

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: P654544

Luminaire Tested: **GLAN-SA8B-840-U-SLR-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P654544  
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-840-U-SLR-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(8) 80 CRI, 4000K, 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: 28779.9 lumens  
Efficiency: N/A  
Efficacy: 88.6 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

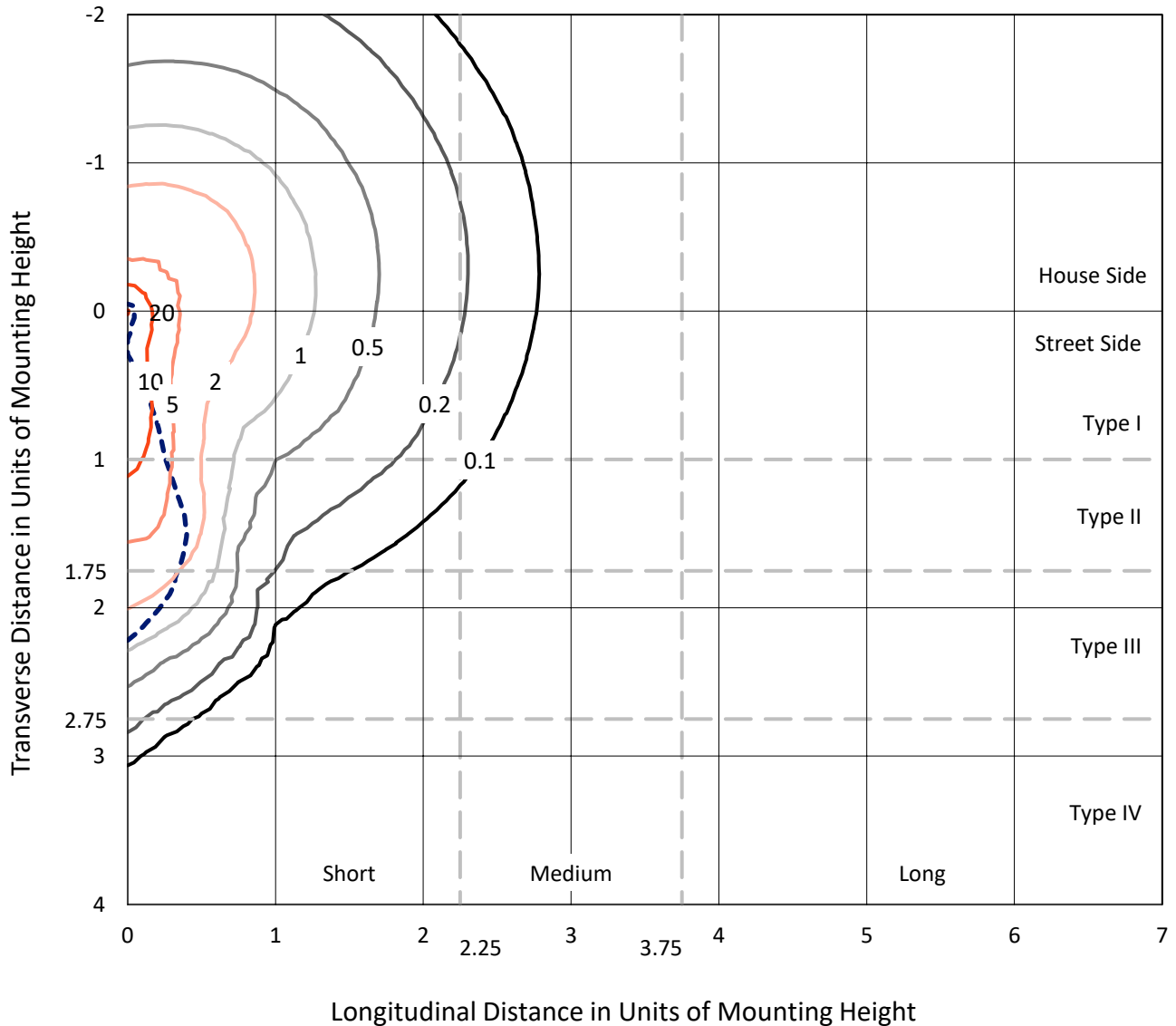
Input Watts (W): 325  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P654544  
 CATALOG NUMBER: GLAN-SA8B-840-U-SLR-GRSWH

