

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: P532838

Luminaire Tested: **GLAN-SA8B-727-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P532838
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-SA8B-727-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 2700K, 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: 28619 lumens
Efficiency: N/A
Efficacy: 88.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G3

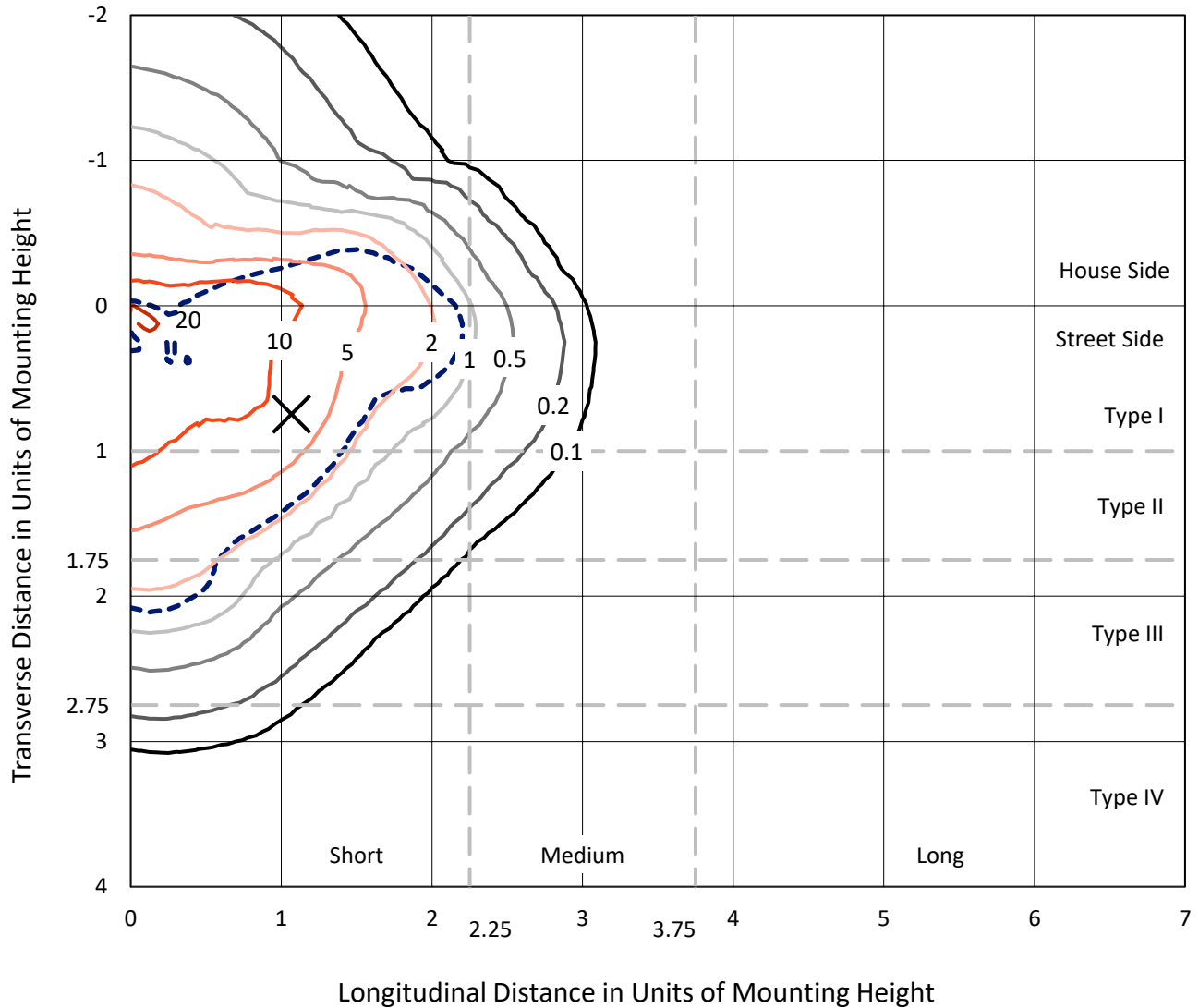
Input Watts (W): 325
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

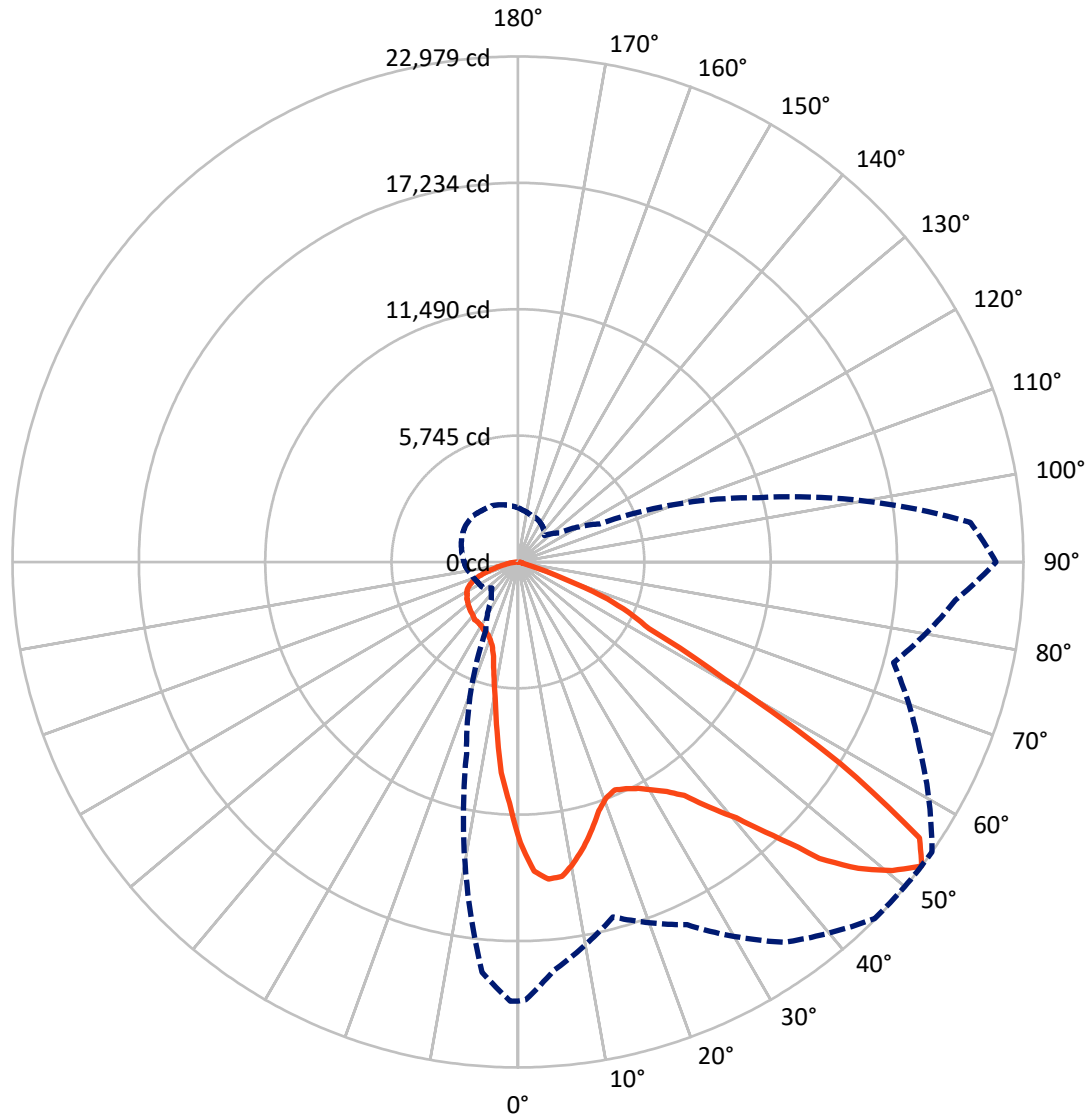
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 21.7 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

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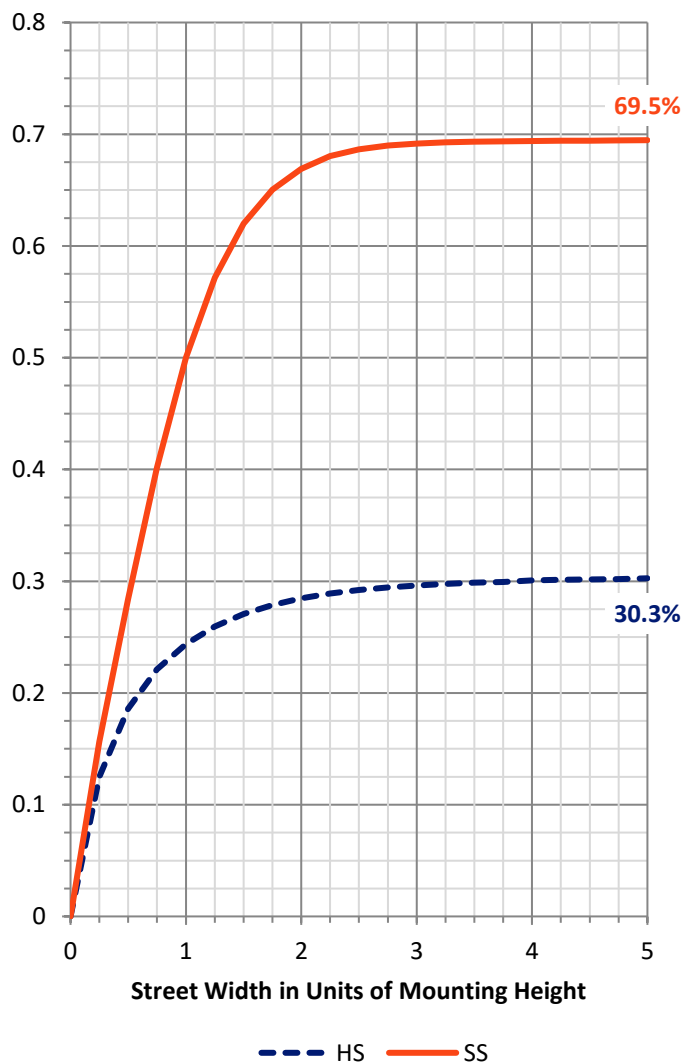
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8730.4	0.0	8730.4
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	19888.7	0.0	19888.7
	% Fixture	69.5	0.0	69.5
Total	Lumens	28619.0	0.0	28619.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	975.3	3.4
10°-20°	2102.9	7.3
20°-30°	3188.7	11.1
30°-40°	4607.2	16.1
40°-50°	6156.5	21.5
50°-60°	6872.0	24.0
60°-70°	3769.6	13.2
70°-80°	815.0	2.8
80°-90°	131.8	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°	28619.0	100.0
0°-180°	28619.0	100.0

Coefficient of Utilization



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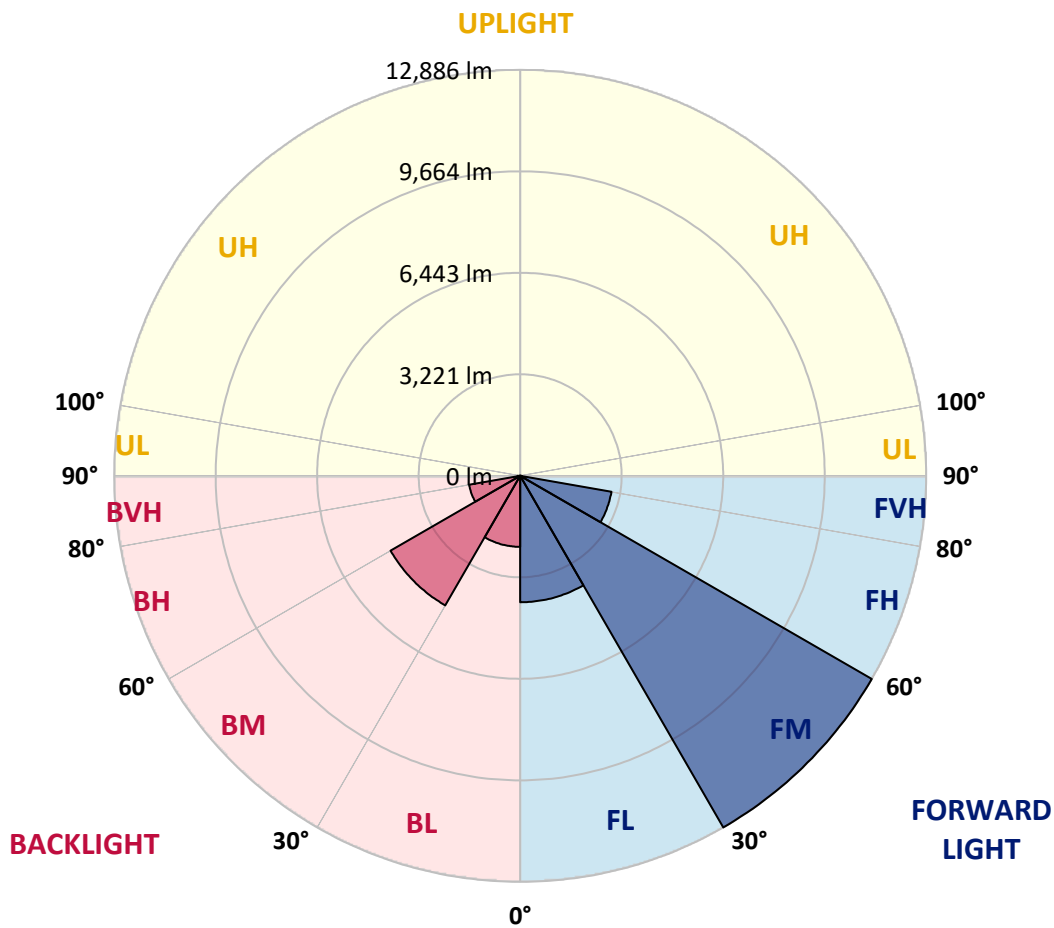
CATALOG NUMBER: GLAN-SA8B-727-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4012.9	14.0			
FM (30°-60°)	12885.6	45.0			
FH (60°-80°)	2941.3	10.3			G2/5000
FVH (80°-90°)	48.8	0.2			G1/100
BL (0°-30°)	2254.0	7.9	B3/2500		
BM (30°-60°)	4750.0	16.6	B3/5000		
BH (60°-80°)	1643.3	5.7	B3/2500		G3/2500
