

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: STREETWORKS

Report Number: P533826

Luminaire Tested: **GLAN-SA9B-735-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P533826
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA9B-735-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 3500K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35788 lumens
Efficiency: N/A
Efficacy: 98.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B4 - U0 - G3

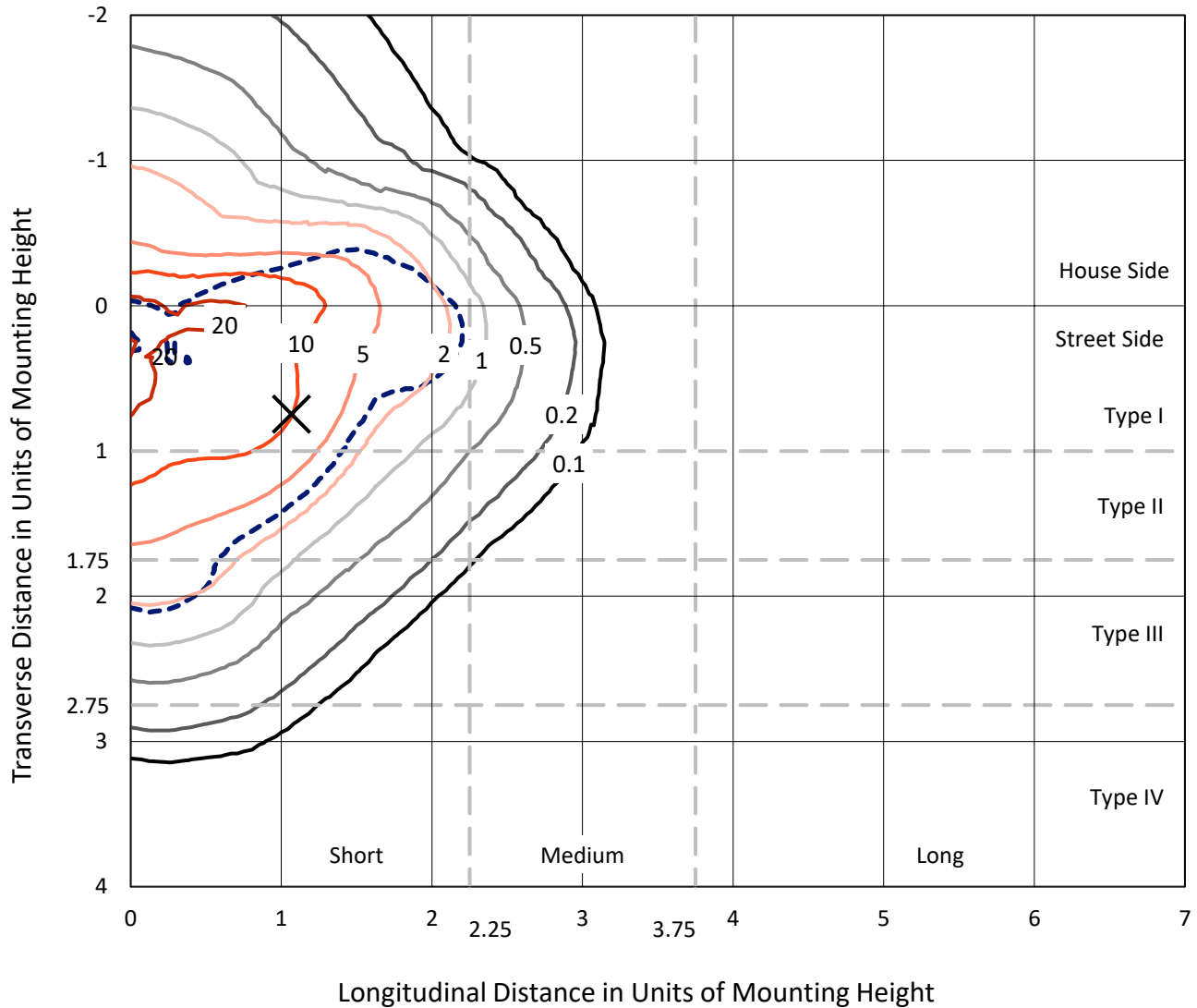
Input Watts (W): 364
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

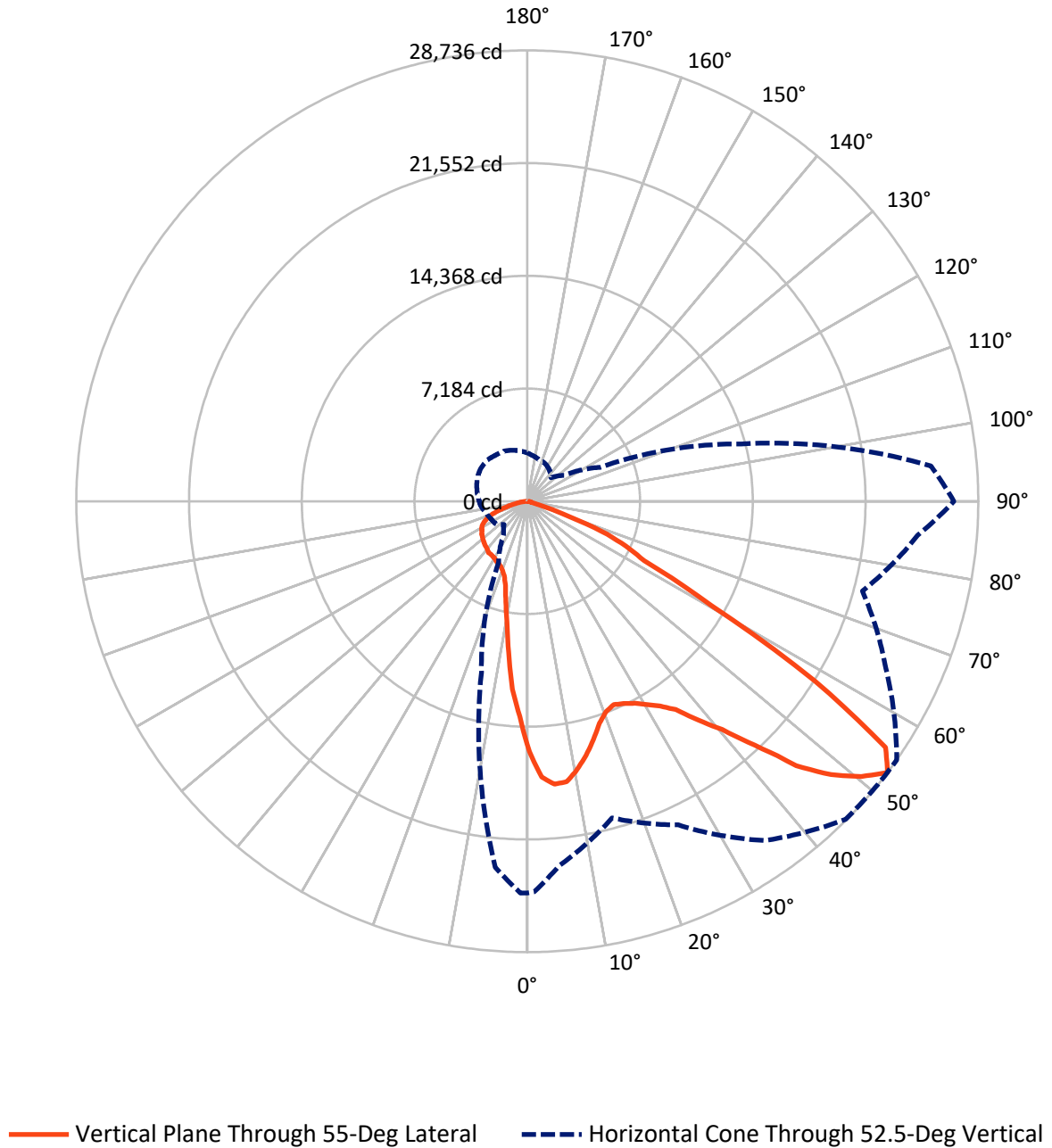
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 27.2 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10917.3	0.0	10917.3
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	24870.7	0.0	24870.7
	% Fixture	69.5	0.0	69.5
Total	Lumens	35788.0	0.0	35788.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1219.6	3.4
10°-20°	2629.7	7.3
20°-30°	3987.5	11.1
30°-40°	5761.3	16.1
40°-50°	7698.7	21.5
50°-60°	8593.4	24.0
60°-70°	4713.9	13.2
70°-80°	1019.1	2.8
80°-90°	164.9	0.5
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°	35788.0	100.0
0°-180°	35788.0	100.0

Coefficient of Utilization



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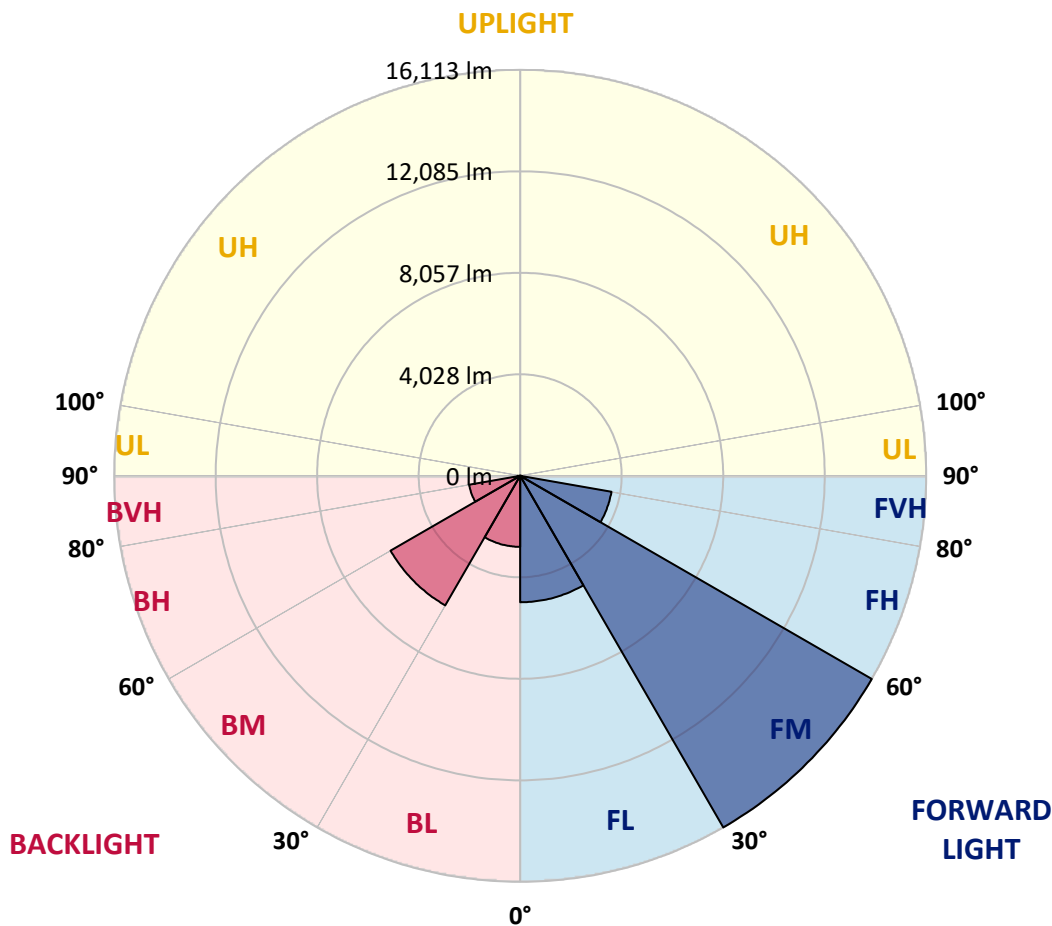
CATALOG NUMBER: GLAN-SA9B-735-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5018.1	14.0			
FM (30°-60°)	16113.4	45.0			
FH (60°-80°)	3678.1	10.3			G2/5000
FVH (80°-90°)	61.0	0.2			G1/100
BL (0°-30°)	2818.7	7.9	B4/5000		
BM (30°-60°)	5939.9	16.6	B4/8500		
BH (60°-80°)	2054.9	5.7	B3/2500		G3/2500
BVH (80°-90°)	103.8	0.3			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G3

