

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: P387065

Luminaire Tested: **GWC-SA2D-740-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P387065
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-740-U-SLR
Description: GALLEON WALL LUMINAIRE
(2) 70 CRI, 4000K, 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: 14231 lumens
Efficiency: N/A
Efficacy: 110.3 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 (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

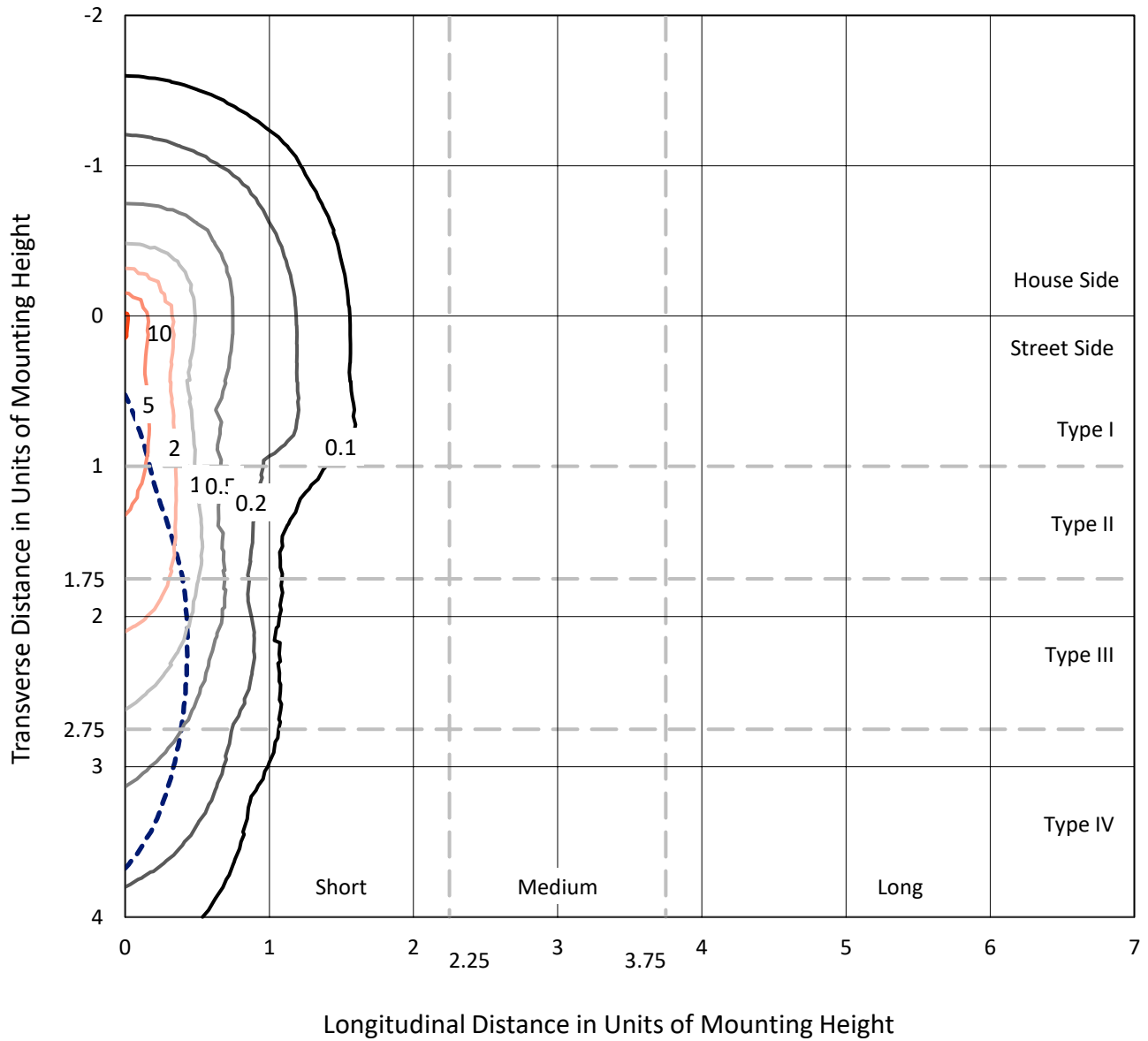




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Iso-Footcandle Lines of Horizontal Illumination

