

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: P387063

Luminaire Tested: **GWC-SA2D-735-U-SLL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P387063  
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-735-U-SLL  
Description: GALLEON WALL LUMINAIRE  
(2) 70 CRI, 3500K, 1200mA 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: 13368.5 lumens  
Efficiency: N/A  
Efficacy: 103.6 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B2 - U0 - G3

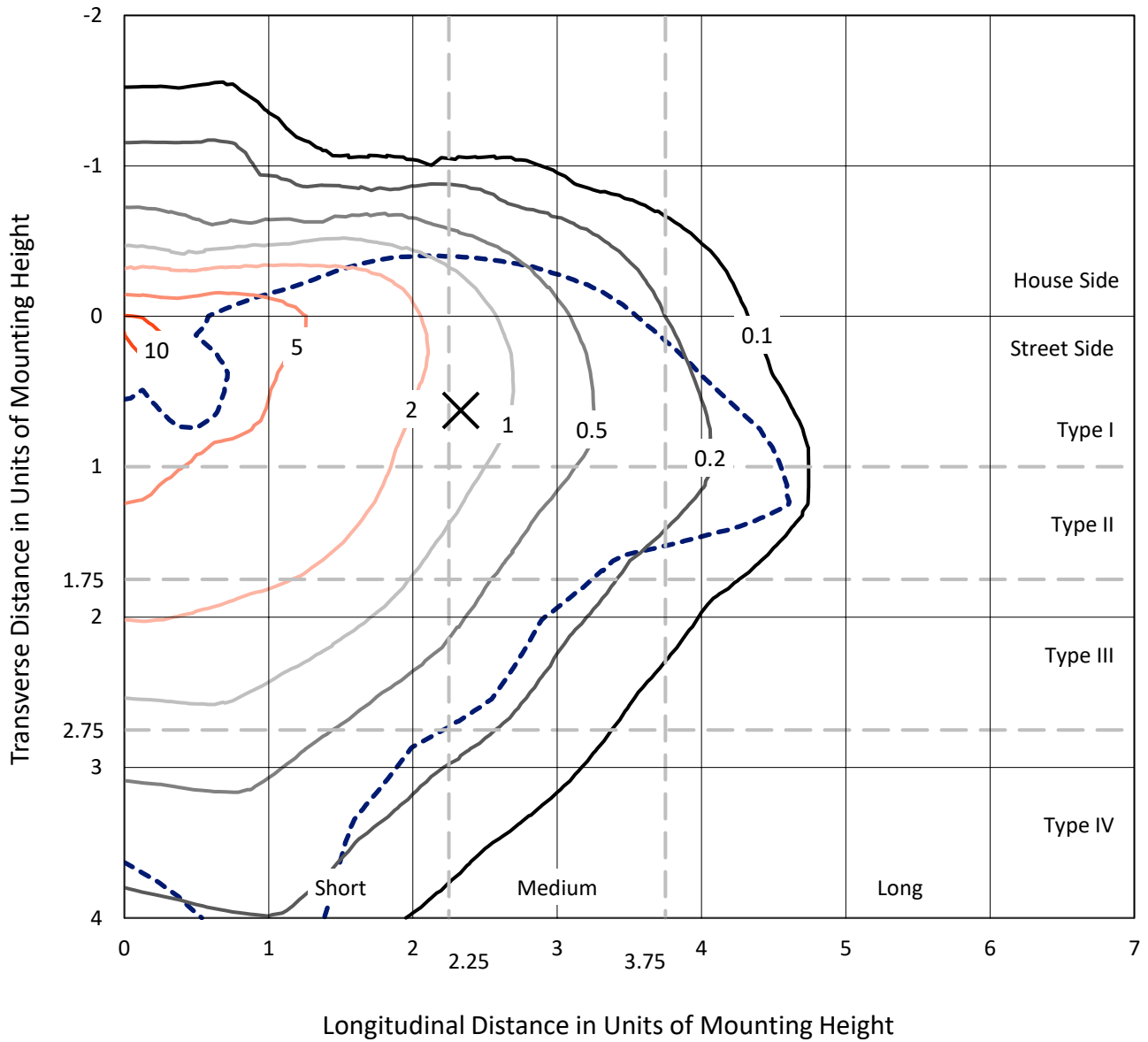
Input Watts (W): 129  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

