

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: P532944

Luminaire Tested: **GLAN-SA8B-750-U-SLR-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P532944
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-750-U-SLR-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 5000K, 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: 34221 lumens
Efficiency: N/A
Efficacy: 105.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B4 - U0 - G3

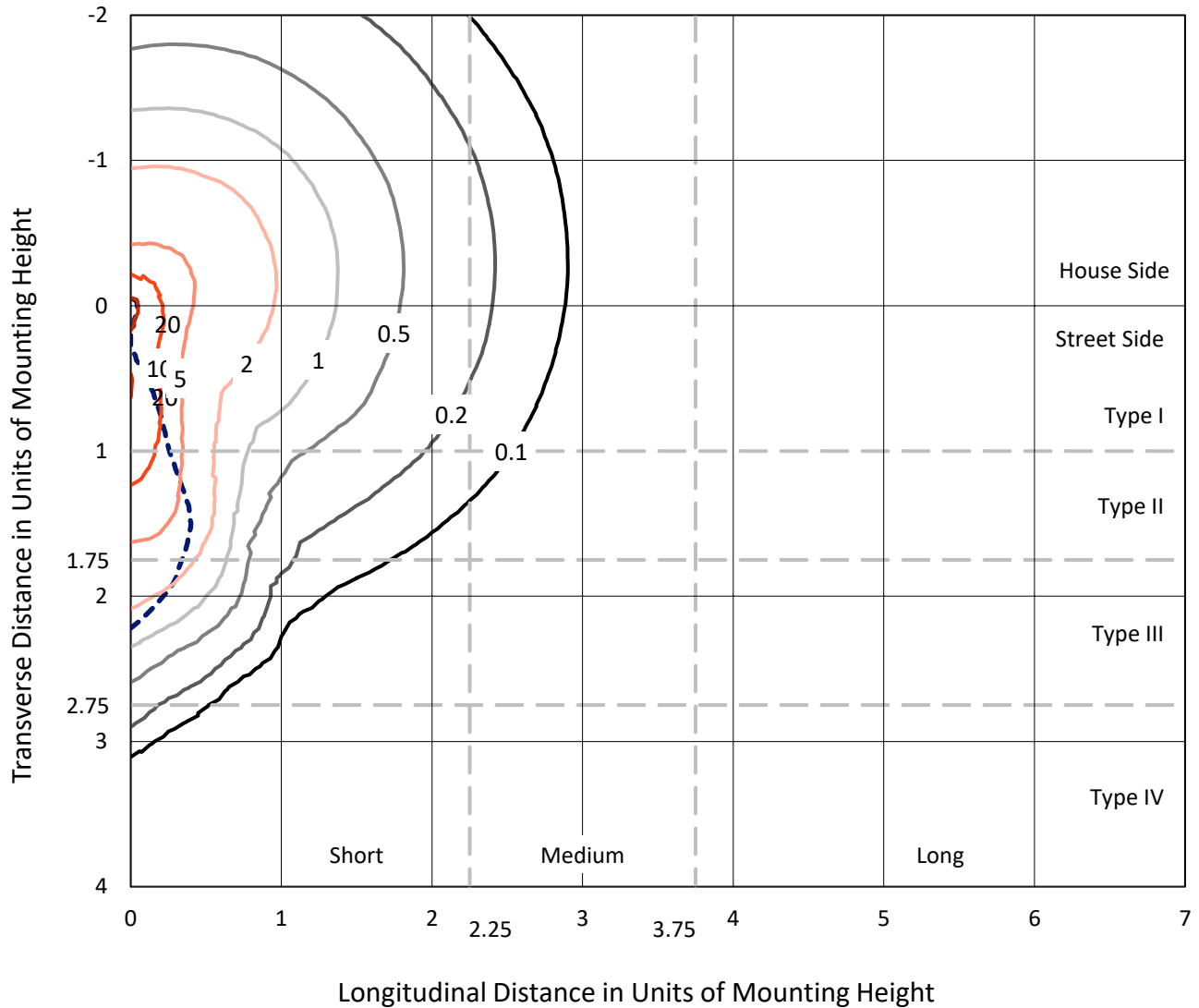
Input Watts (W): 325
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

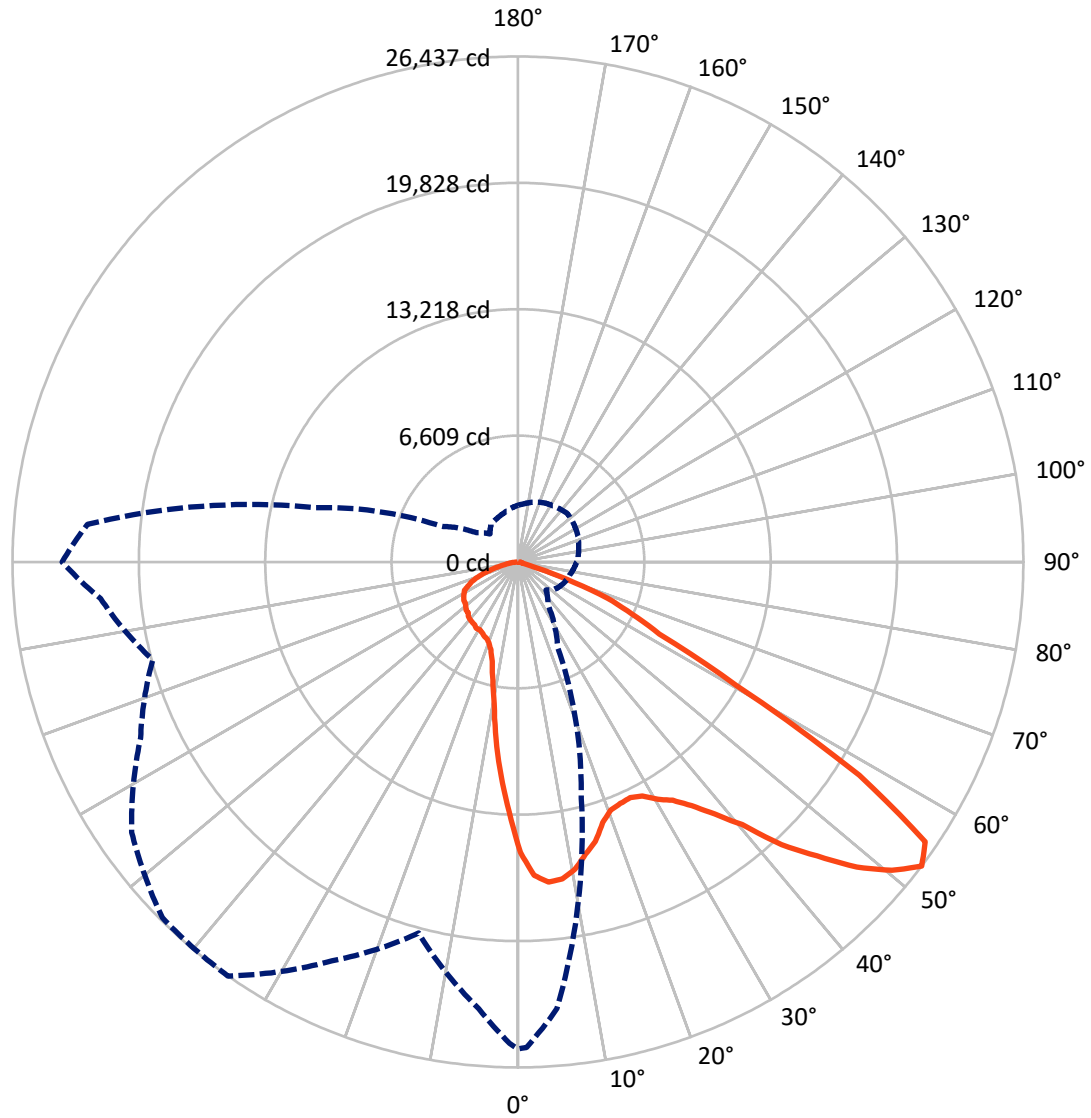
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 24.3 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	10316.2	0.0	10316.2
	% Fixture	30.1	0.0	30.1
Street Side	Lumens	23904.8	0.0	23904.8
	% Fixture	69.9	0.0	69.9
Total	Lumens	34221.0	0.0	34221.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1158.7	3.4
10°-20°	2511.8	7.3
20°-30°	3795.2	11.1
30°-40°	5484.2	16.0
40°-50°	7298.5	21.3
50°-60°	8163.5	23.9
60°-70°	4600.9	13.4
70°-80°	1025.6	3.0
80°-90°	182.6	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°	34221.0	100.0
0°-180°	34221.0	100.0

Coefficient of Utilization



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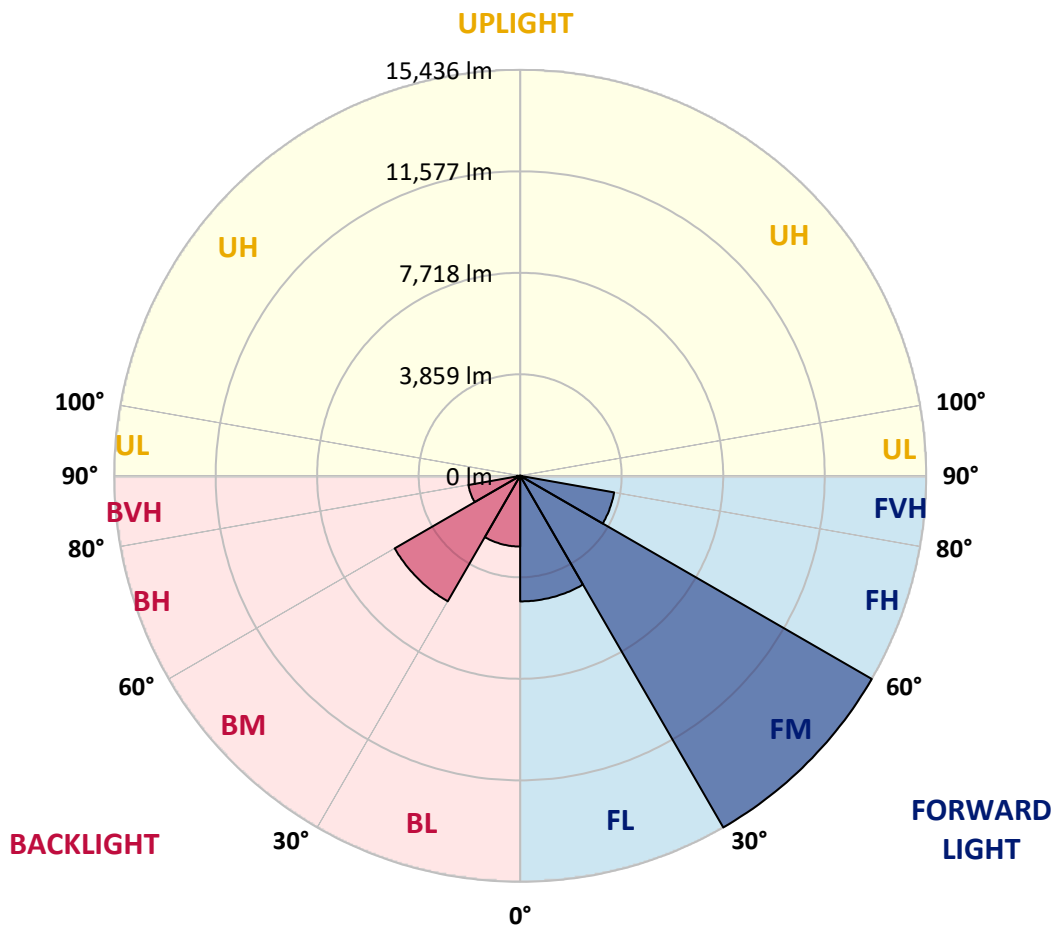
CATALOG NUMBER: GLAN-SA8B-750-U-SLR-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4775.5	14.0			
FM (30°-60°)	15436.3	45.1			
FH (60°-80°)	3626.9	10.6			G2/5000
FVH (80°-90°)	66.1	0.2			G1/100
BL (0°-30°)	2690.2	7.9	B4/5000		
BM (30°-60°)	5509.9	16.1	B4/8500		
BH (60°-80°)	1999.6	5.8	B3/2500		G3/2500
BVH (80°-90°)	116.5	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 III Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5
