

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: P386169

Luminaire Tested: **GWC-SA1D-735-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P386169  
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-SA1D-735-U-SLR  
Description: GALLEON WALL LUMINAIRE  
(1) 70 CRI, 3500K, 1200mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6841.6 lumens  
Efficiency: N/A  
Efficacy: 102.1 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B1 - U0 - G3

Input Watts (W): 67  
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

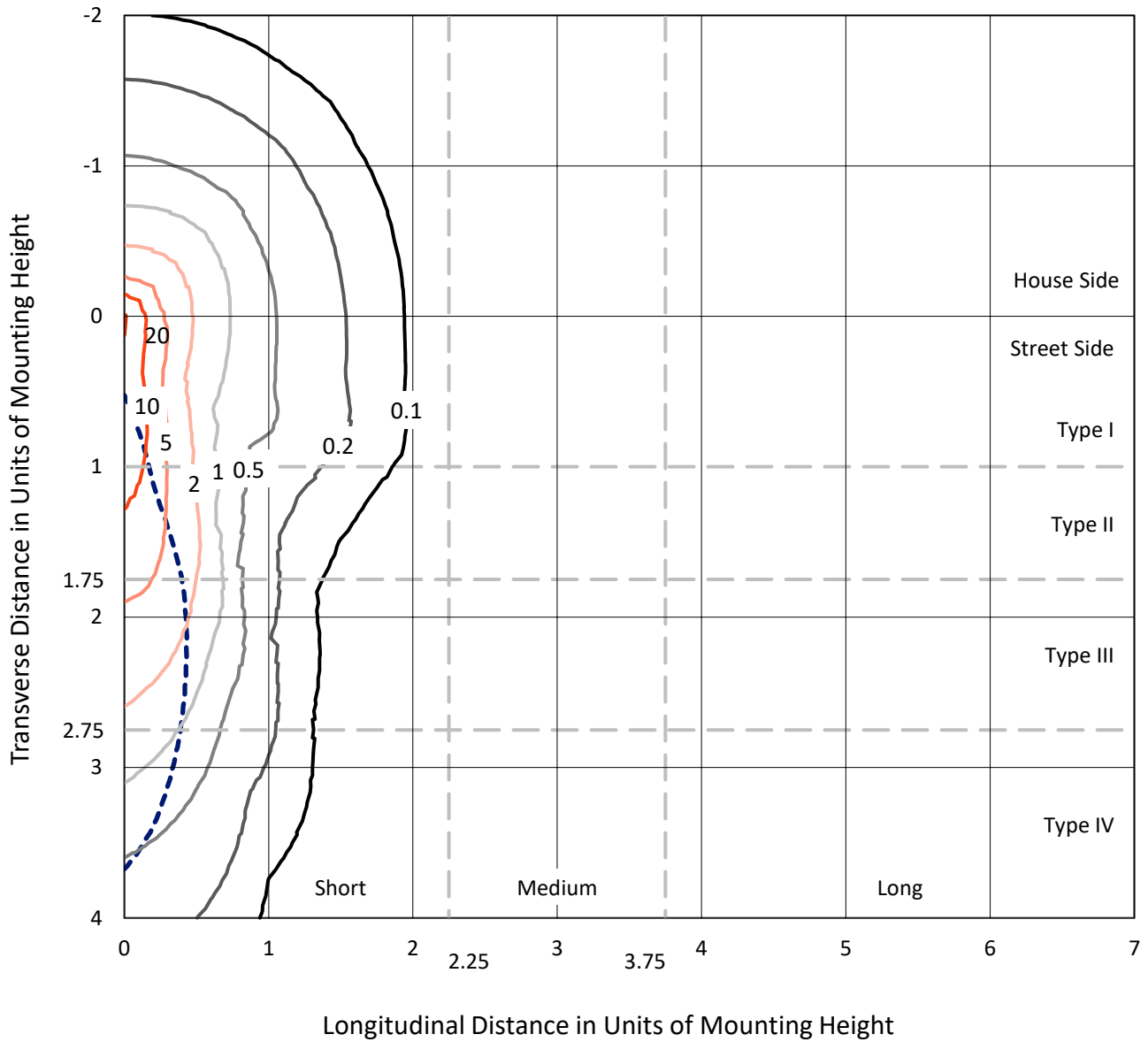




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### Iso-Footcandle Lines of Horizontal Illumination

