

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: P386671

Luminaire Tested: **GWC-SA2B-760-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P386671
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-SA2B-760-U-SLL
Description: GALLEON WALL LUMINAIRE
(2) 70 CRI, 5700K, 800mA 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: 10482 lumens
Efficiency: N/A
Efficacy: 121.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G3

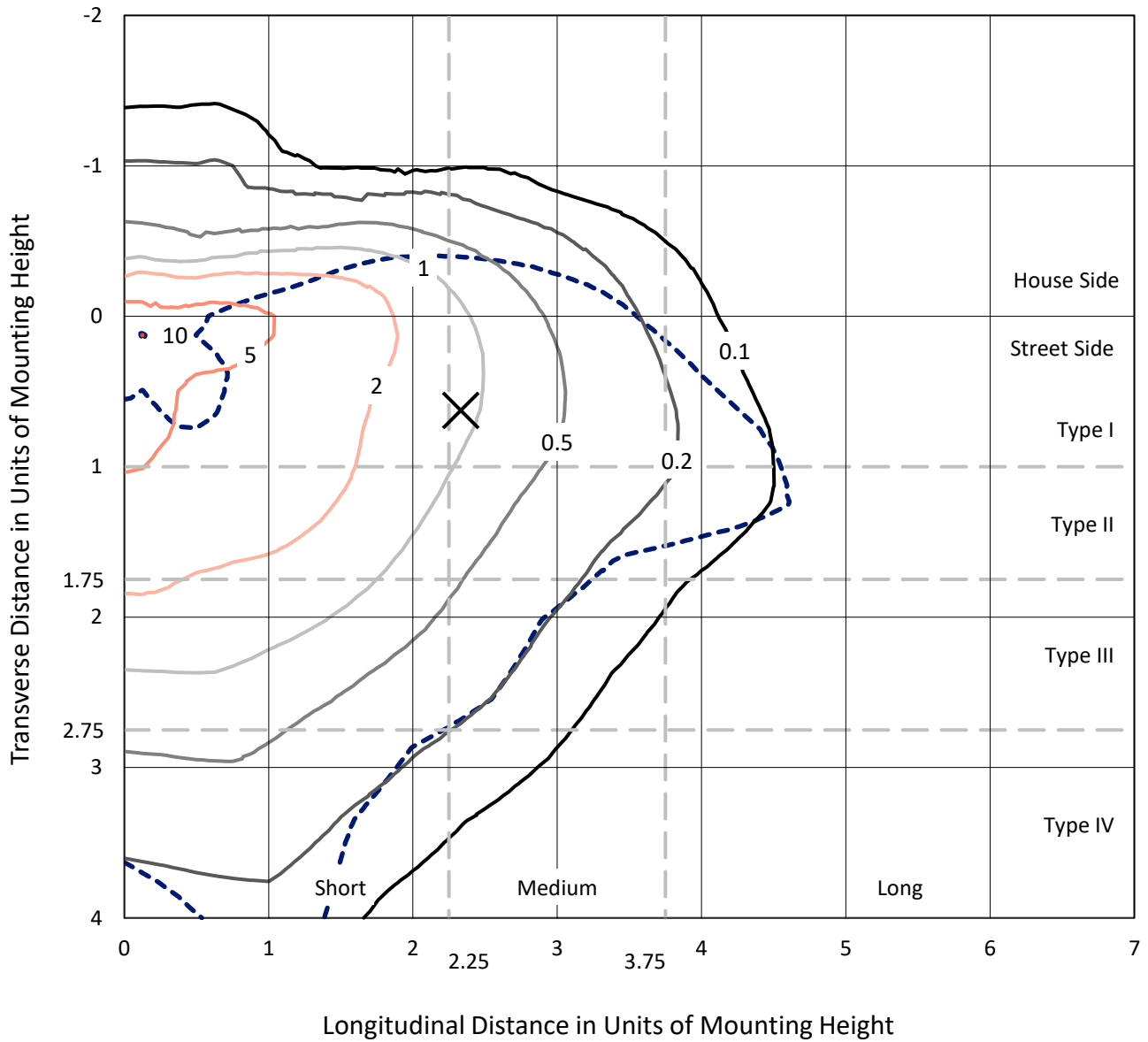
Input Watts (W): 86
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