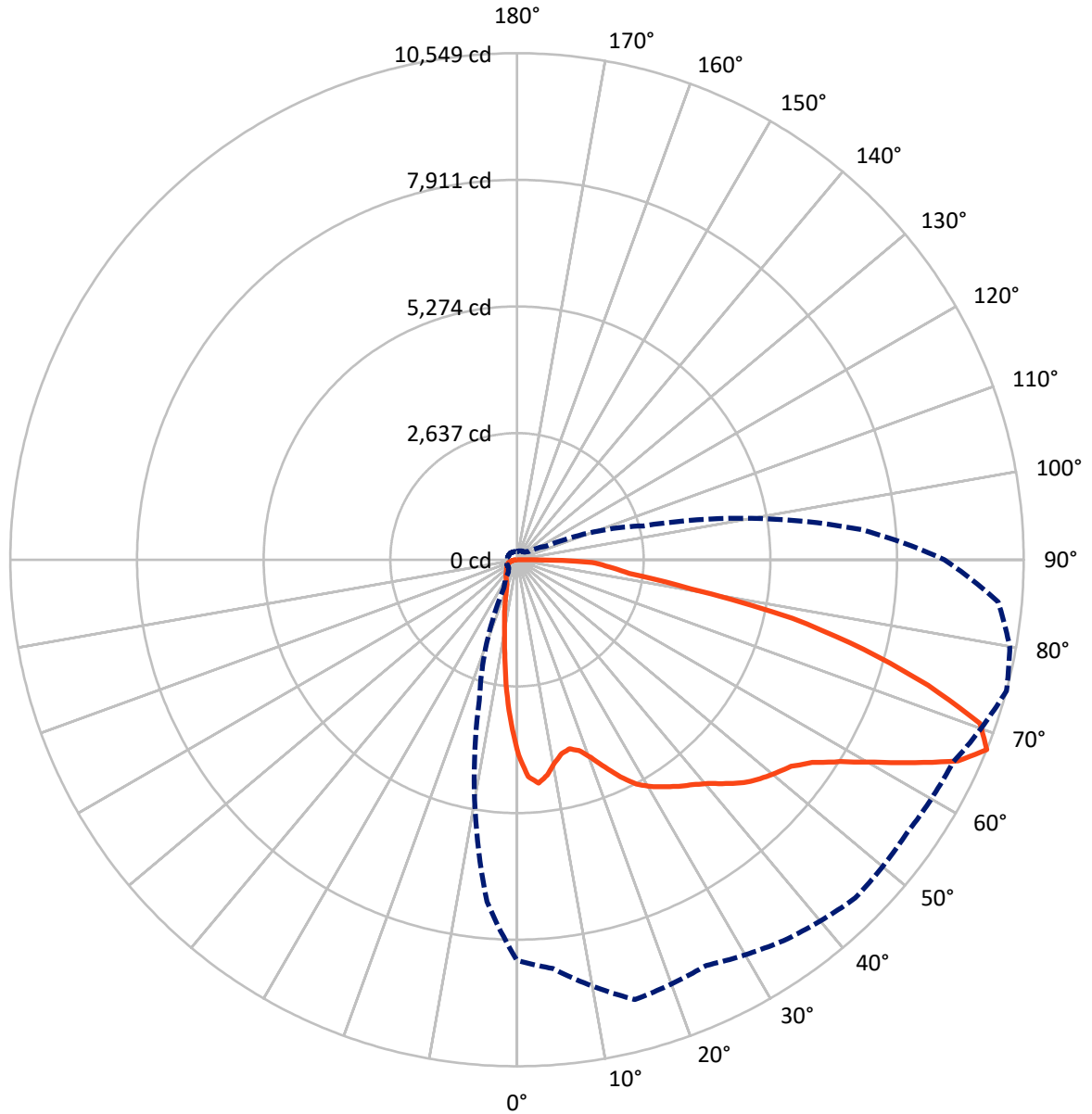
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 12.8 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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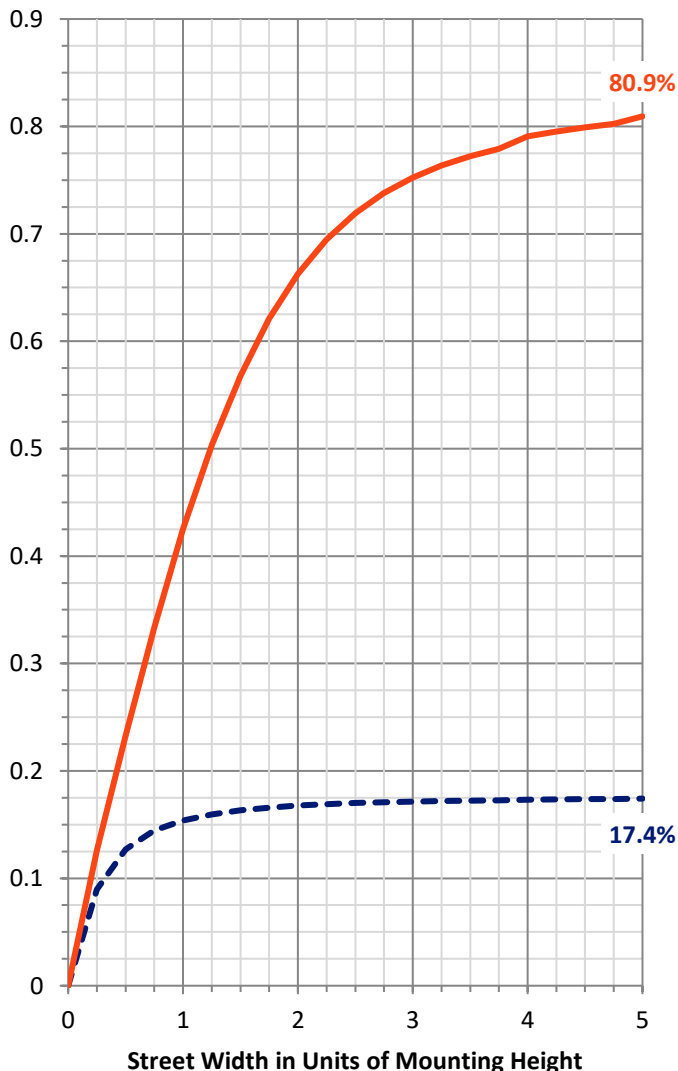
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2354.5	0.0	2354.5
	% Fixture	17.6	0.0	17.6
<b>Street Side</b>	Lumens	11014.0	0.0	11014.0
	% Fixture	82.4	0.0	82.4
<b>Total</b>	Lumens	13368.5	0.0	13368.5
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	314.3	2.4
10°-20°	653.0	4.9
20°-30°	928.7	6.9
30°-40°	1338.2	10.0
40°-50°	1886.0	14.1
50°-60°	2621.8	19.6
60°-70°	3170.5	23.7
70°-80°	1948.9	14.6
80°-90°	507.1	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°	13368.5	100.0
0°-180°	13368.5	100.0