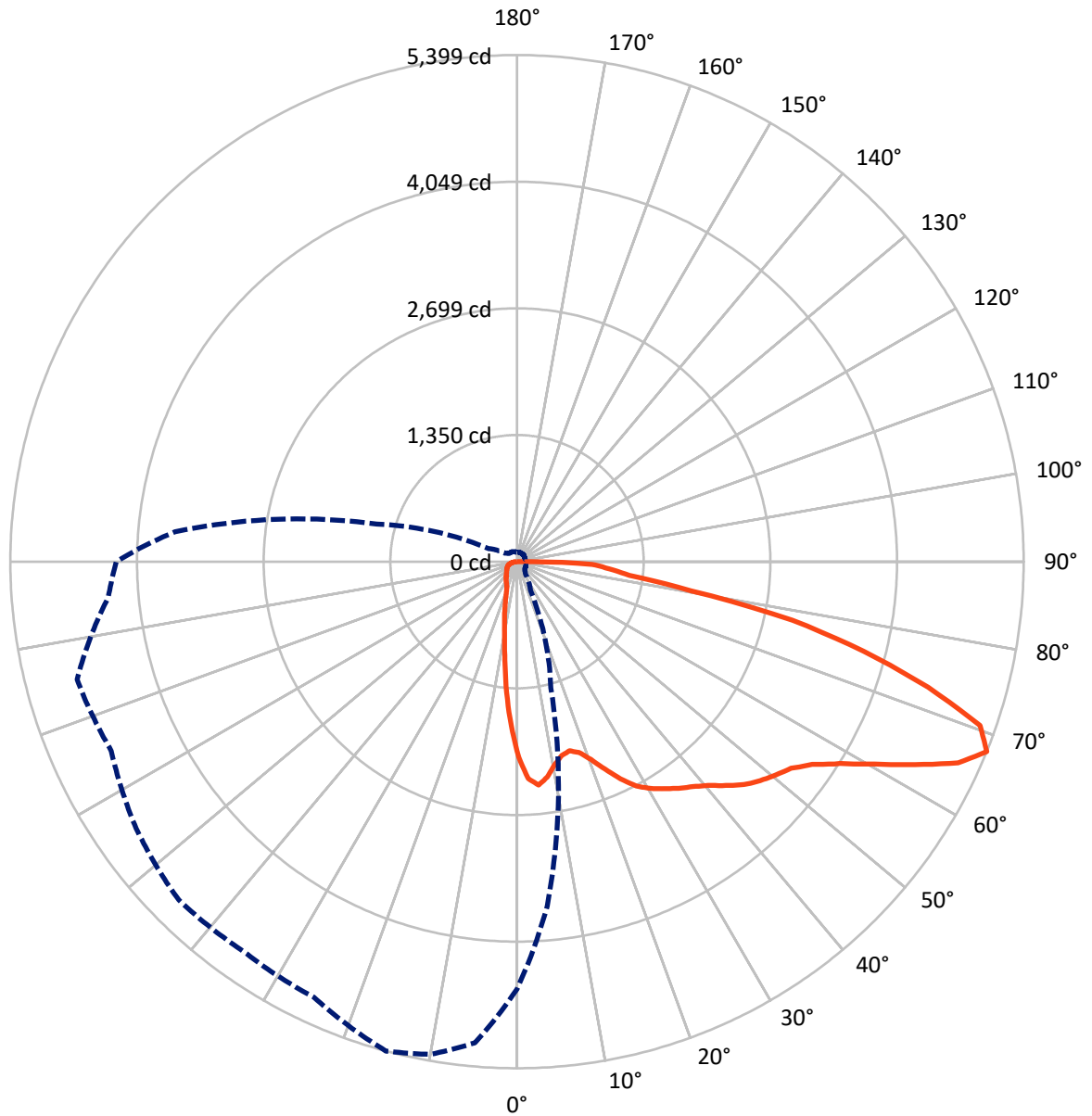
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 20.8 fc  
 Type IV - Medium - N/A

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### Luminous Intensity Polar Plot



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



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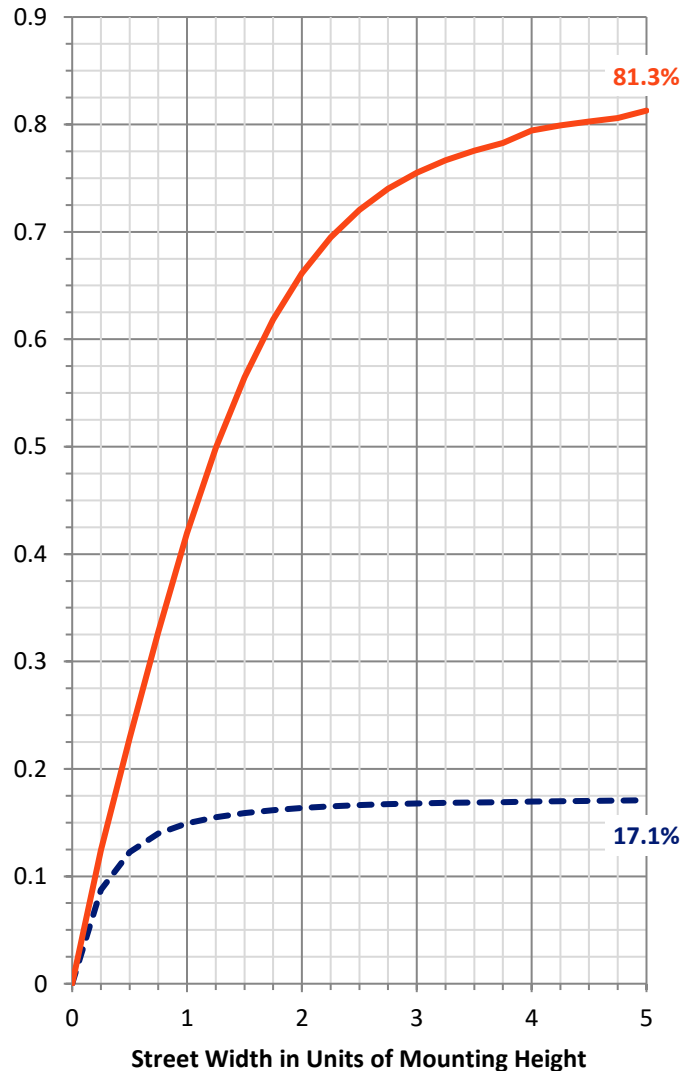
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1182.8	0.0	1182.8
	% Fixture	17.3	0.0	17.3
<b>Street Side</b>	Lumens	5658.8	0.0	5658.8
	% Fixture	82.7	0.0	82.7
<b>Total</b>	Lumens	6841.6	0.0	6841.6
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	160.9	2.4
10°-20°	334.2	4.9
20°-30°	475.3	6.9
30°-40°	684.9	10.0
40°-50°	965.2	14.1
50°-60°	1341.8	19.6
60°-70°	1622.6	23.7
70°-80°	997.4	14.6
80°-90°	259.5	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°	6841.6	100.0
0°-180°	6841.6	100.0