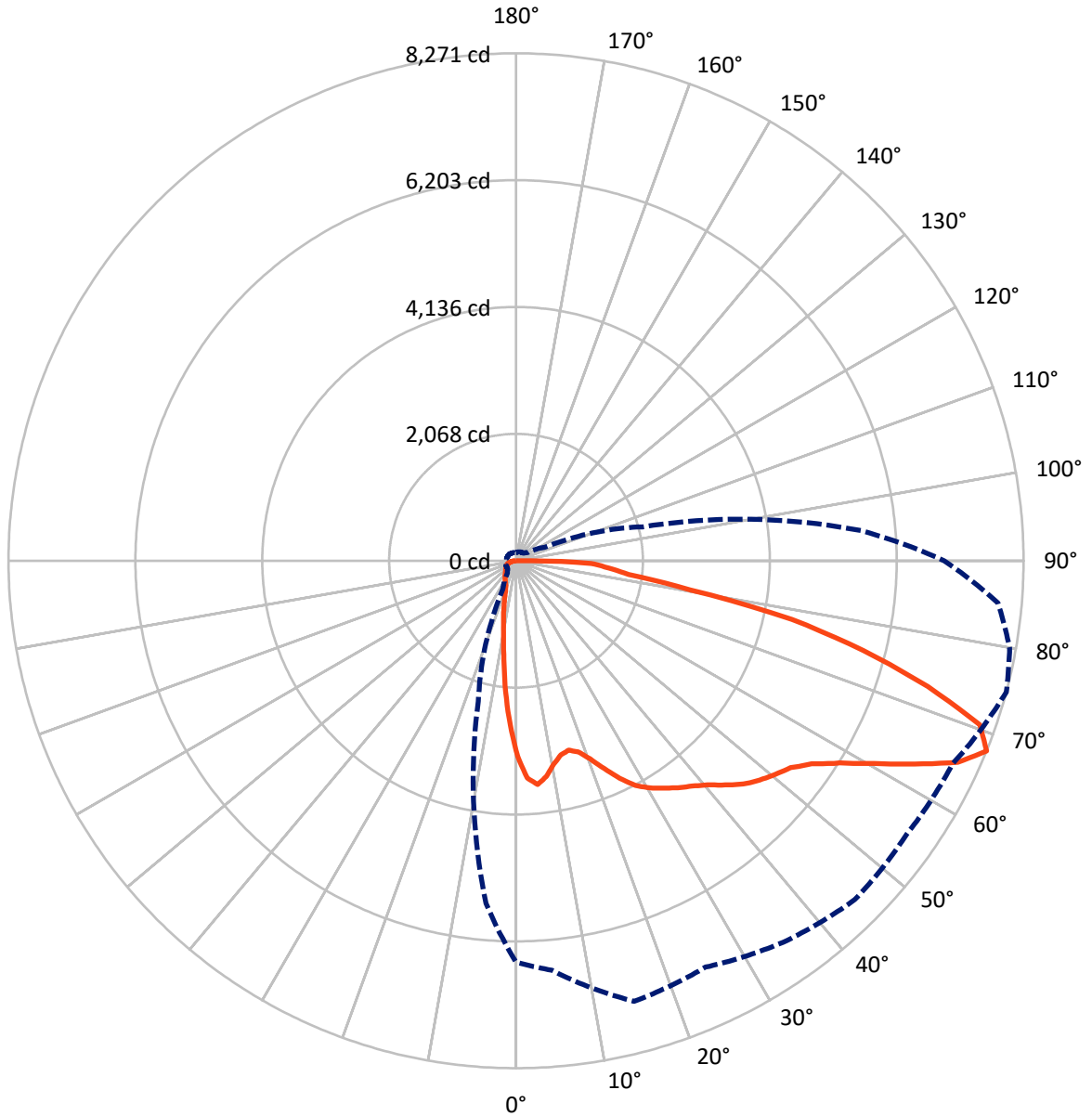
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 10 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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

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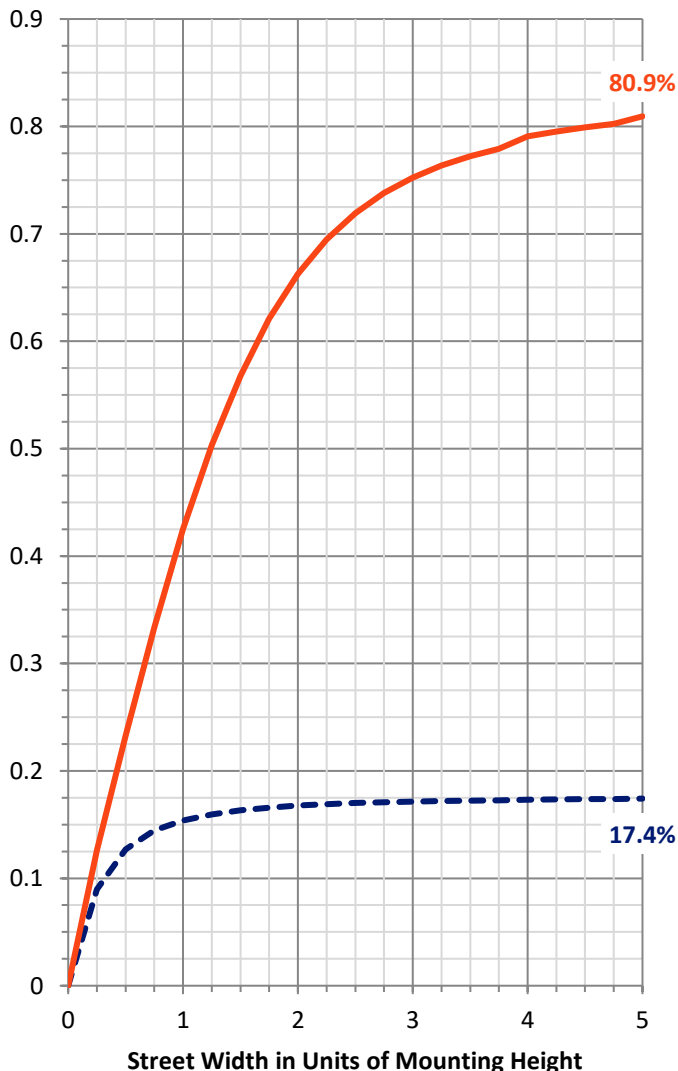
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1846.1	0.0	1846.1
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	8635.9	0.0	8635.9
	% Fixture	82.4	0.0	82.4
Total	Lumens	10482.0	0.0	10482.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	246.5	2.4
10°-20°	512.0	4.9
20°-30°	728.2	6.9
30°-40°	1049.3	10.0
40°-50°	1478.7	14.1
50°-60°	2055.7	19.6
60°-70°	2486.0	23.7
70°-80°	1528.1	14.6
80°-90°	397.6	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°	10482.0	100.0
0°-180°	10482.0	100.0

