

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: P387037

Luminaire Tested: **GWC-SA2D-730-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P387037  
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-SA2D-730-U-SLR  
Description: GALLEON WALL LUMINAIRE  
(2) 70 CRI, 3000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12960 lumens  
Efficiency: N/A  
Efficacy: 100.5 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B2 - U0 - G3

Input Watts (W): 129  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

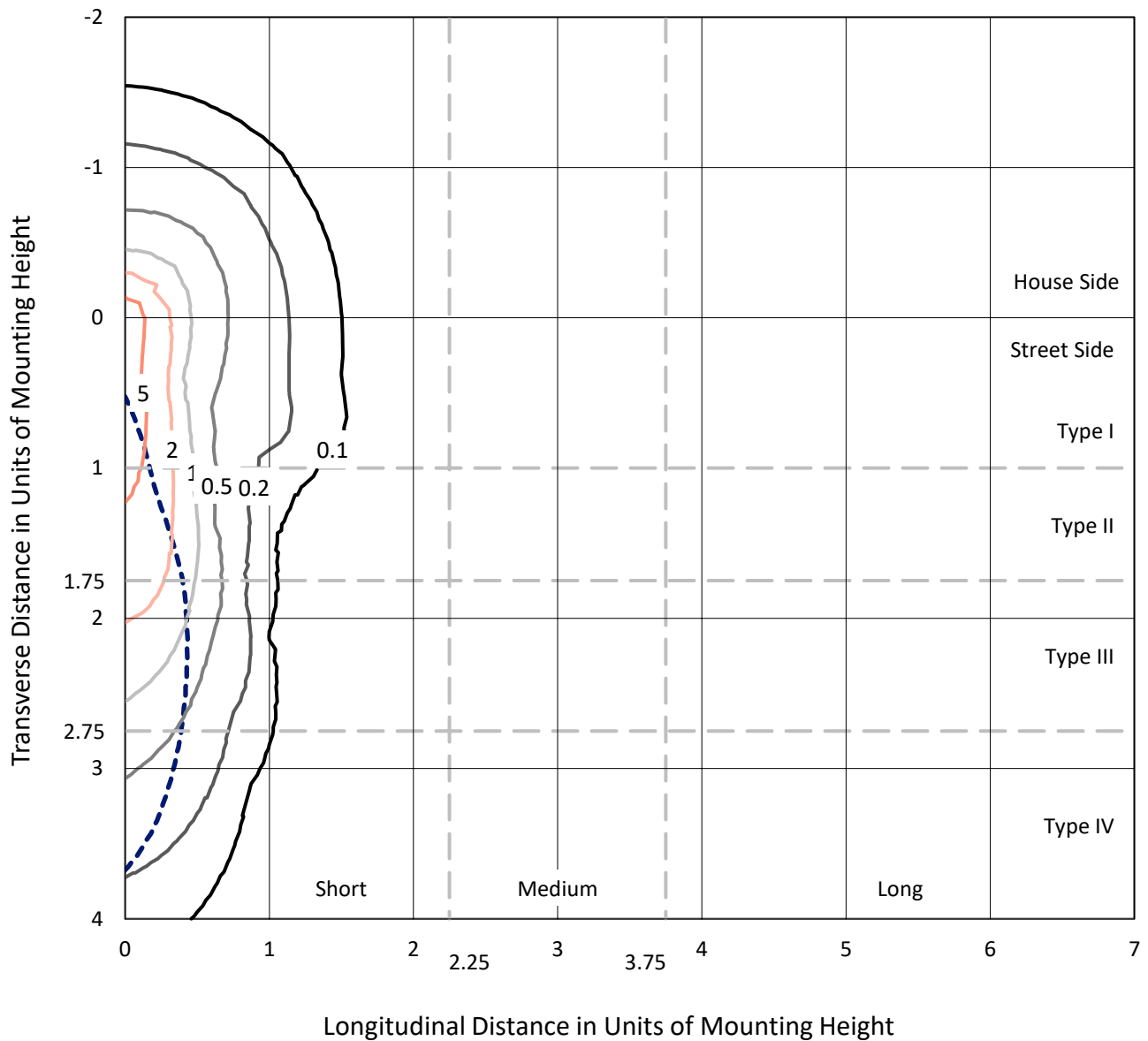




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### Iso-Footcandle Lines of Horizontal Illumination