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2
2.5°	16753.3	16659.2	16742.8	17140.0	17369.9	17526.7	17626.0	17610.3	17234.0	16868.2	16868.2
5°	16262.1	16141.9	16314.3	17213.1	18117.2	18195.5	18326.2	18111.9	17558.0	16889.1	16053.1
7.5°	14840.7	14929.5	15217.0	16397.9	17573.7	18164.2	18321.0	18049.2	17150.4	15901.5	14673.5
10°	13612.7	13821.7	14485.4	15760.4	16842.1	17610.3	17782.7	17401.3	16690.6	15159.5	14062.1
12.5°	13189.4	13058.8	13795.6	15070.6	16105.3	16518.1	16596.5	16622.6	16141.9	14783.2	13445.5
15°	13137.2	13220.8	13795.6	14762.3	15399.9	15420.8	15551.4	15755.2	15817.9	15039.3	13732.9
17.5°	13889.7	13790.4	14380.9	15149.0	14845.9	14542.9	14574.2	14866.8	15384.2	15258.8	14636.9
20°	15002.7	15227.4	15692.5	15614.1	14798.9	14030.7	14036.0	14312.9	15331.9	16168.0	15896.3
22.5°	16852.6	17072.0	17416.9	16471.1	14798.9	13879.2	13701.5	14077.8	15666.4	17249.7	17317.6
25°	18540.4	18942.8	19036.9	17923.8	15540.9	14020.3	13905.3	14276.3	16000.8	18305.3	18948.0
27.5°	20076.8	20223.1	20635.9	18859.2	15953.8	14114.4	14103.9	14579.4	16424.1	18833.1	20406.0
30°	21289.1	21273.4	21508.6	19449.7	16612.2	14642.1	14135.3	15034.1	16978.0	19705.7	21754.2
32.5°	22114.8	22292.4	22788.9	20270.1	16889.1	15143.8	14746.7	15567.1	17652.1	20118.6	22705.2
35°	23567.5	23875.8	23248.7	20724.7	17767.0	15640.2	15175.2	16293.4	17986.5	20568.0	23870.6
37.5°	24936.6	24701.4	24063.9	20970.3	18336.6	16559.9	16126.2	17699.1	19026.4	21545.2	24643.9
40°	25814.5	25809.3	24675.3	21168.9	18739.0	17965.6	17939.5	19125.7	20301.5	22161.8	25511.4
42.5°	26195.9	26561.7	24926.1	21148.0	19585.6	19669.2	20197.0	21257.8	21205.5	22287.2	25490.5
44°	26718.5	26938.0	25359.9	21195.0	20149.9	20818.8	22062.5	22736.6	21994.6	22219.3	25464.4