2.5°	15440.4	15688.4	15420.6	14944.5	14607.2	14299.7	13977.3	13912.8	13491.2	13416.8	13109.3
5°	14562.5	14508.0	14180.6	13555.7	12866.2	12241.3	11780.0	11333.6	11031.0	10678.9	10654.1
7.5°	13496.1	13178.7	12990.2	12042.9	11189.7	10207.7	9786.1	9106.5	8893.3	8575.8	8412.1
10°	12543.8	12310.7	11869.3	10921.9	9731.5	9081.7	8630.4	8263.3	8015.3	7688.0	7276.3
12.5°	12072.6	11978.4	11482.4	10014.2	9131.3	8436.9	8119.5	7762.4	7340.8	6815.0	6611.7
15°	12156.9	11839.5	11462.5	9840.6	8620.5	7950.9	7444.9	6998.5	6457.9	5956.9	5664.3
17.5°	12786.9	12543.8	11789.9	9949.7	8427.0	7459.8	6542.2	5882.5	5396.5	4945.1	4741.8
20°	14026.9	13674.7	12826.5	10088.6	8010.4	6775.3	5723.8	4910.4	4389.6	4151.5	4082.1
22.5°	15400.8	15192.5	13838.4	10401.1	7678.1	6140.5	4855.8	4042.4	3849.0	3784.5	3913.4
25°	17072.3	16531.6	15410.7	10912.0	7420.1	5599.8	4121.8	3670.4	3571.2	3635.7	3784.5
27.5°	18342.0	18198.2	16511.8	11393.1	7068.0	4950.1	3710.1	3412.5	3442.2	3506.7	3645.6
30°	19849.9	19120.8	17578.2	11725.4	6750.5	4503.7	3422.4	3343.0	3372.8	3481.9	3551.4
32.5°	20757.6	20484.8	18247.8	12226.4	6383.5	4116.8	3199.2	3124.8	3169.4	3333.1	3496.8
35°	21913.2	21372.6	19076.1	12355.3	6125.6	3963.0	3040.5	2985.9	3090.1	3204.2	3387.7
37.5°	23262.4	22890.4	20221.9	12266.1	5986.7	3804.3	2906.6	2881.8	2956.2	3114.9	3328.2
40°	24060.9	23946.8	20822.0	12320.6	5768.5	3665.4	2752.8	2782.6	2936.3	3060.3	3268.6
42.5°	24829.7	24085.7	21709.9	12300.8	5629.6	3477.0	2767.7	2733.0	2852.0	2995.8	3194.2
45°	24998.4	24259.3	21918.2	12161.9	5460.9	3293.4	2653.6	2668.5	2812.3	2990.9	3119.8
47.5°	24889.2	24343.6	22305.1	12122.2	5302.2	3164.5	2485.0	2663.5	2747.8	2891.7	3075.2