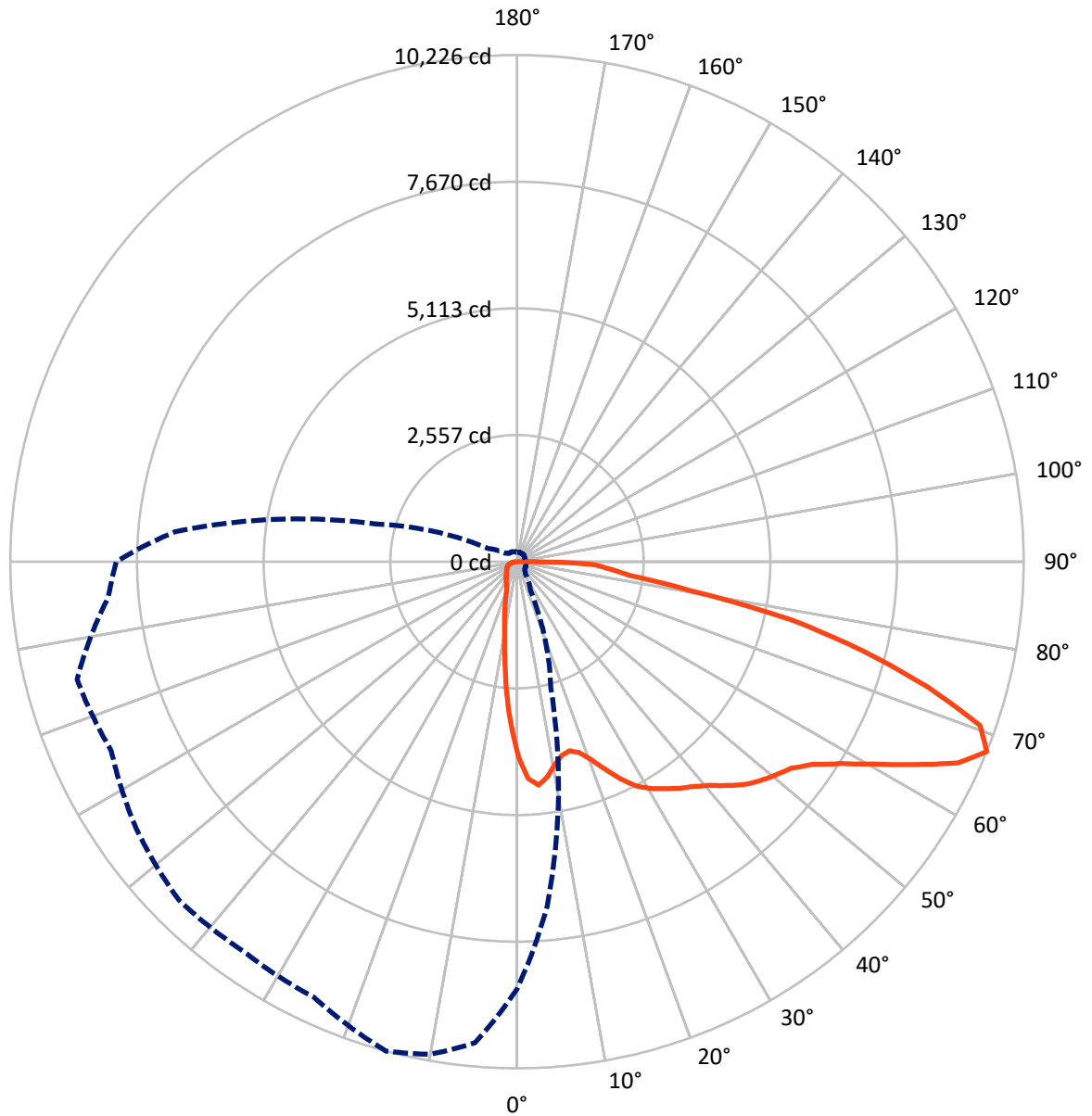
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 9.9 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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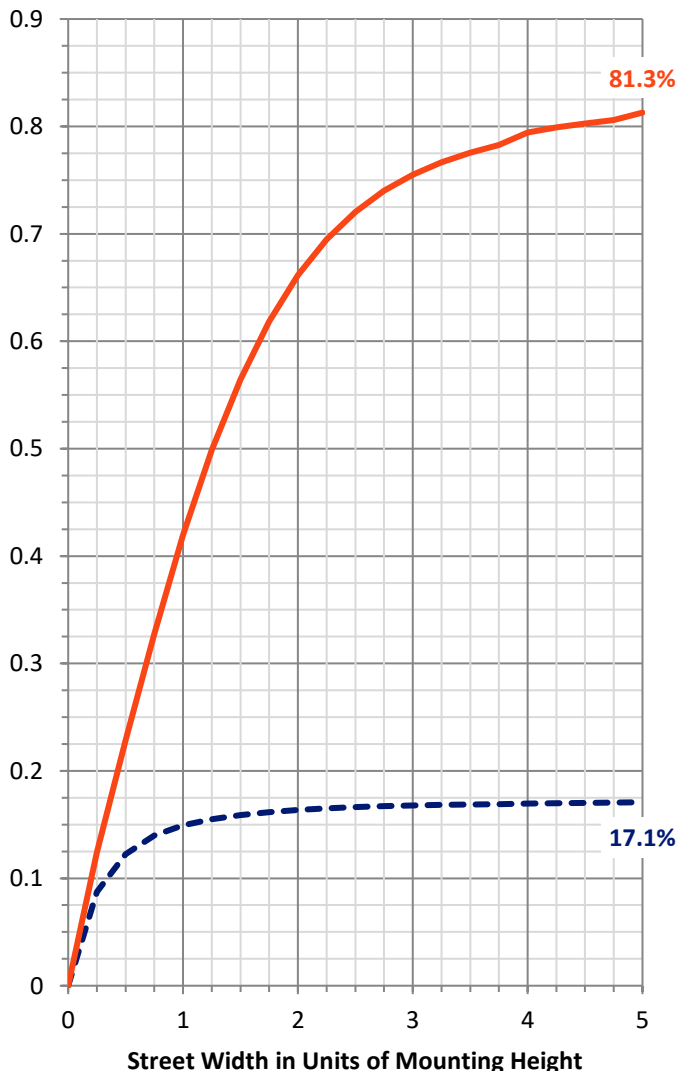
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2240.5	0.0	2240.5
	% Fixture	17.3	0.0	17.3
<b>Street Side</b>	Lumens	10719.5	0.0	10719.5
	% Fixture	82.7	0.0	82.7
<b>Total</b>	Lumens	12960.0	0.0	12960.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	304.7	2.4
10°-20°	633.0	4.9
20°-30°	900.3	6.9
30°-40°	1297.3	10.0
40°-50°	1828.3	14.1
50°-60°	2541.7	19.6
60°-70°	3073.7	23.7
70°-80°	1889.3	14.6
80°-90°	491.6	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	12960.0	100.0
0°-180°	12960.0	100.0