45°	26697.6	26713.3	24743.2	21257.8	20630.7	21780.3	22893.4	24032.5	22689.6	22072.9	25809.3
47.5°	26086.2	25908.5	24220.7	20792.7	22130.4	24320.0	25349.4	26039.2	23546.6	21759.4	25380.8
50°	24879.1	24675.3	22950.8	20594.1	22444.0	25898.1	27319.5	27570.3	24325.2	21451.1	24957.5
52.5°	24962.7	24905.2	23311.4	20892.0	22757.5	26394.5	28672.9	28735.6	25208.3	22099.1	24962.7
55°	26457.2	26258.7	24346.1	21263.0	22527.6	25814.5	27810.7	27700.9	24910.4	21707.2	25422.6
57.5°	24210.2	24340.9	22914.3	19794.6	19716.2	20986.0	21863.9	21592.2	20787.4	19590.8	23651.1
60°	19533.3	19904.3	20040.2	16554.7	14877.3	14224.1	13962.8	13482.1	13617.9	16094.9	20777.0
62.5°	16753.3	16732.4	17584.2	15007.9	9745.7	8381.9	8256.5	8366.2	9933.9	15844.0	20348.5
65°	13283.5	13638.8	13900.1	12719.1	7713.0	6223.7	6218.5	6913.5	8596.1	13241.7	16429.3
67.5°	8434.1	8899.2	9223.2	8136.3	5157.7	4431.3	4311.1	5147.2	5957.2	8685.0	9892.1
70°	4755.3	4974.8	5121.1	4692.6	3281.7	2299.3	2163.4	2362.0	3600.4	5622.7	5863.1
72.5°	1834.2	1933.5	2132.0	2147.7	1238.5	742.0	600.9	721.1	1515.4	2226.1	2121.6
75°	282.2	303.1	428.5	512.1	355.3	271.7	287.4	297.9	423.3	574.8	480.8
77.5°	135.9	135.9	130.6	151.5	177.7	193.3	209.0	229.9	250.8	277.0	266.5
80°	88.8	88.8	88.8	104.5	130.6	156.8	177.7	188.1	198.6	219.5	209.0
82.5°	57.5	57.5	57.5	78.4	104.5	130.6	141.1	167.2	188.1	219.5	203.8
85°	31.4	31.4	31.4	52.3	78.4	109.7	104.5	83.6	47.0	5.2	10.5
87.5°	10.5	10.5	10.5	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2
2.5°	16429.3	16188.9	16168.0	15676.8	15237.9	15023.6	14851.2	14370.4	14474.9	14198.0	14192.7
5°	15635.0	15143.8	14349.5	13696.3	13043.1	12912.5	12342.9	11846.4	11862.1	11506.8	11569.5
7.5°	14208.4	13868.7	12902.0	11877.8	11010.3	10393.7	9855.5	9531.5	9118.7	8977.6	8904.4
