

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: P532840

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

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P532840
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-26)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA8B-727-U-SLR-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 2700K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT 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 III - Short
BUG Rating: B3 - U0 - G3

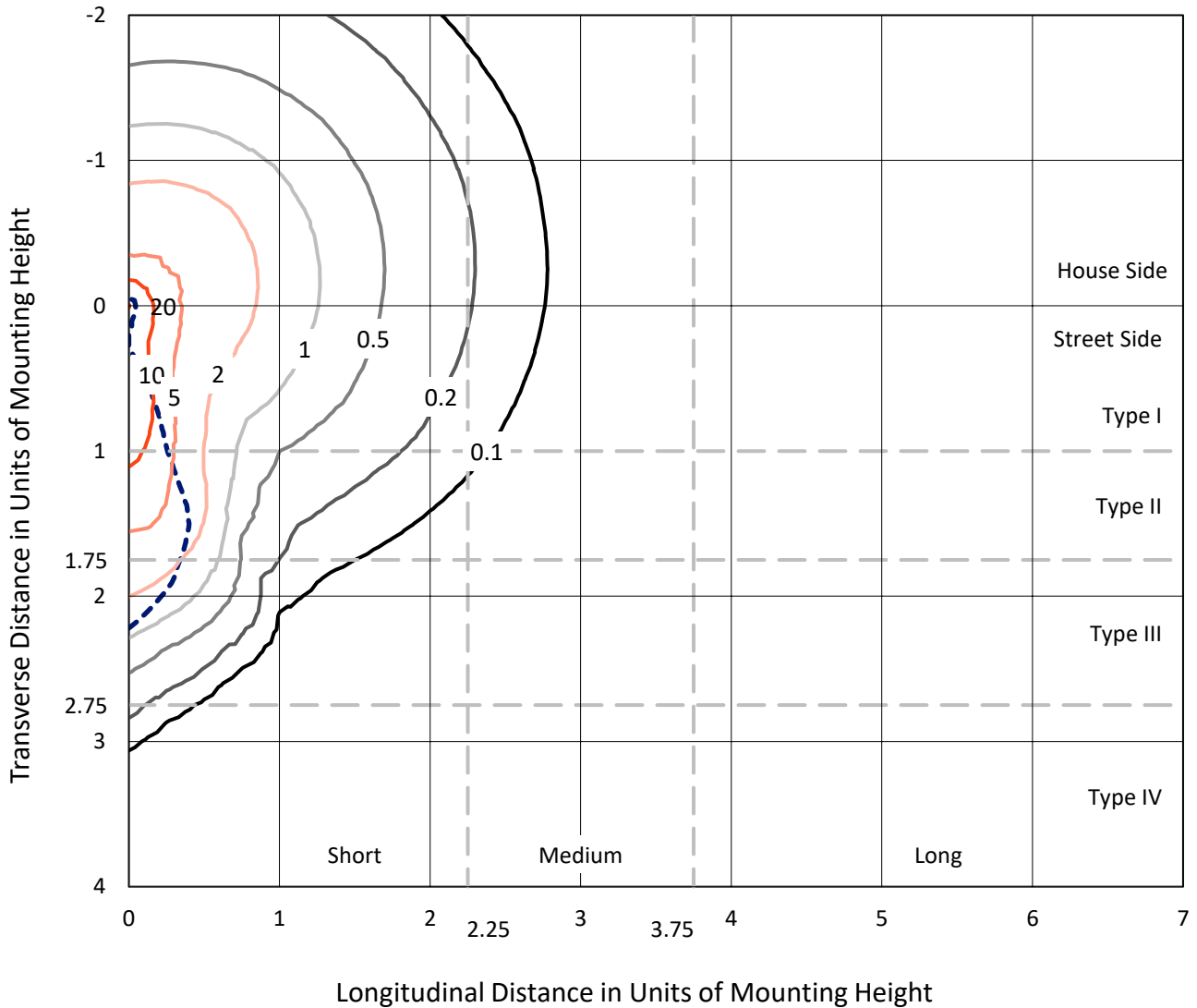
Input Watts (W): 325
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

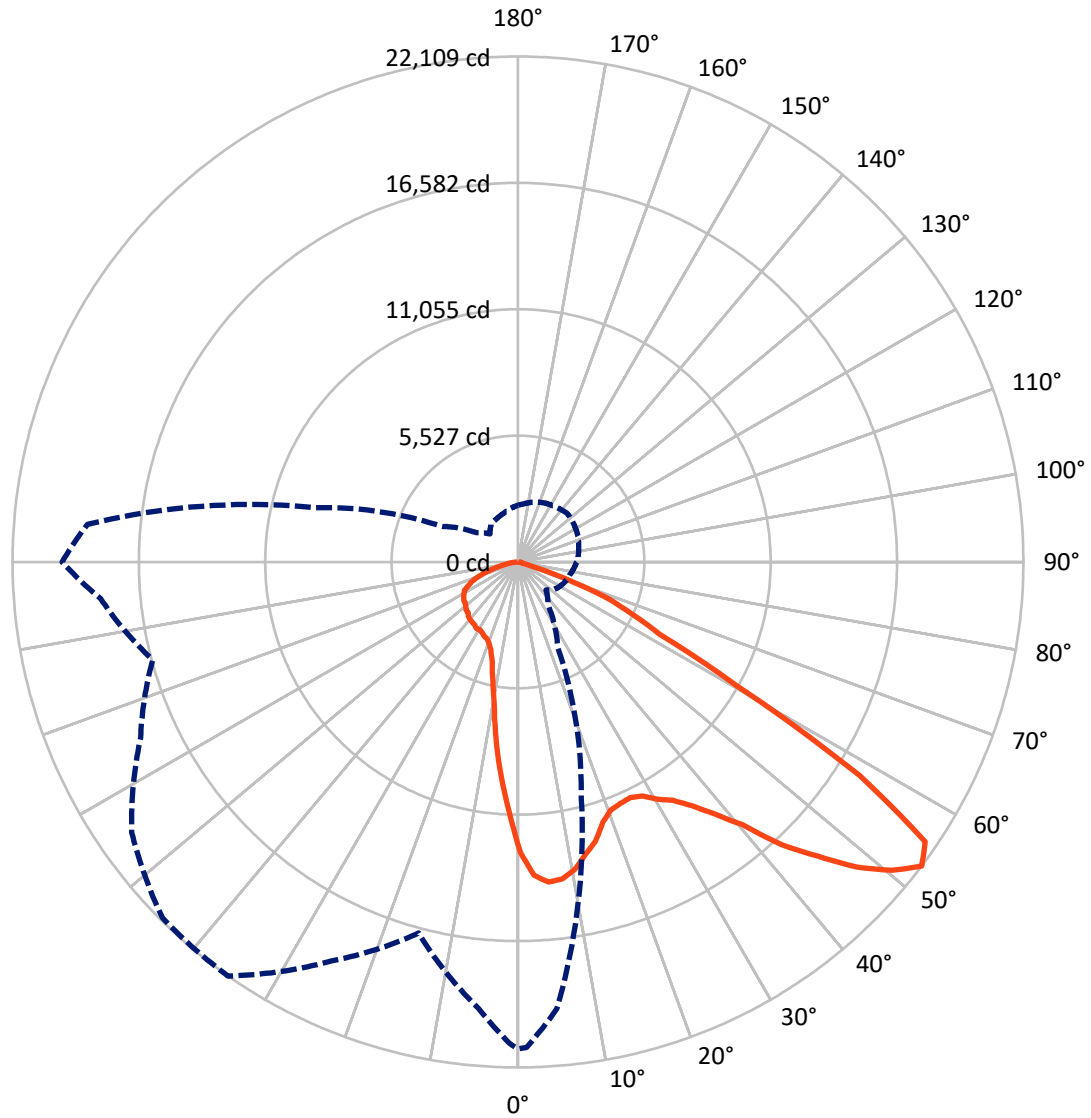
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 20.3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 325-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8627.4	0.0	8627.4
	% Fixture	30.1	0.0	30.1
Street Side	Lumens	19991.6	0.0	19991.6
	% Fixture	69.9	0.0	69.9
Total	Lumens	28619.0	0.0	28619.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	969.0	3.4
10°-20°	2100.6	7.3
20°-30°	3173.9	11.1
30°-40°	4586.4	16.0
40°-50°	6103.7	21.3
50°-60°	6827.1	23.9
60°-70°	3847.7	13.4
70°-80°	857.7	3.0
80°-90°	152.7	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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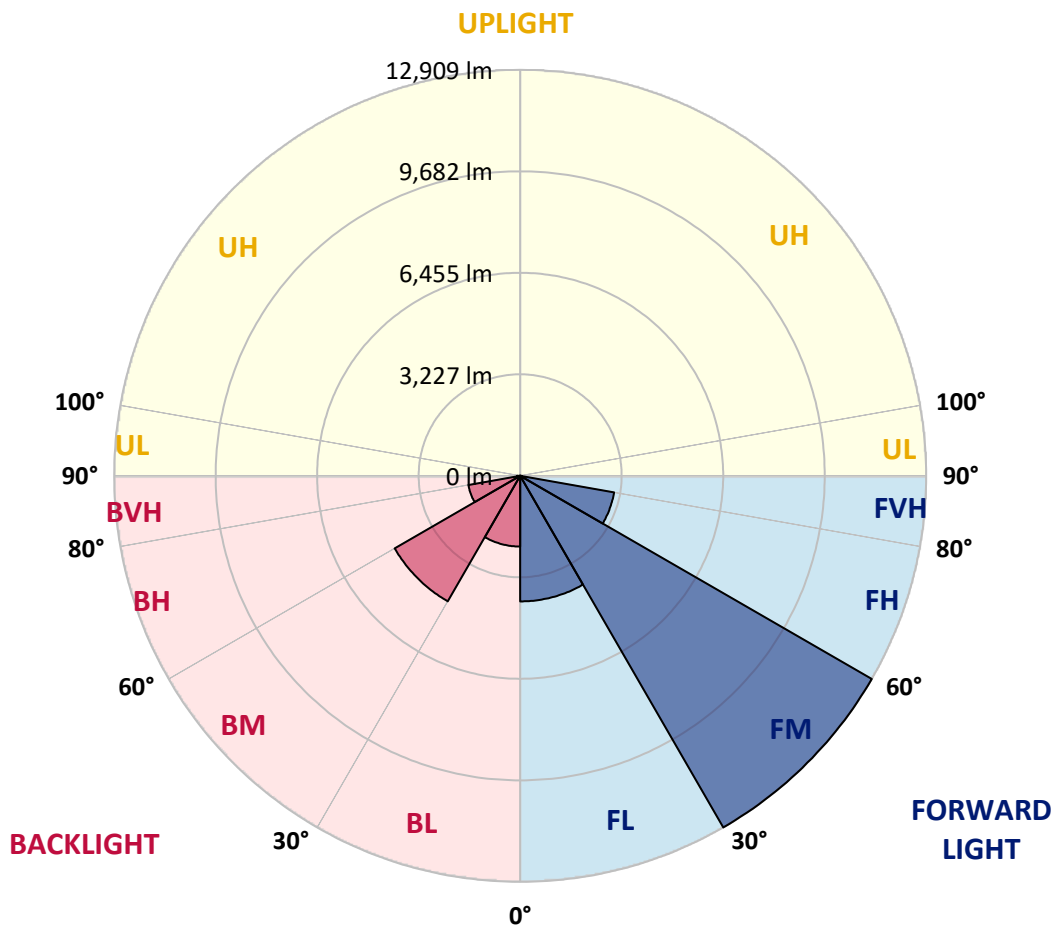
CATALOG NUMBER: GLAN-SA8B-727-U-SLR-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3993.7	14.0			
FM (30°-60°)	12909.4	45.1			
FH (60°-80°)	3033.2	10.6			G2/5000
FVH (80°-90°)	55.3	0.2			G1/100
BL (0°-30°)	2249.8	7.9	B3/2500		
BM (30°-60°)	4607.9	16.1	B3/5000		
BH (60°-80°)	1672.3	5.8	B3/2500		G3/2500