50°	24814.8	24785.1	22632.4	12310.7	5088.9	2961.1	2281.6	2599.0	2683.4	2827.2	3025.6
52.5°	25469.5	25405.1	23450.8	12806.7	4920.3	2742.9	2073.3	2435.4	2638.7	2777.6	2971.0
55°	25866.3	25583.6	24854.5	13416.8	4637.6	2455.2	1929.4	2232.0	2529.6	2653.6	2852.0
57.5°	23267.3	23073.9	22483.6	12524.0	4161.4	2078.2	1750.9	2023.7	2380.8	2574.2	2777.6
60°	19358.8	19056.3	17543.5	10644.1	3070.2	1617.0	1641.8	1860.0	2341.1	2415.5	2653.6
62.5°	18252.8	17503.8	15445.4	8565.9	2356.0	1388.8	1473.1	1711.2	2132.8	2256.8	2494.9
65°	14483.2	13927.7	11050.9	6185.1	1577.3	1205.3	1344.2	1542.6	1840.2	2083.2	2301.4
67.5°	9066.9	8536.1	5897.4	2926.4	1101.1	1031.7	1200.3	1408.6	1651.7	1869.9	2113.0
70°	4736.8	4156.5	2723.0	1056.5	758.9	843.2	1001.9	1200.3	1438.4	1617.0	1805.4
72.5°	1765.8	1433.4	887.8	456.3	525.8	644.8	813.4	957.3	1125.9	1344.2	1448.3
75°	272.8	233.1	228.2	277.8	357.1	466.2	580.3	724.2	873.0	1011.8	1081.3
77.5°	129.0	124.0	138.9	183.5	238.1	332.3	421.6	560.5	679.5	768.8	808.5
80°	84.3	79.4	89.3	124.0	178.6	248.0	337.3	431.5	540.6	615.0	605.1
82.5°	49.6	54.6	54.6	84.3	124.0	178.6	243.0	327.4	401.8	466.2	426.6
85°	29.8	24.8	24.8	49.6	84.3	143.8	203.4	138.9	143.8	143.8	163.7
87.5°	9.9	9.9	9.9	5.0	9.9	9.9	14.9	24.8	29.8	34.7	44.6
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°	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5
2.5°	13099.3	13253.1	13198.5	13005.1	13153.9	13178.7	13079.5	13421.7	13486.2	13382.1	13411.8
5°	10619.3	10659.0	10748.3	10936.8	11070.7	11229.4	11229.4	11239.3	11105.4	11442.7	11343.5
7.5°	8273.3	8298.1	8402.2	8804.0	8918.1	9220.6	9349.6	9260.3	8992.5	8878.4	8972.6
10°	7142.4	6998.5	6963.8	7013.4	7271.3	7400.3	7509.4	7479.7	7435.0	7345.7	7246.5