**Coefficient of Utilization**



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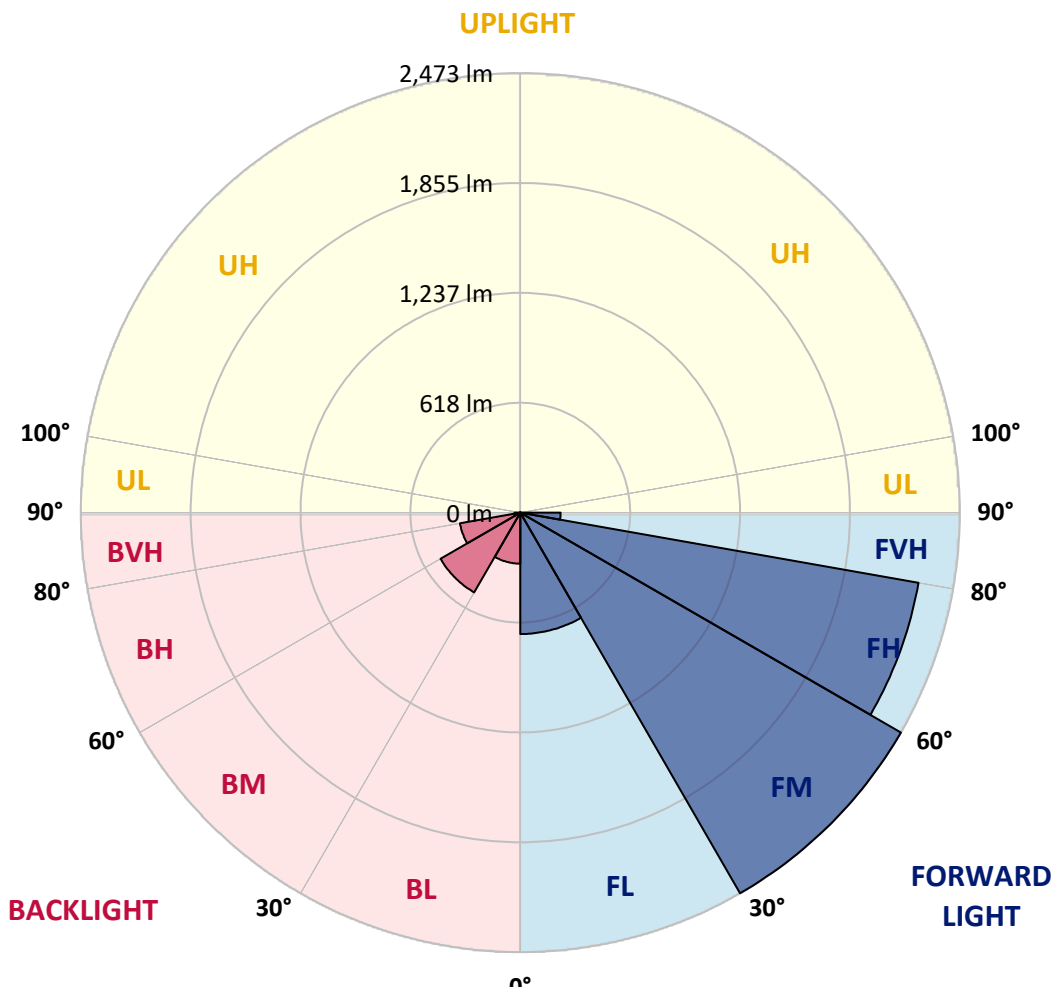
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	683.1	10.0			
FM (30°-60°)	2473.4	36.2			
FH (60°-80°)	2275.3	33.3			G2/5000
FVH (80°-90°)	227.0	3.3			G3/500
BL (0°-30°)	287.2	4.2	B1/500		
BM (30°-60°)	518.4	7.6	B1/1000		
BH (60°-80°)	344.7	5.0	B1/500		G1/500
BVH (80°-90°)	32.5	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-G3**

