

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: P386811

Luminaire Tested: **GWC-SA2C-730-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P386811
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-SA2C-730-U-SLL
Description: GALLEON WALL LUMINAIRE
(2) 70 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11814 lumens
Efficiency: N/A
Efficacy: 104.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G3

Input Watts (W): 113
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

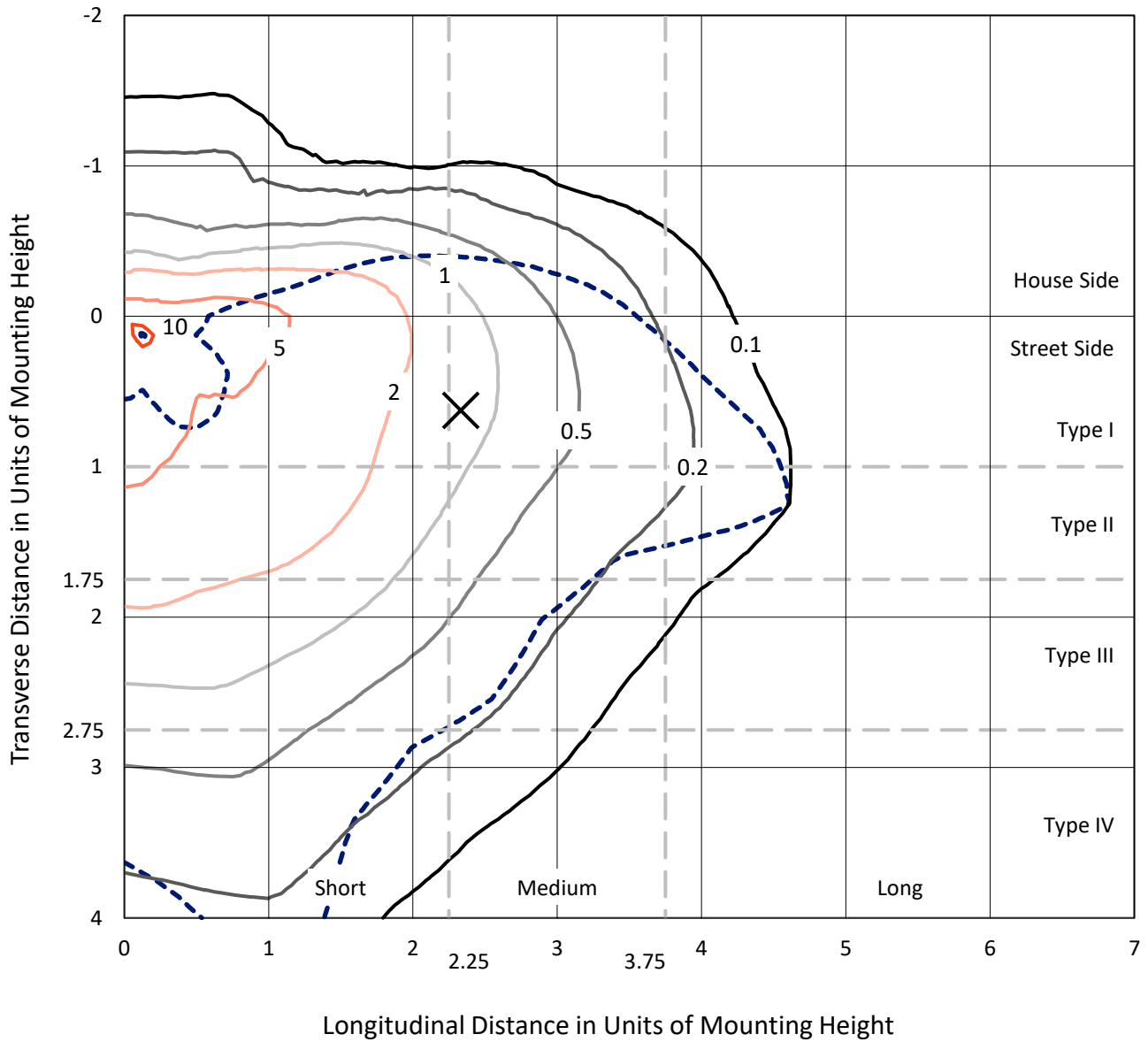




REPORT NUMBER: P386811
 CATALOG NUMBER: GWC-SA2C-730-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