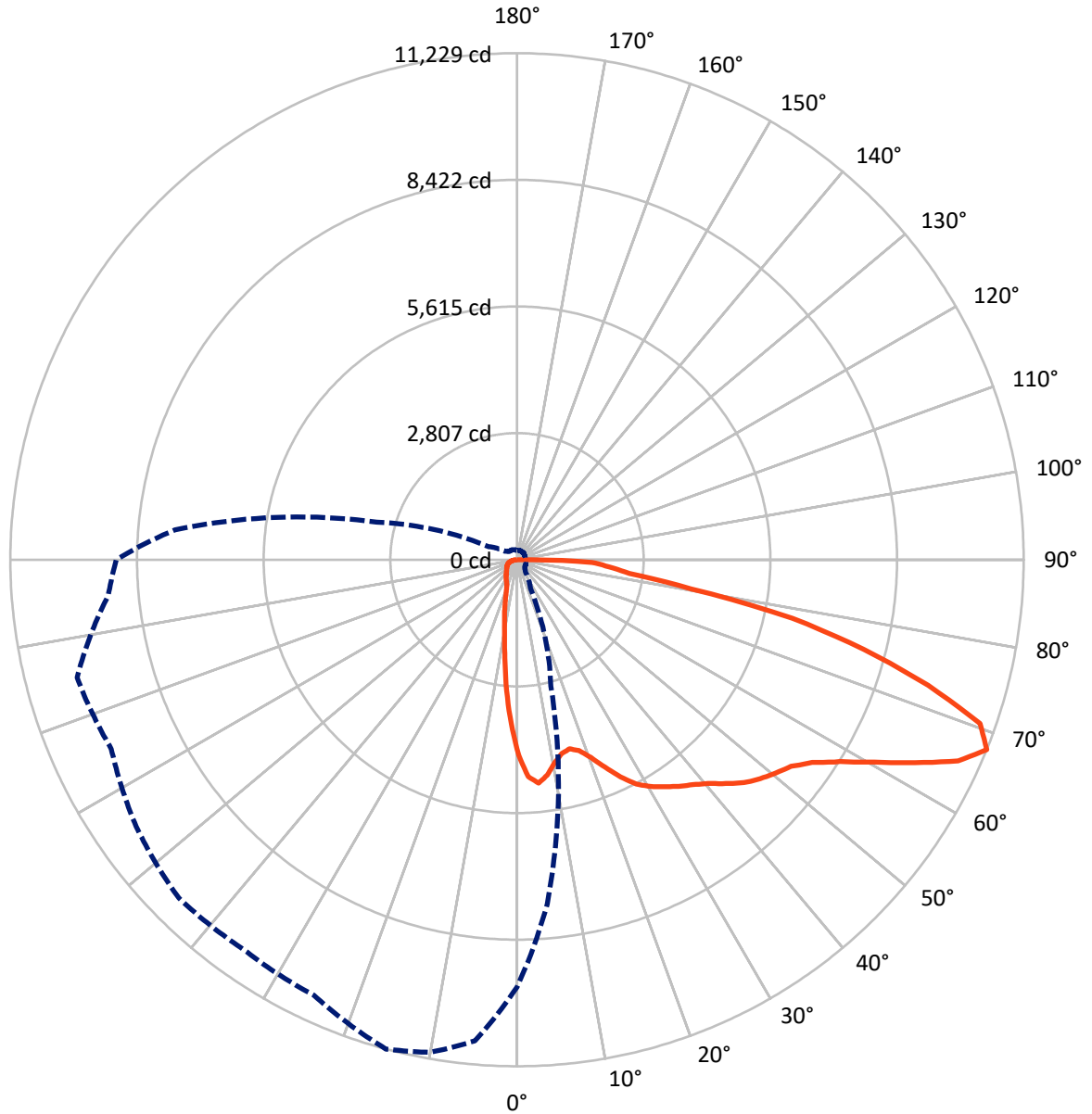
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 10.8 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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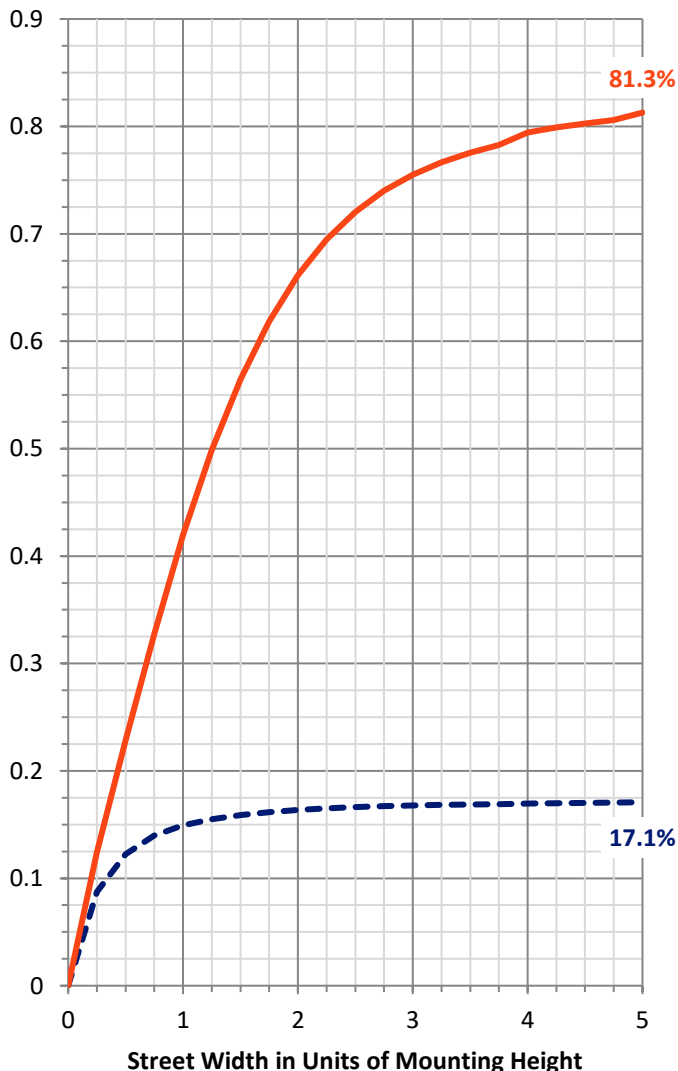
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2460.2	0.0	2460.2
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	11770.8	0.0	11770.8
	% Fixture	82.7	0.0	82.7
Total	Lumens	14231.0	0.0	14231.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	334.6	2.4
10°-20°	695.1	4.9
20°-30°	988.6	6.9
30°-40°	1424.6	10.0
40°-50°	2007.6	14.1
50°-60°	2791.0	19.6
60°-70°	3375.1	23.7
70°-80°	2074.6	14.6
80°-90°	539.8	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°	14231.0	100.0
0°-180°	14231.0	100.0