BVH (80°-90°)	83.0	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3
2.5°	13397.3	13322.1	13388.9	13706.5	13890.4	14015.8	14095.2	14082.6	13781.7	13489.2	13489.2
5°	13004.5	12908.4	13046.3	13765.0	14488.0	14550.6	14655.1	14483.8	14040.8	13505.9	12837.3
7.5°	11867.8	11938.9	12168.7	13113.1	14053.4	14525.6	14650.9	14433.6	13714.9	12716.1	11734.1
10°	10885.8	11053.0	11583.7	12603.3	13468.3	14082.6	14220.5	13915.5	13347.1	12122.7	11245.2
12.5°	10547.3	10442.9	11032.1	12051.7	12879.1	13209.2	13271.9	13292.8	12908.4	11821.9	10752.1
15°	10505.5	10572.4	11032.1	11805.2	12315.0	12331.7	12436.2	12599.1	12649.3	12026.6	10981.9
17.5°	11107.3	11027.9	11500.1	12114.4	11872.0	11629.6	11654.7	11888.7	12302.4	12202.1	11704.9
20°	11997.4	12177.1	12549.0	12486.3	11834.4	11220.1	11224.3	11445.8	12260.7	12929.3	12712.0
22.5°	13476.7	13652.2	13928.0	13171.6	11834.4	11098.9	10956.9	11257.7	12528.1	13794.3	13848.6
25°	14826.4	15148.2	15223.4	14333.3	12427.8	11211.8	11119.8	11416.5	12795.5	14638.4	15152.4
27.5°	16055.0	16172.0	16502.2	15081.4	12757.9	11287.0	11278.6	11658.9	13134.0	15060.5	16318.3
30°	17024.5	17012.0	17200.0	15553.6	13284.5	11709.0	11303.7	12022.5	13577.0	15758.3	17396.4
32.5°	17684.8	17826.8	18223.8	16209.6	13505.9	12110.2	11792.6	12448.7	14116.0	16088.4	18157.0
35°	18846.5	19093.0	18591.6	16573.2	14208.0	12507.2	12135.3	13029.6	14383.5	16447.8	19088.8
37.5°	19941.3	19753.3	19243.5	16769.6	14663.5	13242.7	12895.8	14153.7	15215.1	17229.3	19707.3
40°	20643.4	20639.2	19732.4	16928.4	14985.2	14366.8	14345.9	15294.5	16234.7	17722.4	20401.0
42.5°	20948.4	21240.9	19933.0	16911.7	15662.2	15729.1	16151.1	16999.4	16957.6	17822.7	20384.3
44°	21366.3	21541.8	20279.8	16949.3	16113.5	16648.4	17643.0	18182.0	17588.6	17768.3	20363.4