BVH (80°-90°)	97.4	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 III Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3
2.5°	12912.8	13120.2	12896.2	12498.0	12216.0	11958.8	11689.2	11635.2	11282.7	11220.4	10963.3
5°	12178.6	12133.0	11859.2	11336.6	10760.0	10237.4	9851.6	9478.3	9225.2	8930.7	8910.0
7.5°	11286.8	11021.3	10863.7	10071.4	9358.0	8536.7	8184.1	7615.8	7437.4	7172.0	7035.1
10°	10490.4	10295.4	9926.3	9134.0	8138.4	7595.1	7217.6	6910.6	6703.2	6429.5	6085.2
12.5°	10096.3	10017.5	9602.7	8374.9	7636.5	7055.8	6790.3	6491.7	6139.1	5699.4	5529.3
15°	10166.8	9901.4	9586.1	8229.7	7209.3	6649.3	6226.2	5852.9	5400.7	4981.8	4737.1
17.5°	10693.6	10490.4	9859.9	8321.0	7047.5	6238.6	5471.3	4919.6	4513.1	4135.6	3965.5
20°	11730.6	11436.1	10726.8	8437.1	6699.1	5666.2	4786.8	4106.6	3671.0	3471.9	3413.8
22.5°	12879.7	12705.4	11573.0	8698.4	6421.2	5135.3	4060.9	3380.6	3218.9	3165.0	3272.8
25°	14277.5	13825.4	12887.9	9125.7	6205.5	4683.1	3447.0	3069.5	2986.6	3040.5	3165.0
27.5°	15339.4	15219.1	13808.8	9528.0	5911.0	4139.7	3102.7	2853.8	2878.7	2932.7	3048.8
30°	16600.4	15990.7	14700.6	9806.0	5645.5	3766.4	2862.1	2795.8	2820.7	2911.9	2970.0
32.5°	17359.5	17131.4	15260.6	10224.9	5338.5	3442.9	2675.5	2613.3	2650.6	2787.5	2924.4
35°	18326.0	17873.9	15953.3	10332.8	5122.8	3314.3	2542.7	2497.1	2584.2	2679.6	2833.1
37.5°	19454.3	19143.2	16911.5	10258.1	5006.7	3181.5	2430.7	2410.0	2472.2	2605.0	2783.3
40°	20122.1	20026.7	17413.5	10303.7	4824.2	3065.4	2302.2	2327.0	2455.6	2559.3	2733.6
42.5°	20765.1	20142.9	18156.0	10287.1	4708.0	2907.8	2314.6	2285.6	2385.1	2505.4	2671.3
45°	20906.1	20288.0	18330.2	10171.0	4567.0	2754.3	2219.2	2231.6	2351.9	2501.3	2609.1
47.5°	20814.8	20358.6	18653.7	10137.8	4434.3	2646.4	2078.2	2227.5	2298.0	2418.3	2571.8