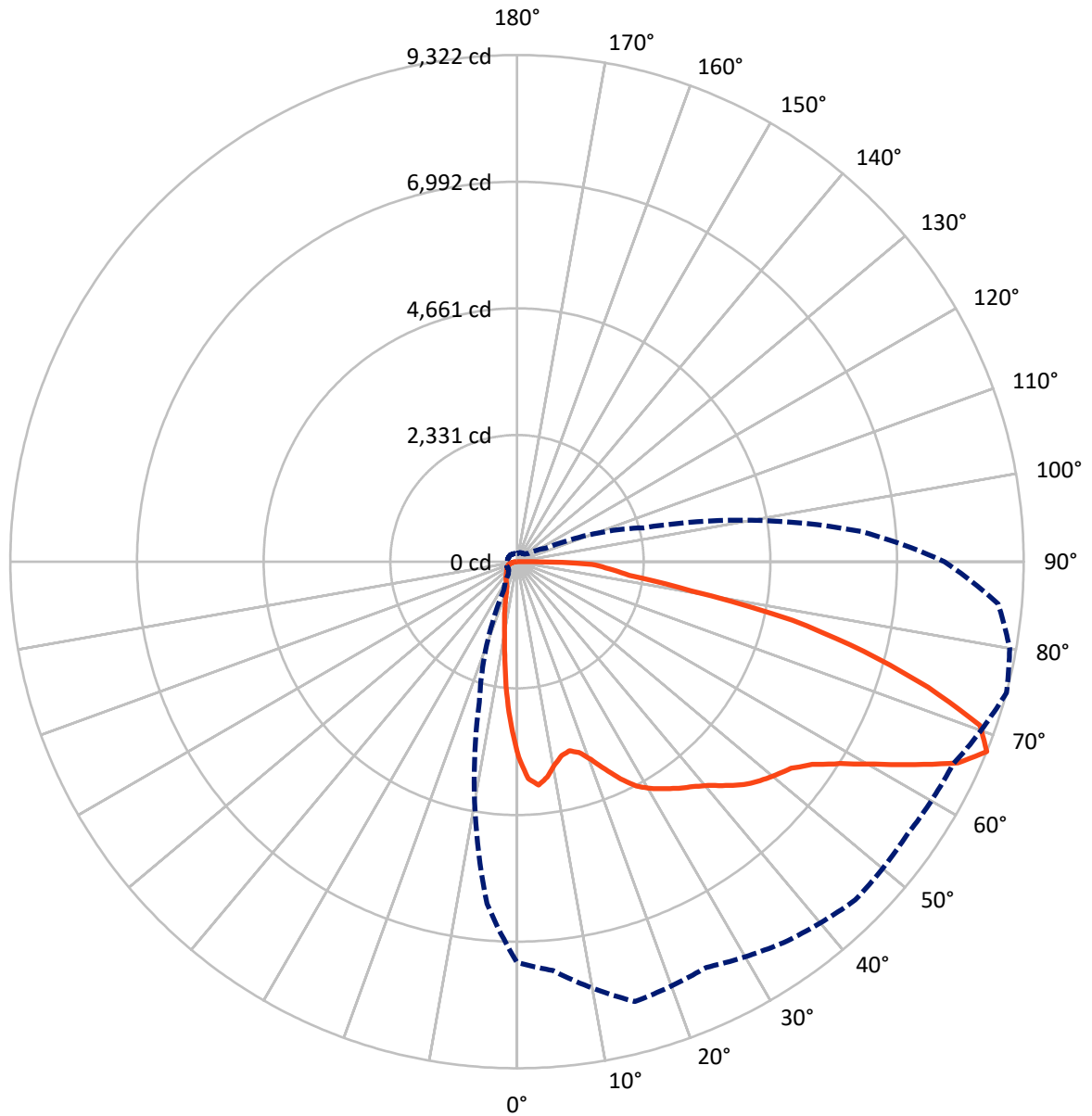
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 11.3 fc
 Type III - Medium - N/A

REPORT NUMBER: P386811
CATALOG NUMBER: GWC-SA2C-730-U-SLL

Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P386811

CATALOG NUMBER: GWC-SA2C-730-U-SLL

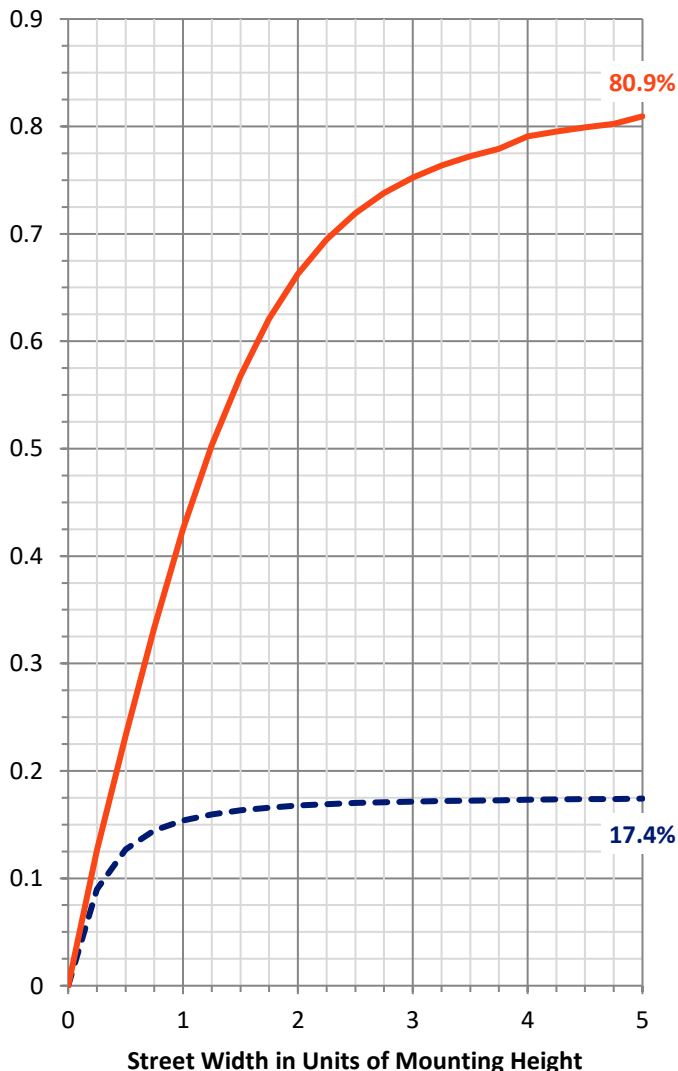
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2080.7	0.0	2080.7
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	9733.3	0.0	9733.3
	% Fixture	82.4	0.0	82.4
Total	Lumens	11814.0	0.0	11814.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	277.8	2.4
10°-20°	577.1	4.9
20°-30°	820.7	6.9
30°-40°	1182.6	10.0
40°-50°	1666.6	14.1
50°-60°	2316.9	19.6
60°-70°	2801.9	23.7
70°-80°	1722.3	14.6
80°-90°	448.2	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°	11814.0	100.0
0°-180°	11814.0	100.0