Coefficient of Utilization



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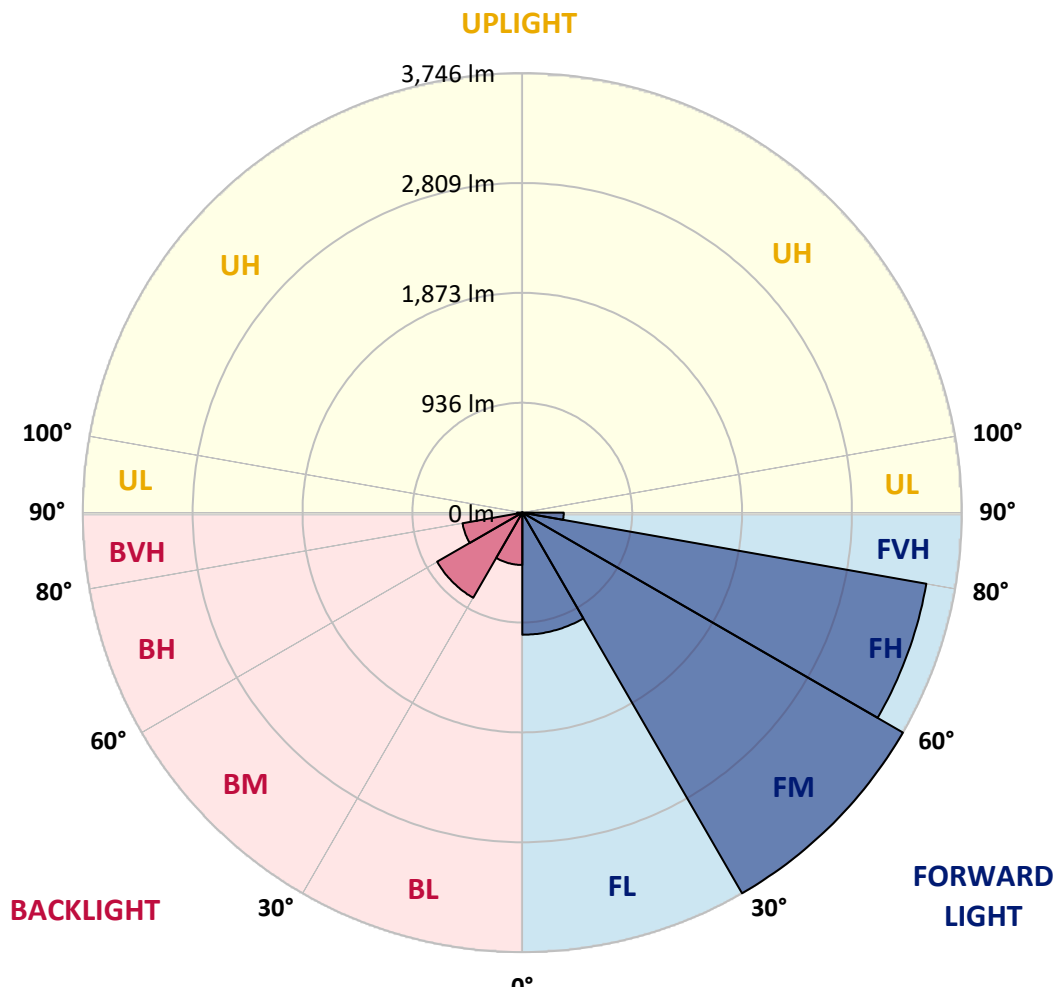
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1040.8	9.9			
FM (30°-60°)	3745.7	35.7			
FH (60°-80°)	3496.4	33.4			G2/5000
FVH (80°-90°)	353.0	3.4			G3/500
BL (0°-30°)	445.9	4.3	B1/500		
BM (30°-60°)	838.0	8.0	B1/1000		
BH (60°-80°)	517.6	4.9	B2/1000		G2/1000
BVH (80°-90°)	44.7	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4
2.5°	3403.8	3448.6	3479.6	3510.2	3534.1	3557.6	3591.9	3626.3	3633.0	3639.3	3625.9
5°	3383.7	3493.0	3586.1	3678.7	3764.6	3850.5	3902.1	3953.6	3964.1	3974.6	3942.3
7.5°	3167.0	3328.3	3489.7	3651.0	3799.0	3946.9	4037.0	4126.7	4147.2	4167.3	4114.5
10°	2920.6	3108.3	3306.5	3504.8	3699.6	3894.5	4024.8	4155.2	4181.2	4207.1	4141.3
12.5°	2733.2	2938.2	3149.8	3361.4	3567.2	3772.6	3907.5	4042.4	4074.7	4107.0	4059.2
15°	2661.2	2885.8	3084.8	3283.9	3463.3	3642.2	3752.9	3863.1	3876.5	3889.5	3881.9
17.5°	2733.2	2980.9	3161.1	3340.9	3438.6	3535.8	3580.2	3624.2	3638.9	3653.1	3672.4
20°	2944.0	3211.4	3338.4	3465.0	3460.8	3456.2	3434.8	3413.0	3409.2	3405.4	3459.9
22.5°	3244.9	3555.5	3606.2	3656.5	3538.7	3421.0	3349.3	3277.2	3263.0	3248.3	3306.1
25°	3598.2	3928.9	3919.7	3910.0	3685.8	3461.2	3324.6	3187.9	3172.0	3156.1	3205.5
27.5°	3982.5	4298.5	4238.2	4177.8	3873.1	3568.5	3370.2	3172.0	3156.1	3140.2	3183.8
30°	4283.0	4569.6	4472.8	4376.0	4031.1	3686.2	3450.7	3215.2	3189.2	3162.8	3216.4
32.5°	4537.4	4781.3	4651.4	4521.5	4159.4	3797.3	3542.5	3287.7	3247.0	3206.4	3278.0
35°	4802.2	4992.5	4809.8	4626.6	4273.8	3920.5	3651.0	3381.1	3331.3	3281.4	3379.9
37.5°	5100.2	5258.2	4995.9	4733.1	4402.4	4071.8	3813.6	3555.1	3503.9	3452.8	3578.5
40°	5414.9	5546.5	5196.6	4846.7	4543.2	4239.8	4038.7	3837.1	3788.5	3739.5	3892.0
42.5°	5690.3	5786.2	5383.5	4980.8	4713.0	4444.8	4303.1	4161.0	4160.6	4159.8	4314.4
45°	5897.7	5981.1	5539.4	5097.3	4878.5	4659.3	4585.6	4511.8	4570.9	4630.0	4770.0
47.5°	6070.0	6126.5	5670.2	5213.4	5067.9	4922.5	4933.4	4944.3	5064.6	5184.9	5275.0
50°	6266.9	6221.2	5788.8	5355.8	5311.0	5266.2	5364.2	5461.9	5600.2	5738.0	5799.2
52.5°	6480.2	6359.1	5949.7	5539.8	5590.1	5640.4	5839.9	6039.4	6178.9	6318.5	6341.5
55°	6863.7	6678.0	6245.6	5812.6	5909.4	6005.8	6298.8	6591.3	6700.3	6809.2	6817.6
57.5°	7295.8	7131.1	6660.0	6189.0	6292.9	6396.8	6735.0	7072.8	7190.6	7307.9	7291.6
60°	7462.1	7470.1	7053.5	6636.6	6741.3	6846.1	7175.5	7504.9	7640.2	7775.2	7739.2
62.5°	7294.5	7491.1	7268.5	7045.6	7140.7	7235.4	7558.1	7880.8	8019.5	8158.2	8095.4
65°	6963.0	7157.9	7257.6	7357.4	7388.8	7420.2	7721.6	8022.5	8128.9	8234.9	8203.1
67.5°	6541.4	6699.0	7066.9	7434.5	7371.2	7307.9	7449.1	7590.4	7699.8	7809.1	7791.1
70°	6053.2	6240.9	6731.7	7222.4	6911.5	6600.1	6541.8	6483.6	6601.8	6719.5	6646.6
72.5°	5177.7	5461.0	5984.5	6507.5	5934.6	5361.7	5162.6	4963.6	5113.2	5262.8	5146.7
75°	3910.9	4286.8	4865.1	5443.0	4759.5	4076.0	3810.3	3544.6	3673.2	3801.9	3722.3
77.5°	2719.8	3191.3	3760.8	4330.4	3635.5	2940.3	2742.9	2545.1	2583.6	2621.8	2608.4
80°	1854.4	2164.5	2561.8	2958.7	2496.0	2033.4	2048.9	2064.0	2045.9	2027.5	2054.3
82.5°	1162.9	1381.3	1688.1	1994.4	1748.8	1503.2	1644.1	1784.9	1715.7	1646.1	1672.1
85°	655.0	788.3	1088.4	1388.0	1293.7	1199.0	1281.5	1363.7	1256.4	1149.1	1196.5
87.5°	124.9	207.9	602.2	996.2	904.4	812.6	706.1	599.7	457.6	315.6	461.0
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