45°	21349.6	21362.1	19786.7	16999.4	16498.0	17417.3	18307.4	19218.4	18144.4	17651.3	20639.2
47.5°	20860.7	20718.6	19368.8	16627.5	17697.3	19448.2	20271.4	20823.0	18829.8	17400.6	20296.5
50°	19895.4	19732.4	18353.4	16468.7	17948.0	20710.2	21846.9	22047.4	19452.4	17154.0	19958.0
52.5°	19962.2	19916.2	18641.7	16706.9	18198.8	21107.2	22929.2	22979.3	20158.6	17672.2	19962.2
55°	21157.4	20998.6	19469.1	17003.6	18014.9	20643.4	22239.7	22151.9	19920.4	17358.8	20329.9
57.5°	19360.5	19464.9	18324.1	15829.4	15766.7	16782.1	17484.2	17266.9	16623.3	15666.4	18913.3
60°	15620.4	15917.1	16025.8	13238.5	11897.1	11374.7	11165.8	10781.3	10890.0	12870.8	16615.0
62.5°	13397.3	13380.6	14061.7	12001.6	7793.5	6702.8	6602.5	6690.3	7943.9	12670.2	16272.3
65°	10622.6	10906.7	11115.7	10171.2	6167.9	4977.0	4972.8	5528.6	6874.2	10589.1	13138.2
67.5°	6744.6	7116.5	7375.6	6506.4	4124.5	3543.6	3447.5	4116.1	4763.9	6945.2	7910.5
70°	3802.7	3978.2	4095.2	3752.6	2624.3	1838.7	1730.0	1888.8	2879.2	4496.4	4688.6
72.5°	1466.8	1546.2	1705.0	1717.5	990.4	593.4	480.6	576.7	1211.9	1780.2	1696.6
75°	225.7	242.4	342.7	409.5	284.2	217.3	229.8	238.2	338.5	459.7	384.5
77.5°	108.6	108.6	104.5	121.2	142.1	154.6	167.2	183.9	200.6	221.5	213.1
80°	71.0	71.0	71.0	83.6	104.5	125.4	142.1	150.4	158.8	175.5	167.2
82.5°	46.0	46.0	46.0	62.7	83.6	104.5	112.8	133.7	150.4	175.5	163.0
85°	25.1	25.1	25.1	41.8	62.7	87.8	83.6	66.9	37.6	4.2	8.4
87.5°	8.4	8.4	8.4	8.4	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°	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3
2.5°	13138.2	12946.0	12929.3	12536.5	12185.4	12014.1	11876.2	11491.7	11575.3	11353.8	11349.7
5°	12503.0	12110.2	11475.0	10952.7	10430.3	10325.9	9870.4	9473.4	9485.9	9201.8	9251.9