12.5°	6388.5	6284.3	6200.0	6080.9	6095.8	6219.8	6304.1	6234.7	6254.5	6274.4	6304.1
15°	5570.1	5495.7	5451.0	5272.5	5252.6	5336.9	5366.7	5406.4	5480.8	5485.7	5451.0
17.5°	4702.1	4637.6	4736.8	4836.0	4766.6	4771.5	4826.1	4860.8	4841.0	4751.7	4707.0
20°	4106.9	4176.3	4275.5	4369.8	4444.2	4488.8	4508.6	4454.1	4389.6	4206.1	4201.1
22.5°	3933.3	4022.6	4106.9	4250.7	4320.2	4434.2	4330.1	4206.1	4116.8	4027.5	3923.4
25°	3804.3	3878.7	4047.4	4101.9	4235.8	4330.1	4255.7	4131.7	3977.9	3849.0	3769.6
27.5°	3710.1	3794.4	3903.5	4052.3	4156.5	4211.0	4136.6	4087.0	3928.3	3774.6	3660.5
30°	3650.6	3739.8	3938.2	4062.2	4151.5	4196.2	4067.2	4007.7	3893.6	3764.6	3665.4
32.5°	3610.9	3690.2	3858.9	4017.6	4077.1	4077.1	4097.0	4027.5	3868.8	3650.6	3566.2
35°	3481.9	3591.0	3729.9	3913.4	4022.6	4087.0	3987.8	3908.5	3804.3	3581.1	3427.4
37.5°	3407.5	3481.9	3660.5	3834.1	3928.3	3997.8	3958.1	3819.2	3680.3	3496.8	3372.8
40°	3328.2	3447.2	3605.9	3769.6	3873.8	3943.2	3913.4	3749.8	3581.1	3407.5	3323.2
42.5°	3273.6	3353.0	3516.6	3700.2	3824.2	3958.1	3868.8	3665.4	3546.4	3308.3	3214.1
45°	3229.0	3357.9	3531.5	3605.9	3734.9	3873.8	3715.0	3591.0	3452.2	3278.6	3199.2
47.5°	3174.4	3293.4	3407.5	3605.9	3665.4	3729.9	3700.2	3501.8	3382.7	3194.2	3139.7
50°	3154.6	3199.2	3407.5	3516.6	3601.0	3665.4	3586.1	3437.3	3323.2	3129.8	3010.7
52.5°	3075.2	3159.5	3293.4	3437.3	3541.4	3620.8	3491.8	3397.6	3243.8	3040.5	2966.1
55°	2976.0	3025.6	3263.7	3412.5	3467.0	3521.6	3472.0	3318.2	3159.5	2951.2	2876.8
57.5°	2847.0	2961.1	3154.6	3362.9	3432.3	3462.1	3382.7	3258.7	3060.3	2876.8	2757.8
60°	2713.1	2832.2	3045.4	3214.1	3283.5	3392.6	3273.6	3199.2	2971.0	2767.7	2638.7
62.5°	2579.2	2713.1	2871.8	3085.1	3144.6	3189.3	3159.5	3055.4	2871.8	2643.7	2485.0
