2	65.6	66.7	67.6	70.4	73.1	72.1	71.0	72.1	73.1	74.0
72.5°	57.9	58.3	59.4	60.3	63.5	66.7	65.4	64.1	65.4	66.7	67.1
75°	50.0	50.4	51.7	52.8	56.0	59.2	58.1	56.8	57.9	59.0	59.2
77.5°	41.4	42.0	43.8	45.5	48.0	50.6	50.0	49.3	50.0	50.6	50.6
80°	32.4	33.0	35.2	37.1	38.6	40.1	40.3	40.5	40.8	41.0	40.8
82.5°	24.0	24.9	26.8	28.7	28.7	28.7	30.5	32.0	32.0	31.7	31.5
85°	14.8	15.9	17.6	19.3	18.2	17.2	19.9	22.5	22.5	22.3	21.9
87.5°	3.0	4.1	5.8	7.3	6.2	5.1	7.9	10.7	10.9	10.9	10.5
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: P385721

CATALOG NUMBER: GWC-SA1B-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: P385721
 CATALOG NUMBER: GWC-SA1B-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5
2.5°	1370.9	1387.6	1404.1	1408.4	1414.8	1417.6	1420.2	1441.2	1462.0	1486.5	1510.9
5°	1098.0	1110.5	1122.9	1124.8	1131.5	1134.9	1138.3	1163.9	1189.2	1223.3	1257.4
7.5°	827.5	830.5	833.5	833.1	838.7	846.2	853.5	880.7	907.8	944.4	980.9
10°	626.8	633.6	640.3	646.5	658.7	672.9	686.8	714.7	742.6	778.8	814.9
12.5°	496.6	504.5	512.2	519.1	533.2	552.1	570.8	604.2	637.7	681.0	724.1
15°	405.4	404.8	404.1	408.8	421.3	441.9	462.2	497.6	533.0	580.6	628.1
17.5°	319.8	316.6	313.4	317.0	328.6	345.6	362.3	392.3	422.1	468.3	514.4
20°	258.7	256.5	254.4	257.8	265.1	272.2	279.3	300.9	322.4	359.9	397.3
22.5°	227.6	227.4	226.9	228.9	232.3	235.9	239.4	249.9	260.2	284.4	308.4
25°	209.4	209.1	208.9	209.8	212.6	215.4	218.1	225.0	231.9	243.5	255.0
27.5°	194.8	194.3	193.9	194.1	194.8	199.1	203.1	206.3	209.4	217.3	225.0
30°	183.0	182.8	182.5	182.5	181.9	183.4	184.9	189.8	194.6	202.7	210.9
32.5°	172.9	171.8	170.7	168.4	166.9	169.0	171.2	176.3	181.5	189.0	196.5
35°	160.2	157.4	154.4	153.2	153.4	155.5	157.7	162.8	167.7	175.9	183.8
37.5°	146.5	145.6	144.6	144.4	145.0	147.1	149.3	153.8	158.1	166.2	174.2
40°	138.8	138.4	137.9	137.5	137.9	140.1	142.2	146.5	150.6	158.5	166.2
42.5°	131.9	131.7	131.5	131.5	131.7	134.1	136.4	140.7	144.8	151.9	158.9
45°	125.3	125.5	125.5	125.9	126.6	128.9	131.1	135.8	140.5	147.4	154.2
47.5°	119.0	119.7	120.1	121.2	121.8	124.4	126.8	131.9	137.1	145.6	154.0
50°	113.7	114.3	114.8	115.6	117.3	120.3	123.3	129.6	135.6	149.9	164.1
52.5°	108.8	109.4	110.0	110.9	113.0	116.5	119.9	127.6	135.1	151.9	168.6
55°	104.2	104.9	105.3	106.6	108.8	111.8	114.5	124.0	133.4	145.6	157.9
57.5°	100.0	100.6	101.0	101.9	103.0	106.2	109.2	119.3	129.3	137.9	146.3
60°	95.5	95.9	96.1	96.1	97.0	100.6	104.2	117.1	129.8	128.3	126.6
62.5°	90.5	90.9	91.2	90.5	91.6	95.5	99.3	116.0	132.8	122.5	112.2
65°	86.0	85.8	85.6	84.9	86.2	90.1	93.7	102.1	110.5	106.4	102.3
67.5°	81.1	80.4	79.8	78.9	80.2	83.7	86.9	89.7	92.4	92.9	93.3
70°	74.9	74.0	73.1	72.9	73.6	76.4	79.2	81.1	82.8	83.7	84.3
72.5°	67.6	66.9	66.3	65.9	66.1	68.4	70.6	72.3	74.0	74.6	75.1
75°	59.4	59.4	59.2	57.9	57.9	59.8	61.6	63.1	64.6	65.4	66.3
77.5°	50.6	50.8	50.8	49.1	48.9	50.8	52.6	53.8	54.9	55.8	56.4
80°	40.5	40.1	39.7	38.6	38.2	40.5	42.7	43.8	44.6	44.8	44.8
82.5°	31.1	30.2	29.2	26.8	27.0	29.6	32.0	32.8	33.7	33.7	33.7
85°	21.2	19.5	17.6	15.7	15.9	18.7	21.2	22.1	23.0	23.4	23.6
87.5°	10.1	8.4	6.4	4.9	4.9	7.3	9.4	9.9	10.3	11.2	12.0
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: P385721