7.5°	11362.2	11090.6	10317.5	9498.5	8804.8	8311.7	7881.3	7622.2	7292.0	7179.2	7120.7
10°	10639.3	10305.0	9435.8	8407.8	7630.5	7367.3	6953.6	6723.7	6385.2	6218.1	6101.1
12.5°	10321.7	9832.8	8746.3	7701.6	7183.4	6911.8	6560.7	6142.9	5741.7	5587.1	5374.0
15°	10355.1	9770.1	8545.7	7417.4	6794.8	6268.2	5954.8	5491.0	5081.4	4809.8	4655.2
17.5°	10860.7	10150.3	8637.6	7200.1	6305.8	5645.6	5031.3	4529.8	4203.9	3999.1	3949.0
20°	12055.9	11090.6	8792.2	6849.1	5816.9	4993.7	4237.3	3715.0	3464.2	3460.1	3464.2
22.5°	13050.4	12093.5	9105.6	6640.1	5328.0	4157.9	3405.7	3238.6	3188.4	3292.9	3305.4
25°	14391.8	13221.8	9644.7	6531.5	4876.7	3543.6	3079.8	3017.1	3012.9	3146.6	3150.8
27.5°	15766.7	14208.0	9966.5	6213.9	4417.0	3226.0	2883.4	2870.8	2937.7	3079.8	3067.3
30°	16702.7	15035.4	10547.3	5833.6	3873.8	2946.1	2804.0	2820.7	2912.6	3021.3	3038.0
32.5°	17793.4	15850.3	10697.8	5624.7	3539.5	2712.1	2611.8	2649.4	2766.4	2937.7	3029.6
35°	19042.9	16426.9	10927.6	5340.5	3414.1	2532.4	2482.2	2524.0	2666.1	2778.9	2879.2
37.5°	19966.4	17446.6	10969.4	5119.1	3276.2	2432.1	2352.7	2490.6	2574.2	2732.9	2783.1
40°	20651.7	18186.2	11078.0	4981.2	3167.5	2302.5	2302.5	2394.5	2507.3	2653.5	2753.8
42.5°	21090.5	18725.3	11157.4	4855.8	2958.6	2264.9	2244.0	2336.0	2486.4	2628.5	2674.4
44°	21357.9	18955.1	11078.0	4738.8	2900.1	2219.0	2219.0	2298.3	2415.4	2582.5	2636.8
45°	21424.8	19243.5	10902.5	4734.6	2829.1	2164.6	2156.3	2306.7	2386.1	2590.9	2624.3
47.5°	21683.9	19598.7	10923.4	4600.9	2657.7	2035.1	2181.3	2248.2	2319.2	2498.9	2611.8
50°	21675.5	19820.1	10877.5	4404.5	2532.4	1888.8	2131.2	2206.4	2277.5	2461.3	2507.3
52.5°	21734.0	20647.5	11299.5	4091.1	2306.7	1700.8	1964.0	2131.2	2219.0	2373.6	2469.7