**Coefficient of Utilization**



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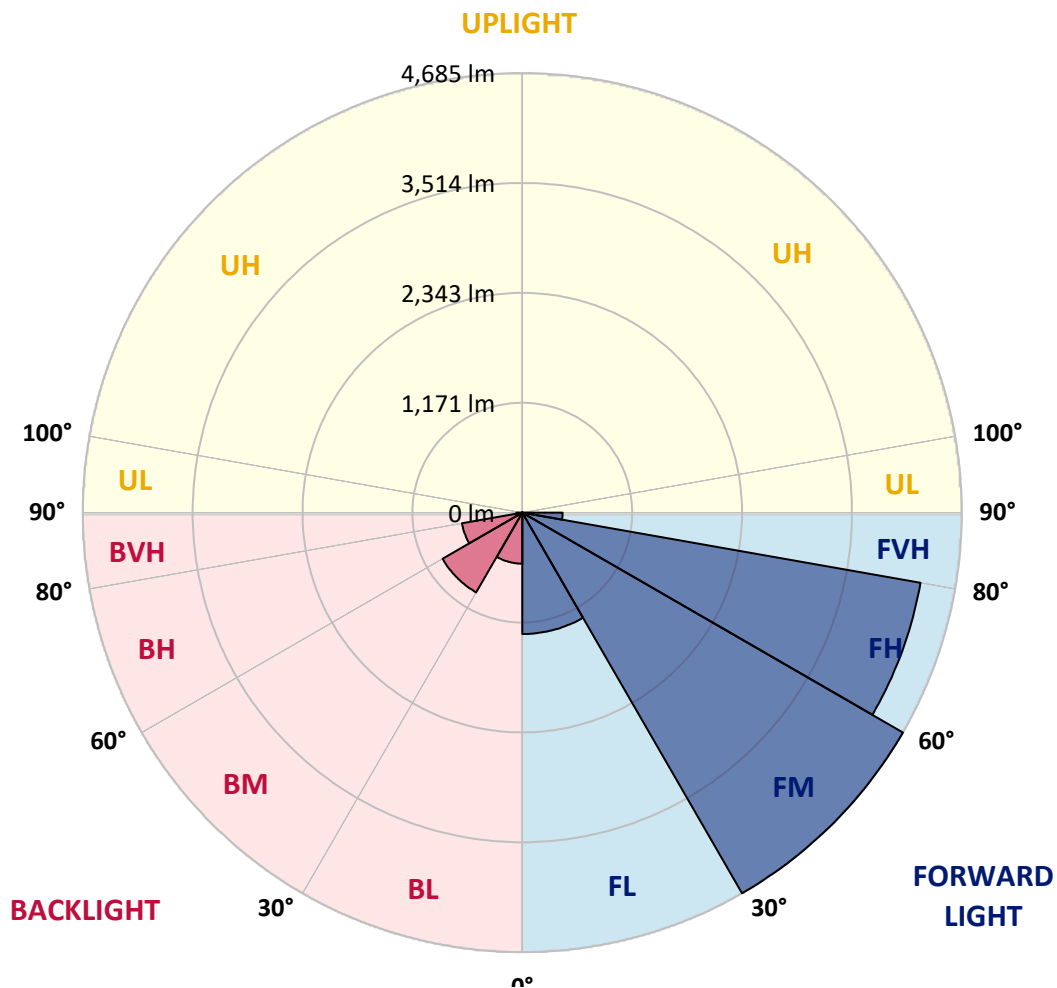
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1294.1	10.0			
FM (30°-60°)	4685.4	36.2			
FH (60°-80°)	4310.1	33.3			G2/5000
FVH (80°-90°)	430.0	3.3			G3/500
BL (0°-30°)	544.0	4.2	B2/1000		
BM (30°-60°)	982.0	7.6	B1/1000		
BH (60°-80°)	652.9	5.0	B2/1000		G2/1000
BVH (80°-90°)	61.6	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G3**