10°	13304.4	12886.3	11799.4	10513.9	9542.0	9212.7	8695.4	8408.0	7984.7	7775.7	7629.4
12.5°	12907.2	12295.8	10937.2	9630.8	8982.8	8643.1	8204.2	7681.6	7180.0	6986.6	6720.1
15°	12949.0	12217.5	10686.4	9275.4	8496.8	7838.4	7446.5	6866.4	6354.3	6014.7	5821.3
17.5°	13581.3	12693.0	10801.3	9003.7	7885.4	7059.8	6291.6	5664.6	5257.0	5000.9	4938.2
20°	15075.9	13868.7	10994.7	8564.8	7274.0	6244.6	5298.8	4645.6	4332.0	4326.8	4332.0
22.5°	16319.6	15122.9	11386.6	8303.5	6662.6	5199.5	4258.9	4049.8	3987.1	4117.8	4133.5
25°	17997.0	16533.8	12060.7	8167.6	6098.3	4431.3	3851.3	3772.9	3767.7	3934.9	3940.1
27.5°	19716.2	17767.0	12463.1	7770.5	5523.5	4034.2	3605.7	3590.0	3673.6	3851.3	3835.6
30°	20886.7	18801.7	13189.4	7294.9	4844.1	3684.0	3506.4	3527.3	3642.2	3778.1	3799.0
32.5°	22250.6	19820.7	13377.5	7033.7	4426.1	3391.4	3266.0	3313.0	3459.3	3673.6	3788.6
35°	23813.1	20541.8	13665.0	6678.3	4269.3	3166.7	3104.0	3156.3	3333.9	3475.0	3600.4
37.5°	24967.9	21816.9	13717.2	6401.4	4096.9	3041.3	2942.0	3114.5	3219.0	3417.5	3480.3
40°	25824.9	22741.8	13853.1	6228.9	3961.0	2879.3	2879.3	2994.3	3135.4	3318.3	3443.7
42.5°	26373.6	23415.9	13952.4	6072.2	3699.7	2832.3	2806.1	2921.1	3109.2	3286.9	3344.4
44°	26708.1	23703.3	13853.1	5925.8	3626.6	2774.8	2774.8	2874.1	3020.4	3229.4	3297.4
45°	26791.7	24063.9	13633.6	5920.6	3537.7	2706.9	2696.4	2884.5	2983.8	3239.9	3281.7
47.5°	27115.7	24508.1	13659.7	5753.4	3323.5	2544.9	2727.8	2811.4	2900.2	3124.9	3266.0
50°	27105.2	24785.0	13602.2	5507.8	3166.7	2362.0	2665.1	2759.1	2848.0	3077.9	3135.4
52.5°	27178.4	25819.7	14130.0	5115.9	2884.5	2126.8	2456.0	2665.1	2774.8	2968.1	3088.3
55°	27141.8	26410.2	14652.6	4823.2	2487.4	1985.7	2278.4	2524.0	2680.7	2884.5	2942.0