55°	21704.8	21119.7	11717.4	3857.0	1989.1	1588.0	1822.0	2018.4	2143.7	2306.7	2352.7
57.5°	19824.3	18666.8	10844.0	3418.3	1646.5	1454.2	1621.4	1901.4	2060.2	2227.3	2285.8
60°	16197.1	14387.7	8942.7	2515.6	1353.9	1337.2	1508.6	1863.8	1930.6	2076.9	2177.2
62.5°	14968.5	12620.0	7091.5	1922.3	1157.5	1224.4	1391.5	1684.1	1788.5	1968.2	2060.2
65°	11713.2	8382.7	4391.9	1299.6	1019.6	1099.0	1257.8	1475.1	1646.5	1813.6	1922.3
67.5°	6936.8	4580.0	2173.0	911.0	890.1	973.7	1136.6	1299.6	1496.0	1679.9	1734.2
70°	3777.7	2252.4	927.7	693.7	756.4	831.6	990.4	1103.2	1291.3	1433.3	1525.3
72.5°	1211.9	685.3	463.8	514.0	576.7	664.4	760.5	898.4	1032.2	1115.7	1191.0
75°	292.5	288.3	330.1	359.4	417.9	484.7	564.1	635.2	739.7	819.0	885.9
77.5°	204.8	221.5	254.9	296.7	317.6	342.7	392.8	447.1	493.1	551.6	593.4
80°	158.8	171.3	196.4	217.3	238.2	259.1	284.2	305.1	334.3	371.9	392.8
82.5°	150.4	158.8	183.9	196.4	188.0	183.9	200.6	208.9	213.1	225.7	238.2
85°	12.5	0.0	8.4	29.3	71.0	104.5	112.8	112.8	108.6	117.0	117.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	16.7	12.5
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°	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3
2.5°	11299.5	11157.4	11211.8	11278.6	11182.5	10961.0	11019.5	10994.5	11220.1	11203.4	11429.1
5°	9473.4	9251.9	9277.0	9602.9	9498.5	9611.3	9385.6	9356.4	9398.2	9419.1	9456.7
7.5°	7250.2	7221.0	7471.7	7747.5	7877.1	7743.3	7521.9	7471.7	7425.8	7333.8	7542.8
10°	5917.2	5925.6	5908.8	6117.8	6264.0	6234.8	6101.1	6084.4	5996.6	5963.2	6080.2
12.5°	5282.0	5169.2	5114.9	5048.0	5160.8	5236.1	5177.6	5135.8	5139.9	5181.7	5198.4
15°	4667.7	4596.7	4479.7	4404.5	4458.8	4421.2	4400.3	4483.9	4463.0	4454.6	4554.9
17.5°	3978.2	4036.7	4028.4	3944.8	4015.8	3986.6	3982.4	3923.9	3844.5	3786.0	3819.4