Coefficient of Utilization



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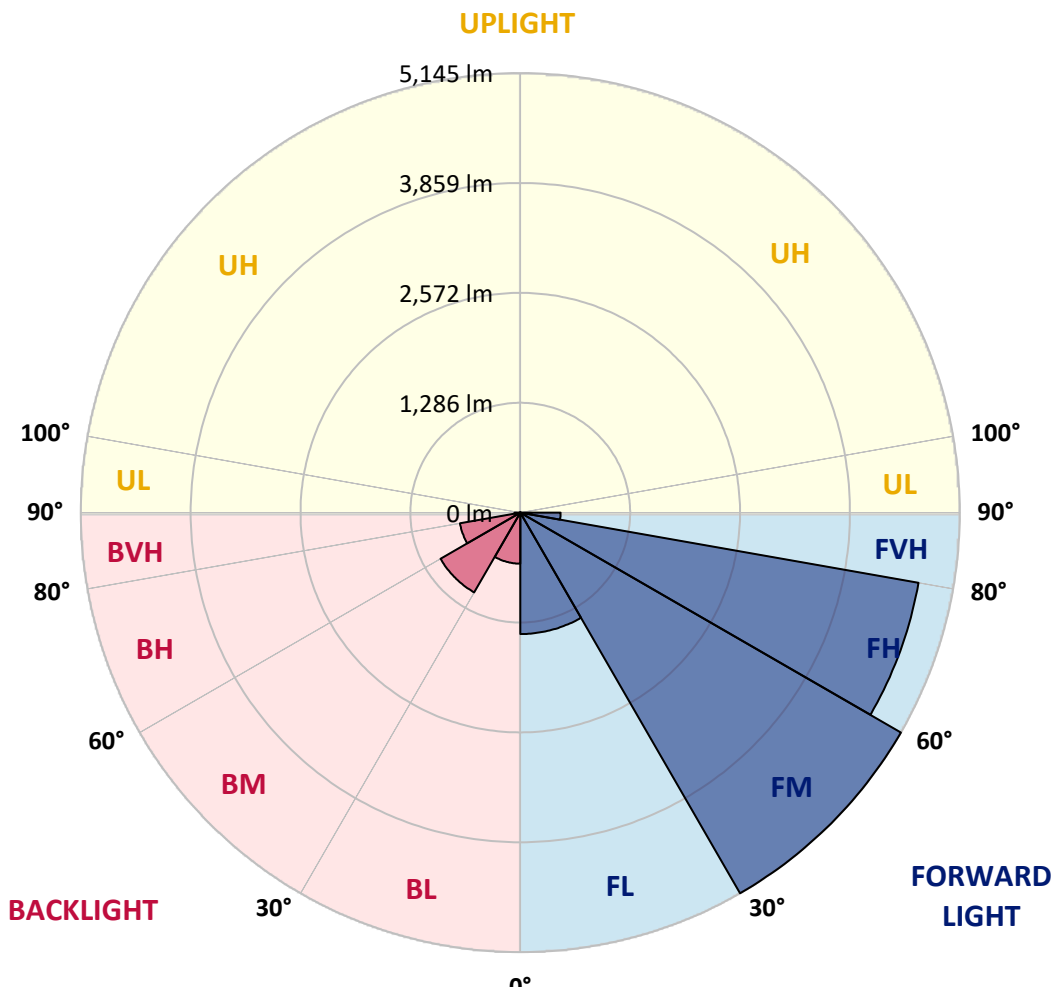
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1421.0	10.0			
FM (30°-60°)	5144.9	36.2			
FH (60°-80°)	4732.7	33.3			G2/5000
FVH (80°-90°)	472.2	3.3			G3/500
BL (0°-30°)	597.3	4.2	B2/1000		
BM (30°-60°)	1078.3	7.6	B2/2500		
BH (60°-80°)	717.0	5.0	B2/1000		G2/1000
BVH (80°-90°)	67.7	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°	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6
2.5°	4644.5	4603.6	4541.5	4479.5	4433.4	4386.8	4333.9	4281.0	4220.6	4159.8	4123.9
5°	4567.7	4453.9	4306.0	4158.1	4060.2	3962.3	3851.4	3740.4	3630.6	3520.8	3461.6
7.5°	4221.8	4051.1	3858.8	3666.5	3524.2	3381.4	3227.8	3073.6	2937.0	2799.9	2715.1
10°	3881.5	3676.7	3455.9	3234.6	3052.5	2870.5	2716.3	2561.5	2458.5	2355.5	2277.6
12.5°	3637.4	3410.4	3167.5	2924.0	2741.9	2559.8	2461.9	2364.1	2278.7	2193.4	2103.5
15°	3540.7	3284.1	3035.5	2786.3	2620.7	2455.1	2346.4	2237.2	2122.8	2007.9	1897.5
17.5°	3626.1	3325.6	3055.4	2785.1	2568.3	2351.6	2199.6	2047.2	1896.4	1745.6	1617.6
20°	3892.3	3508.9	3155.5	2801.6	2513.2	2224.7	2021.0	1816.7	1623.3	1429.8	1284.7
22.5°	4266.2	3758.6	3297.2	2835.8	2463.1	2089.8	1834.4	1578.3	1349.6	1120.9	978.6
25°	4720.2	4089.8	3501.5	2912.6	2442.6	1972.1	1658.0	1343.9	1102.7	860.9	759.6
27.5°	5198.7	4484.6	3755.2	3025.2	2446.0	1866.8	1509.5	1151.6	934.3	716.9	647.5
30°	5597.6	4935.8	4051.1	3165.8	2459.1	1752.4	1369.5	986.6	807.4	628.1	583.2
32.5°	5962.3	5250.5	4274.1	3297.2	2473.9	1650.0	1261.4	872.2	726.0	579.2	542.2
35°	6338.9	5529.8	4430.0	3329.6	2448.3	1566.4	1187.4	808.5	673.7	538.2	507.0
37.5°	6753.7	5832.0	4580.2	3327.9	2405.0	1482.2	1130.0	777.2	639.5	501.3	478.5
40°	7216.3	6166.0	4743.0	3320.0	2365.8	1411.1	1087.3	763.0	620.7	477.9	458.6
42.5°	7668.6	6484.6	4894.3	3304.0	2333.9	1363.3	1045.2	727.1	603.7	479.6	452.3
45°	8008.3	6762.8	5025.7	3288.1	2310.0	1332.0	1012.2	692.4	587.7	483.1	448.4
47.5°	8266.0	7042.2	5171.4	3300.0	2307.8	1315.5	988.9	662.3	557.6	452.3	438.1
50°	8593.8	7377.9	5383.6	3389.4	2339.0	1288.7	961.6	633.8	528.6	423.3	442.7
52.5°	9001.7	7856.9	5712.5	3567.5	2404.5	1241.5	918.3	595.1	493.3	390.9	421.0
55°	9600.8	8470.9	6133.0	3794.5	2483.6	1172.1	852.9	533.1	446.6	359.6	386.3
57.5°	10138.5	9091.0	6536.4	3981.1	2533.1	1084.5	770.4	456.3	394.3	332.3	347.6
60°	10378.1	9410.8	6725.3	4039.1	2503.5	967.8	677.6	386.9	348.2	309.5	306.7
62.5°	10284.8	9207.7	6539.2	3870.7	2359.0	847.2	595.7	344.2	315.2	285.6	279.4
65°	10011.6	8569.3	6018.0	3466.8	2114.9	763.0	543.9	324.9	292.5	260.0	253.2
67.5°	9473.4	7660.6	5279.5	2898.3	1804.8	711.2	514.4	317.5	278.2	238.4	230.4
70°	8507.3	6567.1	4428.9	2290.1	1485.0	679.4	495.0	310.7	262.9	214.5	207.1
72.5°	6987.6	5265.3	3536.7	1807.6	1241.5	675.4	492.7	310.1	250.3	190.6	183.8
75°	5003.0	3999.3	2699.8	1399.7	1016.8	633.8	467.7	301.6	233.3	164.4	158.2
77.5°	3366.6	2768.1	1876.5	984.3	754.5	524.6	393.2	261.7	199.7	137.7	131.4
80°	2162.1	1915.7	1257.4	599.1	489.3	379.5	281.1	182.6	145.7	108.1	103.0
82.5°	1586.3	1425.8	873.9	322.0	272.0	221.3	171.8	122.3	99.6	76.8	74.5
85°	1008.2	1111.8	643.5	175.2	143.4	111.5	92.2	72.8	57.5	42.1	42.1
87.5°	195.7	270.8	178.1	84.8	62.0	39.3	33.6	27.3	15.4	2.8	3.4
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):