50°	20752.6	20727.7	18927.5	10295.4	4255.9	2476.4	1908.1	2173.6	2244.1	2364.4	2530.3
52.5°	21300.2	21246.2	19611.9	10710.2	4114.9	2293.9	1733.9	2036.7	2206.8	2322.9	2484.7
55°	21632.0	21395.6	20785.8	11220.4	3878.4	2053.3	1613.6	1866.6	2115.5	2219.2	2385.1
57.5°	19458.4	19296.7	18803.0	10473.8	3480.2	1738.0	1464.3	1692.4	1991.1	2152.8	2322.9
60°	16189.8	15936.8	14671.6	8901.7	2567.6	1352.3	1373.0	1555.5	1957.9	2020.1	2219.2
62.5°	15264.8	14638.4	12917.0	7163.7	1970.3	1161.5	1232.0	1431.1	1783.7	1887.4	2086.5
65°	12112.3	11647.7	9241.8	5172.6	1319.1	1008.0	1124.1	1290.0	1538.9	1742.2	1924.7
67.5°	7582.6	7138.8	4932.0	2447.3	920.9	862.8	1003.8	1178.0	1381.3	1563.8	1767.1
70°	3961.4	3476.1	2277.3	883.5	634.6	705.2	837.9	1003.8	1202.9	1352.3	1509.9
72.5°	1476.7	1198.8	742.5	381.6	439.7	539.2	680.3	800.6	941.6	1124.1	1211.2
75°	228.1	195.0	190.8	232.3	298.7	389.9	485.3	605.6	730.1	846.2	904.3
77.5°	107.8	103.7	116.1	153.5	199.1	277.9	352.6	468.7	568.3	642.9	676.1
80°	70.5	66.4	74.7	103.7	149.3	207.4	282.1	360.9	452.1	514.4	506.1
82.5°	41.5	45.6	45.6	70.5	103.7	149.3	203.3	273.8	336.0	389.9	356.7
85°	24.9	20.7	20.7	41.5	70.5	120.3	170.1	116.1	120.3	120.3	136.9
87.5°	8.3	8.3	8.3	4.1	8.3	8.3	12.4	20.7	24.9	29.0	37.3
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°	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3
2.5°	10955.0	11083.6	11037.9	10876.2	11000.6	11021.3	10938.4	11224.6	11278.5	11191.4	11216.3
5°	8880.9	8914.1	8988.8	9146.4	9258.4	9391.2	9391.2	9399.5	9287.5	9569.5	9486.6
7.5°	6918.9	6939.7	7026.8	7362.8	7458.2	7711.2	7819.0	7744.4	7520.4	7425.0	7503.8
10°	5973.2	5852.9	5823.8	5865.3	6081.0	6188.9	6280.1	6255.2	6217.9	6143.2	6060.3