65°	2420.5	2519.7	2718.1	2827.2	2866.9	2971.0	2866.9	2827.2	2663.5	2445.3	2311.4
67.5°	2182.4	2266.7	2440.3	2544.5	2574.2	2618.9	2613.9	2569.3	2385.8	2237.0	2117.9
70°	1909.6	1984.0	2093.1	2217.1	2232.0	2286.6	2237.0	2227.0	2108.0	1904.6	1840.2
72.5°	1532.6	1602.1	1745.9	1800.5	1805.4	1825.3	1800.5	1765.8	1736.0	1522.7	1458.2
75°	1175.5	1215.2	1284.6	1334.2	1334.2	1359.0	1344.2	1309.4	1230.1	1096.2	1031.7
77.5°	818.4	858.1	947.4	977.1	972.2	982.1	937.4	902.7	783.7	714.2	659.7
80°	595.2	620.0	664.6	684.5	689.4	704.3	649.8	620.0	550.6	471.2	446.4
82.5°	431.5	446.4	451.4	476.2	476.2	451.4	436.5	406.7	357.1	307.5	287.7
85°	178.6	183.5	188.5	218.2	223.2	267.8	248.0	233.1	203.4	173.6	158.7
87.5°	44.6	49.6	64.5	54.6	64.5	64.5	69.4	79.4	79.4	64.5	64.5
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°	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5
2.5°	13525.9	13565.6	14071.5	14136.0	14384.0	14636.9	15147.8	15514.8	15812.4	16005.9	16060.4
5°	11447.7	11700.6	11933.7	12310.7	12652.9	13139.0	13699.5	14393.9	15266.8	15713.2	15891.8
7.5°	8962.7	9260.3	9597.6	9964.6	10465.6	11338.5	12087.5	12891.0	14007.0	14468.3	15167.7
10°	7316.0	7648.3	8094.7	8377.4	8982.5	9815.8	10688.8	11616.3	12682.7	13347.3	14155.8
12.5°	6467.8	6740.6	7152.3	7747.5	8198.9	8739.5	9389.3	10559.8	12087.5	12717.4	13272.9
15°	5530.4	5832.9	6309.1	6968.8	7509.4	8154.2	8883.3	10158.1	11784.9	12757.1	13228.3
17.5°	4756.6	4974.9	5475.8	6046.2	6666.2	7370.5	8417.1	10138.2	12102.4	13347.3	14116.1
20°	4221.0	4250.7	4523.5	5009.6	5852.8	6770.4	8129.4	10039.0	13119.2	14364.1	15336.3
22.5°	3883.7	3853.9	3858.9	4270.6	4860.8	6180.1	7678.1	10376.3	14274.9	15981.1	16635.8