	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°	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6
2.5°	4087.5	4048.2	4009.0	3964.6	3919.7	3878.1	3836.0	3789.9	3798.5	3763.2	3727.9
5°	3402.5	3339.9	3276.7	3222.1	3167.5	3120.2	3072.5	3029.8	3066.8	3041.7	3016.7
7.5°	2629.8	2552.4	2474.5	2409.0	2343.6	2293.0	2241.8	2206.5	2242.9	2238.3	2233.8
10°	2199.6	2124.5	2048.9	1976.6	1904.4	1842.9	1780.9	1728.5	1719.4	1693.3	1666.5
12.5°	2013.0	1910.0	1806.5	1730.8	1655.1	1581.7	1508.3	1446.9	1419.0	1375.8	1332.0
15°	1787.1	1665.4	1543.6	1457.7	1371.2	1300.1	1228.4	1175.5	1157.9	1124.3	1090.7
17.5°	1489.6	1356.4	1223.3	1136.2	1048.6	991.7	934.3	899.0	899.0	889.3	879.6
20°	1139.7	1020.7	901.8	835.3	768.7	738.5	707.8	693.0	697.6	698.1	698.1
22.5°	835.8	763.0	690.2	663.4	636.1	625.3	614.5	608.2	610.5	611.1	611.6
25°	658.3	630.4	602.0	588.3	574.1	567.3	560.4	558.2	563.3	563.9	563.9
27.5°	578.1	561.0	543.4	534.8	525.7	522.9	520.0	516.1	521.2	521.2	520.6
30°	537.7	519.5	501.3	490.5	479.6	480.8	481.4	480.2	483.6	485.9	487.6
32.5°	504.7	487.0	469.4	458.6	447.2	445.5	443.8	442.7	450.1	454.0	458.0
35°	475.1	455.7	436.4	426.2	415.9	411.9	408.0	405.1	411.9	417.1	422.2
37.5°	455.2	435.3	414.8	405.1	394.9	389.7	384.6	381.2	384.1	386.3	388.6
40°	439.2	418.8	397.7	386.3	375.0	369.8	364.7	361.9	363.6	364.1	364.7
42.5°	424.5	404.5	384.6	372.1	359.0	352.8	346.5	343.1	344.2	345.4	345.9
45°	413.6	393.7	373.2	358.5	343.1	336.3	329.4	325.5	326.0	326.0	326.0
47.5°	423.9	394.9	365.3	348.2	330.6	322.6	314.6	310.7	309.5	308.4	307.2
50°	461.4	411.9	361.9	340.2	318.1	309.5	300.4	295.9	293.0	291.9	290.7
52.5°	450.6	408.0	364.7	336.8	308.4	298.1	287.9	280.5	277.7	276.0	274.2
55°	412.5	385.8	358.5	324.9	291.3	282.2	272.5	267.4	262.3	261.2	260.0
57.5°	362.4	351.6	340.8	306.7	272.5	264.0	254.9	251.5	246.9	246.9	246.4
60°	303.3	319.2	335.1	295.9	256.0	246.4	236.7	233.8	232.1	231.6	231.0
62.5°	272.5	298.7	324.3	282.8	240.7	230.4	220.2	216.8	216.2	216.8	216.8
65°	246.4	254.3	262.3	243.0	223.6	213.4	202.6	199.1	200.3	202.0	203.7
67.5°	222.5	220.8	219.1	212.2	204.8	196.3	187.2	183.8	184.3	186.6	188.9
70°	199.7	197.4	194.6	189.5	184.3	177.0	169.6	167.3	166.7	169.6	171.8
72.5°	177.0	174.1	170.7	166.7	162.2	155.9	149.6	147.9	148.5	150.2	151.9
75°	151.9	149.6	146.8	143.4	139.4	133.7	128.0	126.9	128.0	129.7	131.4
77.5°	124.6	124.0	122.9	120.1	117.2	110.9	104.1	103.6	105.3	107.0	108.1
80°	97.3	97.9	98.4	96.2	93.9	87.1	79.7	79.1	80.8	82.5	84.2
82.5°	71.7	73.4	74.5	71.7	68.8	60.9	52.9	51.8	57.5	59.2	60.9
85°	41.5	43.8	46.1	43.8	41.5	33.6	25.6	25.0	30.2	33.0	35.8
87.5°	3.4	4.6	5.7	5.1	4.6	2.3	0.0	0.0	0.6	2.8	5.1
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):