CATALOG NUMBER: GWC-SA1B-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: P385721

CATALOG NUMBER: GWC-SA1B-740-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5
2.5°	1529.6	1548.0	1567.1	1586.2	1608.1	1630.0	1655.5	1680.8	1702.5	1724.1	1742.2
5°	1286.8	1316.2	1350.7	1385.2	1429.2	1473.2	1527.0	1580.6	1628.5	1676.3	1731.9
7.5°	1019.3	1057.5	1102.5	1147.6	1204.4	1261.3	1331.0	1400.7	1468.2	1535.6	1621.0
10°	855.0	895.1	939.5	983.7	1041.6	1099.3	1173.1	1246.7	1322.6	1398.3	1494.8
12.5°	768.8	813.2	852.2	891.2	938.2	985.0	1056.4	1127.8	1217.1	1306.1	1399.0
15°	676.7	725.2	772.0	818.7	870.0	921.1	990.6	1060.1	1157.7	1255.2	1362.1
17.5°	565.4	616.5	673.5	730.4	797.3	864.0	953.0	1042.0	1157.7	1273.1	1399.0
20°	449.4	501.5	569.7	637.9	721.1	804.2	919.6	1035.0	1190.7	1346.2	1506.9
22.5°	354.6	400.5	474.9	549.1	645.2	741.3	889.3	1037.1	1240.7	1444.0	1660.9
25°	287.4	319.8	393.0	465.9	576.8	687.7	870.9	1053.8	1313.4	1572.7	1841.7
27.5°	246.2	267.5	335.7	403.7	524.9	645.9	863.4	1080.6	1405.6	1730.6	2038.4
30°	225.7	240.5	298.2	355.6	478.8	601.9	854.4	1106.8	1494.4	1881.8	2192.2
32.5°	208.5	220.3	269.6	318.7	438.9	559.0	837.0	1114.8	1556.4	1998.1	2322.4
35°	193.9	203.8	246.7	289.6	407.5	525.5	807.8	1090.1	1595.2	2100.4	2457.9
37.5°	182.1	189.8	229.5	269.2	380.5	491.8	774.6	1057.3	1629.8	2202.3	2610.5
40°	172.9	179.5	216.6	253.8	354.8	455.8	746.0	1036.0	1677.4	2318.7	2771.5
42.5°	167.7	176.3	205.5	234.4	330.3	426.2	723.1	1019.9	1721.6	2423.0	2912.5
45°	166.5	178.7	199.7	220.7	312.1	403.5	702.7	1001.7	1750.1	2498.5	3018.6
47.5°	164.3	174.4	195.2	216.0	303.1	390.0	691.8	993.3	1778.6	2563.7	3106.8
50°	165.6	166.9	191.5	216.0	301.8	387.6	704.2	1020.8	1840.4	2659.8	3207.6
52.5°	163.2	157.7	184.7	211.7	301.6	391.5	740.0	1088.6	1955.2	2821.5	3316.8
55°	150.8	143.5	171.8	200.1	297.1	393.8	782.7	1171.4	2109.2	3046.7	3513.1
57.5°	139.9	133.2	157.2	181.0	283.4	385.7	826.7	1267.5	2272.0	3276.3	3734.2
60°	125.3	123.8	140.9	158.1	262.1	365.9	862.9	1359.7	2381.4	3402.8	3819.4
62.5°	113.3	114.1	126.8	139.4	235.5	331.4	874.9	1418.3	2378.4	3338.5	3733.6
65°	104.0	105.5	118.0	130.4	212.8	295.2	835.5	1375.6	2258.0	3140.3	3563.9
67.5°	95.0	96.7	111.5	126.1	192.6	258.9	736.8	1214.5	2041.6	2868.5	3348.1
70°	86.4	88.6	104.7	120.8	178.0	235.1	609.6	984.1	1770.7	2557.0	3098.2
72.5°	77.2	79.4	96.5	113.7	168.8	223.7	497.0	770.1	1436.9	2103.6	2650.1
75°	67.8	69.3	87.9	106.4	156.2	205.9	390.0	573.8	1099.7	1625.7	2001.7
77.5°	58.3	60.3	75.9	91.4	132.6	173.5	293.9	414.2	806.9	1199.5	1392.1
80°	46.5	48.3	59.4	70.4	102.3	134.1	202.1	270.1	555.3	840.6	949.2
82.5°	35.6	37.5	45.0	52.3	72.9	93.5	122.5	151.4	368.9	586.2	595.2
85°	24.5	25.1	30.5	35.6	45.0	54.5	70.1	85.8	244.1	402.4	335.3
87.5°	12.2	12.2	15.9	19.5	24.2	29.0	37.1	45.0	78.1	111.1	63.9
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: P385721