Type IV Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4
2.5°	4229.7	4192.4	4135.9	4079.4	4037.5	3995.0	3946.8	3898.6	3843.7	3788.2	3755.6
5°	4159.8	4056.1	3921.4	3786.7	3697.6	3608.4	3507.4	3406.4	3306.4	3206.4	3152.5
7.5°	3844.7	3689.3	3514.1	3339.0	3209.5	3079.4	2939.5	2799.1	2674.7	2549.8	2472.6
10°	3534.9	3348.3	3147.3	2945.7	2779.9	2614.1	2473.7	2332.7	2239.0	2145.2	2074.2
12.5°	3312.6	3105.8	2884.6	2662.8	2497.0	2331.2	2242.1	2152.9	2075.2	1997.5	1915.6
15°	3224.5	2990.8	2764.4	2537.4	2386.6	2235.8	2136.9	2037.4	1933.2	1828.6	1728.1
17.5°	3302.2	3028.6	2782.5	2536.4	2339.0	2141.5	2003.2	1864.3	1727.0	1589.7	1473.1
20°	3544.7	3195.5	2873.7	2551.4	2288.7	2026.0	1840.5	1654.5	1478.3	1302.1	1170.0
22.5°	3885.1	3422.9	3002.7	2582.5	2243.1	1903.2	1670.5	1437.4	1229.1	1020.8	891.2
25°	4298.6	3724.5	3188.7	2652.4	2224.4	1795.9	1509.9	1223.9	1004.2	784.0	691.7
27.5°	4734.4	4084.1	3419.8	2755.0	2227.6	1700.1	1374.7	1048.7	850.8	652.9	589.7
30°	5097.6	4495.0	3689.3	2883.0	2239.5	1595.9	1247.2	898.5	735.3	572.0	531.1
32.5°	5429.8	4781.5	3892.4	3002.7	2252.9	1502.7	1148.8	794.3	661.2	527.5	493.8
35°	5772.8	5036.0	4034.4	3032.3	2229.6	1426.5	1081.4	736.3	613.5	490.2	461.7
37.5°	6150.5	5311.1	4171.2	3030.7	2190.2	1349.8	1029.1	707.8	582.4	456.5	435.8
40°	6571.8	5615.3	4319.4	3023.4	2154.5	1285.0	990.2	694.8	565.3	435.3	417.6
42.5°	6983.7	5905.4	4457.2	3008.9	2125.5	1241.5	951.9	662.2	549.8	436.8	411.9
45°	7293.1	6158.8	4576.9	2994.4	2103.7	1213.0	921.8	630.6	535.3	439.9	408.3
47.5°	7527.8	6413.2	4709.5	3005.3	2101.6	1198.0	900.6	603.1	507.8	411.9	399.0
50°	7826.2	6718.9	4902.8	3086.7	2130.1	1173.6	875.7	577.2	481.4	385.5	403.1
52.5°	8197.8	7155.2	5202.3	3248.8	2189.7	1130.6	836.3	542.0	449.2	356.0	383.4
55°	8743.4	7714.3	5585.2	3455.6	2261.8	1067.4	776.7	485.5	406.8	327.5	351.8
57.5°	9233.0	8279.1	5952.6	3625.5	2306.8	987.6	701.6	415.6	359.1	302.6	316.6
60°	9451.2	8570.3	6124.6	3678.4	2279.9	881.4	617.1	352.3	317.1	281.9	279.3
62.5°	9366.2	8385.3	5955.2	3525.0	2148.3	771.5	542.5	313.5	287.1	260.1	254.4
65°	9117.5	7804.0	5480.5	3157.1	1926.0	694.8	495.4	295.9	266.3	236.8	230.6
67.5°	8627.3	6976.5	4808.0	2639.5	1643.6	647.7	468.4	289.1	253.4	217.1	209.9
70°	7747.5	5980.6	4033.3	2085.6	1352.4	618.7	450.8	282.9	239.4	195.3	188.6
72.5°	6363.5	4795.0	3220.9	1646.2	1130.6	615.1	448.7	282.4	228.0	173.6	167.4
75°	4556.2	3642.1	2458.7	1274.7	925.9	577.2	425.9	274.6	212.4	149.7	144.0
77.5°	3065.9	2520.8	1708.9	896.4	687.1	477.7	358.0	238.4	181.9	125.4	119.7
80°	1969.0	1744.6	1145.1	545.6	445.6	345.6	256.0	166.3	132.6	98.4	93.8
82.5°	1444.6	1298.5	795.9	293.3	247.7	201.6	156.5	111.4	90.7	70.0	67.9
85°	918.2	1012.5	586.0	159.6	130.6	101.6	83.9	66.3	52.3	38.3	38.3
87.5°	178.2	246.6	162.2	77.2	56.5	35.8	30.6	24.9	14.0	2.6	3.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4
2.5°	3722.4	3686.7	3650.9	3610.5	3569.6	3531.8	3493.4	3451.4	3459.2	3427.1	3395.0
5°	3098.6	3041.6	2984.1	2934.3	2884.6	2841.6	2798.0	2759.2	2792.9	2770.1	2747.3
7.5°	2394.9	2324.5	2253.5	2193.9	2134.3	2088.2	2041.5	2009.4	2042.6	2038.4	2034.3
10°	2003.2	1934.8	1865.9	1800.1	1734.3	1678.3	1621.8	1574.2	1565.9	1542.0	1517.7
12.5°	1833.2	1739.5	1645.1	1576.2	1507.3	1440.5	1373.6	1317.7	1292.3	1252.9	1213.0
15°	1627.5	1516.6	1405.8	1327.5	1248.8	1184.0	1118.7	1070.5	1054.4	1023.9	993.3
17.5°	1356.5	1235.3	1114.0	1034.8	955.0	903.1	850.8	818.7	818.7	809.9	801.1
20°	1037.9	929.6	821.3	760.7	700.0	672.6	644.6	631.1	635.3	635.8	635.8
22.5°	761.2	694.8	628.5	604.2	579.3	569.5	559.6	553.9	556.0	556.5	557.0
25°	599.5	574.1	548.2	535.8	522.8	516.6	510.4	508.3	513.0	513.5	513.5
27.5°	526.4	510.9	494.8	487.1	478.8	476.2	473.6	470.0	474.6	474.6	474.1
30°	489.7	473.1	456.5	446.7	436.8	437.8	438.4	437.3	440.4	442.5	444.1
32.5°	459.6	443.5	427.5	417.6	407.3	405.7	404.2	403.1	409.9	413.5	417.1
35°	432.7	415.0	397.4	388.1	378.8	375.1	371.5	368.9	375.1	379.8	384.5
37.5°	414.5	396.4	377.7	368.9	359.6	354.9	350.3	347.2	349.8	351.8	353.9
40°	400.0	381.4	362.2	351.8	341.5	336.8	332.1	329.5	331.1	331.6	332.1
42.5°	386.5	368.4	350.3	338.9	327.0	321.3	315.6	312.4	313.5	314.5	315.0
45°	376.7	358.6	339.9	326.4	312.4	306.2	300.0	296.4	296.9	296.9	296.9
47.5°	386.0	359.6	332.7	317.1	301.0	293.8	286.5	282.9	281.9	280.8	279.8
50°	420.2	375.1	329.5	309.9	289.6	281.9	273.6	269.4	266.9	265.8	264.8
52.5°	410.4	371.5	332.1	306.7	280.8	271.5	262.2	255.5	252.9	251.3	249.8
55°	375.7	351.3	326.4	295.9	265.3	257.0	248.2	243.5	238.9	237.8	236.8
57.5°	330.1	320.2	310.4	279.3	248.2	240.4	232.1	229.0	224.9	224.9	224.4
60°	276.2	290.7	305.2	269.4	233.2	224.4	215.6	213.0	211.4	210.9	210.4
62.5°	248.2	272.0	295.3	257.5	219.2	209.9	200.5	197.4	196.9	197.4	197.4
65°	224.4	231.6	238.9	221.3	203.6	194.3	184.5	181.4	182.4	183.9	185.5
67.5°	202.6	201.0	199.5	193.3	186.5	178.8	170.5	167.4	167.9	170.0	172.0
70°	181.9	179.8	177.2	172.5	167.9	161.1	154.4	152.3	151.8	154.4	156.5
72.5°	161.1	158.6	155.4	151.8	147.7	142.0	136.3	134.7	135.2	136.8	138.3
75°	138.3	136.3	133.7	130.6	126.9	121.8	116.6	115.5	116.6	118.1	119.7
77.5°	113.5	113.0	111.9	109.3	106.7	101.0	94.8	94.3	95.9	97.4	98.4
80°	88.6	89.1	89.6	87.6	85.5	79.3	72.5	72.0	73.6	75.1	76.7
82.5°	65.3	66.8	67.9	65.3	62.7	55.4	48.2	47.2	52.3	53.9	55.4
85°	37.8	39.9	42.0	39.9	37.8	30.6	23.3	22.8	27.5	30.1	32.6
87.5°	3.1	4.1	5.2	4.7	4.1	2.1	0.0	0.0	0.5	2.6	4.7
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-SA2D-730-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: P387037