25°	3715.0	3635.7	3586.1	3675.4	4211.0	5480.8	7335.8	10822.7	15519.8	17315.3	18118.8
27.5°	3625.8	3486.9	3387.7	3402.6	3794.4	5128.6	7122.5	11016.1	16754.8	19175.3	19458.0
30°	3591.0	3417.4	3273.6	3224.0	3481.9	4637.6	6666.2	11348.5	17860.9	20197.1	20440.1
32.5°	3467.0	3253.8	3114.9	3070.2	3174.4	4206.1	6338.9	11586.5	18838.0	21308.1	21223.8
35°	3323.2	3144.6	2971.0	2886.7	2961.1	3928.3	6076.0	11472.5	19988.8	22171.2	22126.5
37.5°	3308.3	3075.2	2931.4	2792.5	2787.5	3586.1	5718.9	11581.6	20722.8	23718.7	23108.6
40°	3179.4	3030.6	2842.1	2728.0	2663.5	3412.5	5371.7	11323.7	21799.2	24343.6	23743.5
42.5°	3184.3	2961.1	2797.4	2663.5	2599.0	3159.5	5133.6	11254.2	22176.1	25360.4	24041.1
45°	3105.0	2886.7	2747.8	2589.1	2554.4	2966.1	4905.4	10931.8	22840.8	25410.0	23669.1
47.5°	3025.6	2832.2	2683.4	2494.9	2415.5	2896.6	4726.9	10664.0	22493.6	24943.8	23153.2
50°	2971.0	2747.8	2609.0	2475.0	2251.8	2777.6	4493.8	10599.5	22007.5	24313.9	22196.0
52.5°	2876.8	2678.4	2534.6	2430.4	2073.3	2668.5	4404.5	10976.5	22602.7	23842.7	21918.2
55°	2787.5	2584.2	2400.6	2197.3	1924.5	2380.8	4156.5	11328.6	23470.7	24928.9	23178.0
57.5°	2693.3	2499.8	2301.4	2058.4	1780.6	2083.2	3898.6	11393.1	21843.8	23039.2	22002.5
60°	2569.3	2321.3	2172.5	1855.0	1626.9	1726.1	3090.1	10044.0	16943.3	19239.8	19274.5
62.5°	2430.4	2162.6	2033.6	1661.6	1468.2	1488.0	2519.7	8441.9	13744.1	15926.5	16873.9
65°	2246.9	1989.0	1835.2	1537.6	1354.1	1289.6	1845.1	6185.1	10440.8	12920.8	13997.1
67.5°	2008.8	1765.8	1572.3	1339.2	1210.2	1106.1	1259.8	3481.9	6165.3	8675.0	9002.4
70°	1755.8	1547.5	1344.2	1150.7	1006.9	932.5	922.6	1542.6	2946.2	4667.4	5312.1
72.5°	1383.8	1235.0	1071.4	927.5	833.3	724.2	659.7	639.8	997.0	1899.7	2623.8