20°	3522.7	3631.4	3715.0	3719.1	3756.8	3752.6	3689.9	3510.2	3451.7	3439.2	3447.5
22.5°	3359.8	3418.3	3518.6	3660.6	3660.6	3593.8	3518.6	3309.6	3255.3	3196.8	3171.7
25°	3230.2	3343.1	3472.6	3489.3	3556.2	3493.5	3372.3	3267.8	3155.0	3075.6	3075.6
27.5°	3163.4	3288.7	3384.8	3414.1	3506.0	3455.9	3330.5	3196.8	3063.1	3058.9	2987.9
30°	3134.1	3251.1	3313.8	3384.8	3426.6	3347.2	3309.6	3167.5	3033.8	3000.4	2883.4
32.5°	3046.4	3213.5	3330.5	3313.8	3347.2	3313.8	3259.5	3142.5	2992.0	2916.8	2904.3
35°	2946.1	3113.2	3238.6	3326.3	3347.2	3276.2	3242.8	3084.0	2879.2	2841.6	2712.1
37.5°	2891.7	2992.0	3146.6	3288.7	3318.0	3280.4	3167.5	3004.6	2799.8	2758.0	2645.2
40°	2824.9	2954.4	3075.6	3192.6	3280.4	3188.4	3058.9	2900.1	2808.2	2682.8	2649.4
42.5°	2774.7	2921.0	3021.3	3150.8	3251.1	3129.9	2979.5	2870.8	2741.3	2657.7	2561.6
44°	2758.0	2891.7	2958.6	3117.4	3201.0	3109.0	2983.7	2870.8	2720.4	2645.2	2561.6
45°	2699.5	2883.4	2954.4	3096.5	3167.5	3092.3	2933.5	2820.7	2712.1	2620.1	2532.4
47.5°	2641.0	2766.4	2887.6	3000.4	3050.5	3025.5	2891.7	2753.8	2624.3	2570.0	2486.4
50°	2624.3	2749.7	2862.5	2967.0	3025.5	2975.3	2854.1	2720.4	2570.0	2482.2	2411.2
52.5°	2540.7	2695.3	2820.7	2854.1	2929.4	2900.1	2808.2	2661.9	2519.8	2444.6	2386.1
55°	2419.5	2582.5	2753.8	2795.6	2904.3	2858.3	2720.4	2582.5	2461.3	2348.5	2273.3
57.5°	2373.6	2532.4	2699.5	2753.8	2820.7	2745.5	2712.1	2565.8	2373.6	2315.1	2198.1
60°	2256.6	2457.1	2595.0	2720.4	2724.6	2703.7	2645.2	2478.0	2319.2	2210.6	2127.0
62.5°	2164.6	2352.7	2461.3	2578.3	2649.4	2590.9	2532.4	2377.7	2206.4	2085.2	1989.1
65°	2030.9	2202.2	2294.2	2365.2	2444.6	2436.3	2336.0	2223.1	2043.4	1947.3	1855.4
67.5°	1826.1	1976.6	2101.9	2168.8	2219.0	2206.4	2131.2	2051.8	1867.9	1771.8	1705.0
