

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: P385945

Luminaire Tested: **GWC-SA1C-740-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P385945  
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-SA1C-740-U-SLR  
Description: GALLEON WALL LUMINAIRE  
(1) 70 CRI, 4000K, 1050mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6640 lumens  
Efficiency: N/A  
Efficacy: 112.5 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): 59  
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

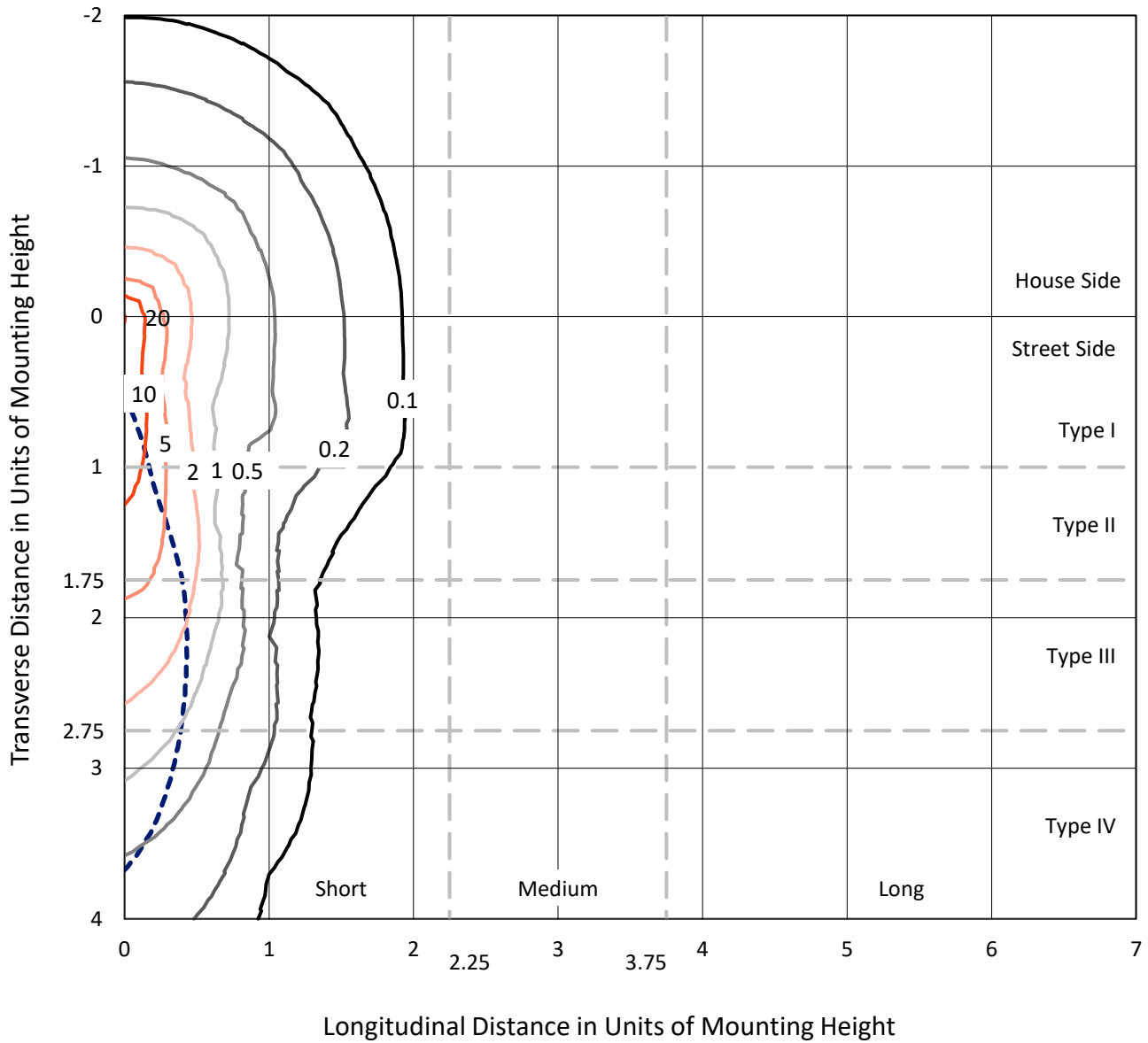




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### Iso-Footcandle Lines of Horizontal Illumination