75°	992.0	868.0	773.8	679.5	610.1	550.6	501.0	456.3	416.6	476.2	654.7
77.5°	625.0	580.3	505.9	481.1	441.4	426.6	406.7	381.9	352.2	332.3	332.3
80°	421.6	391.8	367.0	362.1	347.2	342.2	347.2	322.4	292.6	267.8	277.8
82.5°	282.7	277.8	272.8	267.8	272.8	277.8	287.7	282.7	257.9	243.0	248.0
85°	168.6	178.6	188.5	198.4	218.2	193.4	158.7	133.9	119.0	109.1	104.2
87.5°	64.5	89.3	79.4	74.4	79.4	74.4	69.4	64.5	54.6	49.6	49.6
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: P532944

CATALOG NUMBER: GLAN-SA8B-750-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5	15187.5
2.5°	16422.5	16521.7	16606.0	16586.2	16412.6	16179.5	16085.2	15604.1	15504.9	15440.4
5°	16645.7	17221.1	17345.1	17270.7	16819.3	16248.9	15693.4	14989.1	14577.4	14562.5
7.5°	16234.0	16943.3	17166.5	17335.2	16735.0	15743.0	14790.7	13734.2	13476.3	13496.1
10°	15187.5	16318.4	16868.9	17042.5	16353.1	15495.0	14175.7	13104.3	12553.7	12543.8
12.5°	14607.2	15495.0	15648.8	15891.8	15688.4	14820.5	13818.5	12618.2	12082.5	12072.6
15°	14091.3	14676.6	14721.3	15063.5	15172.6	14587.3	13912.8	12633.1	12201.6	12156.9
17.5°	14542.7	14136.0	13967.3	14012.0	14334.4	14547.7	14458.4	13476.3	13034.9	12786.9
20°	14845.3	13937.6	13426.7	13476.3	13858.2	14636.9	15271.8	14696.5	13997.1	14026.9
22.5°	15653.7	13967.3	13168.8	13114.2	13719.3	15103.2	16189.4	16239.0	15564.4	15400.8
25°	16864.0	14309.6	13089.4	13074.5	13654.9	15604.1	17260.8	18064.3	17374.8	17072.3
27.5°	17836.1	14845.3	13337.4	13387.0	13858.2	16010.8	18173.4	19239.8	18714.0	18342.0
30°	18689.2	15400.8	13684.6	13456.5	14403.8	16224.1	18565.2	20579.0	20157.4	19849.9
32.5°	19041.4	16189.4	14235.2	13858.2	14855.2	16482.0	19378.7	21878.5	21516.4	20757.6