Type IV Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	2232.8	2213.2	2183.3	2153.6	2131.4	2108.9	2083.5	2058.1	2029.1	1999.8	1982.6
5°	2195.9	2141.3	2070.1	1999.0	1952.0	1904.9	1851.5	1798.2	1745.4	1692.6	1664.2
7.5°	2029.7	1947.6	1855.1	1762.7	1694.3	1625.6	1551.8	1477.7	1412.0	1346.1	1305.3
10°	1866.1	1767.6	1661.4	1555.1	1467.5	1380.0	1305.9	1231.5	1181.9	1132.4	1095.0
12.5°	1748.7	1639.6	1522.8	1405.7	1318.2	1230.6	1183.5	1136.6	1095.5	1054.5	1011.3
15°	1702.2	1578.8	1459.3	1339.5	1259.9	1180.3	1128.0	1075.5	1020.6	965.3	912.2
17.5°	1743.2	1598.8	1468.9	1338.9	1234.7	1130.6	1057.5	984.2	911.7	839.3	777.6
20°	1871.3	1686.9	1517.0	1346.9	1208.2	1069.5	971.6	873.4	780.4	687.4	617.7
22.5°	2051.0	1807.0	1585.1	1363.3	1184.1	1004.7	881.9	758.7	648.8	538.8	470.4
25°	2269.3	1966.2	1683.3	1400.3	1174.2	948.0	797.1	646.1	530.1	413.9	365.1
27.5°	2499.3	2156.0	1805.3	1454.4	1175.9	897.5	725.7	553.7	449.1	344.7	311.3
30°	2691.1	2372.9	1947.6	1521.9	1182.2	842.4	658.4	474.3	388.2	302.0	280.4
32.5°	2866.4	2524.2	2054.8	1585.1	1189.4	793.2	606.5	419.3	349.0	278.4	260.7
35°	3047.5	2658.5	2129.8	1600.7	1177.1	753.0	570.9	388.7	323.9	258.8	243.7
37.5°	3246.8	2803.7	2201.9	1599.9	1156.2	712.5	543.3	373.7	307.5	241.0	230.1
40°	3469.3	2964.4	2280.2	1596.1	1137.3	678.3	522.8	366.8	298.4	229.8	220.5
42.5°	3686.7	3117.5	2353.0	1588.4	1122.0	655.4	502.5	349.5	290.2	230.6	217.5
45°	3850.0	3251.2	2416.1	1580.7	1110.6	640.4	486.6	332.9	282.6	232.2	215.6
47.5°	3973.9	3385.6	2486.2	1586.5	1109.4	632.4	475.4	318.4	268.1	217.5	210.6
50°	4131.5	3547.0	2588.2	1629.5	1124.5	619.5	462.3	304.7	254.1	203.5	212.8
52.5°	4327.6	3777.2	2746.3	1715.1	1155.9	596.9	441.5	286.1	237.2	187.9	202.4
55°	4615.6	4072.4	2948.5	1824.2	1194.0	563.4	410.0	256.3	214.7	172.8	185.7
57.5°	4874.1	4370.5	3142.4	1913.9	1217.7	521.4	370.4	219.3	189.6	159.8	167.1
60°	4989.3	4524.3	3233.2	1941.8	1203.6	465.3	325.8	186.0	167.4	148.8	147.4
62.5°	4944.4	4426.6	3143.8	1860.8	1134.0	407.3	286.4	165.5	151.5	137.3	134.3
65°	4813.2	4119.7	2893.1	1666.7	1016.7	366.8	261.5	156.2	140.6	125.0	121.7
67.5°	4554.4	3682.9	2538.1	1393.4	867.6	341.9	247.2	152.7	133.8	114.6	110.8
70°	4089.9	3157.1	2129.2	1101.0	713.9	326.6	237.9	149.4	126.3	103.1	99.6
72.5°	3359.3	2531.3	1700.3	869.0	596.9	324.7	236.9	149.1	120.3	91.6	88.4
75°	2405.2	1922.7	1298.0	672.9	488.8	304.7	224.9	144.9	112.2	79.1	76.0
77.5°	1618.5	1330.7	902.1	473.2	362.7	252.2	189.0	125.8	96.0	66.2	63.2
80°	1039.4	921.0	604.5	288.0	235.2	182.4	135.1	87.8	70.0	51.9	49.5
82.5°	762.6	685.5	420.2	154.8	130.8	106.4	82.6	58.8	47.9	36.9	35.8
85°	484.7	534.5	309.3	84.3	69.0	53.6	44.3	35.0	27.6	20.2	20.2
87.5°	94.1	130.2	85.6	40.8	29.8	18.9	16.2	13.2	7.4	1.4	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°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	1965.1	1946.2	1927.4	1906.0	1884.4	1864.4	1844.2	1822.0	1826.1	1809.2	1792.2
5°	1635.8	1605.6	1575.3	1549.1	1522.8	1500.0	1477.1	1456.6	1474.4	1462.4	1450.3
7.5°	1264.2	1227.0	1189.6	1158.2	1126.7	1102.4	1077.8	1060.8	1078.2	1076.1	1073.9
10°	1057.5	1021.4	985.0	950.3	915.5	885.9	856.2	831.0	826.7	814.1	801.2
12.5°	967.8	918.3	868.5	832.1	795.8	760.4	725.1	695.6	682.2	661.4	640.4
15°	859.2	800.6	742.1	700.8	659.3	625.1	590.6	565.1	556.7	540.5	524.4
17.5°	716.1	652.1	588.1	546.3	504.2	476.7	449.1	432.2	432.2	427.5	422.9
20°	547.9	490.7	433.5	401.6	369.6	355.1	340.2	333.2	335.4	335.6	335.6
22.5°	401.8	366.8	331.8	318.9	305.8	300.6	295.4	292.4	293.5	293.7	294.0
25°	316.5	303.0	289.4	282.9	276.0	272.7	269.4	268.4	270.8	271.1	271.1
27.5°	277.9	269.7	261.2	257.1	252.8	251.4	250.0	248.1	250.5	250.5	250.3
30°	258.5	249.8	241.0	235.8	230.6	231.1	231.4	230.9	232.5	233.6	234.4
32.5°	242.6	234.2	225.6	220.5	215.0	214.2	213.3	212.8	216.3	218.3	220.2
35°	228.4	219.1	209.8	204.9	200.0	198.0	196.1	194.7	198.0	200.5	203.0
37.5°	218.8	209.3	199.4	194.7	189.9	187.4	184.9	183.3	184.6	185.7	186.8