70°	1579.6	1734.2	1813.6	1851.2	1901.4	1926.4	1867.9	1830.3	1667.3	1542.0	1479.3
72.5°	1270.4	1370.7	1487.7	1521.1	1542.0	1558.7	1558.7	1525.3	1358.1	1308.0	1199.3
75°	936.1	1015.5	1103.2	1103.2	1140.8	1145.0	1153.4	1132.5	1007.1	940.2	915.2
77.5°	635.2	693.7	764.7	794.0	819.0	814.9	810.7	752.2	685.3	656.1	631.0
80°	413.7	472.2	505.6	543.2	568.3	564.1	572.5	530.7	501.5	451.3	459.7
82.5°	246.6	292.5	325.9	371.9	371.9	384.5	384.5	371.9	342.7	317.6	317.6
85°	117.0	154.6	175.5	204.8	221.5	225.7	200.6	171.3	142.1	129.5	142.1
87.5°	20.9	29.3	41.8	37.6	46.0	41.8	41.8	41.8	41.8	33.4	37.6
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: P532838

CATALOG NUMBER: GLAN-SA8B-727-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3	12766.3
2.5°	11345.5	11554.4	11700.7	11943.1	12360.9	12695.2	13037.9	13292.8	13322.1	13397.3
5°	9594.6	9707.4	10079.3	10564.1	10906.7	11470.9	11834.4	12494.7	12741.2	13004.5
7.5°	7492.6	7676.5	8173.8	8499.7	9251.9	9958.1	10689.4	11504.3	11830.2	11867.8
10°	6318.4	6585.8	6924.3	7446.7	7856.2	8641.8	9552.8	10459.6	10823.1	10885.8
12.5°	5549.5	5892.1	6343.4	6719.5	7112.3	7797.7	8671.0	9791.0	10263.2	10547.3
15°	4809.8	5165.0	5662.3	6184.7	6531.5	7350.5	8378.5	9640.5	10254.8	10505.5
17.5°	4049.3	4379.4	4788.9	5353.1	6050.9	6970.3	8332.6	10142.0	10814.8	11107.3
20°	3397.4	3581.2	4057.6	4638.5	5511.9	6581.6	8349.3	10881.6	11867.8	11997.4
22.5°	3142.5	3184.3	3372.3	3907.2	4864.1	6184.7	8646.0	11930.5	13050.4	13476.7
25°	2946.1	2937.7	2987.9	3347.2	4391.9	6030.0	8938.5	12895.8	14362.6	14826.4
27.5°	2837.4	2753.8	2758.0	3096.5	4057.6	5779.3	9314.6	14003.2	15850.3	16055.0
30°	2783.1	2766.4	2716.2	2854.1	3694.1	5403.2	9377.3	15093.9	16727.8	17024.5
32.5°	2749.7	2586.7	2524.0	2574.2	3351.4	4993.7	9611.3	15812.6	17814.3	17684.8