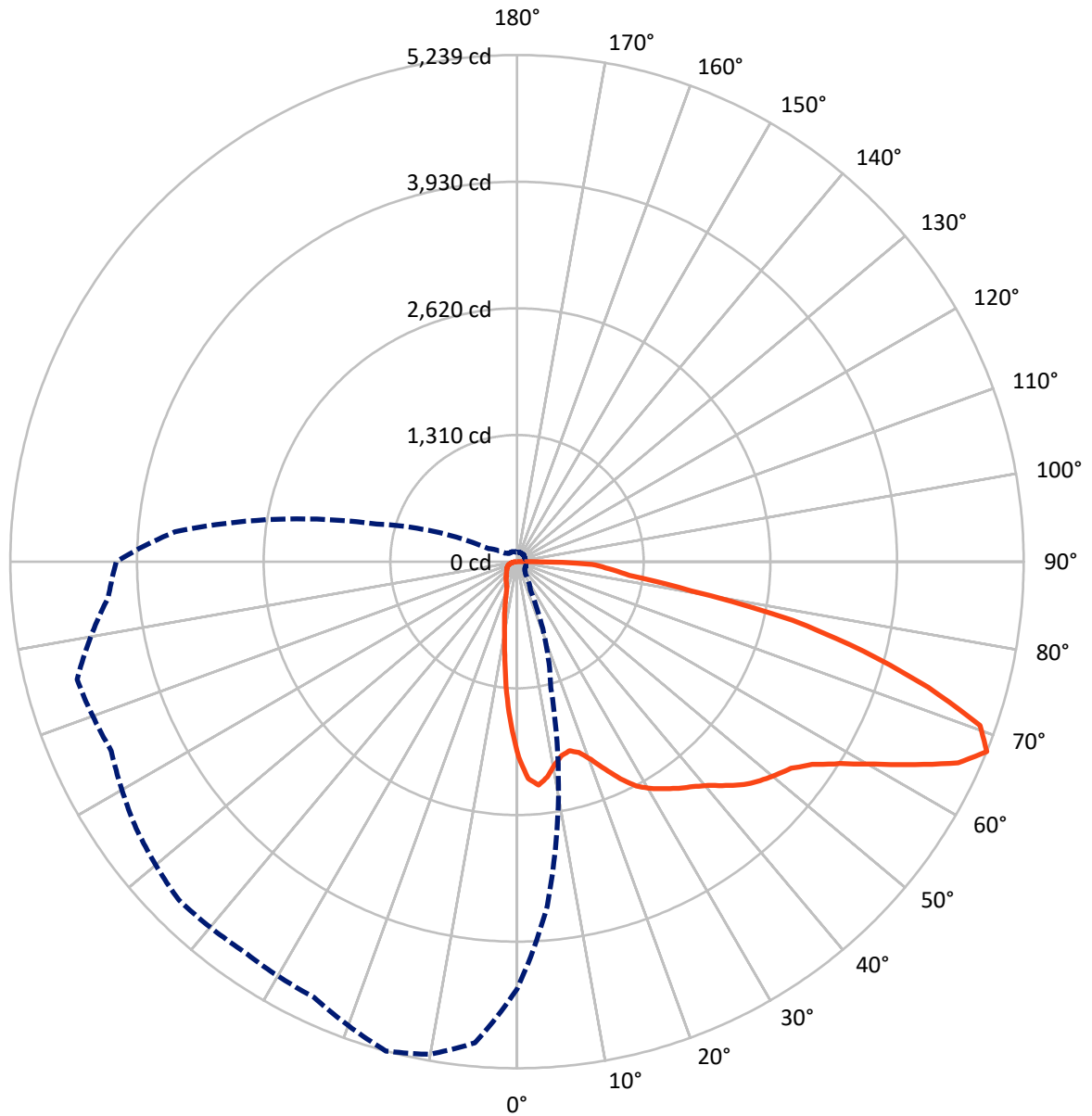
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 20.2 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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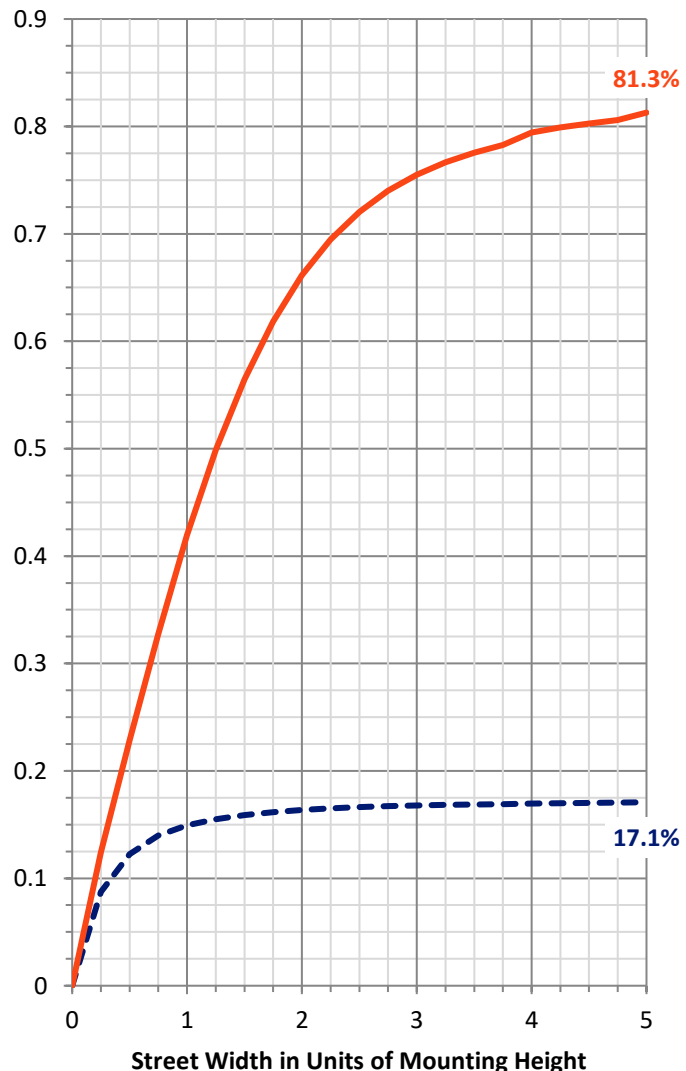
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1147.9	0.0	1147.9
	% Fixture	17.3	0.0	17.3
<b>Street Side</b>	Lumens	5492.1	0.0	5492.1
	% Fixture	82.7	0.0	82.7
<b>Total</b>	Lumens	6640.0	0.0	6640.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	156.1	2.4
10°-20°	324.3	4.9
20°-30°	461.3	6.9
30°-40°	664.7	10.0
40°-50°	936.7	14.1
50°-60°	1302.2	19.6
60°-70°	1574.8	23.7
70°-80°	968.0	14.6
80°-90°	251.9	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°	6640.0	100.0
0°-180°	6640.0	100.0