Coefficient of Utilization



REPORT NUMBER: P386811

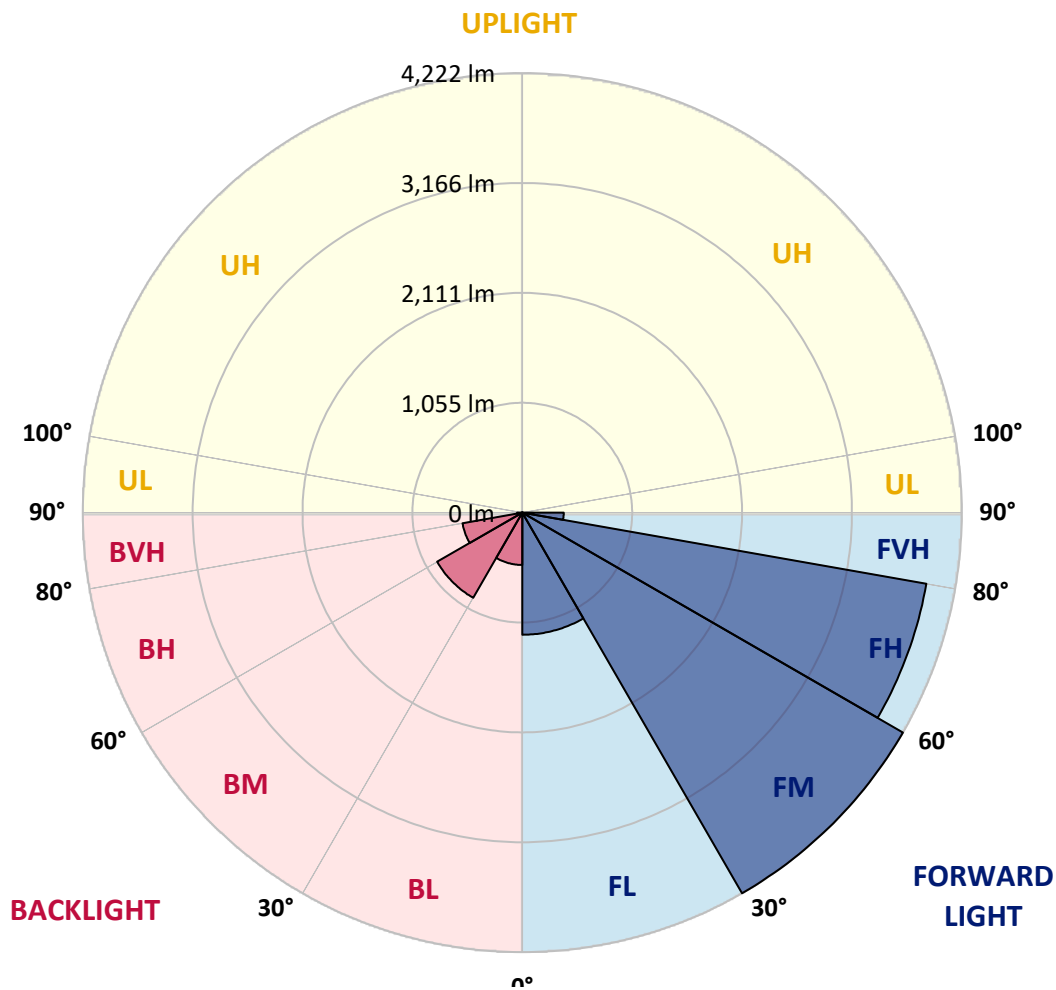
CATALOG NUMBER: GWC-SA2C-730-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1173.0	9.9			
FM (30°-60°)	4221.7	35.7			
FH (60°-80°)	3940.8	33.4			G2/5000
FVH (80°-90°)	397.8	3.4			G3/500
BL (0°-30°)	502.5	4.3	B2/1000		
BM (30°-60°)	944.5	8.0	B1/1000		
BH (60°-80°)	583.4	4.9	B2/1000		G2/1000
BVH (80°-90°)	50.4	0.4			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 III Medium