**Coefficient of Utilization**



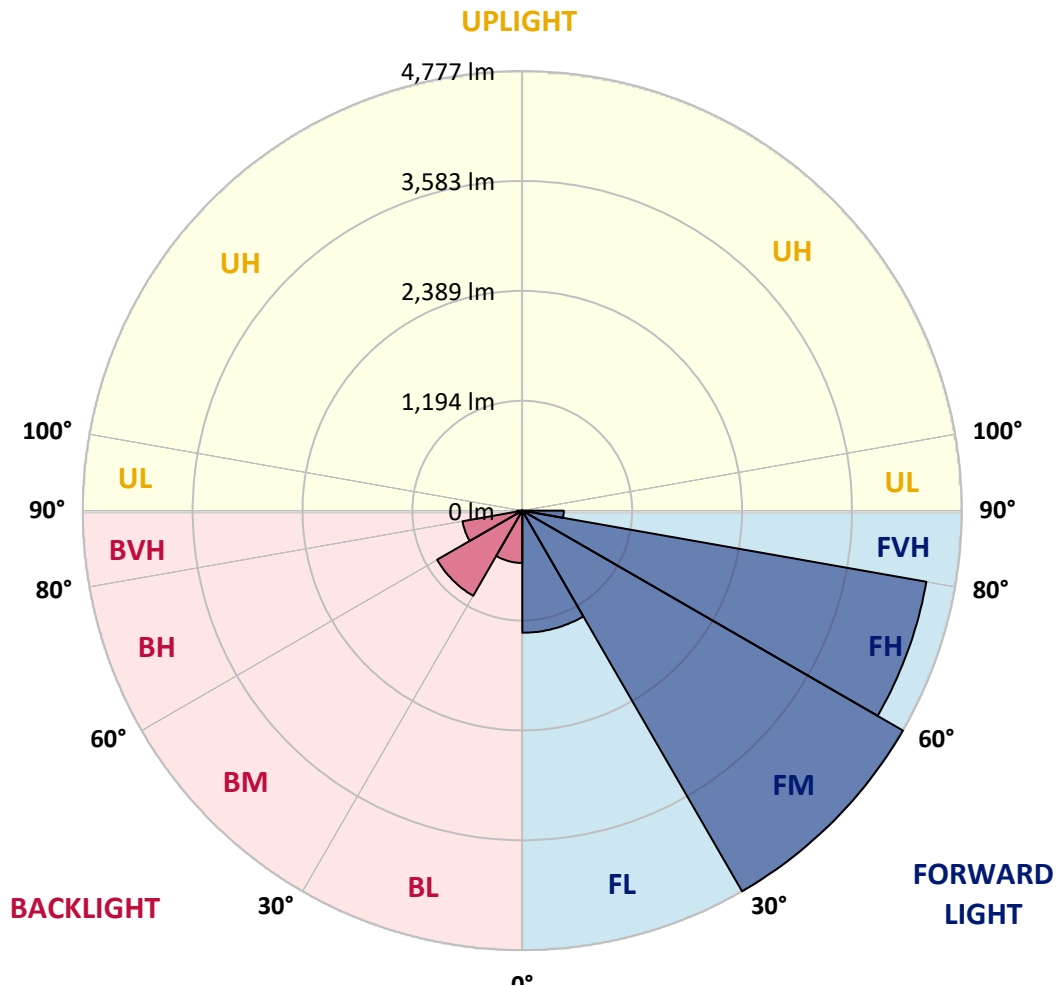
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1327.4	9.9			
FM (30°-60°)	4777.2	35.7			
FH (60°-80°)	4459.3	33.4			G2/5000
FVH (80°-90°)	450.1	3.4			G3/500
BL (0°-30°)	568.6	4.3	B2/1000		
BM (30°-60°)	1068.8	8.0	B2/2500		
BH (60°-80°)	660.1	4.9	B2/1000		G2/1000
BVH (80°-90°)	57.0	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°	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7
2.5°	4341.1	4398.2	4437.8	4476.9	4507.3	4537.3	4581.0	4624.9	4633.5	4641.5	4624.4
5°	4315.5	4455.0	4573.6	4691.7	4801.2	4910.9	4976.6	5042.3	5055.7	5069.1	5027.9
7.5°	4039.1	4244.8	4450.7	4656.5	4845.1	5033.7	5148.7	5263.0	5289.3	5314.9	5247.5
10°	3724.8	3964.2	4217.1	4469.9	4718.5	4967.0	5133.2	5299.4	5332.6	5365.7	5281.7
12.5°	3485.9	3747.2	4017.2	4287.1	4549.6	4811.5	4983.6	5155.7	5196.8	5238.0	5177.0
15°	3394.0	3680.5	3934.4	4188.2	4417.0	4645.2	4786.3	4926.9	4944.0	4960.6	4951.0
17.5°	3485.9	3801.8	4031.6	4260.9	4385.5	4509.5	4566.1	4622.2	4641.0	4659.1	4683.7
20°	3754.8	4095.8	4257.7	4419.1	4413.7	4407.9	4380.7	4352.9	4348.1	4343.2	4412.7
22.5°	4138.5	4534.5	4599.3	4663.4	4513.2	4363.0	4271.6	4179.6	4161.5	4142.8	4216.6
25°	4589.1	5010.8	4999.1	4986.8	4700.8	4414.3	4240.0	4065.8	4045.5	4025.2	4088.2
27.5°	5079.2	5482.2	5405.3	5328.2	4939.7	4551.2	4298.3	4045.5	4025.2	4004.9	4060.5
30°	5462.5	5828.0	5704.6	5581.1	5141.2	4701.3	4401.0	4100.5	4067.5	4033.8	4102.1
32.5°	5786.9	6098.0	5932.3	5766.6	5304.8	4843.0	4518.0	4193.1	4141.2	4089.4	4180.8
35°	6124.7	6367.3	6134.3	5900.7	5450.6	5000.1	4656.5	4312.2	4248.6	4185.0	4310.6
37.5°	6504.6	6706.1	6371.6	6036.5	5614.8	5193.1	4863.8	4534.1	4468.8	4403.6	4564.0
40°	6906.0	7073.9	6627.6	6181.3	5794.4	5407.4	5150.9	4893.8	4831.8	4769.2	4963.8
42.5°	7257.3	7379.6	6866.0	6352.4	6010.8	5668.8	5488.1	5306.9	5306.4	5305.3	5502.5
45°	7521.8	7628.2	7064.8	6501.0	6222.0	5942.4	5848.4	5754.3	5829.6	5905.0	6083.5
47.5°	7741.5	7813.7	7231.5	6649.0	6463.5	6278.1	6292.0	6305.9	6459.3	6612.7	6727.6
50°	7992.7	7934.4	7382.9	6830.7	6773.5	6716.4	6841.4	6966.0	7142.3	7318.2	7396.2
52.5°	8264.8	8110.3	7588.0	7065.4	7129.5	7193.6	7448.1	7702.5	7880.5	8058.4	8087.8
55°	8753.8	8517.0	7965.4	7413.3	7536.8	7659.7	8033.3	8406.4	8545.4	8684.3	8695.0
57.5°	9304.9	9094.8	8494.0	7893.3	8025.8	8158.4	8589.7	9020.5	9170.7	9320.4	9299.5
60°	9517.1	9527.2	8995.9	8464.1	8597.7	8731.4	9151.5	9571.6	9744.2	9916.3	9870.3
62.5°	9303.3	9553.9	9270.1	8985.8	9107.1	9227.9	9639.4	10051.0	10227.9	10404.8	10324.7
65°	8880.5	9129.0	9256.2	9383.4	9423.5	9463.6	9847.9	10231.7	10367.4	10502.6	10462.0
67.5°	8342.8	8543.8	9013.0	9481.8	9401.1	9320.4	9500.5	9680.6	9820.1	9959.6	9936.6
70°	7720.1	7959.6	8585.4	9211.3	8814.7	8417.6	8343.3	8269.0	8419.8	8569.9	8476.9
72.5°	6603.6	6964.9	7632.5	8299.5	7568.9	6838.2	6584.3	6330.5	6521.3	6712.1	6564.0
75°	4987.8	5467.3	6204.9	6941.9	6070.2	5198.4	4859.6	4520.6	4684.8	4848.9	4747.3
77.5°	3468.8	4070.1	4796.5	5522.9	4636.7	3750.0	3498.2	3245.9	3295.1	3343.8	3326.7
80°	2365.1	2760.6	3267.3	3773.5	3183.4	2593.3	2613.1	2632.4	2609.4	2585.9	2620.1
82.5°	1483.2	1761.6	2152.9	2543.6	2230.4	1917.2	2096.8	2276.3	2188.2	2099.5	2132.6