40°	211.2	201.3	191.2	185.7	180.3	177.8	175.3	174.0	174.8	175.1	175.3
42.5°	204.0	194.5	184.9	178.9	172.6	169.6	166.6	165.0	165.5	166.0	166.3
45°	198.9	189.3	179.4	172.3	165.0	161.7	158.4	156.5	156.7	156.7	156.7
47.5°	203.8	189.9	175.6	167.4	158.9	155.1	151.2	149.4	148.8	148.2	147.7
50°	221.8	198.0	174.0	163.5	152.9	148.8	144.4	142.2	140.9	140.3	139.8
52.5°	216.6	196.1	175.3	162.0	148.2	143.4	138.4	134.9	133.5	132.6	131.9
55°	198.3	185.4	172.3	156.2	140.1	135.6	131.0	128.6	126.1	125.6	125.0
57.5°	174.3	169.1	163.8	147.4	131.0	126.9	122.6	120.9	118.7	118.7	118.5
60°	145.8	153.5	161.1	142.2	123.1	118.5	113.8	112.4	111.6	111.3	111.0
62.5°	131.0	143.6	155.9	135.9	115.7	110.8	105.9	104.2	103.9	104.2	104.2
65°	118.5	122.3	126.1	116.8	107.5	102.6	97.4	95.7	96.3	97.1	97.9
67.5°	107.0	106.2	105.3	102.0	98.4	94.4	90.0	88.4	88.6	89.7	90.8
70°	96.0	94.9	93.6	91.1	88.6	85.1	81.5	80.4	80.1	81.5	82.6
72.5°	85.1	83.7	82.1	80.1	78.0	75.0	72.0	71.1	71.4	72.2	73.0
75°	73.0	72.0	70.5	69.0	67.0	64.3	61.5	61.0	61.5	62.4	63.2
77.5°	59.9	59.7	59.1	57.7	56.4	53.4	50.1	49.8	50.6	51.4	51.9
80°	46.8	47.1	47.3	46.2	45.1	41.9	38.3	38.0	38.8	39.6	40.5
82.5°	34.5	35.3	35.8	34.5	33.1	29.3	25.5	24.9	27.6	28.5	29.3
85°	20.0	21.0	22.2	21.0	20.0	16.2	12.3	12.0	14.5	15.9	17.2
87.5°	1.6	2.2	2.7	2.4	2.2	1.1	0.0	0.0	0.3	1.4	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: P386169  
 CATALOG NUMBER: GWC-SA1D-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	1781.6	1770.9	1767.6	1764.3	1752.3	1739.9	1752.5	1764.8	1770.0	1775.3	1761.8
5°	1448.6	1446.8	1446.8	1446.5	1435.5	1424.3	1432.8	1441.0	1422.6	1404.3	1402.4
7.5°	1085.7	1097.4	1107.0	1116.3	1112.7	1109.1	1117.1	1125.0	1101.8	1078.2	1066.8
10°	803.9	806.4	816.8	827.1	829.7	831.8	841.7	851.3	833.1	815.1	807.2
12.5°	627.2	614.1	615.5	616.5	621.5	626.1	636.5	646.7	639.3	631.6	632.4
15°	507.9	491.3	484.4	477.3	482.8	488.3	495.6	502.8	503.0	503.0	510.2
17.5°	414.6	406.2	399.3	392.3	399.6	406.8	407.6	408.4	408.6	408.9	408.4
20°	339.7	343.8	341.7	339.5	342.2	344.7	346.8	348.8	346.3	343.5	336.7
22.5°	297.9	301.5	304.2	306.6	311.3	315.6	313.5	311.0	306.1	300.9	295.7
25°	273.6	276.0	278.7	281.4	285.3	288.9	285.0	281.2	277.7	274.1	270.5
27.5°	253.0	255.5	258.0	260.1	263.7	267.0	263.4	259.8	256.8	253.8	251.1
30°	236.4	237.9	239.9	241.8	245.1	248.1	245.1	241.8	239.6	237.2	235.2
32.5°	222.1	223.8	224.6	225.4	228.4	231.4	229.2	227.1	225.1	223.2	221.8
35°	206.5	209.8	210.3	210.9	213.9	216.9	215.6	213.9	211.7	209.5	207.0
37.5°	190.7	194.5	196.7	198.6	201.6	204.6	203.2	201.9	198.9	195.9	191.4
40°	177.3	178.9	183.0	186.8	191.7	196.4	193.7	190.7	186.0	181.4	179.1
42.5°	166.0	165.8	169.6	173.4	180.8	187.9	183.0	178.1	173.7	169.3	168.8
45°	156.2	155.4	157.3	159.2	167.1	174.8	169.8	164.7	162.2	159.8	159.8
47.5°	147.4	146.9	148.2	149.4	154.2	158.9	156.5	154.0	152.7	151.2	151.5
50°	139.5	138.9	140.3	141.4	143.4	144.9	145.5	145.8	144.9	144.2	144.7
52.5°	132.1	132.1	132.6	132.9	135.4	137.9	137.9	137.6	137.6	137.6	138.1
55°	125.8	126.3	126.3	126.3	130.2	133.8	132.6	131.6	131.9	131.9	132.4
57.5°	119.5	120.3	120.9	121.5	125.3	129.1	128.0	126.9	126.9	126.9	127.2
60°	112.4	113.5	114.6	115.7	119.5	123.3	122.3	120.9	121.2	121.5	121.7
62.5°	105.6	106.7	107.7	108.9	112.7	116.5	115.5	114.0	114.9	115.5	115.5
65°	99.0	99.9	100.9	102.0	105.6	109.2	108.0	107.0	108.0	108.9	109.4
67.5°	91.6	92.2	93.3	94.4	97.9	101.5	100.4	99.0	100.4	101.5	102.6
70°	83.1	83.7	85.1	86.1	89.7	93.3	91.9	90.6	91.9	93.3	94.4
72.5°	73.8	74.4	75.8	76.8	81.0	85.1	83.4	81.8	83.4	85.1	85.6
75°	63.7	64.3	65.9	67.3	71.4	75.5	74.1	72.5	73.8	75.2	75.5
77.5°	52.8	53.6	55.8	58.0	61.2	64.5	63.7	62.9	63.7	64.5	64.5
80°	41.3	42.1	44.9	47.3	49.2	51.2	51.4	51.7	51.9	52.2	51.9
82.5°	30.6	31.8	34.2	36.6	36.6	36.6	38.8	40.8	40.8	40.5	40.2
85°	18.9	20.2	22.5	24.6	23.3	21.9	25.5	28.7	28.7	28.5	27.9
87.5°	3.9	5.2	7.4	9.3	7.9	6.6	10.1	13.7	14.0	14.0	13.4
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):**