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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°	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4
2.5°	3612.5	3605.3	3598.2	3572.7	3546.7	3508.1	3476.3	3421.0	3390.8	3345.1	3299.4
5°	3909.6	3864.3	3819.1	3741.1	3662.8	3575.6	3475.4	3364.4	3280.6	3171.6	3062.6
7.5°	4061.7	3956.1	3850.1	3700.5	3550.4	3415.5	3257.1	3109.6	2983.9	2842.2	2700.6
10°	4075.6	3917.1	3758.3	3563.9	3369.0	3205.1	3022.8	2859.0	2708.1	2545.5	2382.5
12.5°	4011.0	3842.5	3673.7	3459.5	3244.9	3058.9	2862.7	2679.2	2512.0	2333.0	2153.7
15°	3874.4	3739.9	3604.9	3404.2	3203.4	3015.7	2825.4	2607.9	2418.9	2235.8	2052.2
17.5°	3691.3	3627.6	3563.4	3418.4	3273.0	3110.4	2926.0	2670.8	2449.5	2250.5	2051.4
20°	3514.0	3537.5	3560.5	3502.7	3444.8	3314.5	3153.6	2866.9	2584.5	2324.2	2063.6
22.5°	3363.5	3476.3	3588.6	3633.4	3677.8	3599.5	3473.8	3142.3	2768.4	2428.6	2088.7
25°	3254.6	3441.5	3628.4	3777.6	3926.4	3891.6	3794.8	3476.7	3012.3	2579.0	2145.3
27.5°	3227.3	3456.6	3685.8	3917.1	4148.1	4180.3	4153.5	3829.1	3303.2	2765.9	2228.2
30°	3270.1	3502.3	3734.0	4015.6	4296.8	4425.5	4461.5	4122.9	3635.5	2983.9	2331.8
32.5°	3349.7	3577.3	3804.8	4111.6	4417.9	4612.4	4727.2	4391.5	3867.3	3148.1	2428.6
35°	3478.4	3691.3	3904.2	4223.5	4542.8	4794.3	5003.8	4669.0	4073.0	3263.0	2452.5
37.5°	3703.8	3887.0	4070.1	4365.1	4659.8	4985.8	5300.5	4974.5	4295.6	3373.6	2451.2
40°	4044.5	4174.0	4303.1	4552.5	4801.4	5211.7	5636.6	5315.2	4541.6	3493.5	2445.3
42.5°	4469.1	4535.7	4601.9	4799.3	4996.7	5447.6	5941.7	5648.4	4776.3	3604.9	2433.6
45°	4909.5	4927.1	4944.7	5069.2	5193.2	5634.5	6149.6	5898.6	4981.2	3701.7	2421.9
47.5°	5364.6	5304.3	5243.9	5293.4	5342.9	5777.9	6297.9	6088.4	5187.0	3809.0	2430.7
50°	5860.4	5692.4	5524.3	5498.3	5472.3	5921.2	6472.7	6329.8	5434.2	3965.3	2496.5
52.5°	6364.2	6087.1	5810.1	5707.5	5604.4	6092.2	6704.4	6630.3	5787.1	4207.6	2627.6
55°	6826.0	6473.5	6121.1	5982.8	5844.5	6353.7	6987.3	7071.6	6239.3	4517.3	2794.8
57.5°	7274.8	6875.4	6476.0	6347.8	6219.6	6738.0	7345.6	7467.6	6696.1	4814.4	2932.3
60°	7703.1	7307.9	6912.3	6809.6	6706.5	7215.7	7732.9	7644.0	6931.6	4953.5	2975.0
62.5°	8032.5	7718.2	7403.9	7349.8	7295.3	7698.9	8030.4	7575.3	6782.0	4816.5	2851.0
65°	8171.2	7992.3	7812.9	7863.6	7913.9	8064.4	8104.6	7374.1	6311.8	4432.6	2553.5
67.5°	7772.7	7809.1	7845.6	8058.5	8271.0	8167.5	7884.2	6977.7	5642.5	3888.6	2134.8
70°	6573.3	6792.0	7010.4	7514.1	8017.4	7787.8	7293.7	6266.1	4837.0	3262.1	1686.8
72.5°	5030.2	5276.2	5521.8	6269.4	7016.7	6805.0	6199.9	5146.7	3878.2	2605.0	1331.4
75°	3642.2	3920.1	4197.5	5022.3	5847.0	5553.2	4637.5	3685.0	2945.7	1988.5	1030.9
77.5°	2594.5	2780.6	2966.7	3781.4	4595.6	4117.0	3086.9	2479.7	2038.8	1382.1	725.0
80°	2081.2	2024.2	1967.2	2421.0	2874.9	2795.3	2041.8	1592.5	1411.0	926.2	441.3
82.5°	1697.7	1558.6	1419.4	1633.2	1846.9	1835.2	1416.9	1168.4	1050.2	643.7	237.2
85°	1243.4	1187.7	1131.9	1320.9	1509.9	1348.6	959.7	742.6	818.9	474.0	129.1
87.5°	606.4	692.7	778.7	1001.6	1224.1	919.0	291.3	144.2	199.5	131.2	62.4
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: P386671
 CATALOG NUMBER: GWC-SA2B-760-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: P386671