12.5°	5342.7	5255.6	5185.0	5085.5	5097.9	5201.6	5272.2	5214.1	5230.7	5247.3	5272.2
15°	4658.2	4596.0	4558.7	4409.4	4392.8	4463.3	4488.2	4521.4	4583.6	4587.7	4558.7
17.5°	3932.3	3878.4	3961.4	4044.3	3986.3	3990.4	4036.0	4065.1	4048.5	3973.8	3936.5
20°	3434.6	3492.6	3575.6	3654.4	3716.6	3754.0	3770.6	3724.9	3671.0	3517.5	3513.4
22.5°	3289.4	3364.1	3434.6	3554.9	3612.9	3708.3	3621.2	3517.5	3442.9	3368.2	3281.1
25°	3181.5	3243.8	3384.8	3430.4	3542.4	3621.2	3559.0	3455.3	3326.7	3218.9	3152.5
27.5°	3102.7	3173.2	3264.5	3388.9	3476.1	3521.7	3459.5	3418.0	3285.2	3156.7	3061.3
30°	3053.0	3127.6	3293.5	3397.2	3471.9	3509.2	3401.4	3351.6	3256.2	3148.4	3065.4
32.5°	3019.8	3086.1	3227.2	3359.9	3409.7	3409.7	3426.3	3368.2	3235.5	3053.0	2982.4
35°	2911.9	3003.2	3119.3	3272.8	3364.1	3418.0	3335.0	3268.7	3181.5	2994.9	2866.3
37.5°	2849.7	2911.9	3061.3	3206.4	3285.2	3343.3	3310.1	3194.0	3077.8	2924.4	2820.7
40°	2783.3	2882.9	3015.6	3152.5	3239.6	3297.7	3272.8	3135.9	2994.9	2849.7	2779.2
42.5°	2737.7	2804.1	2941.0	3094.4	3198.1	3310.1	3235.5	3065.4	2965.8	2766.7	2687.9
45°	2700.4	2808.2	2953.4	3015.6	3123.5	3239.6	3106.9	3003.2	2887.0	2741.9	2675.5
47.5°	2654.7	2754.3	2849.7	3015.6	3065.4	3119.3	3094.4	2928.5	2829.0	2671.3	2625.7
50°	2638.2	2675.5	2849.7	2941.0	3011.5	3065.4	2999.0	2874.6	2779.2	2617.4	2517.9
52.5°	2571.8	2642.3	2754.3	2874.6	2961.7	3028.1	2920.2	2841.4	2712.8	2542.7	2480.5
55°	2488.8	2530.3	2729.4	2853.8	2899.5	2945.1	2903.6	2775.0	2642.3	2468.1	2405.9
57.5°	2381.0	2476.4	2638.2	2812.4	2870.4	2895.3	2829.0	2725.3	2559.3	2405.9	2306.3
60°	2269.0	2368.5	2546.9	2687.9	2746.0	2837.3	2737.7	2675.5	2484.7	2314.6	2206.8
62.5°	2157.0	2269.0	2401.7	2580.1	2629.9	2667.2	2642.3	2555.2	2401.7	2210.9	2078.2