85°	835.4	1005.3	1388.0	1770.2	1650.0	1529.1	1634.5	1739.2	1602.4	1465.5	1526.0
87.5°	159.3	265.1	768.0	1270.4	1153.4	1036.3	900.6	764.9	583.6	402.4	588.0
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°	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7
2.5°	4607.3	4598.1	4589.1	4556.5	4523.4	4474.1	4433.6	4363.0	4324.5	4266.3	4208.0
5°	4986.2	4928.5	4870.8	4771.4	4671.4	4560.2	4432.5	4290.9	4184.0	4045.0	3906.0
7.5°	5180.2	5045.6	4910.3	4719.5	4528.2	4356.1	4154.0	3965.8	3805.6	3624.8	3444.2
10°	5197.9	4995.8	4793.3	4545.3	4296.7	4087.8	3855.3	3646.3	3453.9	3246.5	3038.6
12.5°	5115.6	4900.7	4685.3	4412.1	4138.5	3901.2	3651.0	3417.0	3203.7	2975.4	2746.7
15°	4941.3	4769.8	4597.7	4341.6	4085.6	3846.2	3603.5	3326.1	3085.1	2851.4	2617.3
17.5°	4707.8	4626.5	4544.7	4359.8	4174.3	3967.0	3731.7	3406.2	3124.0	2870.2	2616.3
20°	4481.7	4511.6	4541.0	4467.2	4393.5	4227.3	4022.0	3656.4	3296.1	2964.3	2631.8
22.5°	4289.7	4433.6	4576.8	4634.0	4690.7	4590.7	4430.4	4007.5	3530.8	3097.4	2663.8
25°	4150.8	4389.2	4627.5	4817.9	5007.6	4963.2	4839.8	4434.1	3841.8	3289.2	2736.1
27.5°	4116.0	4408.5	4700.8	4995.8	5290.4	5331.5	5297.2	4883.6	4212.8	3527.6	2841.9
30°	4170.6	4466.7	4762.3	5121.5	5480.0	5644.2	5690.1	5258.3	4636.7	3805.6	2973.8
32.5°	4272.2	4562.4	4852.6	5243.9	5634.6	5882.6	6029.0	5600.9	4932.2	4015.1	3097.4
35°	4436.2	4707.8	4979.3	5386.6	5793.8	6114.5	6381.8	5954.7	5194.7	4161.5	3127.8
37.5°	4723.7	4957.4	5190.9	5567.2	5943.0	6358.8	6760.2	6344.4	5478.5	4302.6	3126.2
40°	5158.3	5323.5	5488.1	5806.1	6123.6	6646.9	7188.8	6778.9	5792.2	4455.5	3118.7
42.5°	5699.8	5784.7	5869.1	6120.9	6372.7	6947.8	7577.9	7203.8	6091.5	4597.7	3103.8
45°	6261.5	6284.0	6306.4	6465.1	6623.4	7186.2	7843.0	7522.9	6352.9	4721.1	3088.8
47.5°	6842.0	6765.0	6688.0	6751.0	6814.2	7369.0	8032.3	7765.0	6615.3	4858.0	3100.0
50°	7474.3	7259.9	7045.5	7012.5	6979.3	7551.8	8255.1	8072.9	6930.7	5057.3	3183.9
52.5°	8116.7	7763.4	7410.1	7279.2	7147.7	7769.8	8550.7	8456.1	7380.7	5366.2	3351.2
55°	8705.7	8256.2	7806.7	7630.3	7453.9	8103.3	8911.5	9018.9	7957.4	5761.2	3564.5
57.5°	9278.1	8768.8	8259.4	8095.9	7932.3	8593.5	9368.5	9524.0	8540.0	6140.2	3739.8
60°	9824.4	9320.4	8815.8	8684.9	8553.4	9202.8	9862.3	9749.0	8840.4	6317.6	3794.3
62.5°	10244.5	9843.6	9442.8	9373.8	9304.3	9819.0	10241.8	9661.4	8649.6	6142.9	3636.1
65°	10421.4	10193.2	9964.4	10029.1	10093.2	10285.1	10336.4	9404.8	8049.9	5653.3	3256.6
67.5°	9913.1	9959.6	10006.1	10277.6	10548.6	10416.6	10055.3	8899.2	7196.3	4959.5	2722.6
70°	8383.4	8662.4	8940.9	9583.3	10225.2	9932.3	9302.2	7991.6	6169.0	4160.5	2151.3
72.5°	6415.4	6729.2	7042.4	7995.9	8948.9	8679.0	7907.2	6564.0	4946.1	3322.4	1698.0
75°	4645.2	4999.5	5353.4	6405.3	7457.2	7082.5	5914.6	4699.7	3756.9	2536.2	1314.9
77.5°	3309.0	3546.3	3783.6	4822.7	5861.2	5250.7	3937.0	3162.6	2600.2	1762.8	924.6
80°	2654.3	2581.5	2508.8	3087.7	3666.5	3565.0	2604.0	2031.1	1799.6	1181.2	562.8
82.5°	2165.2	1987.8	1810.3	2082.9	2355.4	2340.5	1807.1	1490.2	1339.4	820.9	302.5
85°	1585.8	1514.8	1443.7	1684.7	1925.8	1719.9	1223.9	947.1	1044.4	604.5	164.6
87.5°	773.4	883.5	993.0	1277.4	1561.3	1172.1	371.4	183.8	254.4	167.3	79.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P387063