REPORT NUMBER: P386811

CATALOG NUMBER: GWC-SA2C-730-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2
2.5°	3836.3	3886.8	3921.8	3956.3	3983.2	4009.6	4048.4	4087.1	4094.7	4101.8	4086.6
5°	3813.6	3936.9	4041.8	4146.2	4243.0	4339.8	4397.9	4456.0	4467.8	4479.6	4443.3
7.5°	3569.4	3751.3	3933.1	4115.0	4281.7	4448.4	4550.0	4651.1	4674.2	4696.9	4637.4
10°	3291.7	3503.3	3726.7	3950.1	4169.8	4389.4	4536.3	4683.2	4712.5	4741.8	4667.6
12.5°	3080.6	3311.5	3550.1	3788.6	4020.5	4252.0	4404.0	4556.1	4592.5	4628.9	4575.0
15°	2999.3	3252.5	3476.9	3701.2	3903.4	4105.1	4229.8	4354.0	4369.1	4383.7	4375.2
17.5°	3080.6	3359.7	3562.8	3765.5	3875.5	3985.1	4035.2	4084.8	4101.3	4117.3	4139.1
20°	3318.2	3619.5	3762.6	3905.3	3900.5	3895.3	3871.3	3846.7	3842.4	3838.2	3899.6
22.5°	3657.3	4007.3	4064.4	4121.1	3988.4	3855.7	3774.9	3693.7	3677.6	3661.1	3726.2
25°	4055.5	4428.1	4417.7	4406.9	4154.2	3901.0	3747.0	3593.1	3575.1	3557.2	3612.9
27.5°	4488.6	4844.7	4776.7	4708.7	4365.3	4021.9	3798.5	3575.1	3557.2	3539.2	3588.3
30°	4827.3	5150.3	5041.2	4932.1	4543.4	4154.7	3889.2	3623.8	3594.5	3564.7	3625.2
32.5°	5114.0	5388.9	5242.4	5096.0	4687.9	4279.8	3992.6	3705.5	3659.6	3613.8	3694.6
35°	5412.5	5626.9	5421.0	5214.6	4816.9	4418.7	4115.0	3810.8	3754.6	3698.4	3809.4
37.5°	5748.3	5926.4	5630.7	5334.5	4961.9	4589.2	4298.2	4006.8	3949.2	3891.6	4033.3
40°	6103.0	6251.3	5857.0	5462.6	5120.6	4778.6	4551.9	4324.7	4269.9	4214.6	4386.6
42.5°	6413.4	6521.5	6067.6	5613.7	5311.9	5009.6	4849.9	4689.8	4689.3	4688.4	4862.7
45°	6647.2	6741.2	6243.3	5745.0	5498.4	5251.4	5168.3	5085.2	5151.8	5218.4	5376.1
47.5°	6841.3	6905.1	6390.7	5875.8	5711.9	5548.0	5560.3	5572.6	5708.2	5843.7	5945.3
50°	7063.3	7011.8	6524.4	6036.4	5985.9	5935.4	6045.9	6155.9	6311.8	6467.2	6536.2
52.5°	7303.7	7167.2	6705.7	6243.8	6300.5	6357.2	6582.0	6806.8	6964.1	7121.4	7147.4
55°	7735.9	7526.7	7039.2	6551.3	6660.4	6769.0	7099.2	7428.9	7551.7	7674.5	7683.9
57.5°	8222.9	8037.2	7506.3	6975.4	7092.6	7209.7	7590.9	7971.6	8104.3	8236.6	8218.2
60°	8410.4	8419.4	7949.9	7479.9	7598.0	7716.1	8087.3	8458.6	8611.1	8763.2	8722.6
62.5°	8221.5	8443.0	8192.2	7940.9	8048.1	8154.9	8518.6	8882.3	9038.6	9194.9	9124.1
65°	7847.8	8067.5	8179.9	8292.3	8327.7	8363.2	8702.8	9041.9	9161.9	9281.4	9245.5
67.5°	7372.7	7550.3	7965.0	8379.2	8307.9	8236.6	8395.7	8554.9	8678.2	8801.5	8781.2
70°	6822.4	7034.0	7587.1	8140.2	7789.7	7438.8	7373.1	7307.5	7440.7	7573.4	7491.2
72.5°	5835.7	6155.0	6744.9	7334.4	6688.7	6043.1	5818.7	5594.3	5763.0	5931.6	5800.7
75°	4407.8	4831.5	5483.3	6134.7	5364.3	4593.9	4294.5	3995.0	4140.0	4285.0	4195.3
77.5°	3065.5	3596.8	4238.7	4880.6	4097.5	3313.9	3091.4	2868.5	2911.9	2954.9	2939.8
80°	2090.1	2439.6	2887.4	3334.7	2813.2	2291.8	2309.2	2326.2	2305.9	2285.2	2315.4
82.5°	1310.7	1556.8	1902.6	2247.8	1971.1	1694.3	1853.0	2011.7	1933.7	1855.3	1884.6
85°	738.3	888.5	1226.7	1564.4	1458.1	1351.3	1444.4	1537.0	1416.1	1295.1	1348.5
87.5°	140.8	234.3	678.7	1122.7	1019.3	915.9	795.9	675.9	515.8	355.7	519.6
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: P386811
 CATALOG NUMBER: GWC-SA2C-730-U-SLL

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



REPORT NUMBER: P386811

CATALOG NUMBER: GWC-SA2C-730-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2
2.5°	4071.5	4063.5	4055.5	4026.7	3997.4	3953.9	3918.0	3855.7	3821.7	3770.2	3718.7
5°	4406.4	4355.4	4304.4	4216.5	4128.2	4030.0	3917.1	3791.9	3697.4	3574.6	3451.8
7.5°	4577.9	4458.8	4339.3	4170.7	4001.6	3849.5	3671.0	3504.7	3363.0	3203.4	3043.7
10°	4593.5	4414.9	4235.9	4016.7	3797.1	3612.4	3407.0	3222.3	3052.2	2869.0	2685.2
12.5°	4520.7	4330.8	4140.5	3899.1	3657.3	3447.6	3226.5	3019.6	2831.2	2629.5	2427.3
15°	4366.7	4215.1	4063.0	3836.8	3610.5	3398.9	3184.5	2939.3	2726.3	2519.9	2313.0
17.5°	4160.3	4088.5	4016.3	3852.8	3688.9	3505.7	3297.8	3010.2	2760.8	2536.4	2312.1
20°	3960.5	3987.0	4013.0	3947.8	3882.6	3735.7	3554.3	3231.2	2912.9	2619.6	2325.8
22.5°	3791.0	3918.0	4044.6	4095.1	4145.2	4056.9	3915.2	3541.6	3120.2	2737.2	2354.1
25°	3668.2	3878.8	4089.5	4257.6	4425.3	4386.1	4277.0	3918.5	3395.1	2906.7	2417.9
27.5°	3637.4	3895.8	4154.2	4414.9	4675.2	4711.5	4681.3	4315.7	3722.9	3117.4	2511.4
30°	3685.6	3947.3	4208.5	4525.9	4842.8	4987.9	5028.5	4646.8	4097.5	3363.0	2628.1
32.5°	3775.4	4031.8	4288.3	4634.1	4979.4	5198.5	5327.9	4949.6	4358.7	3548.2	2737.2
35°	3920.4	4160.3	4400.3	4760.2	5120.1	5403.5	5639.7	5262.3	4590.6	3677.6	2764.1
37.5°	4174.5	4380.9	4587.3	4919.8	5251.9	5619.4	5974.1	5606.6	4841.4	3802.3	2762.7
40°	4558.5	4704.5	4849.9	5131.0	5411.5	5874.0	6352.9	5990.6	5118.7	3937.4	2756.1
42.5°	5037.0	5112.1	5186.7	5409.2	5631.6	6139.9	6696.8	6366.1	5383.2	4063.0	2742.8
45°	5533.4	5553.2	5573.1	5713.4	5853.2	6350.5	6931.0	6648.1	5614.2	4172.1	2729.6
47.5°	6046.4	5978.3	5910.3	5966.1	6021.8	6512.1	7098.2	6862.1	5846.1	4293.1	2739.5
50°	6605.1	6415.7	6226.3	6197.0	6167.7	6673.6	7295.2	7134.1	6124.8	4469.2	2813.7
52.5°	7172.9	6860.7	6548.4	6432.7	6316.5	6866.3	7556.4	7472.8	6522.5	4742.2	2961.5
55°	7693.4	7296.2	6898.9	6743.1	6587.2	7161.1	7875.2	7970.2	7032.1	5091.3	3150.0
57.5°	8199.3	7749.1	7299.0	7154.5	7009.9	7594.2	8279.1	8416.5	7547.0	5426.2	3304.9
60°	8682.0	8236.6	7790.7	7675.0	7558.8	8132.7	8715.5	8615.4	7812.4	5583.0	3353.1
62.5°	9053.2	8699.0	8344.7	8283.8	8222.4	8677.3	9050.9	8537.9	7643.8	5428.5	3213.3
65°	9209.6	9007.9	8805.7	8862.9	8919.6	9089.1	9134.5	8311.2	7113.8	4995.9	2877.9
67.5°	8760.4	8801.5	8842.6	9082.5	9322.0	9205.3	8886.0	7864.4	6359.5	4382.8	2406.1
70°	7408.6	7655.1	7901.2	8469.0	9036.2	8777.4	8220.5	7062.3	5451.7	3676.7	1901.1
72.5°	5669.4	5946.7	6223.5	7066.1	7908.3	7669.8	6987.7	5800.7	4371.0	2936.0	1500.6
75°	4105.1	4418.2	4730.9	5660.5	6590.0	6258.9	5226.9	4153.2	3320.0	2241.2	1161.9
77.5°	2924.2	3133.9	3343.7	4261.9	5179.6	4640.2	3479.2	2794.8	2297.9	1557.8	817.1
80°	2345.6	2281.4	2217.1	2728.7	3240.2	3150.5	2301.2	1794.9	1590.4	1043.9	497.4
82.5°	1913.4	1756.6	1599.8	1840.7	2081.6	2068.4	1597.0	1316.9	1183.7	725.5	267.3
85°	1401.4	1338.6	1275.8	1488.8	1701.8	1520.0	1081.6	837.0	922.9	534.2	145.5
87.5°	683.5	780.8	877.6	1128.9	1379.7	1035.8	328.3	162.5	224.8	147.8	70.4
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: P386811
 CATALOG NUMBER: GWC-SA2C-730-U-SLL