65°	2024.2	2107.2	2273.1	2364.4	2397.6	2484.7	2397.6	2364.4	2227.5	2045.0	1933.0
67.5°	1825.1	1895.7	2040.8	2127.9	2152.8	2190.2	2186.0	2148.7	1995.2	1870.8	1771.2
70°	1597.0	1659.2	1750.5	1854.2	1866.6	1912.2	1870.8	1862.5	1762.9	1592.8	1538.9
72.5°	1281.7	1339.8	1460.1	1505.7	1509.9	1526.5	1505.7	1476.7	1451.8	1273.4	1219.5
75°	983.1	1016.3	1074.3	1115.8	1115.8	1136.6	1124.1	1095.1	1028.7	916.7	862.8
77.5°	684.4	717.6	792.3	817.2	813.0	821.3	784.0	754.9	655.4	597.3	551.7
80°	497.8	518.5	555.8	572.4	576.6	589.0	543.4	518.5	460.4	394.1	373.3
82.5°	360.9	373.3	377.5	398.2	398.2	377.5	365.0	340.1	298.7	257.2	240.6
85°	149.3	153.5	157.6	182.5	186.7	224.0	207.4	195.0	170.1	145.2	132.7
87.5°	37.3	41.5	53.9	45.6	53.9	53.9	58.1	66.4	66.4	53.9	53.9
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°	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3
2.5°	11311.7	11344.9	11768.0	11821.9	12029.3	12240.9	12668.1	12975.1	13223.9	13385.7	13431.3
5°	9573.7	9785.2	9980.2	10295.4	10581.6	10988.1	11456.9	12037.6	12767.7	13141.0	13290.3
7.5°	7495.5	7744.4	8026.5	8333.4	8752.4	9482.4	10108.8	10780.7	11714.1	12099.8	12684.7
10°	6118.4	6396.3	6769.6	7006.0	7512.1	8209.0	8939.0	9714.7	10606.5	11162.4	11838.5
12.5°	5409.0	5637.2	5981.5	6479.2	6856.7	7308.8	7852.2	8831.2	10108.8	10635.6	11100.1
15°	4625.1	4878.1	5276.3	5828.0	6280.1	6819.4	7429.1	8495.2	9855.7	10668.8	11062.8
17.5°	3978.0	4160.5	4579.4	5056.5	5575.0	6164.0	7039.2	8478.6	10121.2	11162.4	11805.3
20°	3530.0	3554.9	3783.0	4189.5	4894.7	5662.1	6798.6	8395.6	10971.6	12012.7	12825.7
22.5°	3247.9	3223.0	3227.2	3571.5	4065.1	5168.5	6421.2	8677.7	11938.0	13365.0	13912.5