57.5°	24790.3	23342.8	13560.4	4274.5	2058.9	1818.5	2027.5	2377.6	2576.2	2785.2	2858.4
60°	20254.4	17991.8	11182.8	3145.8	1693.1	1672.2	1886.4	2330.6	2414.2	2597.1	2722.5
62.5°	18718.1	15781.3	8867.8	2403.8	1447.5	1531.1	1740.1	2105.9	2236.6	2461.3	2576.2
65°	14647.4	10482.6	5492.1	1625.2	1275.0	1374.3	1572.9	1844.6	2058.9	2267.9	2403.8
67.5°	8674.5	5727.3	2717.3	1139.2	1113.1	1217.6	1421.4	1625.2	1870.8	2100.7	2168.6
70°	4723.9	2816.6	1160.1	867.5	945.8	1039.9	1238.5	1379.6	1614.7	1792.4	1907.3
72.5°	1515.4	857.0	580.0	642.7	721.1	830.9	951.1	1123.5	1290.7	1395.2	1489.3
75°	365.8	360.6	412.8	449.4	522.6	606.2	705.5	794.3	924.9	1024.2	1107.8
77.5°	256.1	277.0	318.8	371.0	397.1	428.5	491.2	559.1	616.6	689.8	742.0
80°	198.6	214.2	245.6	271.7	297.9	324.0	355.3	381.5	418.0	465.1	491.2
82.5°	188.1	198.6	229.9	245.6	235.2	229.9	250.8	261.3	266.5	282.2	297.9
85°	15.7	0.0	10.5	36.6	88.8	130.6	141.1	141.1	135.9	146.3	146.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	20.9	15.7
90°	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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2
2.5°	14130.0	13952.4	14020.3	14103.9	13983.7	13706.8	13779.9	13748.6	14030.7	14009.8	14292.0
5°	11846.4	11569.5	11600.8	12008.4	11877.8	12018.9	11736.7	11700.1	11752.4	11778.5	11825.5
7.5°	9066.4	9029.8	9343.4	9688.3	9850.3	9683.0	9406.1	9343.4	9285.9	9170.9	9432.2
10°	7399.5	7409.9	7389.0	7650.3	7833.2	7796.6	7629.4	7608.5	7498.7	7456.9	7603.3
12.5°	6605.2	6464.1	6396.1	6312.5	6453.6	6547.7	6474.5	6422.3	6427.5	6479.7	6500.6
15°	5837.0	5748.2	5601.8	5507.8	5575.7	5528.7	5502.6	5607.1	5580.9	5570.5	5695.9
17.5°	4974.8	5047.9	5037.5	4933.0	5021.8	4985.2	4980.0	4906.8	4807.6	4734.4	4776.2
20°	4405.2	4541.0	4645.6	4650.8	4697.8	4692.6	4614.2	4389.5	4316.3	4300.7	4311.1