CATALOG NUMBER: GWC-SA2D-735-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: P387063  
 CATALOG NUMBER: GWC-SA2D-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7
2.5°	4164.7	4120.8	4071.1	4021.5	3964.8	3907.6	3874.0	3839.8	3802.9	3766.0	3724.3
5°	3814.1	3722.2	3617.9	3513.7	3410.6	3307.4	3251.8	3196.2	3137.4	3078.1	3026.8
7.5°	3310.6	3176.5	3032.2	2887.3	2759.0	2630.2	2550.5	2470.4	2397.7	2324.4	2263.0
10°	2867.5	2696.4	2551.7	2406.3	2309.5	2212.7	2139.6	2066.3	1995.7	1924.7	1856.8
12.5°	2575.7	2404.7	2312.7	2220.8	2140.6	2060.5	1976.0	1891.0	1794.2	1697.0	1625.9
15°	2461.9	2306.3	2204.2	2101.6	1994.1	1886.2	1782.5	1678.8	1564.5	1450.0	1369.4
17.5°	2412.6	2209.0	2066.3	1923.0	1781.5	1639.8	1519.6	1399.3	1274.2	1149.2	1067.3
20°	2360.8	2089.9	1898.5	1706.6	1524.9	1343.1	1206.8	1070.5	958.8	847.1	784.6
22.5°	2313.8	1963.1	1723.2	1482.6	1267.8	1053.0	919.3	785.1	716.8	648.4	623.2
25°	2294.6	1852.5	1557.5	1262.5	1035.9	808.6	713.6	618.4	592.2	565.5	552.6
27.5°	2297.8	1753.7	1418.0	1081.8	877.6	673.5	608.3	543.1	527.0	510.5	502.4
30°	2310.1	1646.2	1286.5	926.8	758.5	590.0	547.9	505.1	488.0	470.9	460.8
32.5°	2324.0	1550.0	1185.0	819.3	682.0	544.1	509.3	474.1	457.5	441.0	430.8
35°	2299.9	1471.5	1115.4	759.5	632.9	505.6	476.3	446.3	428.1	410.0	400.4
37.5°	2259.2	1392.4	1061.5	730.1	600.7	470.9	449.5	427.6	408.9	389.7	380.5
40°	2222.4	1325.5	1021.4	716.8	583.1	448.9	430.8	412.6	393.4	373.6	362.9
42.5°	2192.5	1280.6	981.9	683.0	567.1	450.5	424.9	398.8	380.0	361.3	349.5
45°	2170.0	1251.3	950.9	650.4	552.1	453.8	421.1	388.5	369.8	350.6	336.8
47.5°	2167.8	1235.8	929.0	622.2	523.8	424.9	411.5	398.2	371.0	343.2	327.1
50°	2197.2	1210.6	903.3	595.4	496.6	397.6	415.9	433.4	386.9	340.0	319.6
52.5°	2258.8	1166.3	862.6	559.0	463.4	367.2	395.5	423.3	383.3	342.6	316.4
55°	2333.0	1101.1	801.2	500.8	419.5	337.8	362.9	387.5	362.4	336.8	305.2
57.5°	2379.5	1018.8	723.7	428.6	370.4	312.2	326.5	340.4	330.3	320.1	288.1
60°	2351.8	909.1	636.5	363.5	327.1	290.7	288.1	284.9	299.9	314.8	278.0
62.5°	2215.9	795.9	559.6	323.3	296.1	268.3	262.5	256.0	280.6	304.6	265.7
65°	1986.7	716.8	510.9	305.2	274.7	244.2	237.9	231.5	238.9	246.4	228.2
67.5°	1695.4	668.1	483.1	298.3	261.3	224.0	216.4	209.0	207.4	205.8	199.3
70°	1395.0	638.1	465.0	291.9	247.0	201.5	194.5	187.6	185.4	182.8	178.0
72.5°	1166.3	634.5	462.8	291.3	235.1	179.0	172.7	166.2	163.5	160.4	156.6
75°	955.1	595.4	439.4	283.3	219.2	154.4	148.6	142.7	140.5	137.9	134.7
77.5°	708.8	492.8	369.4	245.8	187.6	129.4	123.4	117.0	116.5	115.5	112.8
80°	459.6	356.5	264.1	171.5	136.9	101.5	96.8	91.4	92.0	92.4	90.4
82.5°	255.5	207.9	161.4	114.9	93.6	72.1	70.0	67.4	69.0	70.0	67.4
85°	134.7	104.7	86.6	68.4	54.0	39.5	39.5	39.0	41.1	43.3	41.1
87.5°	58.2	36.9	31.6	25.6	14.5	2.6	3.2	3.2	4.3	5.4	4.8
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: P387063  
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**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P387063