	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: P386169

CATALOG NUMBER: GWC-SA1D-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	1748.2	1769.5	1790.6	1796.0	1804.2	1807.8	1811.1	1837.9	1864.4	1895.6	1926.8
5°	1400.3	1416.1	1431.9	1434.5	1442.9	1447.3	1451.6	1484.2	1516.5	1560.0	1603.5
7.5°	1055.3	1059.2	1062.9	1062.5	1069.5	1079.1	1088.4	1123.1	1157.6	1204.4	1250.9
10°	799.2	808.1	816.5	824.4	840.0	858.0	875.9	911.4	947.0	993.2	1039.2
12.5°	633.2	643.4	653.2	662.0	680.0	704.1	727.8	770.6	813.2	868.5	923.4
15°	516.9	516.2	515.4	521.4	537.2	563.4	589.5	634.6	679.7	740.4	800.9
17.5°	407.9	403.8	399.6	404.3	419.1	440.7	462.0	500.3	538.3	597.2	656.0
20°	329.9	327.2	324.4	328.8	338.1	347.1	356.1	383.7	411.1	459.0	506.6
22.5°	290.2	290.0	289.4	291.9	296.3	300.9	305.3	318.6	331.8	362.7	393.3
25°	267.0	266.7	266.4	267.5	271.1	274.6	278.2	287.0	295.7	310.5	325.2
27.5°	248.4	247.8	247.2	247.5	248.4	253.8	259.1	263.1	267.0	277.1	287.0
30°	233.3	233.1	232.8	232.8	231.9	233.9	235.8	242.1	248.1	258.5	268.9
32.5°	220.5	219.1	217.8	214.7	212.8	215.6	218.3	224.9	231.4	241.0	250.5
35°	204.3	200.7	197.0	195.3	195.6	198.3	201.0	207.6	213.9	224.3	234.4
37.5°	186.8	185.7	184.4	184.1	184.9	187.7	190.4	196.1	201.6	212.0	222.1
40°	177.0	176.4	175.9	175.3	175.9	178.6	181.4	186.8	192.0	202.2	212.0
42.5°	168.2	168.0	167.7	167.7	168.0	171.0	174.0	179.4	184.6	193.7	202.7
45°	159.8	160.0	160.0	160.5	161.4	164.4	167.1	173.1	179.1	187.9	196.7
47.5°	151.8	152.7	153.2	154.5	155.4	158.7	161.7	168.2	174.8	185.7	196.4
50°	144.9	145.8	146.4	147.4	149.6	153.5	157.3	165.2	172.8	191.2	209.3
52.5°	138.7	139.5	140.3	141.4	144.2	148.5	152.9	162.8	172.3	193.7	215.0
55°	132.9	133.8	134.3	135.9	138.7	142.5	146.1	158.1	170.1	185.7	201.3
57.5°	127.5	128.3	128.8	129.9	131.3	135.4	139.2	152.1	165.0	175.9	186.6
60°	121.7	122.3	122.6	122.6	123.6	128.3	132.9	149.4	165.5	163.5	161.4
62.5°	115.5	116.0	116.3	115.5	116.8	121.7	126.6	148.0	169.3	156.2	143.1
65°	109.7	109.4	109.2	108.3	110.0	114.9	119.5	130.2	140.9	135.6	130.5
67.5°	103.4	102.6	101.7	100.7	102.3	106.7	110.8	114.3	117.9	118.5	119.0
70°	95.4	94.4	93.3	93.0	93.8	97.4	100.9	103.4	105.6	106.7	107.5
72.5°	86.1	85.3	84.5	84.0	84.3	87.3	90.0	92.2	94.4	95.2	95.7
75°	75.8	75.8	75.5	73.8	73.8	76.3	78.5	80.4	82.3	83.4	84.5
77.5°	64.5	64.8	64.8	62.7	62.4	64.8	67.0	68.7	70.0	71.1	72.0
80°	51.7	51.2	50.6	49.2	48.7	51.7	54.4	55.8	56.9	57.2	57.2
82.5°	39.6	38.6	37.2	34.2	34.5	37.8	40.8	41.9	42.9	42.9	42.9
85°	27.1	24.9	22.5	20.0	20.2	23.8	27.1	28.2	29.3	29.8	30.1
87.5°	12.9	10.7	8.2	6.3	6.3	9.3	12.0	12.6	13.2	14.2	15.3
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



REPORT NUMBER: P386169  
 CATALOG NUMBER: GWC-SA1D-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P386169