**Coefficient of Utilization**



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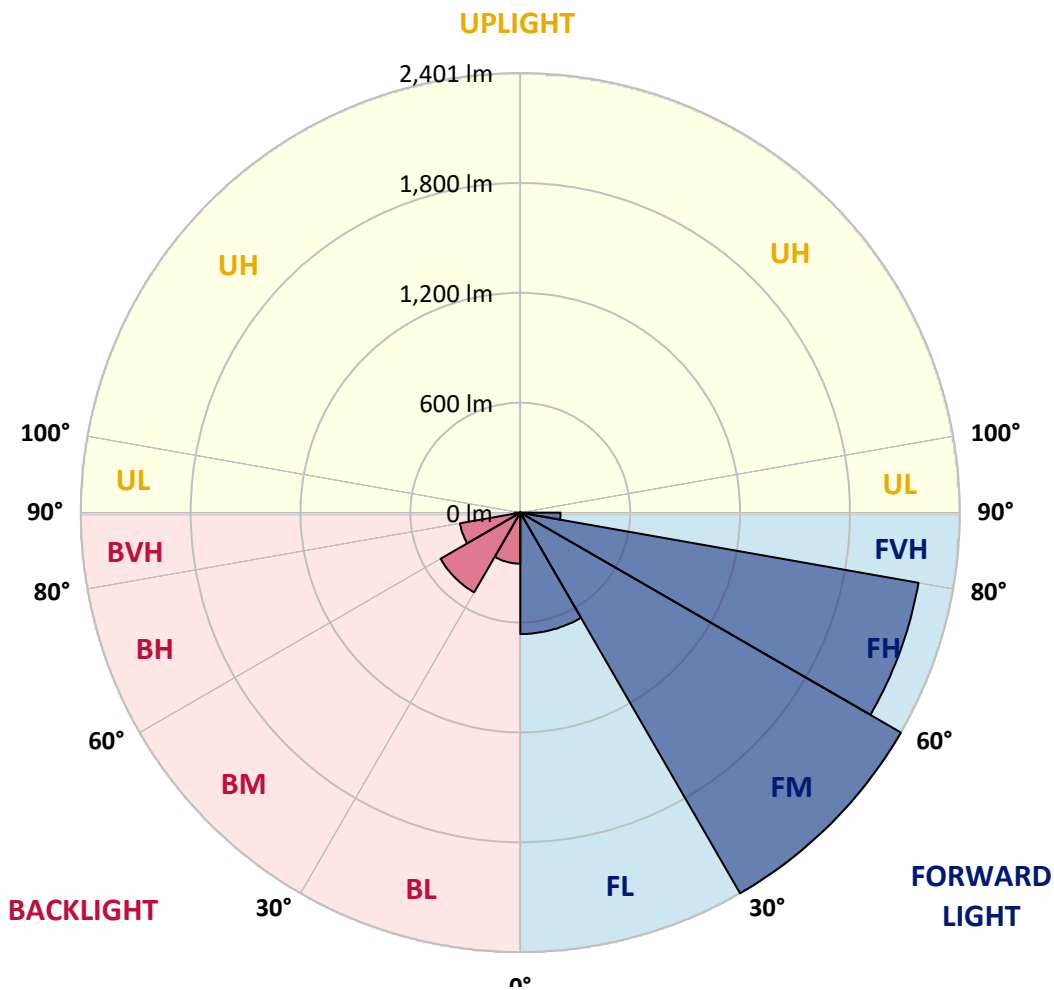
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	663.0	10.0			
FM (30°-60°)	2400.5	36.2			
FH (60°-80°)	2208.2	33.3			G2/5000
FVH (80°-90°)	220.3	3.3			G2/225
BL (0°-30°)	278.7	4.2	B1/500		
BM (30°-60°)	503.1	7.6	B1/1000		
BH (60°-80°)	334.5	5.0	B1/500		G1/500
BVH (80°-90°)	31.6	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G2**

Type IV Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9
2.5°	2167.1	2148.0	2119.0	2090.1	2068.6	2046.8	2022.1	1997.4	1969.3	1940.9	1924.2
5°	2131.2	2078.1	2009.1	1940.1	1894.4	1848.8	1797.0	1745.2	1694.0	1642.8	1615.2
7.5°	1969.8	1890.2	1800.5	1710.7	1644.4	1577.7	1506.0	1434.1	1370.4	1306.4	1266.8
10°	1811.1	1715.5	1612.5	1509.2	1424.3	1339.3	1267.4	1195.2	1147.1	1099.1	1062.7
12.5°	1697.2	1591.3	1477.9	1364.3	1279.3	1194.4	1148.7	1103.0	1063.2	1023.4	981.5
15°	1652.1	1532.3	1416.3	1300.0	1222.8	1145.5	1094.8	1043.8	990.5	936.9	885.4
17.5°	1691.9	1551.7	1425.6	1299.5	1198.4	1097.2	1026.3	955.2	884.8	814.5	754.7
20°	1816.1	1637.2	1472.3	1307.2	1172.6	1038.0	943.0	847.7	757.4	667.1	599.4
22.5°	1990.5	1753.7	1538.4	1323.1	1149.2	975.1	855.9	736.4	629.7	523.0	456.6
25°	2202.4	1908.2	1633.7	1359.0	1139.7	920.1	773.6	627.1	514.5	401.7	354.4
27.5°	2425.6	2092.5	1752.1	1411.5	1141.3	871.0	704.3	537.3	435.9	334.5	302.1
30°	2611.7	2303.0	1890.2	1477.1	1147.4	817.7	639.0	460.3	376.7	293.1	272.1
32.5°	2781.9	2449.8	1994.3	1538.4	1154.3	769.9	588.6	407.0	338.7	270.3	253.0
35°	2957.7	2580.2	2067.0	1553.6	1142.3	730.9	554.0	377.2	314.3	251.1	236.5
37.5°	3151.2	2721.1	2137.1	1552.8	1122.2	691.6	527.2	362.6	298.4	233.9	223.3
40°	3367.0	2877.0	2213.0	1549.0	1103.8	658.4	507.3	356.0	289.6	223.0	214.0
42.5°	3578.1	3025.6	2283.6	1541.6	1089.0	636.1	487.7	339.3	281.7	223.8	211.1
45°	3736.6	3155.4	2344.9	1534.2	1077.8	621.5	472.3	323.1	274.2	225.4	209.2
47.5°	3856.8	3285.8	2412.9	1539.8	1076.8	613.8	461.4	309.0	260.2	211.1	204.4
50°	4009.7	3442.4	2511.9	1581.4	1091.4	601.3	448.7	295.7	246.6	197.5	206.5
52.5°	4200.1	3665.9	2665.4	1664.5	1121.9	579.3	428.5	277.7	230.2	182.4	196.5
55°	4479.6	3952.4	2861.6	1770.5	1158.8	546.9	397.9	248.8	208.4	167.8	180.3
57.5°	4730.5	4241.8	3049.8	1857.5	1181.9	506.0	359.5	212.9	184.0	155.0	162.2
60°	4842.3	4391.0	3137.9	1884.6	1168.1	451.6	316.2	180.5	162.5	144.4	143.1
62.5°	4798.7	4296.2	3051.1	1806.0	1100.7	395.3	278.0	160.6	147.1	133.3	130.3
65°	4671.3	3998.3	2807.9	1617.5	986.8	356.0	253.8	151.6	136.5	121.3	118.1
67.5°	4420.2	3574.4	2463.3	1352.3	842.1	331.8	240.0	148.1	129.8	111.2	107.5
70°	3969.4	3064.1	2066.5	1068.5	692.9	317.0	231.0	144.9	122.6	100.1	96.6
72.5°	3260.3	2456.7	1650.2	843.4	579.3	315.1	229.9	144.7	116.8	88.9	85.7
75°	2334.3	1866.0	1259.7	653.1	474.4	295.7	218.2	140.7	108.8	76.7	73.8
77.5°	1570.8	1291.5	875.5	459.3	352.0	244.8	183.4	122.1	93.2	64.2	61.3
80°	1008.8	893.9	586.7	279.5	228.3	177.1	131.1	85.2	68.0	50.4	48.1
82.5°	740.1	665.3	407.8	150.3	126.9	103.3	80.2	57.1	46.5	35.8	34.8
85°	470.4	518.7	300.3	81.8	66.9	52.0	43.0	34.0	26.8	19.6	19.6
87.5°	91.3	126.4	83.1	39.6	28.9	18.3	15.7	12.7	7.2	1.3	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):**