	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: P387065

CATALOG NUMBER: GWC-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6
2.5°	3705.7	3683.5	3676.7	3669.9	3644.8	3619.2	3645.4	3671.0	3681.8	3692.6	3664.8
5°	3013.3	3009.3	3009.3	3008.7	2986.0	2962.6	2980.3	2997.3	2959.2	2921.1	2917.1
7.5°	2258.3	2282.7	2302.6	2322.0	2314.6	2307.2	2323.7	2340.2	2291.8	2242.9	2219.0
10°	1672.2	1677.3	1699.0	1720.6	1725.7	1730.2	1750.7	1770.6	1733.1	1695.5	1679.0
12.5°	1304.7	1277.3	1280.2	1282.5	1292.7	1302.4	1324.0	1345.1	1329.7	1313.8	1315.5
15°	1056.6	1021.9	1007.7	992.9	1004.2	1015.6	1031.0	1045.8	1046.3	1046.3	1061.1
17.5°	862.6	844.9	830.7	815.9	831.3	846.1	847.8	849.5	850.0	850.6	849.5
20°	706.7	715.2	710.6	706.1	711.8	716.9	721.5	725.4	720.3	714.6	700.4
22.5°	619.6	627.0	632.7	637.8	647.5	656.6	652.0	646.9	636.7	625.9	615.1
25°	569.0	574.1	579.8	585.5	593.4	600.8	592.9	584.9	577.5	570.1	562.7
27.5°	526.3	531.4	536.5	541.1	548.5	555.3	547.9	540.5	534.3	528.0	522.3
30°	491.6	495.0	499.0	503.0	509.8	516.1	509.8	503.0	498.4	493.3	489.3
32.5°	462.0	465.4	467.1	468.8	475.1	481.4	476.8	472.2	468.3	464.3	461.4
35°	429.6	436.4	437.5	438.7	444.9	451.2	448.4	444.9	440.4	435.8	430.7
37.5°	396.6	404.5	409.1	413.1	419.3	425.6	422.7	419.9	413.6	407.4	398.3
40°	368.7	372.1	380.6	388.6	398.8	408.5	402.8	396.6	386.9	377.2	372.7
42.5°	345.4	344.8	352.8	360.7	376.1	390.9	380.6	370.4	361.3	352.2	351.1
45°	324.9	323.2	327.2	331.1	347.6	363.6	353.3	342.5	337.4	332.3	332.3
47.5°	306.7	305.5	308.4	310.7	320.9	330.6	325.5	320.3	317.5	314.6	315.2
50°	290.2	289.0	291.9	294.2	298.1	301.6	302.7	303.3	301.6	299.8	301.0
52.5°	274.8	274.8	276.0	276.5	281.6	286.8	286.8	286.2	286.2	286.2	287.3
55°	261.7	262.9	262.9	262.9	270.8	278.2	276.0	273.7	274.2	274.2	275.4
57.5°	248.6	250.3	251.5	252.6	260.6	268.6	266.3	264.0	264.0	264.0	264.6
60°	233.8	236.1	238.4	240.7	248.6	256.6	254.3	251.5	252.1	252.6	253.2
62.5°	219.6	221.9	224.2	226.5	234.4	242.4	240.1	237.3	239.0	240.1	240.1
65°	206.0	207.7	210.0	212.2	219.6	227.0	224.7	222.5	224.7	226.5	227.6
67.5°	190.6	191.7	194.0	196.3	203.7	211.1	208.8	206.0	208.8	211.1	213.4
70°	173.0	174.1	177.0	179.2	186.6	194.0	191.2	188.3	191.2	194.0	196.3
72.5°	153.6	154.8	157.6	159.9	168.4	177.0	173.5	170.1	173.5	177.0	178.1
75°	132.6	133.7	137.1	140.0	148.5	157.0	154.2	150.8	153.6	156.5	157.0
77.5°	109.8	111.5	116.1	120.6	127.4	134.3	132.6	130.9	132.6	134.3	134.3
80°	85.9	87.6	93.3	98.4	102.4	106.4	107.0	107.5	108.1	108.7	108.1
82.5°	63.7	66.0	71.1	76.2	76.2	76.2	80.8	84.8	84.8	84.2	83.6
85°	39.3	42.1	46.7	51.2	48.4	45.5	52.9	59.7	59.7	59.2	58.0
87.5°	8.0	10.8	15.4	19.3	16.5	13.7	21.1	28.4	29.0	29.0	27.9
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: P387065

CATALOG NUMBER: GWC-SA2D-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: P387065