22.5°	4201.4	4274.5	4400.0	4577.6	4577.6	4494.0	4400.0	4138.7	4070.7	3997.6	3966.2
25°	4039.4	4180.5	4342.5	4363.4	4447.0	4368.6	4217.1	4086.4	3945.3	3846.0	3846.0
27.5°	3955.8	4112.5	4232.7	4269.3	4384.3	4321.6	4164.8	3997.6	3830.4	3825.1	3736.3
30°	3919.2	4065.5	4143.9	4232.7	4285.0	4185.7	4138.7	3961.0	3793.8	3752.0	3605.7
32.5°	3809.5	4018.5	4164.8	4143.9	4185.7	4143.9	4076.0	3929.7	3741.5	3647.5	3631.8
35°	3684.0	3893.1	4049.8	4159.6	4185.7	4096.9	4055.1	3856.5	3600.4	3553.4	3391.4
37.5°	3616.1	3741.5	3934.9	4112.5	4149.1	4102.1	3961.0	3757.2	3501.2	3448.9	3307.8
40°	3532.5	3694.5	3846.0	3992.4	4102.1	3987.1	3825.1	3626.6	3511.6	3354.8	3313.0
42.5°	3469.8	3652.7	3778.1	3940.1	4065.5	3914.0	3725.9	3590.0	3428.0	3323.5	3203.3
44°	3448.9	3616.1	3699.7	3898.3	4002.8	3887.8	3731.1	3590.0	3401.9	3307.8	3203.3
45°	3375.7	3605.7	3694.5	3872.2	3961.0	3866.9	3668.4	3527.3	3391.4	3276.5	3166.7
47.5°	3302.6	3459.3	3610.9	3752.0	3814.7	3783.3	3616.1	3443.7	3281.7	3213.7	3109.2
50°	3281.7	3438.4	3579.5	3710.2	3783.3	3720.6	3569.1	3401.9	3213.7	3104.0	3015.2
52.5°	3177.2	3370.5	3527.3	3569.1	3663.1	3626.6	3511.6	3328.7	3151.0	3057.0	2983.8
55°	3025.6	3229.4	3443.7	3495.9	3631.8	3574.3	3401.9	3229.4	3077.9	2936.8	2842.7
57.5°	2968.1	3166.7	3375.7	3443.7	3527.3	3433.2	3391.4	3208.5	2968.1	2895.0	2748.7
60°	2821.8	3072.7	3245.1	3401.9	3407.1	3381.0	3307.8	3098.8	2900.2	2764.3	2659.8
62.5°	2706.9	2942.0	3077.9	3224.2	3313.0	3239.9	3166.7	2973.4	2759.1	2607.6	2487.4
65°	2539.6	2753.9	2868.9	2957.7	3057.0	3046.5	2921.1	2780.0	2555.3	2435.1	2320.2
67.5°	2283.6	2471.7	2628.5	2712.1	2774.8	2759.1	2665.1	2565.8	2335.8	2215.7	2132.0
70°	1975.3	2168.6	2267.9	2314.9	2377.6	2409.0	2335.8	2288.8	2085.0	1928.2	1849.9