	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°	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9
2.5°	1907.2	1888.9	1870.5	1849.8	1828.9	1809.5	1789.8	1768.3	1772.3	1755.9	1739.4
5°	1587.5	1558.3	1528.9	1503.4	1477.9	1455.9	1433.6	1413.7	1430.9	1419.2	1407.6
7.5°	1227.0	1190.9	1154.6	1124.0	1093.5	1069.9	1046.0	1029.5	1046.5	1044.4	1042.3
10°	1026.3	991.3	956.0	922.3	888.5	859.9	830.9	806.5	802.3	790.1	777.6
12.5°	939.3	891.2	842.9	807.6	772.3	738.0	703.8	675.1	662.1	641.9	621.5
15°	833.9	777.0	720.2	680.1	639.8	606.6	573.2	548.5	540.2	524.6	508.9
17.5°	695.0	632.9	570.8	530.2	489.3	462.7	435.9	419.5	419.5	414.9	410.4
20°	531.7	476.3	420.8	389.7	358.7	344.6	330.3	323.3	325.5	325.7	325.7
22.5°	390.0	356.0	322.0	309.5	296.8	291.8	286.7	283.8	284.9	285.1	285.4
25°	307.2	294.1	280.9	274.5	267.9	264.7	261.5	260.4	262.8	263.1	263.1
27.5°	269.7	261.8	253.5	249.5	245.3	244.0	242.6	240.8	243.2	243.2	242.9
30°	250.9	242.4	233.9	228.8	223.8	224.3	224.6	224.1	225.7	226.7	227.5
32.5°	235.5	227.2	219.0	214.0	208.7	207.9	207.1	206.5	210.0	211.8	213.7
35°	221.7	212.6	203.6	198.8	194.1	192.2	190.3	189.0	192.2	194.6	197.0
37.5°	212.4	203.1	193.5	189.0	184.2	181.9	179.5	177.9	179.2	180.3	181.3
40°	204.9	195.4	185.6	180.3	174.9	172.6	170.2	168.8	169.6	169.9	170.2
42.5°	198.0	188.8	179.5	173.6	167.5	164.6	161.7	160.1	160.6	161.1	161.4
45°	193.0	183.7	174.2	167.2	160.1	156.9	153.7	151.9	152.1	152.1	152.1
47.5°	197.8	184.2	170.4	162.5	154.2	150.5	146.8	144.9	144.4	143.9	143.4
50°	215.3	192.2	168.8	158.8	148.4	144.4	140.2	138.0	136.7	136.2	135.7
52.5°	210.3	190.3	170.2	157.2	143.9	139.1	134.3	130.9	129.6	128.8	128.0
55°	192.5	180.0	167.2	151.6	135.9	131.7	127.2	124.8	122.4	121.9	121.3
57.5°	169.1	164.1	159.0	143.1	127.2	123.2	118.9	117.3	115.2	115.2	115.0
60°	141.5	148.9	156.4	138.0	119.5	115.0	110.4	109.1	108.3	108.0	107.8
62.5°	127.2	139.4	151.3	131.9	112.3	107.5	102.7	101.1	100.9	101.1	101.1
65°	115.0	118.7	122.4	113.4	104.3	99.6	94.5	92.9	93.4	94.2	95.0
67.5°	103.8	103.0	102.2	99.0	95.6	91.6	87.3	85.7	86.0	87.1	88.1
70°	93.2	92.1	90.8	88.4	86.0	82.6	79.1	78.0	77.8	79.1	80.2
72.5°	82.6	81.2	79.6	77.8	75.7	72.7	69.8	69.0	69.3	70.1	70.9
75°	70.9	69.8	68.5	66.9	65.0	62.4	59.7	59.2	59.7	60.5	61.3
77.5°	58.1	57.9	57.3	56.0	54.7	51.8	48.6	48.3	49.1	49.9	50.4
80°	45.4	45.7	45.9	44.9	43.8	40.6	37.2	36.9	37.7	38.5	39.3
82.5°	33.4	34.2	34.8	33.4	32.1	28.4	24.7	24.2	26.8	27.6	28.4
85°	19.4	20.4	21.5	20.4	19.4	15.7	11.9	11.7	14.1	15.4	16.7
87.5°	1.6	2.1	2.7	2.4	2.1	1.1	0.0	0.0	0.3	1.3	2.4
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