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: P386811

CATALOG NUMBER: GWC-SA2C-730-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2
2.5°	3680.4	3641.7	3597.8	3553.8	3503.8	3453.2	3423.5	3393.3	3360.7	3328.1	3291.2
5°	3370.6	3289.3	3197.2	3105.1	3014.0	2922.8	2873.7	2824.6	2772.6	2720.2	2674.8
7.5°	2925.6	2807.1	2679.6	2551.6	2438.2	2324.4	2254.0	2183.1	2118.9	2054.2	1999.9
10°	2534.1	2382.9	2254.9	2126.5	2041.0	1955.5	1890.8	1826.0	1763.7	1700.9	1640.9
12.5°	2276.2	2125.0	2043.8	1962.6	1891.7	1820.9	1746.2	1671.1	1585.6	1499.7	1436.8
15°	2175.6	2038.1	1947.9	1857.2	1762.3	1666.9	1575.2	1483.6	1382.5	1281.4	1210.1
17.5°	2132.1	1952.2	1826.0	1699.5	1574.3	1449.1	1342.8	1236.6	1126.0	1015.5	943.3
20°	2086.3	1846.8	1677.7	1508.2	1347.6	1187.0	1066.5	946.1	847.4	748.7	693.4
22.5°	2044.7	1734.9	1522.8	1310.3	1120.4	930.5	812.4	693.9	633.4	572.9	550.7
25°	2027.7	1637.1	1376.4	1115.7	915.4	714.6	630.6	546.5	523.3	499.7	488.4
27.5°	2030.6	1549.7	1253.1	956.0	775.6	595.1	537.5	479.9	465.7	451.1	444.0
30°	2041.4	1454.8	1136.9	819.0	670.2	521.5	484.1	446.4	431.2	416.1	407.2
32.5°	2053.7	1369.8	1047.2	724.1	602.7	480.8	450.1	419.0	404.3	389.7	380.7
35°	2032.5	1300.3	985.8	671.2	559.2	446.8	420.9	394.4	378.3	362.3	353.8
37.5°	1996.6	1230.4	938.1	645.2	530.9	416.1	397.2	377.9	361.3	344.3	336.3
40°	1964.0	1171.4	902.6	633.4	515.3	396.8	380.7	364.6	347.6	330.2	320.7
42.5°	1937.5	1131.7	867.7	603.6	501.1	398.2	375.5	352.4	335.8	319.3	308.9
45°	1917.7	1105.7	840.3	574.8	487.9	401.0	372.2	343.4	326.9	309.9	297.6
47.5°	1915.8	1092.0	820.9	549.8	462.9	375.5	363.7	351.9	327.8	303.2	289.1
50°	1941.8	1069.8	798.2	526.2	438.8	351.4	367.5	383.1	342.0	300.4	282.5
52.5°	1996.1	1030.6	762.3	494.1	409.5	324.5	349.5	374.1	338.7	302.8	279.6
55°	2061.7	973.0	708.0	442.6	370.8	298.5	320.7	342.4	320.2	297.6	269.7
57.5°	2102.8	900.3	639.5	378.8	327.3	275.8	288.6	300.9	291.9	282.9	254.6
60°	2078.3	803.4	562.6	321.2	289.1	257.0	254.6	251.8	265.0	278.2	245.6
62.5°	1958.3	703.3	494.5	285.8	261.7	237.1	231.9	226.2	248.0	269.2	234.8
65°	1755.7	633.4	451.6	269.7	242.8	215.9	210.2	204.5	211.1	217.7	201.7
67.5°	1498.2	590.4	427.0	263.6	231.0	197.9	191.3	184.7	183.3	181.8	176.2
70°	1232.8	564.0	410.9	257.9	218.2	178.1	171.9	165.8	163.9	161.5	157.3
72.5°	1030.6	560.7	409.0	257.4	207.8	158.2	152.6	146.9	144.5	141.7	138.4
75°	844.1	526.2	388.3	250.3	193.7	136.5	131.3	126.1	124.2	121.9	119.0
77.5°	626.3	435.5	326.4	217.3	165.8	114.3	109.1	103.4	103.0	102.0	99.7
80°	406.2	315.0	233.3	151.6	120.9	89.7	85.5	80.8	81.2	81.7	79.8
82.5°	225.8	183.7	142.6	101.6	82.7	63.8	61.9	59.5	60.9	61.9	59.5
85°	119.0	92.6	76.5	60.5	47.7	35.0	35.0	34.5	36.4	38.3	36.4
87.5°	51.5	32.6	27.9	22.7	12.8	2.4	2.8	2.8	3.8	4.7	4.3
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: P386811
 CATALOG NUMBER: GWC-SA2C-730-U-SLL