35°	2582.5	2436.3	2394.5	2444.6	3109.0	4763.9	9456.7	16439.5	18629.2	18846.5
37.5°	2519.8	2390.3	2306.7	2264.9	2883.4	4571.6	9377.3	17404.8	19419.0	19941.3
40°	2461.3	2323.4	2223.1	2181.3	2707.9	4316.7	9352.2	18148.6	20329.9	20643.4
42.5°	2394.5	2306.7	2193.9	2118.7	2494.8	4061.8	9063.9	18378.4	20609.9	20948.4
44°	2373.6	2239.8	2122.8	2097.8	2411.2	3932.3	9005.4	18587.4	20852.3	21366.3
45°	2352.7	2227.3	2093.6	2060.2	2381.9	3861.2	8926.0	18637.5	21253.5	21349.6
47.5°	2294.2	2214.8	2085.2	1993.3	2319.2	3706.6	8687.8	18353.4	20843.9	20860.7
50°	2248.2	2156.3	2022.5	1842.9	2235.7	3577.1	8796.4	18248.9	19857.7	19895.4
52.5°	2198.1	2060.2	1984.9	1675.7	2097.8	3468.4	9026.2	18721.1	19970.6	19962.2
55°	2139.6	1989.1	1805.2	1533.6	1867.9	3330.5	9582.0	19653.0	21015.3	21157.4
57.5°	2047.6	1918.1	1654.8	1408.3	1604.7	3067.3	9402.3	17868.6	19335.4	19360.5
60°	1926.4	1805.2	1500.2	1312.1	1316.3	2419.5	8407.8	13923.8	15256.9	15620.4
62.5°	1809.4	1742.6	1370.7	1174.2	1119.9	1926.4	7108.2	11571.1	13096.4	13397.3
65°	1671.5	1508.6	1257.8	1069.8	961.1	1349.8	5035.5	8646.0	10217.2	10622.6
67.5°	1496.0	1320.5	1107.4	940.2	823.2	902.6	2599.2	4914.3	6506.4	6744.6
70°	1308.0	1145.0	931.9	794.0	664.4	622.6	1145.0	2344.3	3556.2	3802.7
72.5°	1074.0	923.5	743.8	626.8	497.3	430.4	384.5	626.8	1262.0	1466.8
75°	777.3	672.8	560.0	447.1	351.0	275.8	225.7	188.0	208.9	225.7
77.5°	572.5	488.9	413.7	317.6	246.6	196.4	154.6	117.0	112.8	108.6
80°	447.1	397.0	330.1	254.9	192.2	146.3	108.6	79.4	71.0	71.0
82.5°	351.0	325.9	271.6	208.9	158.8	117.0	79.4	54.3	46.0	46.0
85°	133.7	133.7	196.4	171.3	121.2	83.6	54.3	29.3	25.1	25.1
87.5°	33.4	33.4	33.4	33.4	29.3	25.1	25.1	12.5	8.4	8.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)