CATALOG NUMBER: GWC-SA2D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4
2.5°	3374.8	3354.5	3348.3	3342.1	3319.3	3296.0	3319.8	3343.1	3353.0	3362.8	3337.4
5°	2744.2	2740.5	2740.5	2740.0	2719.3	2698.0	2714.1	2729.6	2694.9	2660.2	2656.6
7.5°	2056.6	2078.8	2097.0	2114.6	2107.9	2101.1	2116.2	2131.2	2087.1	2042.6	2020.8
10°	1522.9	1527.5	1547.2	1566.9	1571.6	1575.7	1594.4	1612.5	1578.3	1544.1	1529.1
12.5°	1188.1	1163.3	1165.9	1167.9	1177.3	1186.1	1205.8	1224.9	1210.9	1196.4	1198.0
15°	962.2	930.6	917.7	904.2	914.5	924.9	938.9	952.4	952.9	952.9	966.4
17.5°	785.5	769.5	756.5	743.0	757.0	770.5	772.1	773.6	774.1	774.6	773.6
20°	643.6	651.3	647.2	643.0	648.2	652.9	657.0	660.6	656.0	650.8	637.9
22.5°	564.3	571.0	576.2	580.9	589.7	598.0	593.8	589.1	579.8	570.0	560.1
25°	518.2	522.8	528.0	533.2	540.4	547.2	539.9	532.7	525.9	519.2	512.5
27.5°	479.3	484.0	488.6	492.8	499.5	505.7	499.0	492.2	486.5	480.8	475.7
30°	447.7	450.8	454.4	458.1	464.3	470.0	464.3	458.1	453.9	449.2	445.6
32.5°	420.7	423.9	425.4	427.0	432.7	438.4	434.2	430.1	426.4	422.8	420.2
35°	391.2	397.4	398.5	399.5	405.2	410.9	408.3	405.2	401.1	396.9	392.2
37.5°	361.2	368.4	372.6	376.2	381.9	387.6	385.0	382.4	376.7	371.0	362.7
40°	335.8	338.9	346.6	353.9	363.2	372.0	366.9	361.2	352.3	343.5	339.4
42.5°	314.5	314.0	321.3	328.5	342.5	356.0	346.6	337.3	329.0	320.7	319.7
45°	295.9	294.3	297.9	301.6	316.6	331.1	321.8	311.9	307.3	302.6	302.6
47.5°	279.3	278.3	280.8	282.9	292.2	301.0	296.4	291.7	289.1	286.5	287.1
50°	264.3	263.2	265.8	267.9	271.5	274.6	275.7	276.2	274.6	273.1	274.1
52.5°	250.3	250.3	251.3	251.8	256.5	261.2	261.2	260.6	260.6	260.6	261.7
55°	238.4	239.4	239.4	239.4	246.6	253.4	251.3	249.2	249.8	249.8	250.8
57.5°	226.4	228.0	229.0	230.1	237.3	244.6	242.5	240.4	240.4	240.4	240.9
60°	213.0	215.0	217.1	219.2	226.4	233.7	231.6	229.0	229.5	230.1	230.6
62.5°	200.0	202.1	204.2	206.2	213.5	220.7	218.7	216.1	217.6	218.7	218.7
65°	187.6	189.1	191.2	193.3	200.0	206.7	204.7	202.6	204.7	206.2	207.3
67.5°	173.6	174.6	176.7	178.8	185.5	192.2	190.2	187.6	190.2	192.2	194.3
70°	157.5	158.6	161.1	163.2	170.0	176.7	174.1	171.5	174.1	176.7	178.8
72.5°	139.9	140.9	143.5	145.6	153.4	161.1	158.0	154.9	158.0	161.1	162.2
75°	120.7	121.8	124.9	127.5	135.2	143.0	140.4	137.3	139.9	142.5	143.0
77.5°	100.0	101.6	105.7	109.8	116.1	122.3	120.7	119.2	120.7	122.3	122.3
80°	78.2	79.8	85.0	89.6	93.3	96.9	97.4	97.9	98.4	99.0	98.4
82.5°	58.0	60.1	64.8	69.4	69.4	69.4	73.6	77.2	77.2	76.7	76.2
85°	35.8	38.3	42.5	46.6	44.0	41.5	48.2	54.4	54.4	53.9	52.9
87.5°	7.3	9.8	14.0	17.6	15.0	12.4	19.2	25.9	26.4	26.4	25.4
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: P387037  
 CATALOG NUMBER: GWC-SA2D-730-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: P387037