CATALOG NUMBER: GWC-SA2B-760-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4
2.5°	3265.5	3231.1	3192.1	3153.2	3108.7	3063.9	3037.5	3010.7	2981.8	2952.8	2920.2
5°	2990.6	2918.5	2836.8	2755.0	2674.2	2593.3	2549.7	2506.1	2460.0	2413.5	2373.3
7.5°	2595.8	2490.6	2377.4	2263.9	2163.3	2062.3	1999.9	1937.0	1880.0	1822.6	1774.4
10°	2248.4	2114.3	2000.7	1886.7	1810.8	1735.0	1677.6	1620.2	1564.8	1509.1	1455.9
12.5°	2019.5	1885.4	1813.4	1741.3	1678.4	1615.6	1549.3	1482.7	1406.9	1330.6	1274.8
15°	1930.3	1808.3	1728.3	1647.8	1563.6	1478.9	1397.6	1316.3	1226.6	1137.0	1073.7
17.5°	1891.7	1732.1	1620.2	1507.9	1396.8	1285.7	1191.4	1097.2	999.1	901.0	836.9
20°	1851.1	1638.6	1488.6	1338.1	1195.6	1053.1	946.3	839.4	751.8	664.2	615.2
22.5°	1814.2	1539.3	1351.1	1162.5	994.1	825.6	720.8	615.6	562.0	508.3	488.6
25°	1799.1	1452.5	1221.2	989.9	812.2	634.1	559.5	484.9	464.3	443.4	433.3
27.5°	1801.6	1375.0	1111.8	848.2	688.1	528.0	476.9	425.8	413.2	400.2	393.9
30°	1811.3	1290.8	1008.7	726.7	594.7	462.7	429.6	396.0	382.6	369.2	361.2
32.5°	1822.2	1215.3	929.1	642.4	534.7	426.6	399.4	371.7	358.7	345.7	337.8
35°	1803.3	1153.7	874.6	595.5	496.2	396.4	373.4	349.9	335.7	321.4	313.9
37.5°	1771.5	1091.7	832.3	572.5	471.0	369.2	352.4	335.3	320.6	305.5	298.4
40°	1742.5	1039.3	800.9	562.0	457.2	352.0	337.8	323.5	308.4	292.9	284.6
42.5°	1719.1	1004.1	769.9	535.6	444.6	353.3	333.2	312.6	298.0	283.3	274.1
45°	1701.5	981.1	745.5	510.0	432.9	355.8	330.2	304.7	290.0	274.9	264.0
47.5°	1699.8	968.9	728.4	487.8	410.7	333.2	322.7	312.2	290.8	269.0	256.5
50°	1722.8	949.2	708.2	466.9	389.3	311.8	326.0	339.9	303.4	266.5	250.6
52.5°	1771.0	914.4	676.4	438.4	363.3	287.9	310.1	331.9	300.5	268.6	248.1
55°	1829.3	863.3	628.2	392.7	329.0	264.9	284.6	303.8	284.1	264.0	239.3
57.5°	1865.7	798.8	567.4	336.1	290.4	244.7	256.1	267.0	259.0	251.0	225.9
60°	1844.0	712.9	499.1	285.0	256.5	228.0	225.9	223.4	235.1	246.8	217.9
62.5°	1737.5	624.0	438.8	253.5	232.2	210.4	205.8	200.7	220.0	238.9	208.3
65°	1557.7	562.0	400.6	239.3	215.4	191.5	186.5	181.5	187.3	193.2	178.9
67.5°	1329.3	523.9	378.8	233.8	204.9	175.6	169.7	163.9	162.6	161.3	156.3
70°	1093.8	500.4	364.6	228.8	193.6	158.0	152.5	147.1	145.4	143.3	139.6
72.5°	914.4	497.4	362.9	228.4	184.4	140.4	135.4	130.3	128.2	125.7	122.8
75°	748.9	466.9	344.5	222.1	171.8	121.1	116.5	111.9	110.2	108.1	105.6
77.5°	555.7	386.4	289.6	192.8	147.1	101.4	96.8	91.8	91.4	90.5	88.4
80°	360.4	279.5	207.0	134.5	107.3	79.6	75.9	71.7	72.1	72.5	70.8
82.5°	200.3	163.0	126.6	90.1	73.3	56.6	54.9	52.8	54.1	54.9	52.8
85°	105.6	82.1	67.9	53.6	42.3	31.0	31.0	30.6	32.3	33.9	32.3
87.5°	45.7	28.9	24.7	20.1	11.3	2.1	2.5	2.5	3.4	4.2	3.8
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: P386671
 CATALOG NUMBER: GWC-SA2B-760-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: P386671