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: P386811

CATALOG NUMBER: GWC-SA2C-730-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2
2.5°	3253.9	3219.4	3184.5	3146.2	3153.3	3124.0	3094.7	3076.3	3057.9	3052.2	3046.6
5°	2629.5	2590.3	2550.6	2515.2	2545.9	2525.1	2504.3	2501.5	2498.2	2498.2	2497.7
7.5°	1945.5	1903.5	1861.0	1831.7	1861.9	1858.2	1854.4	1874.7	1895.0	1911.5	1927.6
10°	1580.9	1529.9	1478.4	1435.0	1427.4	1405.7	1383.5	1388.2	1392.4	1410.4	1428.3
12.5°	1374.0	1313.1	1252.2	1201.1	1178.0	1142.1	1105.7	1083.1	1060.4	1062.8	1064.6
15°	1138.3	1079.3	1019.8	975.8	961.2	933.3	905.5	877.1	848.3	836.5	824.2
17.5°	870.5	823.3	775.6	746.3	746.3	738.3	730.2	716.1	701.4	689.6	677.3
20°	638.1	613.1	587.6	575.3	579.1	579.6	579.6	586.6	593.7	589.9	586.2
22.5°	528.1	519.1	510.1	504.9	506.8	507.3	507.8	514.4	520.5	525.2	529.5
25°	476.6	470.9	465.2	463.4	467.6	468.1	468.1	472.3	476.6	481.3	486.0
27.5°	436.4	434.1	431.7	428.4	432.7	432.7	432.2	436.9	441.2	445.4	449.2
30°	398.2	399.1	399.6	398.7	401.5	403.4	404.8	408.1	410.9	414.2	417.5
32.5°	371.3	369.8	368.4	367.5	373.6	376.9	380.2	383.5	386.4	387.8	389.2
35°	345.3	342.0	338.7	336.3	342.0	346.2	350.5	356.6	362.3	363.2	364.2
37.5°	327.8	323.5	319.3	316.5	318.8	320.7	322.6	329.2	335.8	339.6	342.9
40°	311.3	307.0	302.8	300.4	301.8	302.3	302.8	306.1	308.9	316.0	322.6
42.5°	298.0	292.8	287.7	284.8	285.8	286.7	287.2	286.7	286.2	292.8	299.5
45°	284.8	279.1	273.5	270.2	270.6	270.6	270.6	269.7	268.3	271.6	274.9
47.5°	274.4	267.8	261.2	257.9	257.0	256.0	255.1	254.6	253.6	256.0	257.9
50°	264.0	257.0	249.4	245.6	243.3	242.3	241.4	240.9	239.9	242.3	244.2
52.5°	256.0	247.5	239.0	232.9	230.5	229.1	227.7	228.1	228.1	229.1	229.6
55°	241.8	234.3	226.2	222.0	217.7	216.8	215.9	217.3	218.2	218.2	218.2
57.5°	226.2	219.2	211.6	208.8	205.0	205.0	204.5	206.4	207.8	208.8	209.7
60°	212.6	204.5	196.5	194.1	192.7	192.2	191.8	194.1	196.0	197.9	199.8
62.5°	199.8	191.3	182.8	180.0	179.5	180.0	180.0	182.3	184.2	186.1	188.0
65°	185.6	177.1	168.2	165.3	166.3	167.7	169.1	171.0	172.4	174.3	176.2
67.5°	170.0	163.0	155.4	152.6	153.0	154.9	156.8	158.2	159.2	161.1	163.0
70°	153.0	146.9	140.8	138.9	138.4	140.8	142.6	143.6	144.5	146.9	148.8
72.5°	134.6	129.4	124.2	122.8	123.3	124.7	126.1	127.5	128.5	130.8	132.7
75°	115.7	111.0	106.3	105.3	106.3	107.7	109.1	110.1	111.0	113.8	116.2
77.5°	97.3	92.1	86.4	86.0	87.4	88.8	89.7	91.2	92.6	96.4	100.1
80°	77.9	72.3	66.1	65.7	67.1	68.5	69.9	71.3	72.7	77.5	81.7
82.5°	57.2	50.5	43.9	43.0	47.7	49.1	50.5	52.9	54.8	59.0	63.3
85°	34.5	27.9	21.3	20.8	25.0	27.4	29.8	32.6	35.0	38.7	42.5
87.5°	3.8	1.9	0.0	0.0	0.5	2.4	4.3	6.6	9.0	12.8	16.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386811
 CATALOG NUMBER: GWC-SA2C-730-U-SLL