CATALOG NUMBER: GWC-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6
2.5°	3636.3	3680.7	3724.5	3735.9	3752.9	3760.3	3767.2	3822.9	3878.1	3943.0	4007.8
5°	2912.6	2945.6	2978.6	2983.7	3001.3	3010.4	3019.5	3087.2	3154.4	3244.9	3335.3
7.5°	2195.1	2203.1	2211.0	2209.9	2224.7	2244.6	2263.9	2336.2	2407.9	2505.2	2601.9
10°	1662.5	1680.7	1698.4	1714.9	1747.3	1784.9	1821.9	1895.8	1969.8	2065.9	2161.5
12.5°	1317.2	1338.2	1358.7	1376.9	1414.5	1464.5	1514.0	1602.8	1691.6	1806.5	1920.9
15°	1075.4	1073.7	1071.9	1084.5	1117.5	1172.1	1226.1	1320.0	1413.9	1540.2	1666.0
17.5°	848.3	839.8	831.3	840.9	871.7	916.6	961.0	1040.7	1119.7	1242.1	1364.4
20°	686.2	680.5	674.8	683.9	703.3	722.0	740.8	798.3	855.2	954.7	1053.7
22.5°	603.7	603.1	602.0	607.1	616.2	625.9	635.0	662.9	690.2	754.5	818.2
25°	555.3	554.7	554.2	556.5	563.9	571.2	578.6	596.9	615.1	645.8	676.5
27.5°	516.6	515.5	514.4	514.9	516.6	528.0	538.8	547.4	555.3	576.4	596.9
30°	485.3	484.8	484.2	484.2	482.5	486.5	490.5	503.5	516.1	537.7	559.3
32.5°	458.6	455.7	452.9	446.6	442.7	448.4	454.0	467.7	481.4	501.3	521.2
35°	425.0	417.6	409.7	406.2	406.8	412.5	418.2	431.9	444.9	466.6	487.6
37.5°	388.6	386.3	383.5	382.9	384.6	390.3	396.0	408.0	419.3	441.0	462.0
40°	368.1	367.0	365.8	364.7	365.8	371.5	377.2	388.6	399.4	420.5	441.0
42.5°	349.9	349.3	348.8	348.8	349.3	355.6	361.9	373.2	384.1	402.8	421.6
45°	332.3	332.8	332.8	334.0	335.7	342.0	347.6	360.2	372.7	390.9	409.1
47.5°	315.8	317.5	318.6	321.5	323.2	330.0	336.3	349.9	363.6	386.3	408.5
50°	301.6	303.3	304.4	306.7	311.2	319.2	327.2	343.7	359.6	397.7	435.3
52.5°	288.5	290.2	291.9	294.2	299.8	309.0	318.1	338.5	358.5	402.8	447.2
55°	276.5	278.2	279.4	282.8	288.5	296.4	303.8	328.9	353.9	386.3	418.8
57.5°	265.1	266.8	268.0	270.3	273.1	281.6	289.6	316.3	343.1	365.8	388.0
60°	253.2	254.3	254.9	254.9	257.2	266.8	276.5	310.7	344.2	340.2	335.7
62.5°	240.1	241.2	241.8	240.1	243.0	253.2	263.4	307.8	352.2	324.9	297.6
65°	228.2	227.6	227.0	225.3	228.7	239.0	248.6	270.8	293.0	282.2	271.4
67.5°	215.1	213.4	211.7	209.4	212.8	221.9	230.4	237.8	245.2	246.4	247.5
70°	198.6	196.3	194.0	193.5	195.2	202.6	210.0	215.1	219.6	221.9	223.6
72.5°	179.2	177.5	175.8	174.7	175.2	181.5	187.2	191.7	196.3	198.0	199.1
75°	157.6	157.6	157.0	153.6	153.6	158.7	163.3	167.3	171.3	173.5	175.8
77.5°	134.3	134.8	134.8	130.3	129.7	134.8	139.4	142.8	145.7	147.9	149.6
80°	107.5	106.4	105.3	102.4	101.3	107.5	113.2	116.1	118.3	118.9	118.9
82.5°	82.5	80.2	77.4	71.1	71.7	78.5	84.8	87.1	89.3	89.3	89.3
85°	56.3	51.8	46.7	41.5	42.1	49.5	56.3	58.6	60.9	62.0	62.6
87.5°	26.7	22.2	17.1	13.1	13.1	19.3	25.0	26.2	27.3	29.6	31.9
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: P387065

CATALOG NUMBER: GWC-SA2D-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: P387065