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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: P385945  
 CATALOG NUMBER: GWC-SA1C-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9
2.5°	1729.0	1718.7	1715.5	1712.3	1700.6	1688.7	1700.9	1712.8	1717.9	1722.9	1709.9
5°	1406.0	1404.1	1404.1	1403.8	1393.2	1382.3	1390.6	1398.5	1380.7	1363.0	1361.1
7.5°	1053.7	1065.1	1074.4	1083.4	1080.0	1076.5	1084.2	1091.9	1069.3	1046.5	1035.4
10°	780.2	782.6	792.7	802.8	805.2	807.3	816.9	826.2	808.6	791.1	783.4
12.5°	608.7	596.0	597.3	598.4	603.2	607.7	617.8	627.6	620.4	613.0	613.8
15°	493.0	476.8	470.2	463.3	468.6	473.9	481.0	487.9	488.2	488.2	495.1
17.5°	402.5	394.2	387.6	380.7	387.9	394.8	395.6	396.4	396.6	396.9	396.4
20°	329.7	333.7	331.6	329.5	332.1	334.5	336.6	338.5	336.1	333.4	326.8
22.5°	289.1	292.6	295.2	297.6	302.1	306.4	304.2	301.8	297.1	292.0	287.0
25°	265.5	267.9	270.5	273.2	276.9	280.3	276.6	272.9	269.5	266.0	262.6
27.5°	245.6	248.0	250.3	252.5	255.9	259.1	255.7	252.2	249.3	246.4	243.7
30°	229.4	231.0	232.8	234.7	237.9	240.8	237.9	234.7	232.6	230.2	228.3
32.5°	215.6	217.2	218.0	218.8	221.7	224.6	222.5	220.3	218.5	216.6	215.3
35°	200.4	203.6	204.2	204.7	207.6	210.5	209.2	207.6	205.5	203.4	201.0
37.5°	185.0	188.8	190.9	192.7	195.7	198.6	197.2	195.9	193.0	190.1	185.8
40°	172.0	173.6	177.6	181.3	186.1	190.6	188.0	185.0	180.5	176.0	173.9
42.5°	161.1	160.9	164.6	168.3	175.5	182.4	177.6	172.8	168.6	164.3	163.8
45°	151.6	150.8	152.6	154.5	162.2	169.6	164.9	159.8	157.4	155.0	155.0
47.5°	143.1	142.6	143.9	144.9	149.7	154.2	151.9	149.5	148.1	146.8	147.1
50°	135.4	134.9	136.2	137.3	139.1	140.7	141.2	141.5	140.7	139.9	140.4
52.5°	128.2	128.2	128.8	129.0	131.4	133.8	133.8	133.5	133.5	133.5	134.1
55°	122.1	122.6	122.6	122.6	126.4	129.8	128.8	127.7	128.0	128.0	128.5
57.5°	116.0	116.8	117.3	117.9	121.6	125.3	124.2	123.2	123.2	123.2	123.4
60°	109.1	110.2	111.2	112.3	116.0	119.7	118.7	117.3	117.6	117.9	118.1
62.5°	102.5	103.5	104.6	105.7	109.4	113.1	112.0	110.7	111.5	112.0	112.0
65°	96.1	96.9	98.0	99.0	102.5	105.9	104.9	103.8	104.9	105.7	106.2
67.5°	88.9	89.5	90.5	91.6	95.0	98.5	97.4	96.1	97.4	98.5	99.6
70°	80.7	81.2	82.6	83.6	87.1	90.5	89.2	87.9	89.2	90.5	91.6
72.5°	71.7	72.2	73.5	74.6	78.6	82.6	81.0	79.4	81.0	82.6	83.1
75°	61.9	62.4	64.0	65.3	69.3	73.3	71.9	70.4	71.7	73.0	73.3
77.5°	51.2	52.0	54.2	56.3	59.5	62.7	61.9	61.1	61.9	62.7	62.7
80°	40.1	40.9	43.5	45.9	47.8	49.6	49.9	50.2	50.4	50.7	50.4
82.5°	29.7	30.8	33.2	35.6	35.6	35.6	37.7	39.6	39.6	39.3	39.0
85°	18.3	19.6	21.8	23.9	22.6	21.2	24.7	27.9	27.9	27.6	27.1
87.5°	3.7	5.0	7.2	9.0	7.7	6.4	9.8	13.3	13.5	13.5	13.0
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: P385945  
 CATALOG NUMBER: GWC-SA1C-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: P385945