72.5°	1588.6	1714.0	1860.3	1902.1	1928.2	1949.1	1949.1	1907.3	1698.3	1635.6	1499.7
75°	1170.5	1269.8	1379.6	1379.6	1426.6	1431.8	1442.3	1416.1	1259.4	1175.8	1144.4
77.5°	794.3	867.5	956.3	992.9	1024.2	1019.0	1013.8	940.6	857.0	820.4	789.1
80°	517.3	590.5	632.3	679.3	710.7	705.5	715.9	663.7	627.1	564.4	574.8
82.5°	308.3	365.8	407.6	465.1	465.1	480.8	480.8	465.1	428.5	397.1	397.1
85°	146.3	193.3	219.5	256.1	277.0	282.2	250.8	214.2	177.7	162.0	177.7
87.5°	26.1	36.6	52.3	47.0	57.5	52.3	52.3	52.3	52.3	41.8	47.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P533826

CATALOG NUMBER: GLAN-SA9B-735-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2	15964.2
2.5°	14187.5	14448.8	14631.7	14934.8	15457.3	15875.4	16303.9	16622.6	16659.2	16753.3
5°	11998.0	12139.1	12604.2	13210.3	13638.8	14344.3	14798.9	15624.6	15932.9	16262.1
7.5°	9369.5	9599.4	10221.3	10628.9	11569.5	12452.6	13367.1	14386.1	14793.7	14840.7
10°	7901.1	8235.5	8658.8	9312.0	9824.1	10806.5	11945.7	13079.7	13534.3	13612.7
12.5°	6939.6	7368.1	7932.5	8402.8	8894.0	9751.0	10843.1	12243.6	12834.1	13189.4
15°	6014.7	6458.8	7080.7	7733.9	8167.6	9191.8	10477.3	12055.5	12823.6	13137.2
17.5°	5063.6	5476.4	5988.5	6694.0	7566.7	8716.3	10419.9	12682.5	13523.9	13889.7
20°	4248.4	4478.3	5074.1	5800.4	6892.6	8230.3	10440.8	13607.5	14840.7	15002.7
22.5°	3929.7	3981.9	4217.1	4885.9	6082.6	7733.9	10811.8	14919.1	16319.6	16852.6
25°	3684.0	3673.6	3736.3	4185.7	5492.1	7540.5	11177.6	16126.2	17960.4	18540.4
27.5°	3548.2	3443.7	3448.9	3872.2	5074.1	7227.0	11647.9	17511.0	19820.7	20076.8
30°	3480.3	3459.3	3396.6	3569.1	4619.4	6756.7	11726.3	18874.9	20918.1	21289.1
32.5°	3438.4	3234.6	3156.3	3219.0	4190.9	6244.6	12018.9	19773.7	22276.7	22114.8