25°	3106.9	3040.5	2999.0	3073.7	3521.7	4583.6	6134.9	9051.0	12979.2	14480.8	15152.8
27.5°	3032.2	2916.1	2833.1	2845.6	3173.2	4289.1	5956.6	9212.8	14012.1	16036.3	16272.7
30°	3003.2	2858.0	2737.7	2696.2	2911.9	3878.4	5575.0	9490.7	14937.1	16890.8	17094.1
32.5°	2899.5	2721.1	2605.0	2567.6	2654.7	3517.5	5301.2	9689.8	15754.2	17820.0	17749.4
35°	2779.2	2629.9	2484.7	2414.2	2476.4	3285.2	5081.3	9594.4	16716.6	18541.7	18504.4
37.5°	2766.7	2571.8	2451.5	2335.3	2331.2	2999.0	4782.7	9685.7	17330.5	19835.9	19325.7
40°	2658.9	2534.5	2376.8	2281.4	2227.5	2853.8	4492.3	9470.0	18230.6	20358.6	19856.7
42.5°	2663.0	2476.4	2339.5	2227.5	2173.6	2642.3	4293.2	9411.9	18545.9	21208.9	20105.5
45°	2596.7	2414.2	2298.0	2165.3	2136.2	2480.5	4102.4	9142.3	19101.7	21250.4	19794.4
47.5°	2530.3	2368.5	2244.1	2086.5	2020.1	2422.5	3953.1	8918.3	18811.3	20860.5	19363.0
50°	2484.7	2298.0	2181.9	2069.9	1883.2	2322.9	3758.1	8864.4	18404.8	20333.7	18562.5
52.5°	2405.9	2239.9	2119.6	2032.5	1733.9	2231.6	3683.5	9179.6	18902.6	19939.6	18330.2
55°	2331.2	2161.1	2007.6	1837.6	1609.4	1991.1	3476.1	9474.1	19628.5	20848.0	19383.8
57.5°	2252.4	2090.6	1924.7	1721.4	1489.1	1742.2	3260.4	9528.0	18268.0	19267.6	18400.7
60°	2148.7	1941.3	1816.8	1551.4	1360.6	1443.5	2584.2	8399.8	14169.7	16090.2	16119.3
62.5°	2032.5	1808.5	1700.7	1389.6	1227.8	1244.4	2107.2	7060.0	11494.2	13319.3	14111.6
65°	1879.1	1663.4	1534.8	1285.9	1132.4	1078.5	1543.1	5172.6	8731.6	10805.6	11705.8
67.5°	1680.0	1476.7	1314.9	1120.0	1012.1	925.0	1053.6	2911.9	5156.0	7254.9	7528.7
70°	1468.4	1294.2	1124.1	962.3	842.1	779.8	771.5	1290.0	2463.9	3903.3	4442.5
72.5°	1157.3	1032.9	896.0	775.7	696.9	605.6	551.7	535.1	833.8	1588.7	2194.3
75°	829.6	725.9	647.1	568.3	510.2	460.4	419.0	381.6	348.4	398.2	547.5