CATALOG NUMBER: GWC-SA1C-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9
2.5°	1696.7	1717.4	1737.8	1743.1	1751.1	1754.5	1757.7	1783.7	1809.5	1839.7	1870.0
5°	1359.0	1374.4	1389.8	1392.2	1400.4	1404.6	1408.9	1440.5	1471.8	1514.0	1556.2
7.5°	1024.2	1027.9	1031.6	1031.1	1038.0	1047.3	1056.3	1090.0	1123.5	1168.9	1214.0
10°	775.7	784.2	792.4	800.1	815.3	832.8	850.1	884.6	919.1	963.9	1008.5
12.5°	614.6	624.4	634.0	642.5	660.0	683.3	706.4	747.8	789.3	842.9	896.2
15°	501.7	501.0	500.2	506.0	521.4	546.9	572.1	615.9	659.7	718.6	777.3
17.5°	395.8	391.8	387.9	392.4	406.7	427.7	448.4	485.6	522.5	579.5	636.6
20°	320.2	317.5	314.9	319.1	328.1	336.9	345.6	372.5	399.0	445.5	491.7
22.5°	281.7	281.4	280.9	283.3	287.5	292.0	296.3	309.3	322.0	352.0	381.8
25°	259.1	258.8	258.6	259.6	263.1	266.5	270.0	278.5	287.0	301.3	315.7
27.5°	241.1	240.5	240.0	240.3	241.1	246.4	251.4	255.4	259.1	268.9	278.5
30°	226.5	226.2	225.9	225.9	225.1	227.0	228.8	234.9	240.8	250.9	261.0
32.5°	214.0	212.6	211.3	208.4	206.5	209.2	211.8	218.2	224.6	233.9	243.2
35°	198.3	194.9	191.1	189.5	189.8	192.5	195.1	201.5	207.6	217.7	227.5
37.5°	181.3	180.3	178.9	178.7	179.5	182.1	184.8	190.3	195.7	205.7	215.6
40°	171.8	171.2	170.7	170.2	170.7	173.4	176.0	181.3	186.4	196.2	205.7
42.5°	163.3	163.0	162.7	162.7	163.0	165.9	168.8	174.2	179.2	188.0	196.7
45°	155.0	155.3	155.3	155.8	156.6	159.6	162.2	168.0	173.9	182.4	190.9
47.5°	147.3	148.1	148.7	150.0	150.8	154.0	156.9	163.3	169.6	180.3	190.6
50°	140.7	141.5	142.0	143.1	145.2	148.9	152.6	160.3	167.8	185.6	203.1
52.5°	134.6	135.4	136.2	137.3	139.9	144.2	148.4	158.0	167.2	188.0	208.7
55°	129.0	129.8	130.3	131.9	134.6	138.3	141.8	153.4	165.1	180.3	195.4
57.5°	123.7	124.5	125.0	126.1	127.4	131.4	135.1	147.6	160.1	170.7	181.1
60°	118.1	118.7	118.9	118.9	120.0	124.5	129.0	144.9	160.6	158.8	156.6
62.5°	112.0	112.6	112.8	112.0	113.4	118.1	122.9	143.6	164.3	151.6	138.8
65°	106.5	106.2	105.9	105.1	106.7	111.5	116.0	126.4	136.7	131.7	126.6
67.5°	100.3	99.6	98.8	97.7	99.3	103.5	107.5	111.0	114.4	115.0	115.5
70°	92.7	91.6	90.5	90.3	91.1	94.5	98.0	100.3	102.5	103.5	104.3
72.5°	83.6	82.8	82.0	81.5	81.8	84.7	87.3	89.5	91.6	92.4	92.9
75°	73.5	73.5	73.3	71.7	71.7	74.1	76.2	78.0	79.9	81.0	82.0
77.5°	62.7	62.9	62.9	60.8	60.5	62.9	65.0	66.6	68.0	69.0	69.8
80°	50.2	49.6	49.1	47.8	47.3	50.2	52.8	54.2	55.2	55.5	55.5
82.5°	38.5	37.4	36.1	33.2	33.4	36.6	39.6	40.6	41.7	41.7	41.7
85°	26.3	24.2	21.8	19.4	19.6	23.1	26.3	27.3	28.4	28.9	29.2
87.5°	12.5	10.4	8.0	6.1	6.1	9.0	11.7	12.2	12.7	13.8	14.9
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: P385945  
 CATALOG NUMBER: GWC-SA1C-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: P385945