35°	3229.4	3046.5	2994.3	3057.0	3887.8	5957.2	11825.5	20557.5	23295.7	23567.5
37.5°	3151.0	2989.0	2884.5	2832.3	3605.7	5716.8	11726.3	21764.6	24283.4	24936.6
40°	3077.9	2905.4	2780.0	2727.8	3386.2	5398.0	11694.9	22694.8	25422.6	25814.5
42.5°	2994.3	2884.5	2743.4	2649.4	3119.7	5079.3	11334.3	22982.2	25772.7	26195.9
44°	2968.1	2800.9	2654.6	2623.3	3015.2	4917.3	11261.2	23243.5	26075.8	26718.5
45°	2942.0	2785.2	2618.0	2576.2	2978.6	4828.5	11161.9	23306.2	26577.4	26697.6
47.5°	2868.9	2769.6	2607.6	2492.6	2900.2	4635.1	10864.0	22950.8	26065.3	26086.2
50°	2811.4	2696.4	2529.2	2304.5	2795.7	4473.1	10999.9	22820.2	24832.1	24879.1
52.5°	2748.7	2576.2	2482.2	2095.5	2623.3	4337.3	11287.3	23410.7	24973.2	24962.7
55°	2675.5	2487.4	2257.5	1917.8	2335.8	4164.8	11982.3	24576.0	26279.6	26457.2
57.5°	2560.5	2398.6	2069.3	1761.0	2006.6	3835.6	11757.6	22344.7	24178.9	24210.2
60°	2409.0	2257.5	1876.0	1640.8	1646.1	3025.6	10513.9	17411.7	19078.7	19533.3
62.5°	2262.7	2179.1	1714.0	1468.4	1400.5	2409.0	8888.8	14469.7	16377.0	16753.3
65°	2090.2	1886.4	1572.9	1337.8	1201.9	1687.9	6296.9	10811.8	12776.6	13283.5
67.5°	1870.8	1651.3	1384.8	1175.8	1029.4	1128.7	3250.3	6145.3	8136.3	8434.1
70°	1635.6	1431.8	1165.3	992.9	830.9	778.6	1431.8	2931.6	4447.0	4755.3
72.5°	1343.0	1154.9	930.2	783.8	621.8	538.2	480.8	783.8	1578.1	1834.2
75°	972.0	841.3	700.2	559.1	439.0	344.9	282.2	235.2	261.3	282.2
77.5°	715.9	611.4	517.3	397.1	308.3	245.6	193.3	146.3	141.1	135.9
80°	559.1	496.4	412.8	318.8	240.4	182.9	135.9	99.3	88.8	88.8
82.5°	439.0	407.6	339.7	261.3	198.6	146.3	99.3	67.9	57.5	57.5
85°	167.2	167.2	245.6	214.2	151.5	104.5	67.9	36.6	31.4	31.4
87.5°	41.8	41.8	41.8	41.8	36.6	31.4	31.4	15.7	10.5	10.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)