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: P386811

CATALOG NUMBER: GWC-SA2C-730-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2
2.5°	3025.8	3004.5	3026.2	3047.5	3056.5	3065.5	3042.3	3018.7	3055.5	3091.9	3101.3
5°	2478.8	2459.4	2474.1	2488.3	2456.6	2425.0	2421.7	2417.9	2445.3	2472.7	2476.9
7.5°	1921.5	1915.3	1929.0	1942.7	1902.6	1861.9	1842.1	1822.3	1828.9	1835.5	1834.5
10°	1432.6	1436.4	1453.4	1469.9	1438.7	1407.6	1393.9	1380.2	1395.3	1409.9	1423.6
12.5°	1073.1	1081.2	1099.1	1116.6	1103.8	1090.6	1092.0	1093.5	1110.9	1127.9	1143.0
15°	833.7	843.1	855.9	868.2	868.6	868.6	880.9	892.7	891.3	889.9	900.3
17.5°	690.1	702.4	703.8	705.2	705.7	706.1	705.2	704.3	697.2	690.1	698.1
20°	590.9	595.1	598.9	602.2	598.0	593.3	581.4	569.6	564.9	560.2	567.7
22.5°	537.5	545.1	541.3	537.0	528.5	519.6	510.6	501.1	500.7	499.7	504.0
25°	492.6	498.8	492.2	485.6	479.4	473.3	467.1	461.0	460.5	460.1	461.9
27.5°	455.3	461.0	454.9	448.7	443.5	438.3	433.6	428.9	427.9	427.0	427.5
30°	423.2	428.4	423.2	417.5	413.8	409.5	406.2	402.9	402.4	402.0	402.0
32.5°	394.4	399.6	395.8	392.0	388.7	385.4	383.1	380.7	378.3	376.0	370.8
35°	369.4	374.6	372.2	369.4	365.6	361.8	357.6	352.8	346.7	340.1	337.2
37.5°	348.1	353.3	350.9	348.6	343.4	338.2	330.6	322.6	320.7	318.4	317.9
40°	331.1	339.1	334.4	329.2	321.2	313.2	309.4	305.6	304.7	303.7	302.8
42.5°	312.2	324.5	316.0	307.5	299.9	292.4	291.4	290.5	290.0	289.5	289.5
45°	288.6	301.8	293.3	284.3	280.1	275.8	275.8	275.8	276.3	276.3	277.3
47.5°	266.4	274.4	270.2	265.9	263.6	261.2	261.7	262.1	263.6	264.5	266.9
50°	247.5	250.3	251.3	251.8	250.3	248.9	249.9	250.3	251.8	252.7	254.6
52.5°	233.8	238.1	238.1	237.6	237.6	237.6	238.5	239.5	240.9	242.3	244.2
55°	224.8	231.0	229.1	227.2	227.7	227.7	228.6	229.6	231.0	231.9	234.8
57.5°	216.3	222.9	221.1	219.2	219.2	219.2	219.6	220.1	221.5	222.5	224.4
60°	206.4	213.0	211.1	208.8	209.2	209.7	210.2	210.2	211.1	211.6	211.6
62.5°	194.6	201.2	199.3	197.0	198.4	199.3	199.3	199.3	200.3	200.7	199.3
65°	182.3	188.5	186.6	184.7	186.6	188.0	188.9	189.4	188.9	188.5	187.0
67.5°	169.1	175.2	173.3	171.0	173.3	175.2	177.1	178.5	177.1	175.7	173.8
70°	154.9	161.1	158.7	156.3	158.7	161.1	163.0	164.8	163.0	161.1	160.6
72.5°	139.8	146.9	144.1	141.2	144.1	146.9	147.8	148.8	147.4	146.0	145.0
75°	123.3	130.4	128.0	125.2	127.5	129.9	130.4	130.8	130.8	130.4	127.5
77.5°	105.8	111.5	110.1	108.6	110.1	111.5	111.5	111.5	111.9	111.9	108.2
80°	85.0	88.3	88.8	89.3	89.7	90.2	89.7	89.3	88.3	87.4	85.0
82.5°	63.3	63.3	67.1	70.4	70.4	69.9	69.4	68.5	66.6	64.2	59.0
85°	40.1	37.8	43.9	49.6	49.6	49.1	48.2	46.8	43.0	38.7	34.5
87.5°	13.7	11.3	17.5	23.6	24.1	24.1	23.1	22.2	18.4	14.2	10.9
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: P386811
 CATALOG NUMBER: GWC-SA2C-730-U-SLL