CATALOG NUMBER: GWC-SA1C-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9
2.5°	1893.1	1915.9	1939.6	1963.2	1990.3	2017.3	2048.9	2080.3	2107.1	2133.9	2156.2
5°	1592.6	1629.0	1671.7	1714.4	1768.9	1823.3	1889.9	1956.3	2015.5	2074.7	2143.4
7.5°	1261.5	1308.8	1364.5	1420.3	1490.6	1561.0	1647.3	1733.6	1817.2	1900.5	2006.2
10°	1058.2	1107.8	1162.8	1217.5	1289.1	1360.6	1451.9	1542.9	1636.9	1730.6	1850.1
12.5°	951.5	1006.4	1054.7	1103.0	1161.2	1219.1	1307.5	1395.9	1506.3	1616.5	1731.4
15°	837.6	897.6	955.4	1013.3	1076.8	1140.0	1226.0	1312.0	1432.8	1553.6	1685.8
17.5°	699.8	763.0	833.6	903.9	986.8	1069.3	1179.5	1289.7	1432.8	1575.6	1731.4
20°	556.2	620.7	705.1	789.5	892.5	995.3	1138.1	1280.9	1473.7	1666.1	1865.0
22.5°	438.8	495.6	587.8	679.6	798.5	917.5	1100.7	1283.6	1535.5	1787.2	2055.6
25°	355.7	395.8	486.4	576.6	713.9	851.1	1077.8	1304.3	1625.5	1946.5	2279.4
27.5°	304.8	331.0	415.5	499.6	649.6	799.3	1068.5	1337.5	1739.7	2141.9	2522.8
30°	279.3	297.6	369.0	440.2	592.5	744.9	1057.4	1369.9	1849.6	2329.0	2713.2
32.5°	258.0	272.6	333.7	394.5	543.2	691.8	1035.9	1379.7	1926.3	2472.9	2874.3
35°	240.0	252.2	305.3	358.4	504.4	650.4	999.8	1349.1	1974.3	2599.5	3042.1
37.5°	225.4	234.9	284.1	333.2	471.0	608.7	958.6	1308.5	2017.1	2725.6	3230.8
40°	214.0	222.2	268.1	314.1	439.1	564.1	923.3	1282.2	2076.0	2869.8	3430.2
42.5°	207.6	218.2	254.3	290.2	408.8	527.5	894.9	1262.3	2130.7	2998.8	3604.6
45°	206.0	221.1	247.2	273.2	386.3	499.4	869.7	1239.8	2166.0	3092.3	3736.0
47.5°	203.4	215.8	241.6	267.3	375.1	482.6	856.2	1229.4	2201.3	3173.0	3845.1
50°	204.9	206.5	237.1	267.3	373.5	479.7	871.6	1263.4	2277.8	3291.9	3969.9
52.5°	202.0	195.1	228.6	262.0	373.3	484.5	915.9	1347.3	2419.8	3492.1	4105.0
55°	186.6	177.6	212.6	247.7	367.7	487.4	968.7	1449.8	2610.4	3770.8	4348.0
57.5°	173.1	164.9	194.6	224.1	350.7	477.3	1023.1	1568.7	2811.9	4054.9	4621.7
60°	155.0	153.2	174.4	195.7	324.4	452.9	1068.0	1682.8	2947.3	4211.5	4727.1
62.5°	140.2	141.2	156.9	172.6	291.5	410.2	1082.9	1755.3	2943.6	4131.9	4620.9
65°	128.8	130.6	146.0	161.4	263.4	365.3	1034.0	1702.5	2794.7	3886.6	4410.9
67.5°	117.6	119.7	138.0	156.1	238.4	320.4	911.9	1503.1	2526.8	3550.2	4143.8
70°	107.0	109.6	129.6	149.5	220.3	291.0	754.5	1218.0	2191.5	3164.7	3834.5
72.5°	95.6	98.2	119.5	140.7	208.9	276.9	615.1	953.1	1778.4	2603.5	3279.9
75°	83.9	85.7	108.8	131.7	193.3	254.9	482.6	710.1	1361.1	2012.0	2477.4
77.5°	72.2	74.6	94.0	113.1	164.1	214.8	363.7	512.6	998.7	1484.5	1722.9
80°	57.6	59.7	73.5	87.1	126.6	165.9	250.1	334.2	687.3	1040.4	1174.7
82.5°	44.1	46.5	55.7	64.8	90.3	115.7	151.6	187.4	456.6	725.5	736.7
85°	30.3	31.1	37.7	44.1	55.7	67.4	86.8	106.2	302.1	498.0	414.9
87.5°	15.1	15.1	19.6	24.2	30.0	35.8	45.9	55.7	96.6	137.5	79.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385945  
 CATALOG NUMBER: GWC-SA1C-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: P385945