CATALOG NUMBER: GWC-SA2D-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7
2.5°	3682.0	3643.1	3603.5	3560.2	3568.2	3535.1	3502.0	3481.1	3460.3	3453.9	3447.4
5°	2975.4	2931.1	2886.2	2846.2	2880.8	2857.4	2833.9	2830.7	2826.9	2826.9	2826.4
7.5°	2201.6	2153.9	2105.8	2072.8	2107.0	2102.6	2098.4	2121.3	2144.4	2163.0	2181.3
10°	1788.9	1731.2	1673.0	1623.7	1615.2	1590.7	1565.5	1570.9	1575.6	1595.9	1616.3
12.5°	1554.8	1485.8	1416.9	1359.2	1333.0	1292.4	1251.3	1225.5	1199.9	1202.6	1204.8
15°	1288.1	1221.3	1154.0	1104.3	1087.7	1056.2	1024.6	992.6	960.0	946.5	932.7
17.5°	985.0	931.6	877.6	844.5	844.5	835.4	826.3	810.3	793.7	780.4	766.5
20°	722.1	693.7	664.9	651.0	655.3	655.8	655.8	663.9	671.9	667.5	663.3
22.5°	597.5	587.4	577.3	571.3	573.5	574.1	574.5	582.0	589.0	594.4	599.1
25°	539.3	532.9	526.4	524.4	529.2	529.6	529.6	534.5	539.3	544.7	550.0
27.5°	493.8	491.2	488.5	484.8	489.6	489.6	489.0	494.4	499.2	504.0	508.3
30°	450.5	451.7	452.1	451.1	454.3	456.5	458.0	461.8	465.0	468.8	472.5
32.5°	420.1	418.5	416.9	415.9	422.8	426.5	430.2	434.0	437.2	438.8	440.4
35°	390.7	386.9	383.3	380.5	386.9	391.8	396.6	403.6	410.0	411.0	412.1
37.5°	371.0	366.1	361.3	358.1	360.8	362.9	365.0	372.6	380.0	384.3	388.1
40°	352.3	347.4	342.6	340.0	341.6	342.0	342.6	346.4	349.5	357.5	365.0
42.5°	337.2	331.4	325.5	322.3	323.3	324.5	324.9	324.5	323.9	331.4	338.8
45°	322.3	315.9	309.4	305.8	306.2	306.2	306.2	305.2	303.6	307.4	311.0
47.5°	310.6	303.0	295.5	291.9	290.7	289.7	288.6	288.1	287.0	289.7	291.9
50°	298.8	290.7	282.2	278.0	275.2	274.2	273.1	272.6	271.5	274.2	276.4
52.5°	289.7	280.0	270.5	263.5	260.9	259.2	257.6	258.1	258.1	259.2	259.7
55°	273.6	265.1	256.0	251.2	246.4	245.4	244.2	245.8	247.0	247.0	247.0
57.5°	256.0	248.0	239.5	236.3	231.9	231.9	231.5	233.5	235.1	236.3	237.3
60°	240.5	231.5	222.4	219.6	218.0	217.6	217.0	219.6	221.8	224.0	226.1
62.5°	226.1	216.4	206.9	203.7	203.1	203.7	203.7	206.3	208.5	210.6	212.7
65°	210.0	200.5	190.3	187.0	188.2	189.8	191.4	193.5	195.1	197.2	199.3
67.5°	192.4	184.4	175.9	172.7	173.1	175.3	177.5	179.0	180.1	182.2	184.4
70°	173.1	166.2	159.3	157.2	156.6	159.3	161.4	162.5	163.5	166.2	168.3
72.5°	152.4	146.5	140.5	138.9	139.5	141.1	142.7	144.3	145.4	148.0	150.2
75°	131.0	125.6	120.2	119.2	120.2	121.8	123.4	124.6	125.6	128.8	131.5
77.5°	110.1	104.2	97.8	97.3	98.9	100.5	101.5	103.1	104.7	109.1	113.3
80°	88.2	81.8	74.9	74.3	75.9	77.5	79.1	80.7	82.3	87.6	92.4
82.5°	64.6	57.2	49.7	48.7	54.0	55.6	57.2	59.8	62.0	66.8	71.6
85°	39.0	31.6	24.0	23.5	28.4	31.0	33.6	36.9	39.5	43.9	48.1
87.5°	4.3	2.2	0.0	0.0	0.6	2.6	4.8	7.5	10.1	14.5	18.1
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: P387063

CATALOG NUMBER: GWC-SA2D-735-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: P387063