77.5°	522.7	485.3	423.1	402.4	369.2	356.7	340.1	319.4	294.5	277.9	277.9
80°	352.6	327.7	307.0	302.8	290.4	286.2	290.4	269.6	244.7	224.0	232.3
82.5°	236.4	232.3	228.1	224.0	228.1	232.3	240.6	236.4	215.7	203.3	207.4
85°	141.0	149.3	157.6	165.9	182.5	161.8	132.7	112.0	99.6	91.3	87.1
87.5°	53.9	74.7	66.4	62.2	66.4	62.2	58.1	53.9	45.6	41.5	41.5
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: P532840

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

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3	12701.3
2.5°	13734.1	13817.1	13887.6	13871.0	13725.9	13530.9	13452.1	13049.7	12966.8	12912.8
5°	13920.8	14402.0	14505.7	14443.5	14066.0	13589.0	13124.4	12535.4	12191.1	12178.6
7.5°	13576.5	14169.7	14356.4	14497.4	13995.5	13165.9	12369.4	11485.9	11270.2	11286.8
10°	12701.3	13647.0	14107.5	14252.7	13676.1	12958.5	11855.1	10959.1	10498.7	10490.4
12.5°	12216.0	12958.5	13087.1	13290.3	13120.2	12394.3	11556.4	10552.6	10104.6	10096.3
15°	11784.6	12274.0	12311.4	12597.6	12688.8	12199.4	11635.2	10565.0	10204.2	10166.8
17.5°	12162.0	11821.9	11680.9	11718.2	11987.8	12166.2	12091.5	11270.2	10901.0	10693.6
20°	12415.1	11656.0	11228.7	11270.2	11589.6	12240.9	12771.8	12290.6	11705.8	11730.6
22.5°	13091.2	11680.9	11013.0	10967.4	11473.5	12630.8	13539.2	13580.7	13016.5	12879.7
25°	14103.3	11967.1	10946.7	10934.2	11419.5	13049.7	14435.2	15107.1	14530.6	14277.5
27.5°	14916.3	12415.1	11154.1	11195.6	11589.6	13389.9	15198.4	16090.2	15650.5	15339.4
30°	15629.8	12879.7	11444.4	11253.6	12045.9	13568.2	15526.1	17210.2	16857.6	16600.4
32.5°	15924.3	13539.2	11904.9	11589.6	12423.4	13783.9	16206.4	18297.0	17994.2	17359.5