CATALOG NUMBER: GWC-SA2B-760-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4
2.5°	2887.0	2856.5	2825.4	2791.5	2797.8	2771.8	2745.8	2729.5	2713.1	2708.1	2703.1
5°	2333.0	2298.2	2263.0	2231.6	2258.8	2240.4	2222.0	2219.4	2216.5	2216.5	2216.1
7.5°	1726.2	1688.9	1651.2	1625.2	1652.0	1648.7	1645.3	1663.3	1681.3	1696.0	1710.3
10°	1402.7	1357.4	1311.7	1273.2	1266.5	1247.2	1227.5	1231.7	1235.4	1251.4	1267.3
12.5°	1219.1	1165.0	1111.0	1065.7	1045.2	1013.3	981.1	961.0	940.8	942.9	944.6
15°	1010.0	957.6	904.8	865.8	852.8	828.1	803.4	778.2	752.7	742.2	731.3
17.5°	772.4	730.5	688.1	662.1	662.1	655.0	647.9	635.3	622.3	611.9	601.0
20°	566.2	544.0	521.3	510.4	513.8	514.2	514.2	520.5	526.8	523.4	520.1
22.5°	468.5	460.6	452.6	448.0	449.7	450.1	450.5	456.4	461.8	466.0	469.8
25°	422.9	417.8	412.8	411.1	414.9	415.3	415.3	419.1	422.9	427.0	431.2
27.5°	387.2	385.1	383.0	380.1	383.9	383.9	383.5	387.6	391.4	395.2	398.5
30°	353.3	354.1	354.5	353.7	356.2	357.9	359.2	362.1	364.6	367.5	370.5
32.5°	329.4	328.1	326.9	326.0	331.5	334.4	337.4	340.3	342.8	344.1	345.3
35°	306.3	303.4	300.5	298.4	303.4	307.2	311.0	316.4	321.4	322.3	323.1
37.5°	290.8	287.1	283.3	280.8	282.9	284.6	286.2	292.1	298.0	301.3	304.3
40°	276.2	272.4	268.6	266.5	267.8	268.2	268.6	271.6	274.1	280.4	286.2
42.5°	264.4	259.8	255.2	252.7	253.5	254.4	254.8	254.4	254.0	259.8	265.7
45°	252.7	247.7	242.6	239.7	240.1	240.1	240.1	239.3	238.0	241.0	243.9
47.5°	243.5	237.6	231.8	228.8	228.0	227.1	226.3	225.9	225.0	227.1	228.8
50°	234.3	228.0	221.3	217.9	215.8	215.0	214.1	213.7	212.9	215.0	216.7
52.5°	227.1	219.6	212.1	206.6	204.5	203.3	202.0	202.4	202.4	203.3	203.7
55°	214.6	207.9	200.7	197.0	193.2	192.4	191.5	192.8	193.6	193.6	193.6
57.5°	200.7	194.5	187.7	185.2	181.9	181.9	181.5	183.1	184.4	185.2	186.1
60°	188.6	181.5	174.3	172.2	171.0	170.6	170.1	172.2	173.9	175.6	177.3
62.5°	177.3	169.7	162.2	159.7	159.3	159.7	159.7	161.8	163.4	165.1	166.8
65°	164.7	157.2	149.2	146.7	147.5	148.8	150.0	151.7	153.0	154.6	156.3
67.5°	150.9	144.6	137.9	135.4	135.8	137.5	139.1	140.4	141.2	142.9	144.6
70°	135.8	130.3	124.9	123.2	122.8	124.9	126.6	127.4	128.2	130.3	132.0
72.5°	119.4	114.8	110.2	109.0	109.4	110.6	111.9	113.2	114.0	116.1	117.8
75°	102.7	98.5	94.3	93.5	94.3	95.6	96.8	97.6	98.5	101.0	103.1
77.5°	86.3	81.7	76.7	76.3	77.5	78.8	79.6	80.9	82.1	85.5	88.8
80°	69.1	64.1	58.7	58.3	59.5	60.8	62.0	63.3	64.5	68.7	72.5
82.5°	50.7	44.8	39.0	38.1	42.3	43.6	44.8	46.9	48.6	52.4	56.2
85°	30.6	24.7	18.9	18.4	22.2	24.3	26.4	28.9	31.0	34.4	37.7
87.5°	3.4	1.7	0.0	0.0	0.4	2.1	3.8	5.9	8.0	11.3	14.2
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: P386671
 CATALOG NUMBER: GWC-SA2B-760-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: P386671