CATALOG NUMBER: GWC-SA2D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4
2.5°	3311.5	3352.0	3391.9	3402.2	3417.8	3424.5	3430.7	3481.5	3531.8	3590.8	3649.9
5°	2652.4	2682.5	2712.6	2717.2	2733.3	2741.6	2749.9	2811.5	2872.7	2955.0	3037.4
7.5°	1999.0	2006.3	2013.6	2012.5	2026.0	2044.1	2061.7	2127.6	2192.8	2281.4	2369.5
10°	1514.1	1530.6	1546.7	1561.7	1591.3	1625.5	1659.1	1726.5	1793.9	1881.4	1968.5
12.5°	1199.5	1218.7	1237.4	1253.9	1288.1	1333.7	1378.8	1459.6	1540.5	1645.1	1749.3
15°	979.3	977.8	976.2	987.6	1017.7	1067.4	1116.6	1202.1	1287.6	1402.7	1517.2
17.5°	772.6	764.8	757.0	765.8	793.8	834.8	875.2	947.7	1019.7	1131.1	1242.5
20°	624.9	619.7	614.5	622.8	640.4	657.5	674.6	727.0	778.8	869.5	959.6
22.5°	549.8	549.2	548.2	552.9	561.2	570.0	578.3	603.7	628.5	687.1	745.1
25°	505.7	505.2	504.7	506.8	513.5	520.2	527.0	543.5	560.1	588.1	616.1
27.5°	470.5	469.4	468.4	468.9	470.5	480.8	490.7	498.5	505.7	524.9	543.5
30°	442.0	441.5	441.0	441.0	439.4	443.0	446.7	458.6	470.0	489.7	509.3
32.5°	417.6	415.0	412.5	406.8	403.1	408.3	413.5	425.9	438.4	456.5	474.6
35°	387.1	380.3	373.1	370.0	370.5	375.7	380.8	393.3	405.2	424.9	444.1
37.5°	353.9	351.8	349.2	348.7	350.3	355.5	360.6	371.5	381.9	401.6	420.7
40°	335.2	334.2	333.2	332.1	333.2	338.4	343.5	353.9	363.7	382.9	401.6
42.5°	318.7	318.1	317.6	317.6	318.1	323.8	329.5	339.9	349.8	366.9	384.0
45°	302.6	303.1	303.1	304.2	305.7	311.4	316.6	328.0	339.4	356.0	372.6
47.5°	287.6	289.1	290.2	292.8	294.3	300.5	306.2	318.7	331.1	351.8	372.0
50°	274.6	276.2	277.2	279.3	283.4	290.7	297.9	313.0	327.5	362.2	396.4
52.5°	262.7	264.3	265.8	267.9	273.1	281.4	289.6	308.3	326.4	366.9	407.3
55°	251.8	253.4	254.4	257.5	262.7	270.0	276.7	299.5	322.3	351.8	381.4
57.5°	241.5	243.0	244.1	246.1	248.7	256.5	263.7	288.1	312.4	333.2	353.4
60°	230.6	231.6	232.1	232.1	234.2	243.0	251.8	282.9	313.5	309.9	305.7
62.5°	218.7	219.7	220.2	218.7	221.3	230.6	239.9	280.3	320.7	295.9	271.0
65°	207.8	207.3	206.7	205.2	208.3	217.6	226.4	246.6	266.9	257.0	247.2
67.5°	195.9	194.3	192.8	190.7	193.8	202.1	209.9	216.6	223.3	224.4	225.4
70°	180.8	178.8	176.7	176.2	177.7	184.5	191.2	195.9	200.0	202.1	203.6
72.5°	163.2	161.7	160.1	159.1	159.6	165.3	170.5	174.6	178.8	180.3	181.4
75°	143.5	143.5	143.0	139.9	139.9	144.6	148.7	152.3	156.0	158.0	160.1
77.5°	122.3	122.8	122.8	118.7	118.1	122.8	126.9	130.1	132.6	134.7	136.3
80°	97.9	96.9	95.9	93.3	92.2	97.9	103.1	105.7	107.8	108.3	108.3
82.5°	75.1	73.1	70.5	64.8	65.3	71.5	77.2	79.3	81.4	81.4	81.4
85°	51.3	47.2	42.5	37.8	38.3	45.1	51.3	53.4	55.4	56.5	57.0
87.5°	24.4	20.2	15.5	11.9	11.9	17.6	22.8	23.8	24.9	26.9	29.0
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: P387037

CATALOG NUMBER: GWC-SA2D-730-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: P387037