CATALOG NUMBER: GWC-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6
2.5°	4057.3	4106.3	4156.9	4207.6	4265.6	4323.6	4391.3	4458.5	4515.9	4573.4	4621.2
5°	3413.3	3491.2	3582.8	3674.4	3791.1	3907.7	4050.5	4192.8	4319.6	4446.5	4593.9
7.5°	2703.8	2805.0	2924.5	3044.0	3194.8	3345.6	3530.5	3715.4	3894.6	4073.3	4299.7
10°	2267.9	2374.3	2492.1	2609.3	2762.9	2916.0	3111.7	3306.9	3508.3	3709.1	3965.2
12.5°	2039.2	2157.0	2260.5	2364.1	2488.7	2612.7	2802.2	2991.7	3228.4	3464.5	3710.8
15°	1795.1	1923.7	2047.7	2171.8	2307.8	2443.2	2627.5	2811.9	3070.7	3329.6	3613.0
17.5°	1499.8	1635.2	1786.6	1937.4	2114.9	2291.8	2527.9	2764.1	3070.7	3376.9	3710.8
20°	1192.0	1330.3	1511.2	1692.1	1912.9	2133.1	2439.2	2745.3	3158.4	3570.9	3997.0
22.5°	940.5	1062.3	1259.7	1456.6	1711.5	1966.4	2359.0	2751.0	3290.9	3830.3	4405.6
25°	762.4	848.3	1042.4	1235.8	1530.0	1824.1	2310.0	2795.4	3483.8	4171.7	4885.2
27.5°	653.2	709.5	890.4	1070.8	1392.3	1713.2	2290.1	2866.5	3728.5	4590.5	5406.9
30°	598.6	637.8	790.9	943.4	1269.9	1596.5	2266.2	2935.9	3964.0	4991.6	5814.9
32.5°	553.0	584.3	715.2	845.5	1164.1	1482.7	2220.1	2957.0	4128.5	5300.0	6160.3
35°	514.4	540.5	654.3	768.1	1081.0	1394.0	2142.8	2891.5	4231.5	5571.4	6519.9
37.5°	483.1	503.5	608.8	714.1	1009.4	1304.7	2054.6	2804.5	4323.1	5841.6	6924.4
40°	458.6	476.2	574.7	673.1	941.1	1209.1	1978.9	2748.1	4449.4	6150.6	7351.7
42.5°	444.9	467.7	545.1	621.9	876.2	1130.5	1918.0	2705.5	4566.6	6427.1	7725.5
45°	441.5	474.0	529.7	585.5	827.9	1070.2	1864.0	2657.1	4642.2	6627.4	8007.2
47.5°	435.8	462.6	517.8	573.0	804.0	1034.4	1834.9	2634.9	4717.9	6800.4	8241.0
50°	439.2	442.7	508.1	573.0	800.5	1028.1	1867.9	2707.7	4881.8	7055.3	8508.4
52.5°	433.0	418.2	489.9	561.6	800.0	1038.4	1963.0	2887.5	5186.2	7484.3	8798.0
55°	400.0	380.6	455.7	530.9	788.0	1044.6	2076.2	3107.2	5594.7	8081.7	9318.6
57.5°	371.0	353.3	417.1	480.2	751.6	1023.0	2192.8	3362.1	6026.6	8690.5	9905.2
60°	332.3	328.3	373.8	419.3	695.3	970.7	2289.0	3606.7	6316.7	9026.2	10131.1
62.5°	300.4	302.7	336.3	369.8	624.7	879.1	2320.8	3762.0	6308.8	8855.5	9903.5
65°	276.0	279.9	312.9	345.9	564.4	782.9	2216.1	3648.8	5989.6	8329.8	9453.5
67.5°	252.1	256.6	295.9	334.6	510.9	686.8	1954.4	3221.5	5415.5	7608.9	8881.1
70°	229.3	235.0	277.7	320.3	472.2	623.6	1617.0	2610.4	4696.9	6782.7	8218.2
72.5°	204.8	210.5	256.0	301.6	447.8	593.4	1318.3	2042.6	3811.5	5579.9	7029.7
75°	179.8	183.8	233.3	282.2	414.2	546.2	1034.4	1522.0	2917.1	4312.2	5309.7
77.5°	154.8	159.9	201.4	242.4	351.6	460.3	779.5	1098.7	2140.5	3181.7	3692.6
80°	123.5	128.0	157.6	186.6	271.4	355.6	536.0	716.3	1473.1	2229.8	2517.7
82.5°	94.4	99.6	119.5	138.8	193.5	248.1	324.9	401.7	978.6	1555.0	1578.9
85°	64.9	66.6	80.8	94.4	119.5	144.5	186.1	227.6	647.5	1067.4	889.3
87.5°	32.4	32.4	42.1	51.8	64.3	76.8	98.4	119.5	207.1	294.7	169.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P387065

CATALOG NUMBER: GWC-SA2D-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: P387065

CATALOG NUMBER: GWC-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6
2.5°	4682.1	4723.6	4765.7	4797.6	4830.0	4876.7	4923.3	4931.9	4941.0	4922.8	4904.5
5°	4742.4	4868.1	4994.4	5111.1	5227.7	5297.7	5367.7	5381.9	5396.1	5352.3	5307.9
7.5°	4518.8	4737.8	4956.9	5157.7	5358.6	5480.3	5602.7	5630.0	5657.9	5586.2	5514.5
10°	4220.1	4489.2	4758.3	5022.9	5287.5	5464.4	5641.4	5676.6	5711.9	5622.6	5533.3
12.5°	3989.1	4276.4	4563.7	4842.5	5121.9	5305.1	5488.3	5532.1	5575.9	5511.1	5445.6
15°	3917.9	4188.2	4458.5	4701.4	4944.9	5094.6	5244.8	5262.4	5280.6	5270.4	5260.2
17.5°	4047.1	4291.2	4535.9	4667.9	4800.4	4860.2	4920.5	4939.8	4959.7	4985.3	5011.5
20°	4360.0	4531.9	4704.3	4698.6	4692.3	4663.3	4633.7	4628.6	4623.5	4696.9	4770.8
22.5°	4827.2	4895.4	4964.3	4804.4	4644.5	4547.2	4449.4	4430.0	4410.1	4488.1	4566.6
25°	5334.1	5321.6	5308.5	5004.1	4699.1	4513.7	4328.2	4306.6	4284.9	4351.5	4418.6
27.5°	5836.0	5754.0	5672.1	5258.4	4844.8	4575.7	4306.6	4284.9	4263.3	4322.5	4381.7
30°	6204.1	6072.6	5941.2	5472.9	5004.7	4684.9	4365.2	4329.9	4294.0	4366.9	4439.7
32.5°	6491.4	6315.0	6138.6	5647.1	5155.5	4809.5	4463.6	4408.4	4353.2	4450.5	4547.8
35°	6778.2	6530.1	6281.5	5802.4	5322.7	4956.9	4590.5	4522.8	4455.1	4588.8	4722.5
37.5°	7138.9	6782.7	6426.0	5977.1	5528.1	5177.7	4826.6	4757.2	4687.8	4857.9	5028.6
40°	7530.4	7055.3	6580.2	6168.2	5756.3	5483.2	5209.5	5143.5	5076.9	5284.1	5491.2
42.5°	7855.8	7309.0	6762.2	6398.7	6034.5	5842.2	5649.3	5648.8	5647.6	5857.6	6067.5
45°	8120.4	7520.7	6920.4	6623.4	6325.8	6225.7	6125.6	6205.8	6286.0	6475.5	6665.5
47.5°	8317.8	7698.2	7078.0	6880.6	6683.2	6697.9	6712.7	6876.0	7039.3	7161.1	7283.4
50°	8446.4	7859.2	7271.5	7210.6	7149.7	7282.3	7415.4	7602.6	7790.4	7873.4	7956.5
52.5°	8633.6	8077.7	7521.3	7589.5	7657.8	7928.6	8199.5	8388.9	8578.4	8609.1	8640.4
55°	9066.6	8479.4	7891.7	8022.5	8153.9	8551.1	8948.8	9096.7	9244.7	9256.0	9267.4
57.5°	9681.6	9042.1	8402.6	8543.7	8684.8	9143.4	9602.6	9761.9	9921.7	9899.6	9876.8
60°	10141.9	9576.4	9010.3	9152.5	9294.7	9742.0	10189.2	10372.4	10556.2	10507.2	10458.3
62.5°	10170.4	9868.3	9565.6	9694.2	9823.3	10261.4	10699.5	10887.9	11076.2	10990.8	10905.5
65°	9718.1	9853.5	9988.9	10031.6	10074.2	10482.8	10891.8	11035.8	11180.3	11137.1	11093.8
67.5°	9095.0	9594.0	10093.6	10007.7	9921.7	10113.5	10305.2	10453.7	10602.2	10577.8	10552.7
70°	8473.1	9139.4	9805.7	9383.5	8960.8	8881.7	8802.6	8962.5	9122.9	9023.9	8924.3
72.5°	7414.3	8124.4	8835.0	8057.2	7279.4	7009.2	6738.9	6942.0	7145.2	6987.6	6829.4
75°	5820.0	6604.6	7389.8	6461.8	5533.8	5173.1	4812.4	4987.0	5161.7	5053.6	4944.9
77.5°	4332.7	5106.0	5879.2	4935.8	3991.9	3723.9	3455.4	3507.1	3559.5	3541.3	3522.5
80°	2938.7	3477.6	4016.9	3388.8	2760.7	2781.1	2802.2	2777.7	2752.7	2789.1	2825.5
82.5°	1875.3	2291.3	2707.7	2374.3	2040.9	2232.1	2423.3	2329.4	2234.9	2269.6	2304.9
85°	1070.2	1477.1	1884.4	1756.4	1627.8	1739.3	1851.4	1705.8	1560.1	1623.8	1688.1
87.5°	282.2	817.0	1352.4	1227.8	1103.2	958.7	814.2	621.3	428.4	625.9	823.3
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: P387065