CATALOG NUMBER: GWC-SA2B-760-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4
2.5°	2684.6	2665.8	2685.0	2703.9	2711.9	2719.8	2699.3	2678.3	2711.0	2743.3	2751.7
5°	2199.3	2182.2	2195.1	2207.7	2179.6	2151.6	2148.6	2145.3	2169.6	2193.9	2197.7
7.5°	1704.8	1699.4	1711.5	1723.7	1688.1	1652.0	1634.4	1616.8	1622.7	1628.5	1627.7
10°	1271.1	1274.4	1289.5	1304.2	1276.5	1248.9	1236.7	1224.6	1238.0	1251.0	1263.1
12.5°	952.2	959.3	975.2	990.7	979.4	967.7	968.9	970.2	985.7	1000.8	1014.2
15°	739.7	748.1	759.4	770.3	770.7	770.7	781.6	792.1	790.8	789.5	798.8
17.5°	612.3	623.2	624.4	625.7	626.1	626.5	625.7	624.8	618.6	612.3	619.4
20°	524.3	528.0	531.4	534.3	530.6	526.4	515.9	505.4	501.2	497.0	503.7
22.5°	476.9	483.6	480.3	476.5	469.0	461.0	453.0	444.6	444.2	443.4	447.2
25°	437.1	442.5	436.7	430.8	425.4	419.9	414.5	409.0	408.6	408.2	409.9
27.5°	404.0	409.0	403.6	398.1	393.5	388.9	384.7	380.5	379.7	378.8	379.3
30°	375.5	380.1	375.5	370.5	367.1	363.3	360.4	357.5	357.1	356.6	356.6
32.5°	349.9	354.5	351.2	347.8	344.9	342.0	339.9	337.8	335.7	333.6	329.0
35°	327.7	332.3	330.2	327.7	324.4	321.0	317.2	313.1	307.6	301.7	299.2
37.5°	308.9	313.5	311.4	309.3	304.7	300.1	293.4	286.2	284.6	282.5	282.0
40°	293.8	300.9	296.7	292.1	285.0	277.9	274.5	271.1	270.3	269.5	268.6
42.5°	277.0	287.9	280.4	272.8	266.1	259.4	258.6	257.7	257.3	256.9	256.9
45°	256.1	267.8	260.2	252.3	248.5	244.7	244.7	244.7	245.2	245.2	246.0
47.5°	236.4	243.5	239.7	235.9	233.8	231.8	232.2	232.6	233.8	234.7	236.8
50°	219.6	222.1	223.0	223.4	222.1	220.9	221.7	222.1	223.4	224.2	225.9
52.5°	207.4	211.2	211.2	210.8	210.8	210.8	211.6	212.5	213.7	215.0	216.7
55°	199.5	204.9	203.3	201.6	202.0	202.0	202.8	203.7	204.9	205.8	208.3
57.5°	191.9	197.8	196.1	194.5	194.5	194.5	194.9	195.3	196.5	197.4	199.1
60°	183.1	189.0	187.3	185.2	185.7	186.1	186.5	186.5	187.3	187.7	187.7
62.5°	172.7	178.5	176.9	174.8	176.0	176.9	176.9	176.9	177.7	178.1	176.9
65°	161.8	167.2	165.5	163.9	165.5	166.8	167.6	168.1	167.6	167.2	166.0
67.5°	150.0	155.5	153.8	151.7	153.8	155.5	157.2	158.4	157.2	155.9	154.2
70°	137.5	142.9	140.8	138.7	140.8	142.9	144.6	146.3	144.6	142.9	142.5
72.5°	124.0	130.3	127.8	125.3	127.8	130.3	131.2	132.0	130.8	129.5	128.7
75°	109.4	115.7	113.6	111.1	113.2	115.2	115.7	116.1	116.1	115.7	113.2
77.5°	93.9	98.9	97.6	96.4	97.6	98.9	98.9	98.9	99.3	99.3	96.0
80°	75.4	78.4	78.8	79.2	79.6	80.0	79.6	79.2	78.4	77.5	75.4
82.5°	56.2	56.2	59.5	62.4	62.4	62.0	61.6	60.8	59.1	57.0	52.4
85°	35.6	33.5	39.0	44.0	44.0	43.6	42.7	41.5	38.1	34.4	30.6
87.5°	12.2	10.1	15.5	21.0	21.4	21.4	20.5	19.7	16.3	12.6	9.6
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: P386671
 CATALOG NUMBER: GWC-SA2B-760-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: P386671