CATALOG NUMBER: GWC-SA2D-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7
2.5°	3423.9	3399.9	3424.5	3448.5	3458.7	3468.8	3442.6	3415.9	3457.6	3498.8	3509.4
5°	2804.9	2783.0	2799.7	2815.6	2779.9	2744.1	2740.3	2736.1	2767.1	2798.1	2802.9
7.5°	2174.3	2167.4	2182.9	2198.4	2152.9	2107.0	2084.5	2062.1	2069.5	2077.0	2076.0
10°	1621.1	1625.3	1644.6	1663.3	1628.1	1592.7	1577.2	1561.7	1578.8	1595.5	1611.0
12.5°	1214.4	1223.5	1243.8	1263.5	1249.1	1234.1	1235.8	1237.4	1257.1	1276.4	1293.5
15°	943.3	954.0	968.5	982.4	982.9	982.9	996.8	1010.2	1008.5	1006.9	1018.8
17.5°	780.9	794.8	796.4	798.0	798.5	799.0	798.0	796.9	788.9	780.9	789.9
20°	668.7	673.5	677.8	681.4	676.6	671.3	658.0	644.6	639.3	633.9	642.5
22.5°	608.3	616.8	612.5	607.7	598.1	588.0	577.8	567.1	566.5	565.5	570.3
25°	557.4	564.4	557.0	549.5	542.5	535.5	528.6	521.6	521.1	520.6	522.8
27.5°	515.3	521.6	514.7	507.7	501.9	496.0	490.6	485.3	484.3	483.1	483.7
30°	478.9	484.8	478.9	472.5	468.2	463.4	459.6	455.9	455.4	454.9	454.9
32.5°	446.3	452.1	447.9	443.6	439.9	436.2	433.4	430.8	428.1	425.5	419.5
35°	417.9	423.9	421.1	417.9	413.7	409.4	404.6	399.2	392.3	384.9	381.6
37.5°	393.9	399.8	397.1	394.5	388.5	382.7	374.2	365.0	362.9	360.3	359.7
40°	374.6	383.7	378.4	372.6	363.5	354.3	350.1	345.8	344.8	343.6	342.6
42.5°	353.3	367.2	357.5	348.0	339.4	330.9	329.8	328.7	328.1	327.7	327.7
45°	326.5	341.6	331.9	321.7	317.0	312.2	312.2	312.2	312.6	312.6	313.8
47.5°	301.5	310.6	305.8	300.9	298.3	295.5	296.1	296.7	298.3	299.3	302.0
50°	280.0	283.3	284.4	284.9	283.3	281.6	282.8	283.3	284.9	286.0	288.1
52.5°	264.5	269.4	269.4	268.9	268.9	268.9	269.9	271.0	272.6	274.2	276.4
55°	254.4	261.3	259.2	257.1	257.6	257.6	258.7	259.7	261.3	262.5	265.7
57.5°	244.8	252.3	250.2	248.0	248.0	248.0	248.6	249.0	250.6	251.8	253.9
60°	233.5	241.0	238.9	236.3	236.8	237.3	237.9	237.9	238.9	239.5	239.5
62.5°	220.2	227.7	225.5	222.9	224.5	225.5	225.5	225.5	226.6	227.1	225.5
65°	206.3	213.2	211.1	209.0	211.1	212.7	213.8	214.4	213.8	213.2	211.6
67.5°	191.4	198.3	196.1	193.5	196.1	198.3	200.5	202.1	200.5	198.9	196.7
70°	175.3	182.2	179.6	176.9	179.6	182.2	184.4	186.6	184.4	182.2	181.7
72.5°	158.2	166.2	163.0	159.8	163.0	166.2	167.3	168.3	166.7	165.1	164.1
75°	139.5	147.5	144.9	141.7	144.3	147.0	147.5	148.0	148.0	147.5	144.3
77.5°	119.7	126.2	124.6	123.0	124.6	126.2	126.2	126.2	126.6	126.6	122.4
80°	96.2	100.0	100.5	101.0	101.5	102.1	101.5	101.0	100.0	98.9	96.2
82.5°	71.6	71.6	75.9	79.7	79.7	79.1	78.5	77.5	75.3	72.7	66.8
85°	45.5	42.7	49.7	56.1	56.1	55.6	54.5	52.9	48.7	43.9	39.0
87.5°	15.5	12.9	19.8	26.7	27.2	27.2	26.2	25.1	20.9	16.1	12.3
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: P387063  
 CATALOG NUMBER: GWC-SA2D-735-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: P387063