CATALOG NUMBER: GWC-SA2D-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: P387065

CATALOG NUMBER: GWC-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6	4335.6
2.5°	4894.9	4885.2	4850.5	4815.2	4762.9	4719.6	4644.5
5°	5246.5	5185.0	5079.2	4972.8	4854.5	4718.5	4567.7
7.5°	5371.1	5227.2	5024.0	4820.3	4637.1	4422.1	4221.8
10°	5318.2	5102.5	4838.5	4574.0	4351.5	4104.0	3881.5
12.5°	5216.9	4987.6	4696.9	4405.6	4152.4	3886.7	3637.4
15°	5077.5	4894.3	4621.8	4349.2	4094.3	3836.0	3540.7
17.5°	4925.0	4838.0	4641.1	4443.7	4222.9	3972.6	3626.1
20°	4802.1	4834.0	4755.5	4677.0	4500.0	4281.5	3892.3
22.5°	4719.1	4872.1	4932.4	4993.3	4886.9	4716.2	4266.2
25°	4672.4	4926.2	5128.2	5330.7	5283.5	5152.0	4720.2
27.5°	4692.9	5004.1	5317.6	5631.7	5675.5	5639.1	5198.7
30°	4754.3	5069.5	5451.3	5833.7	6008.4	6057.3	5597.6
32.5°	4856.8	5165.7	5581.6	5998.1	6262.1	6418.0	5962.3
35°	5011.5	5300.6	5734.1	6167.7	6509.0	6793.5	6338.9
37.5°	5277.2	5525.9	5925.9	6326.4	6769.1	7196.4	6753.7
40°	5666.4	5842.2	6180.2	6518.7	7075.7	7652.7	7216.3
42.5°	6157.4	6247.9	6515.9	6783.9	7396.1	8066.9	7668.6
45°	6689.4	6713.3	6881.7	7050.7	7649.8	8349.1	8008.3
47.5°	7201.5	7119.6	7186.7	7253.8	7844.4	8550.5	8266.0
50°	7728.4	7500.2	7464.9	7429.6	8039.0	8787.8	8593.8
52.5°	8264.3	7888.2	7748.8	7608.9	8271.2	9102.4	9001.7
55°	8788.9	8310.4	8122.7	7934.9	8626.2	9486.5	9600.8
57.5°	9334.6	8792.3	8618.2	8444.1	9147.9	9973.0	10138.5
60°	9921.7	9384.6	9245.2	9105.3	9796.6	10498.7	10378.1
62.5°	10478.8	10052.0	9978.6	9904.7	10452.6	10902.7	10284.8
65°	10850.9	10607.4	10675.6	10744.5	10948.7	11003.4	10011.6
67.5°	10602.2	10651.7	10940.2	11229.2	11088.7	10704.1	9473.4
70°	9220.8	9517.8	10201.1	10885.0	10573.2	9902.4	8507.3
72.5°	7162.8	7496.8	8511.3	9526.3	9239.0	8417.4	6987.6
75°	5321.6	5698.8	6818.6	7938.3	7539.5	6296.3	5003.0
77.5°	3775.1	4027.8	5133.3	6239.4	5589.0	4191.1	3366.6
80°	2748.1	2670.8	3287.0	3903.2	3795.0	2772.0	2162.1
82.5°	2116.0	1927.1	2217.3	2507.5	2491.5	1923.7	1586.3
85°	1612.5	1536.8	1793.4	2050.0	1830.4	1302.9	1008.2
87.5°	939.9	1057.2	1359.3	1662.0	1247.2	395.4	195.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P387065
 CATALOG NUMBER: GWC-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

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

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

Scaled Data Report



Report Generated By 670245982

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

Scaled Data Report



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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

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

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Signify Classified - Internal
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
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Peachtree City, GA 30269

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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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Scaled Data Report



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