CATALOG NUMBER: GWC-SA2B-760-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4
2.5°	2764.3	2769.7	2774.7	2815.8	2856.5	2904.2	2952.0	2988.5	3024.5	3061.8	3099.1
5°	2210.6	2217.4	2224.1	2273.9	2323.4	2390.0	2456.6	2514.1	2571.5	2638.9	2706.4
7.5°	1638.6	1653.3	1667.5	1720.7	1773.5	1845.2	1916.5	1991.5	2066.1	2154.1	2242.1
10°	1287.0	1314.7	1341.9	1396.4	1450.9	1521.7	1592.1	1670.5	1748.8	1835.6	1921.9
12.5°	1041.8	1078.7	1115.2	1180.5	1245.9	1330.6	1414.8	1502.0	1588.7	1665.0	1741.3
15°	823.1	863.3	903.1	972.3	1041.4	1134.4	1227.1	1322.2	1416.9	1508.3	1599.6
17.5°	642.0	675.1	707.8	766.5	824.7	914.9	1005.0	1104.7	1204.4	1315.9	1427.0
20°	518.0	531.8	545.6	588.0	629.9	703.2	776.1	878.0	979.8	1113.1	1246.3
22.5°	453.9	461.0	467.7	488.2	508.3	555.7	602.6	692.7	782.4	927.8	1072.8
25°	415.3	420.8	426.2	439.6	453.0	475.7	498.3	561.6	624.8	767.8	910.2
27.5°	380.5	388.9	396.9	403.2	409.0	424.5	439.6	481.1	522.6	655.9	788.7
30°	355.4	358.3	361.2	370.9	380.1	396.0	412.0	440.9	469.8	582.5	694.8
32.5°	326.0	330.2	334.4	344.5	354.5	369.2	383.9	407.3	430.4	526.8	622.8
35°	299.6	303.8	308.0	318.1	327.7	343.6	359.2	378.8	398.1	481.9	565.8
37.5°	283.3	287.5	291.7	300.5	308.9	324.8	340.3	355.8	370.9	448.4	525.9
40°	269.5	273.7	277.9	286.2	294.2	309.7	324.8	337.8	350.8	423.3	495.8
42.5°	257.3	261.9	266.5	274.9	282.9	296.7	310.5	327.7	344.5	401.5	458.1
45°	247.3	251.9	256.1	265.3	274.5	287.9	301.3	325.2	349.1	390.2	431.2
47.5°	238.0	243.1	247.7	257.7	267.8	284.6	300.9	321.0	340.7	381.4	422.0
50°	229.2	235.1	241.0	253.1	264.9	292.9	320.6	323.5	326.0	374.2	422.0
52.5°	220.9	227.6	234.3	249.4	264.0	296.7	329.4	318.9	308.0	360.8	413.6
55°	212.5	218.3	223.8	242.2	260.7	284.6	308.4	294.6	280.4	335.7	391.0
57.5°	201.2	207.4	213.3	233.0	252.7	269.5	285.8	273.2	260.2	307.2	353.7
60°	189.4	196.5	203.7	228.8	253.5	250.6	247.3	244.7	241.8	275.3	308.9
62.5°	178.9	186.5	194.0	226.7	259.4	239.3	219.2	221.3	223.0	247.7	272.4
65°	168.5	176.0	183.1	199.5	215.8	207.9	199.9	203.3	206.2	230.5	254.8
67.5°	156.7	163.4	169.7	175.2	180.6	181.5	182.3	185.7	189.0	217.9	246.4
70°	143.7	149.2	154.6	158.4	161.8	163.4	164.7	168.9	173.1	204.5	235.9
72.5°	129.1	133.7	137.9	141.2	144.6	145.8	146.7	150.9	155.1	188.6	222.1
75°	113.2	116.9	120.3	123.2	126.1	127.8	129.5	132.4	135.4	171.8	207.9
77.5°	95.6	99.3	102.7	105.2	107.3	109.0	110.2	114.0	117.8	148.4	178.5
80°	74.6	79.2	83.4	85.5	87.2	87.6	87.6	90.9	94.3	116.1	137.5
82.5°	52.8	57.8	62.4	64.1	65.8	65.8	65.8	69.6	73.3	88.0	102.3
85°	31.0	36.5	41.5	43.2	44.8	45.7	46.1	47.8	49.0	59.5	69.6
87.5°	9.6	14.2	18.4	19.3	20.1	21.8	23.5	23.9	23.9	31.0	38.1
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: P386671

CATALOG NUMBER: GWC-SA2B-760-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: P386671
 CATALOG NUMBER: GWC-SA2B-760-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4	3193.4
2.5°	3141.8	3184.6	3234.5	3283.9	3326.2	3368.6	3403.8
5°	2792.3	2878.2	2983.4	3088.2	3181.7	3275.1	3383.7
7.5°	2353.1	2464.2	2600.4	2736.6	2868.6	3000.2	3167.0
10°	2035.1	2147.8	2291.9	2435.7	2584.0	2732.0	2920.6
12.5°	1833.1	1924.4	2064.0	2203.5	2377.9	2551.8	2733.2
15°	1699.8	1799.5	1935.3	2071.1	2261.8	2452.5	2661.2
17.5°	1557.7	1688.1	1862.0	2035.9	2261.8	2487.2	2733.2
20°	1408.9	1571.1	1796.6	2022.1	2326.3	2630.1	2944.0
22.5°	1260.6	1448.3	1737.5	2026.3	2424.0	2821.2	3244.9
25°	1126.9	1343.6	1701.5	2058.9	2566.0	3072.7	3598.2
27.5°	1025.5	1261.9	1686.8	2111.3	2746.2	3381.1	3982.5
30°	935.4	1175.9	1669.2	2162.5	2919.7	3676.6	4283.0
32.5°	857.4	1092.1	1635.3	2178.0	3040.8	3903.7	4537.4
35°	796.3	1026.7	1578.3	2129.8	3116.7	4103.6	4802.2
37.5°	743.4	961.0	1513.3	2065.6	3184.2	4302.7	5100.2
40°	693.2	890.5	1457.6	2024.2	3277.2	4530.3	5414.9
42.5°	645.4	832.7	1412.7	1992.7	3363.5	4733.9	5690.3
45°	609.8	788.3	1372.9	1957.1	3419.3	4881.4	5897.7
47.5°	592.2	761.9	1351.5	1940.8	3475.0	5008.8	6070.0
50°	589.6	757.3	1375.8	1994.4	3595.7	5196.6	6266.9
52.5°	589.2	764.8	1445.8	2126.8	3819.9	5512.6	6480.2
55°	580.4	769.4	1529.2	2288.6	4120.8	5952.6	6863.7
57.5°	553.6	753.5	1615.1	2476.3	4438.9	6401.0	7295.8
60°	512.1	715.0	1686.0	2656.5	4652.6	6648.3	7462.1
62.5°	460.1	647.5	1709.4	2771.0	4646.8	6522.6	7294.5
65°	415.7	576.7	1632.3	2687.6	4411.7	6135.3	6963.0
67.5°	376.3	505.8	1439.5	2372.8	3988.8	5604.4	6541.4
70°	347.8	459.3	1191.0	1922.7	3459.5	4995.9	6053.2
72.5°	329.8	437.1	971.0	1504.5	2807.4	4109.9	5177.7
75°	305.1	402.3	761.9	1121.0	2148.6	3176.2	3910.9
77.5°	259.0	339.0	574.1	809.2	1576.6	2343.5	2719.8
80°	199.9	261.9	394.8	527.6	1085.0	1642.4	1854.4
82.5°	142.5	182.7	239.3	295.9	720.8	1145.3	1162.9
85°	88.0	106.4	137.0	167.6	476.9	786.2	655.0
87.5°	47.4	56.6	72.5	88.0	152.5	217.1	124.9
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: P386671
 CATALOG NUMBER: GWC-SA2B-760-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

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

Scaled Data Report



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Scaled Data Report



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

Scaled Data Report





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

Scaled Data Report





110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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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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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(END OF REPORT)