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: P386811

CATALOG NUMBER: GWC-SA2C-730-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2
2.5°	3115.5	3121.7	3127.3	3173.6	3219.4	3273.3	3327.1	3368.2	3408.8	3450.9	3492.9
5°	2491.6	2499.1	2506.7	2562.9	2618.6	2693.7	2768.8	2833.5	2898.2	2974.3	3050.3
7.5°	1846.8	1863.4	1879.4	1939.4	1998.9	2079.7	2160.0	2244.5	2328.6	2427.8	2527.0
10°	1450.5	1481.7	1512.4	1573.8	1635.2	1715.0	1794.4	1882.7	1971.1	2068.8	2166.1
12.5°	1174.2	1215.8	1256.9	1330.6	1404.3	1499.7	1594.6	1692.8	1790.6	1876.6	1962.6
15°	927.7	973.0	1017.9	1095.8	1173.8	1278.6	1383.0	1490.2	1597.0	1699.9	1802.9
17.5°	723.6	760.9	797.8	863.9	929.6	1031.1	1132.7	1245.1	1357.5	1483.1	1608.3
20°	583.8	599.4	615.0	662.7	709.9	792.6	874.8	989.5	1104.3	1254.5	1404.7
22.5°	511.5	519.6	527.1	550.3	572.9	626.3	679.2	780.8	881.8	1045.7	1209.2
25°	468.1	474.2	480.4	495.5	510.6	536.1	561.6	632.9	704.3	865.3	1025.9
27.5°	428.9	438.3	447.3	454.4	461.0	478.5	495.5	542.2	589.0	739.2	888.9
30°	400.5	403.8	407.2	418.0	428.4	446.4	464.3	496.9	529.5	656.5	783.1
32.5°	367.5	372.2	376.9	388.3	399.6	416.1	432.7	459.1	485.1	593.7	701.9
35°	337.7	342.4	347.2	358.5	369.4	387.3	404.8	427.0	448.7	543.2	637.7
37.5°	319.3	324.0	328.7	338.7	348.1	366.1	383.5	401.0	418.0	505.4	592.8
40°	303.7	308.4	313.2	322.6	331.6	349.1	366.1	380.7	395.3	477.1	558.8
42.5°	290.0	295.2	300.4	309.9	318.8	334.4	350.0	369.4	388.3	452.5	516.3
45°	278.7	283.9	288.6	299.0	309.4	324.5	339.6	366.5	393.5	439.7	486.0
47.5°	268.3	274.0	279.1	290.5	301.8	320.7	339.1	361.8	384.0	429.8	475.6
50°	258.4	265.0	271.6	285.3	298.5	330.2	361.3	364.6	367.5	421.8	475.6
52.5°	248.9	256.5	264.0	281.0	297.6	334.4	371.3	359.4	347.2	406.7	466.2
55°	239.5	246.1	252.2	273.0	293.8	320.7	347.6	332.1	316.0	378.3	440.7
57.5°	226.7	233.8	240.4	262.6	284.8	303.7	322.1	308.0	293.3	346.2	398.7
60°	213.5	221.5	229.6	257.9	285.8	282.5	278.7	275.8	272.5	310.3	348.1
62.5°	201.7	210.2	218.7	255.5	292.4	269.7	247.0	249.4	251.3	279.1	307.0
65°	189.9	198.4	206.4	224.8	243.3	234.3	225.3	229.1	232.4	259.8	287.2
67.5°	176.7	184.2	191.3	197.4	203.6	204.5	205.5	209.2	213.0	245.6	277.7
70°	162.0	168.2	174.3	178.5	182.3	184.2	185.6	190.4	195.1	230.5	265.9
72.5°	145.5	150.7	155.4	159.2	163.0	164.4	165.3	170.0	174.8	212.6	250.3
75°	127.5	131.8	135.6	138.9	142.2	144.1	146.0	149.3	152.6	193.7	234.3
77.5°	107.7	111.9	115.7	118.6	120.9	122.8	124.2	128.5	132.7	167.2	201.2
80°	84.1	89.3	94.0	96.4	98.2	98.7	98.7	102.5	106.3	130.8	154.9
82.5°	59.5	65.2	70.4	72.3	74.2	74.2	74.2	78.4	82.7	99.2	115.2
85°	35.0	41.1	46.8	48.7	50.5	51.5	52.0	53.8	55.3	67.1	78.4
87.5°	10.9	16.1	20.8	21.7	22.7	24.6	26.5	26.9	26.9	35.0	43.0
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: P386811
 CATALOG NUMBER: GWC-SA2C-730-U-SLL

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: P386811
 CATALOG NUMBER: GWC-SA2C-730-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2	3599.2
2.5°	3541.1	3589.3	3645.5	3701.2	3748.9	3796.6	3836.3
5°	3147.2	3244.0	3362.6	3480.6	3586.0	3691.3	3813.6
7.5°	2652.2	2777.3	2930.8	3084.3	3233.1	3381.4	3569.4
10°	2293.7	2420.7	2583.2	2745.2	2912.4	3079.1	3291.7
12.5°	2066.0	2169.0	2326.2	2483.5	2680.0	2876.0	3080.6
15°	1915.8	2028.2	2181.2	2334.3	2549.2	2764.1	2999.3
17.5°	1755.7	1902.6	2098.6	2294.6	2549.2	2803.3	3080.6
20°	1588.0	1770.8	2024.9	2279.0	2621.9	2964.4	3318.2
22.5°	1420.8	1632.4	1958.3	2283.7	2732.0	3179.8	3657.3
25°	1270.1	1514.3	1917.7	2320.6	2892.1	3463.2	4055.5
27.5°	1155.8	1422.2	1901.1	2379.6	3095.2	3810.8	4488.6
30°	1054.3	1325.4	1881.3	2437.2	3290.8	4143.8	4827.3
32.5°	966.4	1230.9	1843.1	2454.7	3427.3	4399.8	5114.0
35°	897.4	1157.2	1778.8	2400.4	3512.8	4625.1	5412.5
37.5°	837.9	1083.1	1705.6	2328.1	3588.8	4849.5	5748.3
40°	781.2	1003.7	1642.8	2281.4	3693.7	5105.9	6103.0
42.5°	727.4	938.5	1592.2	2246.0	3791.0	5335.5	6413.4
45°	687.2	888.5	1547.4	2205.8	3853.8	5501.8	6647.2
47.5°	667.4	858.7	1523.3	2187.4	3916.6	5645.3	6841.3
50°	664.6	853.5	1550.7	2247.8	4052.6	5857.0	7063.3
52.5°	664.1	862.0	1629.6	2397.1	4305.3	6213.1	7303.7
55°	654.2	867.2	1723.5	2579.4	4644.5	6709.0	7735.9
57.5°	624.0	849.3	1820.4	2791.0	5003.0	7214.4	8222.9
60°	577.2	805.8	1900.2	2994.1	5243.9	7493.1	8410.4
62.5°	518.6	729.8	1926.7	3123.1	5237.2	7351.4	8221.5
65°	468.6	649.9	1839.7	3029.1	4972.3	6915.0	7847.8
67.5°	424.2	570.1	1622.5	2674.4	4495.7	6316.5	7372.7
70°	392.0	517.7	1342.4	2167.1	3899.1	5630.7	6822.4
72.5°	371.7	492.6	1094.4	1695.7	3164.2	4632.2	5835.7
75°	343.9	453.4	858.7	1263.5	2421.7	3579.8	4407.8
77.5°	291.9	382.1	647.1	912.1	1776.9	2641.3	3065.5
80°	225.3	295.2	444.9	594.7	1222.9	1851.1	2090.1
82.5°	160.6	205.9	269.7	333.5	812.4	1290.9	1310.7
85°	99.2	120.0	154.5	188.9	537.5	886.1	738.3
87.5°	53.4	63.8	81.7	99.2	171.9	244.7	140.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386811
CATALOG NUMBER: GWC-SA2C-730-U-SLL

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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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



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Scaled Data Report



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

Scaled Data Report





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110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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	0.0
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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Signify Classified - Internal
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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
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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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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