CATALOG NUMBER: GWC-SA1C-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9
2.5°	2184.6	2204.0	2223.6	2238.5	2253.6	2275.4	2297.2	2301.1	2305.4	2296.9	2288.4
5°	2212.7	2271.4	2330.3	2384.8	2439.2	2471.8	2504.5	2511.1	2517.8	2497.3	2476.6
7.5°	2108.4	2210.6	2312.8	2406.5	2500.2	2557.1	2614.1	2626.9	2639.9	2606.4	2573.0
10°	1969.0	2094.6	2220.2	2343.6	2467.1	2549.6	2632.2	2648.6	2665.1	2623.4	2581.7
12.5°	1861.2	1995.3	2129.4	2259.5	2389.8	2475.3	2560.8	2581.2	2601.7	2571.4	2540.9
15°	1828.1	1954.2	2080.3	2193.6	2307.2	2377.1	2447.2	2455.4	2463.9	2459.1	2454.3
17.5°	1888.3	2002.2	2116.4	2178.0	2239.8	2267.7	2295.8	2304.9	2314.1	2326.1	2338.3
20°	2034.3	2114.5	2195.0	2192.3	2189.4	2175.8	2162.0	2159.6	2157.3	2191.5	2226.0
22.5°	2252.3	2284.1	2316.3	2241.7	2167.1	2121.7	2076.0	2067.0	2057.7	2094.1	2130.7
25°	2488.8	2483.0	2476.9	2334.9	2192.6	2106.0	2019.5	2009.4	1999.3	2030.4	2061.7
27.5°	2723.0	2684.8	2646.5	2453.5	2260.5	2135.0	2009.4	1999.3	1989.2	2016.8	2044.4
30°	2894.7	2833.4	2772.1	2553.6	2335.1	2185.9	2036.7	2020.3	2003.5	2037.5	2071.5
32.5°	3028.8	2946.5	2864.2	2634.8	2405.5	2244.1	2082.7	2056.9	2031.2	2076.5	2121.9
35°	3162.6	3046.9	2930.8	2707.3	2483.5	2312.8	2141.9	2110.3	2078.7	2141.1	2203.4
37.5°	3330.9	3164.7	2998.3	2788.8	2579.4	2415.8	2252.0	2219.6	2187.3	2266.6	2346.3
40°	3513.6	3291.9	3070.2	2878.0	2685.8	2558.4	2430.7	2399.9	2368.8	2465.5	2562.1
42.5°	3665.4	3410.3	3155.2	2985.5	2815.6	2725.9	2635.9	2635.6	2635.1	2733.1	2831.0
45°	3788.9	3509.1	3229.0	3090.4	2951.6	2904.8	2858.1	2895.5	2933.0	3021.4	3110.0
47.5°	3881.0	3591.9	3302.5	3210.4	3118.3	3125.2	3132.1	3208.3	3284.5	3341.3	3398.3
50°	3941.0	3667.0	3392.8	3364.4	3336.0	3397.8	3459.9	3547.3	3634.9	3673.6	3712.4
52.5°	4028.3	3769.0	3509.3	3541.2	3573.0	3699.4	3825.8	3914.2	4002.6	4016.9	4031.5
55°	4230.3	3956.4	3682.1	3743.2	3804.5	3989.8	4175.4	4244.4	4313.4	4318.8	4324.1
57.5°	4517.3	4218.9	3920.5	3986.4	4052.2	4266.2	4480.4	4554.8	4629.4	4619.0	4608.4
60°	4732.1	4468.2	4204.1	4270.4	4336.8	4545.5	4754.1	4839.6	4925.4	4902.5	4879.7
62.5°	4745.4	4604.4	4463.2	4523.2	4583.4	4787.8	4992.3	5080.1	5168.0	5128.2	5088.4
65°	4534.3	4597.5	4660.7	4680.6	4700.5	4891.1	5082.0	5149.2	5216.6	5196.4	5176.2
67.5°	4243.6	4476.4	4709.5	4669.4	4629.4	4718.8	4808.3	4877.6	4946.9	4935.5	4923.8
70°	3953.5	4264.3	4575.2	4378.2	4181.0	4144.1	4107.2	4181.8	4256.6	4210.4	4164.0
72.5°	3459.4	3790.7	4122.3	3759.4	3396.5	3270.4	3144.3	3239.1	3333.8	3260.3	3186.5
75°	2715.5	3081.6	3448.0	3015.0	2582.0	2413.7	2245.4	2326.9	2408.4	2358.0	2307.2
77.5°	2021.6	2382.4	2743.2	2303.0	1862.6	1737.5	1612.2	1636.4	1660.8	1652.3	1643.6
80°	1371.2	1622.6	1874.3	1581.2	1288.1	1297.6	1307.5	1296.1	1284.4	1301.4	1318.4
82.5°	875.0	1069.1	1263.4	1107.8	952.3	1041.5	1130.7	1086.9	1042.8	1059.0	1075.4
85°	499.4	689.2	879.3	819.5	759.5	811.6	863.9	795.9	727.9	757.7	787.7
87.5°	131.7	381.2	631.0	572.9	514.8	447.3	379.9	289.9	199.9	292.0	384.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385945  
 CATALOG NUMBER: GWC-SA1C-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: P385945  
 CATALOG NUMBER: GWC-SA1C-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9	2022.9
2.5°	2283.9	2279.4	2263.2	2246.7	2222.3	2202.1	2167.1
5°	2447.9	2419.3	2369.9	2320.3	2265.0	2201.6	2131.2
7.5°	2506.1	2438.9	2344.1	2249.1	2163.6	2063.3	1969.8
10°	2481.4	2380.8	2257.6	2134.2	2030.4	1914.9	1811.1
12.5°	2434.1	2327.2	2191.5	2055.6	1937.4	1813.5	1697.2
15°	2369.1	2283.6	2156.5	2029.3	1910.4	1789.8	1652.1
17.5°	2298.0	2257.3	2165.5	2073.4	1970.4	1853.5	1691.9
20°	2240.6	2255.5	2218.8	2182.2	2099.6	1997.7	1816.1
22.5°	2201.9	2273.3	2301.4	2329.8	2280.2	2200.5	1990.5
25°	2180.1	2298.5	2392.7	2487.2	2465.2	2403.9	2202.4
27.5°	2189.6	2334.9	2481.1	2627.7	2648.1	2631.1	2425.6
30°	2218.3	2365.4	2543.5	2721.9	2803.4	2826.3	2611.7
32.5°	2266.1	2410.3	2604.3	2798.6	2921.8	2994.6	2781.9
35°	2338.3	2473.2	2675.5	2877.8	3037.0	3169.8	2957.7
37.5°	2462.3	2578.3	2764.9	2951.8	3158.4	3357.7	3151.2
40°	2643.9	2725.9	2883.6	3041.6	3301.5	3570.6	3367.0
42.5°	2873.0	2915.2	3040.2	3165.3	3450.9	3763.9	3578.1
45°	3121.2	3132.3	3210.9	3289.8	3569.3	3895.6	3736.6
47.5°	3360.1	3321.9	3353.2	3384.5	3660.1	3989.6	3856.8
50°	3606.0	3499.5	3483.0	3466.6	3750.9	4100.3	4009.7
52.5°	3856.0	3680.5	3615.5	3550.2	3859.2	4247.1	4200.1
55°	4100.8	3877.5	3789.9	3702.3	4024.9	4426.3	4479.6
57.5°	4355.4	4102.4	4021.2	3939.9	4268.3	4653.3	4730.5
60°	4629.4	4378.8	4313.7	4248.4	4571.0	4898.6	4842.3
62.5°	4889.3	4690.2	4655.9	4621.4	4877.0	5087.0	4798.7
65°	5062.9	4949.3	4981.1	5013.2	5108.5	5134.0	4671.3
67.5°	4946.9	4970.0	5104.6	5239.4	5173.8	4994.4	4420.2
70°	4302.3	4440.9	4759.7	5078.8	4933.3	4620.3	3969.4
72.5°	3342.1	3497.9	3971.2	4444.9	4310.8	3927.4	3260.3
75°	2483.0	2659.0	3181.5	3703.9	3517.8	2937.7	2334.3
77.5°	1761.4	1879.3	2395.1	2911.2	2607.8	1955.5	1570.8
80°	1282.2	1246.1	1533.7	1821.2	1770.7	1293.4	1008.8
82.5°	987.3	899.2	1034.6	1169.9	1162.5	897.6	740.1
85°	752.4	717.0	836.8	956.5	854.0	607.9	470.4
87.5°	438.6	493.3	634.2	775.5	581.9	184.5	91.3
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: P385945  
 CATALOG NUMBER: GWC-SA1C-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

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

Scaled Data Report



Signify Classified - Internal  
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Scaled Data Report



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1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report







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

Scaled Data Report





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

Scaled Data Report





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

Scaled Data Report







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

Scaled Data Report





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

Scaled Data Report



(END OF REPORT)