35°	16422.1	13908.4	12153.7	12128.9	13082.9	14302.4	16525.8	19014.6	18890.2	18326.0
37.5°	16820.3	14281.7	13037.3	12763.5	13987.2	15173.5	17040.1	20006.0	19719.8	19454.3
40°	17127.2	14949.5	13862.7	14223.6	15098.9	15965.8	17513.0	20068.2	20893.7	20122.1
42.5°	16845.2	15546.8	15219.1	16081.9	16911.5	16870.1	17566.9	20549.4	21167.4	20765.1
45°	16774.7	16559.0	17363.7	18147.7	18338.5	17620.9	17181.2	20018.4	21084.5	20906.1
47.5°	16604.6	17554.5	18956.5	20234.1	19943.8	18122.8	16720.7	19923.0	21134.2	20814.8
50°	16546.5	17770.2	20134.6	21379.0	21204.8	18558.3	16505.0	19309.1	20781.7	20752.6
52.5°	16542.4	18214.0	20624.0	22001.2	22109.0	19246.9	16799.5	19620.2	21055.4	21300.2
55°	16729.0	18073.0	20561.8	21656.9	21615.4	18939.9	16832.7	19827.6	21391.4	21632.0
57.5°	15779.1	16189.8	16969.6	17836.6	17612.6	15687.9	15032.5	18330.2	19632.7	19458.4
60°	13626.3	12340.4	11461.0	11419.5	10984.0	10382.5	12303.1	16359.9	16359.9	16189.8
62.5°	11933.9	8101.1	6960.4	6636.9	6948.0	7640.7	11867.5	15911.9	15459.7	15264.8
65°	10436.5	6184.7	5031.6	4940.3	5479.6	6524.9	10731.0	13555.8	12759.4	12112.3
67.5°	6715.7	4529.7	3741.5	3579.8	4231.0	4791.0	7142.9	8337.6	7835.6	7582.6
70°	4330.6	2949.3	2082.3	1953.7	2206.8	2953.4	4562.8	4861.5	4131.4	3961.4
72.5°	2049.1	1273.4	730.1	601.5	676.1	1128.3	1804.4	1941.3	1613.6	1476.7
75°	651.2	468.7	298.7	257.2	244.7	290.4	414.8	319.4	232.3	228.1
77.5°	290.4	277.9	236.4	199.1	174.2	145.2	120.3	99.6	103.7	107.8
80°	240.6	219.8	195.0	174.2	145.2	112.0	87.1	66.4	66.4	70.5
82.5°	211.5	190.8	170.1	145.2	124.4	91.3	66.4	45.6	41.5	41.5
85°	91.3	107.8	116.1	124.4	99.6	74.7	45.6	29.0	24.9	24.9
87.5°	37.3	33.2	29.0	24.9	20.7	20.7	16.6	12.4	8.3	8.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)