CATALOG NUMBER: GWC-SA2D-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7
2.5°	3525.5	3532.4	3538.8	3591.2	3643.1	3704.0	3764.9	3811.4	3857.3	3905.0	3952.5
5°	2819.4	2828.0	2836.5	2900.1	2963.2	3048.1	3133.2	3206.3	3279.6	3365.7	3451.7
7.5°	2089.9	2108.6	2126.7	2194.6	2262.0	2353.4	2444.2	2539.8	2635.0	2747.3	2859.5
10°	1641.4	1676.7	1711.4	1780.9	1850.4	1940.7	2030.5	2130.5	2230.4	2341.1	2451.2
12.5°	1328.8	1375.7	1422.2	1505.7	1589.0	1697.0	1804.4	1915.6	2026.3	2123.5	2220.8
15°	1049.8	1101.1	1151.8	1240.0	1328.2	1446.9	1564.9	1686.3	1807.1	1923.6	2040.2
17.5°	818.9	861.0	902.8	977.5	1051.8	1166.8	1281.7	1408.9	1536.1	1678.3	1819.9
20°	660.6	678.2	695.9	749.9	803.4	896.8	989.8	1119.8	1249.6	1419.6	1589.5
22.5°	578.9	588.0	596.5	622.6	648.4	708.8	768.6	883.5	997.9	1183.4	1368.3
25°	529.6	536.6	543.5	560.6	577.8	606.7	635.5	716.2	796.9	979.2	1160.9
27.5°	485.3	496.0	506.1	514.1	521.6	541.5	560.6	613.6	666.5	836.4	1005.9
30°	453.3	457.0	460.8	473.0	484.8	505.1	525.4	562.3	599.1	743.0	886.1
32.5°	415.9	421.1	426.5	439.4	452.1	470.9	489.6	519.5	548.9	671.9	794.3
35°	382.1	387.5	392.9	405.6	417.9	438.3	458.0	483.1	507.7	614.6	721.5
37.5°	361.3	366.6	372.0	383.3	393.9	414.3	434.0	453.8	473.0	571.9	670.8
40°	343.6	349.0	354.3	365.0	375.2	395.0	414.3	430.8	447.3	539.9	632.3
42.5°	328.1	334.0	340.0	350.6	360.8	378.4	396.0	417.9	439.4	512.1	584.2
45°	315.4	321.3	326.5	338.4	350.1	367.2	384.3	414.7	445.3	497.6	550.0
47.5°	303.6	310.0	315.9	328.7	341.6	362.9	383.7	409.4	434.6	486.4	538.3
50°	292.3	299.9	307.4	322.9	337.8	373.6	408.9	412.6	415.9	477.3	538.3
52.5°	281.6	290.2	298.8	318.0	336.8	378.4	420.1	406.8	392.9	460.2	527.6
55°	271.0	278.4	285.4	309.0	332.5	362.9	393.4	375.8	357.5	428.1	498.6
57.5°	256.5	264.5	272.0	297.1	322.3	343.6	364.5	348.5	331.9	391.8	451.1
60°	241.6	250.6	259.7	291.9	323.3	319.6	315.4	312.2	308.4	351.1	393.9
62.5°	228.2	237.9	247.4	289.1	330.9	305.2	279.6	282.2	284.4	315.9	347.4
65°	214.8	224.5	233.5	254.4	275.2	265.1	255.0	259.2	262.9	293.9	324.9
67.5°	199.9	208.5	216.4	223.4	230.3	231.5	232.5	236.8	241.0	278.0	314.3
70°	183.4	190.3	197.2	202.1	206.3	208.5	210.0	215.4	220.8	260.9	300.9
72.5°	164.6	170.5	175.9	180.1	184.4	186.0	187.0	192.4	197.7	240.5	283.3
75°	144.3	149.1	153.4	157.2	160.9	163.0	165.1	168.9	172.7	219.2	265.1
77.5°	121.8	126.6	131.0	134.1	136.9	138.9	140.5	145.4	150.2	189.2	227.7
80°	95.2	101.0	106.3	109.1	111.1	111.7	111.7	116.0	120.2	148.0	175.3
82.5°	67.4	73.7	79.7	81.8	83.9	83.9	83.9	88.7	93.6	112.3	130.4
85°	39.5	46.5	52.9	55.0	57.2	58.2	58.8	61.0	62.6	75.9	88.7
87.5°	12.3	18.1	23.5	24.6	25.6	27.8	30.0	30.4	30.4	39.5	48.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P387063  
 CATALOG NUMBER: GWC-SA2D-735-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: P387063  
 CATALOG NUMBER: GWC-SA2D-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7	4072.7
2.5°	4007.1	4061.6	4125.2	4188.2	4242.2	4296.2	4341.1
5°	3561.2	3670.9	3805.0	3938.6	4057.8	4177.0	4315.5
7.5°	3001.2	3142.7	3316.5	3490.2	3658.6	3826.3	4039.1
10°	2595.5	2739.3	2923.1	3106.4	3295.7	3484.3	3724.8
12.5°	2337.9	2454.4	2632.4	2810.3	3032.6	3254.4	3485.9
15°	2167.8	2295.1	2468.3	2641.4	2884.6	3127.8	3394.0
17.5°	1986.7	2152.9	2374.7	2596.5	2884.6	3172.1	3485.9
20°	1797.0	2003.8	2291.4	2578.9	2966.9	3354.4	3754.8
22.5°	1607.8	1847.2	2215.9	2584.3	3091.5	3598.2	4138.5
25°	1437.3	1713.5	2170.0	2625.9	3272.7	3918.9	4589.1
27.5°	1307.9	1609.4	2151.3	2692.8	3502.5	4312.2	5079.2
30°	1192.9	1499.7	2128.9	2758.0	3723.8	4689.1	5462.5
32.5°	1093.5	1392.8	2085.5	2777.7	3878.2	4978.7	5786.9
35°	1015.5	1309.5	2012.8	2716.3	3975.0	5233.6	6124.7
37.5°	948.2	1225.5	1930.0	2634.4	4061.0	5487.6	6504.6
40°	884.1	1135.8	1859.0	2581.5	4179.6	5777.8	6906.0
42.5°	823.1	1062.0	1801.8	2541.4	4289.7	6037.6	7257.3
45°	777.6	1005.3	1750.9	2496.1	4360.9	6225.6	7521.8
47.5°	755.3	971.7	1723.7	2475.2	4432.0	6388.2	7741.5
50°	752.0	965.8	1754.7	2543.6	4585.9	6627.6	7992.7
52.5°	751.5	975.5	1843.9	2712.5	4871.8	7030.6	8264.8
55°	740.2	981.3	1950.4	2918.8	5255.6	7591.8	8753.8
57.5°	706.0	961.0	2059.9	3158.2	5661.3	8163.7	9304.9
60°	653.2	911.9	2150.3	3388.1	5933.9	8479.1	9517.1
62.5°	586.8	825.8	2180.1	3534.0	5926.4	8318.7	9303.3
65°	530.2	735.5	2081.8	3427.7	5626.5	7824.9	8880.5
67.5°	479.9	645.1	1836.0	3026.3	5087.2	7147.7	8342.8
70°	443.6	585.8	1519.0	2452.2	4412.1	6371.6	7720.1
72.5°	420.7	557.4	1238.4	1918.8	3580.5	5241.7	6603.6
75°	389.1	513.1	971.7	1429.8	2740.3	4050.9	4987.8
77.5°	330.3	432.4	732.3	1032.1	2010.8	2988.9	3468.8
80°	255.0	334.0	503.5	672.9	1383.8	2094.7	2365.1
82.5°	181.7	233.1	305.2	377.4	919.3	1460.8	1483.2
85°	112.3	135.7	174.8	213.8	608.3	1002.7	835.4
87.5°	60.4	72.1	92.4	112.3	194.5	276.8	159.3
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: P387063  
 CATALOG NUMBER: GWC-SA2D-735-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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Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



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Peachtree City, GA 30269

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Peachtree City, GA 30269

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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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  
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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1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report





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

Scaled Data Report





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

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(END OF REPORT)