CATALOG NUMBER: GWC-SA1D-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	1950.6	1974.1	1998.5	2022.8	2050.7	2078.6	2111.2	2143.4	2171.0	2198.7	2221.7
5°	1640.9	1678.4	1722.5	1766.5	1822.6	1878.6	1947.3	2015.7	2076.7	2137.7	2208.5
7.5°	1299.8	1348.5	1406.0	1463.4	1535.9	1608.4	1697.3	1786.2	1872.3	1958.3	2067.1
10°	1090.4	1141.5	1198.1	1254.5	1328.3	1401.9	1496.0	1589.8	1686.6	1783.2	1906.3
12.5°	980.4	1037.0	1086.8	1136.6	1196.4	1256.1	1347.2	1438.2	1552.1	1665.5	1784.0
15°	863.0	924.8	984.5	1044.0	1109.4	1174.5	1263.2	1351.8	1476.3	1600.7	1736.9
17.5°	721.1	786.2	858.9	931.4	1016.7	1101.8	1215.3	1328.9	1476.3	1623.5	1784.0
20°	573.0	639.5	726.5	813.5	919.7	1025.4	1172.6	1319.8	1518.4	1716.7	1921.6
22.5°	452.1	510.7	605.6	700.2	822.8	945.3	1134.0	1322.6	1582.1	1841.4	2118.0
25°	366.6	407.9	501.1	594.2	735.5	876.9	1110.6	1343.9	1674.8	2005.6	2348.6
27.5°	314.0	341.1	428.1	514.8	669.3	823.7	1101.0	1378.1	1792.5	2206.9	2599.4
30°	287.7	306.6	380.2	453.5	610.5	767.6	1089.5	1411.4	1905.7	2399.8	2795.5
32.5°	265.8	280.9	343.8	406.5	559.7	712.8	1067.3	1421.6	1984.8	2548.0	2961.5
35°	247.2	259.8	314.6	369.3	519.7	670.2	1030.1	1390.1	2034.3	2678.5	3134.5
37.5°	232.2	242.1	292.7	343.3	485.3	627.2	987.8	1348.2	2078.3	2808.4	3328.9
40°	220.5	228.9	276.3	323.6	452.4	581.3	951.3	1321.2	2139.1	2956.9	3534.4
42.5°	213.9	224.9	262.1	299.0	421.2	543.5	922.1	1300.7	2195.4	3089.9	3714.1
45°	212.3	227.9	254.7	281.4	398.0	514.5	896.1	1277.4	2231.8	3186.1	3849.4
47.5°	209.5	222.4	248.9	275.4	386.5	497.3	882.2	1266.8	2268.2	3269.3	3961.9
50°	211.2	212.8	244.2	275.4	384.9	494.3	898.1	1301.7	2347.0	3391.9	4090.5
52.5°	208.2	201.0	235.5	270.0	384.6	499.2	943.7	1388.2	2493.2	3598.1	4229.7
55°	192.3	183.0	219.1	255.2	378.9	502.2	998.1	1493.8	2689.7	3885.3	4480.0
57.5°	178.4	169.8	200.5	230.9	361.4	491.8	1054.2	1616.3	2897.3	4178.0	4762.0
60°	159.8	157.8	179.7	201.6	334.2	466.7	1100.4	1733.9	3036.8	4339.3	4870.6
62.5°	144.4	145.5	161.7	177.8	300.3	422.6	1115.7	1808.6	3032.9	4257.3	4761.1
65°	132.6	134.6	150.5	166.3	271.4	376.4	1065.5	1754.2	2879.5	4004.5	4544.8
67.5°	121.2	123.3	142.2	160.8	245.7	330.2	939.6	1548.8	2603.5	3658.0	4269.6
70°	110.2	113.0	133.5	154.0	227.1	299.8	777.3	1254.9	2258.0	3260.8	3951.0
72.5°	98.4	101.2	123.1	144.9	215.3	285.3	633.8	981.9	1832.4	2682.5	3379.6
75°	86.4	88.4	112.2	135.6	199.2	262.6	497.3	731.7	1402.4	2073.1	2552.6
77.5°	74.4	76.8	96.9	116.5	169.1	221.3	374.7	528.2	1029.0	1529.6	1775.3
80°	59.4	61.5	75.8	89.7	130.5	171.0	257.7	344.4	708.2	1071.9	1210.4
82.5°	45.4	47.9	57.4	66.7	93.0	119.3	156.2	193.1	470.4	747.6	759.0
85°	31.2	32.0	38.8	45.4	57.4	69.5	89.4	109.4	311.3	513.2	427.5
87.5°	15.6	15.6	20.2	24.9	30.9	36.9	47.3	57.4	99.6	141.7	81.5
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: P386169  
 CATALOG NUMBER: GWC-SA1D-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P386169

CATALOG NUMBER: GWC-SA1D-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	2250.9	2270.9	2291.2	2306.5	2322.1	2344.4	2366.9	2371.0	2375.4	2366.6	2357.9
5°	2279.9	2340.4	2401.1	2457.2	2513.3	2546.9	2580.5	2587.4	2594.2	2573.2	2551.8
7.5°	2172.4	2277.7	2383.1	2479.6	2576.2	2634.7	2693.5	2706.7	2720.0	2685.5	2651.1
10°	2028.8	2158.2	2287.6	2414.8	2542.0	2627.0	2712.1	2729.0	2746.0	2703.1	2660.2
12.5°	1917.8	2055.9	2194.0	2328.1	2462.3	2550.5	2638.6	2659.6	2680.7	2649.5	2618.0
15°	1883.6	2013.5	2143.4	2260.2	2377.3	2449.3	2521.4	2530.0	2538.7	2533.7	2528.8
17.5°	1945.7	2063.0	2180.6	2244.1	2307.8	2336.6	2365.6	2374.9	2384.4	2396.7	2409.3
20°	2096.1	2178.7	2261.6	2258.9	2255.9	2241.9	2227.7	2225.2	2222.8	2258.0	2293.6
22.5°	2320.7	2353.5	2386.6	2309.8	2232.8	2186.1	2139.1	2129.8	2120.2	2157.7	2195.4
25°	2564.4	2558.3	2552.1	2405.8	2259.1	2170.0	2080.8	2070.4	2060.0	2092.0	2124.3
27.5°	2805.7	2766.2	2726.9	2528.0	2329.1	2199.8	2070.4	2060.0	2049.6	2078.0	2106.5
30°	2982.7	2919.4	2856.2	2631.1	2406.0	2252.3	2098.6	2081.6	2064.4	2099.4	2134.4
32.5°	3120.8	3035.9	2951.2	2714.8	2478.5	2312.2	2145.9	2119.4	2092.8	2139.6	2186.3
35°	3258.7	3139.4	3019.9	2789.5	2558.9	2383.1	2206.9	2174.3	2141.8	2206.1	2270.3
37.5°	3432.1	3260.8	3089.3	2873.5	2657.6	2489.2	2320.4	2287.0	2253.7	2335.4	2417.5
40°	3620.2	3391.9	3163.4	2965.4	2767.4	2636.0	2504.5	2472.8	2440.7	2540.3	2639.9
42.5°	3776.7	3513.8	3251.0	3076.1	2901.1	2808.7	2716.0	2715.7	2715.1	2816.0	2917.0
45°	3903.9	3615.6	3327.1	3184.3	3041.2	2993.0	2944.9	2983.4	3022.0	3113.2	3204.5
47.5°	3998.8	3700.9	3402.8	3307.9	3212.9	3220.1	3227.2	3305.6	3384.2	3442.7	3501.5
50°	4060.6	3778.3	3495.8	3466.6	3437.2	3501.0	3565.0	3655.0	3745.3	3785.2	3825.1
52.5°	4150.6	3883.4	3615.9	3648.7	3681.5	3811.7	3941.9	4033.0	4124.1	4138.9	4153.9
55°	4358.8	4076.5	3793.9	3856.9	3920.0	4111.0	4302.1	4373.3	4444.4	4449.9	4455.4
57.5°	4654.5	4347.0	4039.6	4107.4	4175.2	4395.7	4616.5	4693.0	4770.0	4759.3	4748.4
60°	4875.7	4603.9	4331.7	4400.1	4468.5	4683.4	4898.5	4986.6	5074.9	5051.4	5027.8
62.5°	4889.5	4744.2	4598.7	4660.5	4722.6	4933.2	5143.8	5234.4	5325.0	5283.9	5242.9
65°	4672.0	4737.1	4802.2	4822.8	4843.2	5039.7	5236.3	5305.5	5375.0	5354.2	5333.4
67.5°	4372.5	4612.3	4852.5	4811.2	4770.0	4862.1	4954.3	5025.7	5097.1	5085.3	5073.3
70°	4073.5	4393.8	4714.2	4511.2	4307.9	4269.9	4231.9	4308.7	4385.8	4338.3	4290.4
72.5°	3564.4	3905.8	4247.5	3873.5	3499.6	3369.7	3239.8	3337.4	3435.1	3359.3	3283.3
75°	2798.0	3175.2	3552.7	3106.6	2660.4	2487.0	2313.5	2397.5	2481.5	2429.6	2377.3
77.5°	2083.0	2454.7	2826.4	2372.9	1919.1	1790.3	1661.2	1686.1	1711.2	1702.5	1693.4
80°	1412.8	1671.8	1931.2	1629.2	1327.2	1337.0	1347.2	1335.4	1323.3	1340.9	1358.4
82.5°	901.5	1101.5	1301.7	1141.5	981.2	1073.1	1164.9	1119.9	1074.5	1091.1	1108.1
85°	514.5	710.1	906.0	844.4	782.6	836.2	890.1	820.1	750.0	780.6	811.5
87.5°	135.6	392.8	650.2	590.3	530.4	460.9	391.4	298.7	206.0	300.9	395.8
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: P386169  
 CATALOG NUMBER: GWC-SA1D-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P386169