35°	19636.6	16630.8	14532.8	14503.0	15643.8	17102.0	19760.6	22736.6	22587.8	21913.2
37.5°	20112.8	17077.2	15589.2	15261.9	16725.1	18143.6	20375.6	23922.0	23579.8	23262.4
40°	20479.8	17875.8	16576.3	17007.8	18054.4	19091.0	20941.1	23996.4	24983.5	24060.9
42.5°	20142.5	18590.0	18198.2	19229.9	20221.9	20172.3	21005.6	24571.8	25310.8	24829.7
45°	20058.2	19800.3	20762.5	21700.0	21928.1	21070.0	20544.3	23936.9	25211.6	24998.4
47.5°	19854.8	20990.7	22667.2	24194.8	23847.6	21670.2	19993.7	23822.8	25271.2	24889.2
50°	19785.4	21248.6	24075.8	25563.8	25355.5	22191.0	19735.8	23088.8	24849.6	24814.8
52.5°	19780.4	21779.3	24661.1	26307.8	26436.7	23014.4	20088.0	23460.8	25176.9	25469.5
55°	20003.6	21610.7	24586.7	25896.1	25846.5	22647.3	20127.6	23708.8	25578.7	25866.3
57.5°	18867.8	19358.8	20291.3	21328.0	21060.1	18758.7	17975.0	21918.2	23475.6	23267.3
60°	16293.6	14756.0	13704.5	13654.9	13134.1	12414.9	14711.3	19562.2	19562.2	19358.8
62.5°	14269.9	9686.9	8322.9	7936.0	8308.0	9136.3	14190.5	19026.5	18485.9	18252.8
65°	12479.3	7395.3	6016.5	5907.3	6552.1	7802.1	12831.5	16209.2	15256.9	14483.2
67.5°	8030.2	5416.3	4473.9	4280.5	5059.2	5728.8	8541.1	9969.6	9369.4	9066.9
70°	5178.2	3526.6	2489.9	2336.2	2638.7	3531.5	5456.0	5813.1	4940.2	4736.8
72.5°	2450.2	1522.7	873.0	719.2	808.5	1349.1	2157.6	2321.3	1929.4	1765.8
75°	778.7	560.5	357.1	307.5	292.6	347.2	496.0	381.9	277.8	272.8
77.5°	347.2	332.3	282.7	238.1	208.3	173.6	143.8	119.0	124.0	129.0
80°	287.7	262.9	233.1	208.3	173.6	133.9	104.2	79.4	79.4	84.3
82.5°	253.0	228.2	203.4	173.6	148.8	109.1	79.4	54.6	49.6	49.6
85°	109.1	129.0	138.9	148.8	119.0	89.3	54.6	34.7	29.8	29.8
87.5°	44.6	39.7	34.7	29.8	24.8	24.8	19.8	14.9	9.9	9.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)