CATALOG NUMBER: GWC-SA1B-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: P385721

CATALOG NUMBER: GWC-SA1B-740-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5
2.5°	1765.1	1780.8	1796.6	1808.7	1820.9	1838.5	1856.1	1859.3	1862.7	1855.8	1849.0
5°	1787.9	1835.3	1882.9	1926.8	1970.8	1997.2	2023.6	2028.9	2034.3	2017.8	2001.1
7.5°	1703.6	1786.1	1868.7	1944.4	2020.2	2066.1	2112.2	2122.5	2133.0	2106.0	2078.9
10°	1590.9	1692.4	1793.9	1893.6	1993.3	2060.1	2126.8	2140.1	2153.4	2119.7	2086.0
12.5°	1503.9	1612.2	1720.5	1825.6	1930.9	2000.0	2069.1	2085.6	2102.1	2077.6	2053.0
15°	1477.0	1578.9	1680.8	1772.4	1864.2	1920.6	1977.3	1983.9	1990.8	1986.9	1983.0
17.5°	1525.7	1617.8	1710.0	1759.8	1809.7	1832.3	1855.0	1862.3	1869.8	1879.4	1889.3
20°	1643.7	1708.5	1773.5	1771.3	1769.0	1758.0	1746.9	1745.0	1743.0	1770.7	1798.6
22.5°	1819.8	1845.6	1871.5	1811.2	1751.0	1714.3	1677.4	1670.1	1662.6	1692.0	1721.6
25°	2010.9	2006.2	2001.3	1886.5	1771.5	1701.6	1631.7	1623.5	1615.4	1640.5	1665.8
27.5°	2200.1	2169.2	2138.3	1982.4	1826.5	1725.0	1623.5	1615.4	1607.2	1629.6	1651.9
30°	2338.9	2289.4	2239.8	2063.3	1886.7	1766.2	1645.6	1632.3	1618.8	1646.3	1673.7
32.5°	2447.2	2380.7	2314.2	2128.9	1943.6	1813.2	1682.7	1661.9	1641.1	1677.8	1714.5
35°	2555.3	2461.8	2368.1	2187.5	2006.6	1868.7	1730.6	1705.1	1679.5	1729.9	1780.3
37.5°	2691.3	2557.0	2422.6	2253.3	2084.1	1951.9	1819.6	1793.4	1767.3	1831.4	1895.7
40°	2838.9	2659.8	2480.7	2325.4	2170.1	2067.1	1964.0	1939.1	1914.0	1992.1	2070.1
42.5°	2961.6	2755.5	2549.3	2412.3	2275.0	2202.5	2129.8	2129.5	2129.1	2208.3	2287.4
45°	3061.3	2835.3	2609.0	2497.0	2384.8	2347.1	2309.3	2339.5	2369.8	2441.2	2512.9
47.5°	3135.8	2902.2	2668.4	2593.9	2519.5	2525.1	2530.7	2592.2	2653.8	2699.7	2745.8
50°	3184.2	2962.9	2741.3	2718.3	2695.4	2745.4	2795.6	2866.1	2936.9	2968.2	2999.6
52.5°	3254.8	3045.2	2835.5	2861.2	2886.9	2989.0	3091.1	3162.6	3234.0	3245.6	3257.4
55°	3418.0	3196.7	2975.1	3024.4	3074.0	3223.7	3373.6	3429.4	3485.2	3489.5	3493.8
57.5°	3649.9	3408.8	3167.7	3220.9	3274.1	3447.0	3620.1	3680.2	3740.4	3732.1	3723.5
60°	3823.4	3610.2	3396.8	3450.4	3504.1	3672.7	3841.3	3910.3	3979.6	3961.2	3942.7
62.5°	3834.2	3720.3	3606.2	3654.6	3703.3	3868.5	4033.7	4104.7	4175.7	4143.5	4111.3
65°	3663.6	3714.7	3765.7	3781.8	3797.9	3951.9	4106.2	4160.4	4214.9	4198.6	4182.3
67.5°	3428.8	3616.9	3805.2	3772.8	3740.4	3812.7	3885.0	3941.0	3997.0	3987.8	3978.3
70°	3194.3	3445.5	3696.7	3537.5	3378.1	3348.3	3318.5	3378.8	3439.3	3402.0	3364.4
72.5°	2795.1	3062.8	3330.7	3037.5	2744.3	2642.4	2540.5	2617.1	2693.7	2634.3	2574.6
75°	2194.1	2489.9	2785.9	2436.1	2086.2	1950.2	1814.2	1880.1	1945.9	1905.2	1864.2
77.5°	1633.4	1924.9	2216.4	1860.8	1504.9	1403.9	1302.7	1322.2	1341.9	1335.0	1328.0
80°	1107.9	1311.0	1514.4	1277.6	1040.8	1048.5	1056.4	1047.2	1037.7	1051.5	1065.2
82.5°	707.0	863.8	1020.8	895.1	769.4	841.5	913.6	878.2	842.6	855.6	868.9
85°	403.5	556.8	710.4	662.2	613.7	655.7	698.0	643.1	588.2	612.2	636.4
87.5°	106.4	308.0	509.9	462.9	415.9	361.4	306.9	234.2	161.5	235.9	310.4
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: P385721
 CATALOG NUMBER: GWC-SA1B-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: P385721