CATALOG NUMBER: GWC-SA2D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4
2.5°	3695.0	3739.5	3785.7	3831.8	3884.6	3937.5	3999.1	4060.3	4112.6	4164.9	4208.5
5°	3108.4	3179.4	3262.8	3346.3	3452.5	3558.7	3688.8	3818.3	3933.8	4049.4	4183.6
7.5°	2462.3	2554.5	2663.3	2772.1	2909.4	3046.8	3215.2	3383.6	3546.8	3709.5	3915.7
10°	2065.4	2162.3	2269.5	2376.3	2516.2	2655.6	2833.8	3011.5	3195.0	3377.9	3611.0
12.5°	1857.1	1964.3	2058.6	2152.9	2266.4	2379.4	2551.9	2724.5	2940.0	3155.1	3379.4
15°	1634.8	1751.9	1864.8	1977.8	2101.6	2225.0	2392.8	2560.7	2796.5	3032.3	3290.3
17.5°	1365.9	1489.2	1627.0	1764.3	1926.0	2087.1	2302.2	2517.2	2796.5	3075.3	3379.4
20°	1085.5	1211.5	1376.2	1541.0	1742.0	1942.6	2221.3	2500.1	2876.3	3252.0	3640.1
22.5°	856.5	967.4	1147.2	1326.5	1558.6	1790.7	2148.3	2505.3	2997.0	3488.2	4012.1
25°	694.3	772.6	949.3	1125.4	1393.3	1661.2	2103.7	2545.7	3172.7	3799.1	4448.9
27.5°	594.8	646.1	810.9	975.2	1267.9	1560.2	2085.6	2610.5	3395.5	4180.5	4924.0
30°	545.1	580.9	720.2	859.1	1156.5	1453.9	2063.8	2673.7	3610.0	4545.8	5295.6
32.5°	503.6	532.1	651.3	770.0	1060.1	1350.3	2021.8	2692.9	3759.7	4826.6	5610.1
35°	468.4	492.2	595.9	699.5	984.5	1269.5	1951.4	2633.3	3853.5	5073.8	5937.6
37.5°	439.9	458.6	554.4	650.3	919.2	1188.1	1871.1	2554.0	3937.0	5319.9	6306.0
40°	417.6	433.7	523.3	613.0	857.0	1101.1	1802.1	2502.7	4052.0	5601.3	6695.1
42.5°	405.2	425.9	496.4	566.3	798.0	1029.6	1746.7	2463.8	4158.7	5853.1	7035.5
45°	402.1	431.6	482.4	533.2	753.9	974.7	1697.5	2419.8	4227.6	6035.5	7292.0
47.5°	396.9	421.3	471.5	521.8	732.2	942.0	1671.1	2399.6	4296.6	6193.0	7505.0
50°	400.0	403.1	462.7	521.8	729.0	936.3	1701.1	2465.9	4445.8	6425.1	7748.5
52.5°	394.3	380.8	446.1	511.4	728.5	945.6	1787.6	2629.6	4723.0	6815.8	8012.3
55°	364.3	346.6	415.0	483.4	717.6	951.3	1890.8	2829.7	5095.0	7359.9	8486.4
57.5°	337.8	321.8	379.8	437.3	684.5	931.6	1997.0	3061.8	5488.3	7914.3	9020.6
60°	302.6	299.0	340.4	381.9	633.2	884.0	2084.5	3284.6	5752.6	8220.0	9226.3
62.5°	273.6	275.7	306.2	336.8	568.9	800.6	2113.6	3426.1	5745.3	8064.6	9019.0
65°	251.3	254.9	285.0	315.0	514.0	713.0	2018.2	3322.9	5454.6	7585.8	8609.2
67.5°	229.5	233.7	269.4	304.7	465.3	625.4	1779.9	2933.8	4931.8	6929.3	8087.9
70°	208.8	214.0	252.9	291.7	430.1	567.9	1472.6	2377.3	4277.4	6176.9	7484.3
72.5°	186.5	191.7	233.2	274.6	407.8	540.4	1200.6	1860.2	3471.1	5081.6	6401.8
75°	163.7	167.4	212.4	257.0	377.2	497.4	942.0	1386.1	2656.6	3927.1	4835.4
77.5°	140.9	145.6	183.4	220.7	320.2	419.2	709.9	1000.6	1949.3	2897.5	3362.8
80°	112.4	116.6	143.5	170.0	247.2	323.8	488.1	652.4	1341.5	2030.7	2292.8
82.5°	86.0	90.7	108.8	126.4	176.2	225.9	295.9	365.8	891.2	1416.1	1437.9
85°	59.1	60.6	73.6	86.0	108.8	131.6	169.4	207.3	589.7	972.1	809.9
87.5°	29.5	29.5	38.3	47.2	58.6	70.0	89.6	108.8	188.6	268.4	154.4
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: P387037

CATALOG NUMBER: GWC-SA2D-730-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: P387037

CATALOG NUMBER: GWC-SA2D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4
2.5°	4263.9	4301.7	4340.1	4369.1	4398.6	4441.1	4483.6	4491.4	4499.7	4483.1	4466.5
5°	4318.8	4433.3	4548.4	4654.6	4760.8	4824.6	4888.3	4901.2	4914.2	4874.3	4833.9
7.5°	4115.2	4314.7	4514.2	4697.1	4880.0	4990.9	5102.3	5127.2	5152.5	5087.3	5022.0
10°	3843.2	4088.3	4333.3	4574.3	4815.2	4976.4	5137.5	5169.6	5201.8	5120.4	5039.1
12.5°	3632.8	3894.5	4156.1	4410.0	4664.4	4831.3	4998.1	5038.0	5077.9	5018.9	4959.3
15°	3568.0	3814.2	4060.3	4281.5	4503.3	4639.6	4776.4	4792.4	4809.0	4799.7	4790.4
17.5°	3685.6	3907.9	4130.7	4251.0	4371.7	4426.1	4481.0	4498.6	4516.8	4540.1	4563.9
20°	3970.6	4127.1	4284.1	4278.9	4273.2	4246.8	4219.9	4215.2	4210.5	4277.4	4344.7
22.5°	4396.0	4458.2	4520.9	4375.3	4229.7	4141.1	4052.0	4034.4	4016.2	4087.2	4158.7
25°	4857.7	4846.3	4834.4	4557.2	4279.5	4110.5	3941.6	3921.9	3902.2	3962.9	4024.0
27.5°	5314.7	5240.1	5165.5	4788.8	4412.1	4167.0	3921.9	3902.2	3882.5	3936.4	3990.3
30°	5650.0	5530.3	5410.6	4984.1	4557.7	4266.5	3975.3	3943.2	3910.5	3976.9	4043.2
32.5°	5911.6	5751.0	5590.4	5142.7	4695.0	4380.0	4064.9	4014.7	3964.4	4053.0	4141.6
35°	6172.8	5946.9	5720.4	5284.2	4847.4	4514.2	4180.5	4118.8	4057.2	4178.9	4300.7
37.5°	6501.3	6176.9	5852.1	5443.2	5034.4	4715.2	4395.5	4332.3	4269.1	4424.0	4579.5
40°	6857.8	6425.1	5992.5	5617.3	5242.2	4993.5	4744.2	4684.1	4623.5	4812.1	5000.7
42.5°	7154.2	6656.2	6158.3	5827.2	5495.6	5320.4	5144.8	5144.3	5143.2	5334.4	5525.6
45°	7395.1	6849.0	6302.3	6031.9	5760.9	5669.7	5578.5	5651.5	5724.6	5897.1	6070.2
47.5°	7574.9	7010.7	6445.9	6266.1	6086.3	6099.7	6113.2	6261.9	6410.6	6521.5	6632.9
50°	7692.0	7157.3	6622.0	6566.6	6511.2	6631.9	6753.1	6923.6	7094.6	7170.3	7245.9
52.5°	7862.5	7356.3	6849.5	6911.7	6973.9	7220.5	7467.2	7639.7	7812.2	7840.2	7868.7
55°	8256.8	7722.1	7186.8	7306.0	7425.7	7787.4	8149.6	8284.3	8419.0	8429.4	8439.7
57.5°	8817.0	8234.5	7652.1	7780.6	7909.1	8326.8	8744.9	8890.0	9035.6	9015.4	8994.7
60°	9236.1	8721.1	8205.5	8335.1	8464.6	8871.9	9279.1	9446.0	9613.4	9568.8	9524.2
62.5°	9262.1	8986.9	8711.2	8828.4	8946.0	9345.0	9743.9	9915.4	10087.0	10009.2	9931.5
65°	8850.1	8973.4	9096.8	9135.6	9174.5	9546.5	9919.1	10050.2	10181.8	10142.4	10103.0
67.5°	8282.7	8737.2	9192.1	9113.9	9035.6	9210.2	9384.9	9520.1	9655.3	9633.1	9610.3
70°	7716.4	8323.2	8929.9	8545.4	8160.4	8088.4	8016.4	8162.0	8308.1	8218.0	8127.3
72.5°	6752.1	7398.8	8045.9	7337.6	6629.3	6383.2	6137.0	6322.0	6507.0	6363.5	6219.4
75°	5300.2	6014.8	6729.8	5884.7	5039.6	4711.1	4382.6	4541.6	4700.7	4602.3	4503.3
77.5°	3945.8	4649.9	5354.1	4495.0	3635.4	3391.3	3146.8	3193.9	3241.6	3225.0	3207.9
80°	2676.3	3167.0	3658.2	3086.1	2514.1	2532.7	2551.9	2529.6	2506.8	2540.0	2573.2
82.5°	1707.8	2086.6	2465.9	2162.3	1858.6	2032.7	2206.8	2121.3	2035.3	2066.9	2099.1
85°	974.7	1345.1	1716.1	1599.5	1482.4	1584.0	1686.1	1553.4	1420.8	1478.8	1537.4
87.5°	257.0	744.1	1231.7	1118.2	1004.7	873.1	741.5	565.8	390.2	570.0	749.8
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: P387037