CATALOG NUMBER: GWC-SA1D-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	2353.2	2348.6	2331.9	2314.9	2289.8	2269.0	2232.8
5°	2522.3	2492.8	2441.9	2390.7	2333.8	2268.4	2195.9
7.5°	2582.2	2513.0	2415.3	2317.4	2229.3	2125.9	2029.7
10°	2556.7	2453.0	2326.1	2198.9	2092.0	1973.0	1866.1
12.5°	2508.1	2397.8	2258.0	2118.0	1996.3	1868.5	1748.7
15°	2441.0	2353.0	2221.9	2090.9	1968.4	1844.2	1702.2
17.5°	2367.7	2325.8	2231.2	2136.3	2030.2	1909.8	1743.2
20°	2308.7	2324.0	2286.2	2248.4	2163.4	2058.4	1871.3
22.5°	2268.7	2342.3	2371.3	2400.5	2349.4	2267.3	2051.0
25°	2246.3	2368.3	2465.3	2562.8	2540.0	2476.9	2269.3
27.5°	2256.1	2405.8	2556.5	2707.4	2728.6	2711.0	2499.3
30°	2285.6	2437.2	2620.7	2804.6	2888.5	2912.0	2691.1
32.5°	2334.9	2483.5	2683.4	2883.7	3010.6	3085.4	2866.4
35°	2409.3	2548.3	2756.7	2965.1	3129.2	3266.0	3047.5
37.5°	2537.0	2656.6	2848.9	3041.5	3254.2	3459.7	3246.8
40°	2724.1	2808.7	2971.1	3133.9	3401.7	3679.0	3469.3
42.5°	2960.2	3003.7	3132.5	3261.4	3555.7	3878.2	3686.7
45°	3215.9	3227.5	3308.5	3389.6	3677.7	4013.8	3850.0
47.5°	3462.1	3422.8	3455.0	3487.3	3771.2	4110.7	3973.9
50°	3715.4	3605.8	3588.8	3571.9	3864.8	4224.7	4131.5
52.5°	3973.1	3792.3	3725.3	3658.0	3976.4	4376.0	4327.6
55°	4225.3	3995.2	3905.0	3814.7	4147.0	4560.7	4615.6
57.5°	4487.7	4227.0	4143.3	4059.6	4397.9	4794.6	4874.1
60°	4770.0	4511.7	4444.6	4377.4	4709.7	5047.3	4989.3
62.5°	5037.7	4832.5	4797.3	4761.7	5025.1	5241.5	4944.4
65°	5216.6	5099.5	5132.4	5165.4	5263.6	5289.9	4813.2
67.5°	5097.1	5120.8	5259.6	5398.5	5331.0	5146.0	4554.4
70°	4432.9	4575.7	4904.2	5233.0	5083.2	4760.7	4089.9
72.5°	3443.5	3604.1	4091.8	4579.8	4441.6	4046.7	3359.3
75°	2558.3	2739.7	3278.0	3816.4	3624.7	3026.9	2405.2
77.5°	1814.9	1936.4	2467.9	2999.6	2686.9	2014.9	1618.5
80°	1321.2	1284.0	1580.2	1876.4	1824.5	1332.6	1039.4
82.5°	1017.3	926.4	1065.9	1205.4	1197.8	924.8	762.6
85°	775.2	738.8	862.2	985.5	879.9	626.4	484.7
87.5°	451.8	508.2	653.4	799.0	599.6	190.1	94.1
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: P386169  
 CATALOG NUMBER: GWC-SA1D-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

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

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

Scaled Data Report



Report Generated By 670245982

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

Scaled Data Report



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Scaled Data Report



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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  
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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  
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)