CATALOG NUMBER: GWC-SA1B-740-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5	1634.5
2.5°	1845.3	1841.7	1828.6	1815.3	1795.6	1779.3	1751.0
5°	1977.9	1954.7	1914.8	1874.7	1830.1	1778.8	1722.0
7.5°	2024.9	1970.6	1894.0	1817.2	1748.2	1667.1	1591.6
10°	2004.9	1923.6	1824.1	1724.4	1640.5	1547.2	1463.3
12.5°	1966.7	1880.3	1770.7	1660.9	1565.4	1465.2	1371.3
15°	1914.2	1845.1	1742.4	1639.6	1543.5	1446.2	1334.8
17.5°	1856.7	1823.9	1749.7	1675.2	1592.0	1497.6	1367.0
20°	1810.4	1822.4	1792.8	1763.2	1696.5	1614.1	1467.4
22.5°	1779.1	1836.8	1859.5	1882.4	1842.3	1778.0	1608.3
25°	1761.5	1857.1	1933.3	2009.6	1991.8	1942.3	1779.5
27.5°	1769.2	1886.5	2004.7	2123.1	2139.6	2125.9	1959.9
30°	1792.4	1911.2	2055.1	2199.3	2265.1	2283.6	2110.2
32.5°	1831.0	1947.4	2104.2	2261.3	2360.8	2419.6	2247.7
35°	1889.3	1998.3	2161.7	2325.2	2453.9	2561.1	2389.7
37.5°	1989.5	2083.2	2234.0	2385.0	2551.9	2713.0	2546.1
40°	2136.2	2202.5	2329.9	2457.5	2667.5	2885.0	2720.5
42.5°	2321.3	2355.4	2456.4	2557.5	2788.3	3041.2	2891.0
45°	2521.9	2530.9	2594.4	2658.1	2883.9	3147.6	3019.1
47.5°	2714.9	2684.0	2709.3	2734.7	2957.3	3223.5	3116.2
50°	2913.5	2827.5	2814.2	2800.9	3030.7	3312.9	3239.8
52.5°	3115.6	2973.8	2921.3	2868.5	3118.2	3431.6	3393.6
55°	3313.4	3133.0	3062.2	2991.4	3252.0	3576.3	3619.5
57.5°	3519.1	3314.7	3249.0	3183.4	3448.7	3759.7	3822.2
60°	3740.4	3538.0	3485.4	3432.6	3693.2	3957.9	3912.5
62.5°	3950.4	3789.6	3761.9	3734.0	3940.6	4110.2	3877.3
65°	4090.7	3998.9	4024.6	4050.6	4127.6	4148.2	3774.3
67.5°	3997.0	4015.6	4124.4	4233.4	4180.4	4035.4	3571.4
70°	3476.2	3588.1	3845.8	4103.6	3986.0	3733.1	3207.2
72.5°	2700.3	2826.2	3208.7	3591.4	3483.0	3173.3	2634.3
75°	2006.2	2148.4	2570.6	2992.7	2842.3	2373.6	1886.1
77.5°	1423.2	1518.4	1935.2	2352.2	2107.0	1580.0	1269.2
80°	1036.0	1006.9	1239.2	1471.5	1430.7	1045.0	815.1
82.5°	797.7	726.5	835.9	945.3	939.3	725.2	598.0
85°	607.9	579.4	676.1	772.8	690.0	491.2	380.1
87.5°	354.4	398.5	512.4	626.6	470.2	149.1	73.8
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: P385721

CATALOG NUMBER: GWC-SA1B-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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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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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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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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