CATALOG NUMBER: GWC-SA2D-730-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: P387037

CATALOG NUMBER: GWC-SA2D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4	3948.4
2.5°	4457.7	4448.9	4417.3	4385.2	4337.5	4298.1	4229.7
5°	4777.9	4722.0	4625.6	4528.7	4420.9	4297.1	4159.8
7.5°	4891.4	4760.3	4575.3	4389.8	4223.0	4027.1	3844.7
10°	4843.2	4646.8	4406.4	4165.5	3962.9	3737.5	3534.9
12.5°	4751.0	4542.2	4277.4	4012.1	3781.5	3539.5	3312.6
15°	4624.0	4457.2	4209.0	3960.8	3728.7	3493.4	3224.5
17.5°	4485.2	4405.9	4226.6	4046.8	3845.8	3617.8	3302.2
20°	4373.2	4402.3	4330.8	4259.2	4098.1	3899.1	3544.7
22.5°	4297.6	4437.0	4491.9	4547.3	4450.4	4295.0	3885.1
25°	4255.1	4486.2	4670.1	4854.6	4811.6	4691.9	4298.6
27.5°	4273.8	4557.2	4842.7	5128.7	5168.6	5135.5	4734.4
30°	4329.7	4616.8	4964.5	5312.7	5471.7	5516.3	5097.6
32.5°	4423.0	4704.3	5083.1	5462.4	5702.8	5844.8	5429.8
35°	4563.9	4827.1	5222.0	5616.8	5927.7	6186.8	5772.8
37.5°	4805.9	5032.3	5396.6	5761.4	6164.5	6553.6	6150.5
40°	5160.3	5320.4	5628.2	5936.5	6443.8	6969.2	6571.8
42.5°	5607.5	5689.9	5933.9	6178.0	6735.5	7346.4	6983.7
45°	6092.0	6113.7	6267.1	6421.0	6966.6	7603.4	7293.1
47.5°	6558.3	6483.7	6544.8	6606.0	7143.8	7786.9	7527.8
50°	7038.1	6830.3	6798.2	6766.1	7321.0	8002.9	7826.2
52.5°	7526.2	7183.7	7056.8	6929.3	7532.4	8289.5	8197.8
55°	8004.0	7568.2	7397.2	7226.2	7855.8	8639.2	8743.4
57.5°	8500.9	8007.1	7848.5	7690.0	8330.9	9082.3	9233.0
60°	9035.6	8546.5	8419.5	8292.1	8921.6	9561.0	9451.2
62.5°	9542.9	9154.3	9087.4	9020.1	9519.1	9928.9	9366.2
65°	9881.8	9660.0	9722.2	9784.9	9970.9	10020.6	9117.5
67.5°	9655.3	9700.4	9963.1	10226.3	10098.4	9748.1	8627.3
70°	8397.2	8667.7	9290.0	9912.9	9628.9	9018.0	7747.5
72.5°	6523.1	6827.2	7751.1	8675.5	8413.8	7665.6	6363.5
75°	4846.3	5189.9	6209.6	7229.3	6866.1	5733.9	4556.2
77.5°	3438.0	3668.0	4674.8	5682.1	5089.9	3816.7	3065.9
80°	2502.7	2432.2	2993.4	3554.6	3456.1	2524.5	1969.0
82.5°	1927.0	1755.0	2019.3	2283.5	2269.0	1751.9	1444.6
85°	1468.5	1399.5	1633.2	1866.9	1666.9	1186.6	918.2
87.5°	856.0	962.7	1237.9	1513.5	1135.8	360.1	178.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P387037

CATALOG NUMBER: GWC-SA2D-730-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  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



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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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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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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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)