### Iso-Footcandle Lines of Horizontal Illumination

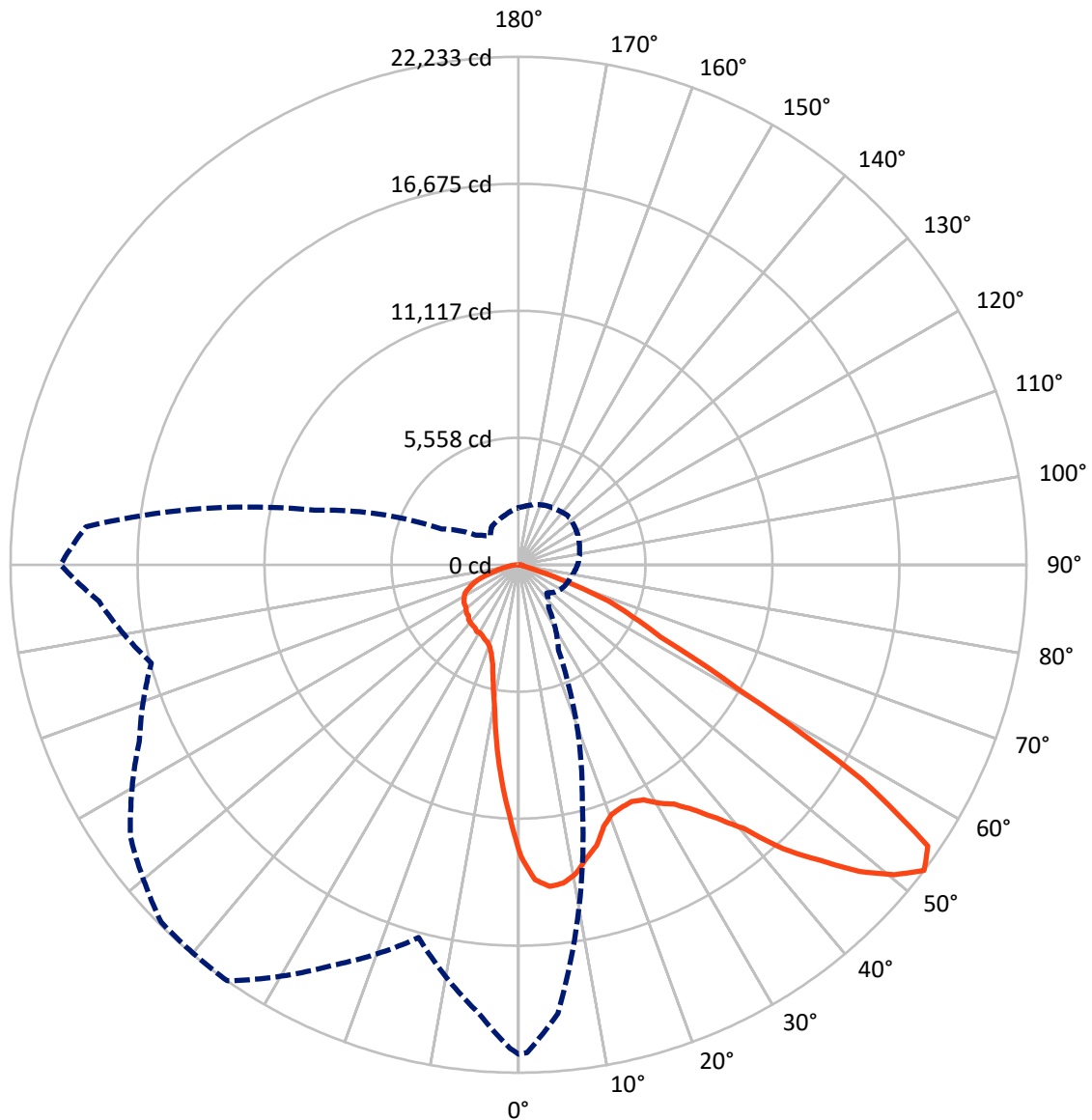
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 20.4 fc  
 Type III - Short - N/A

REPORT NUMBER: P654544  
CATALOG NUMBER: GLAN-SA8B-840-U-SLR-GRSWH

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P654544  
 CATALOG NUMBER: GLAN-SA8B-840-U-SLR-GRSWH

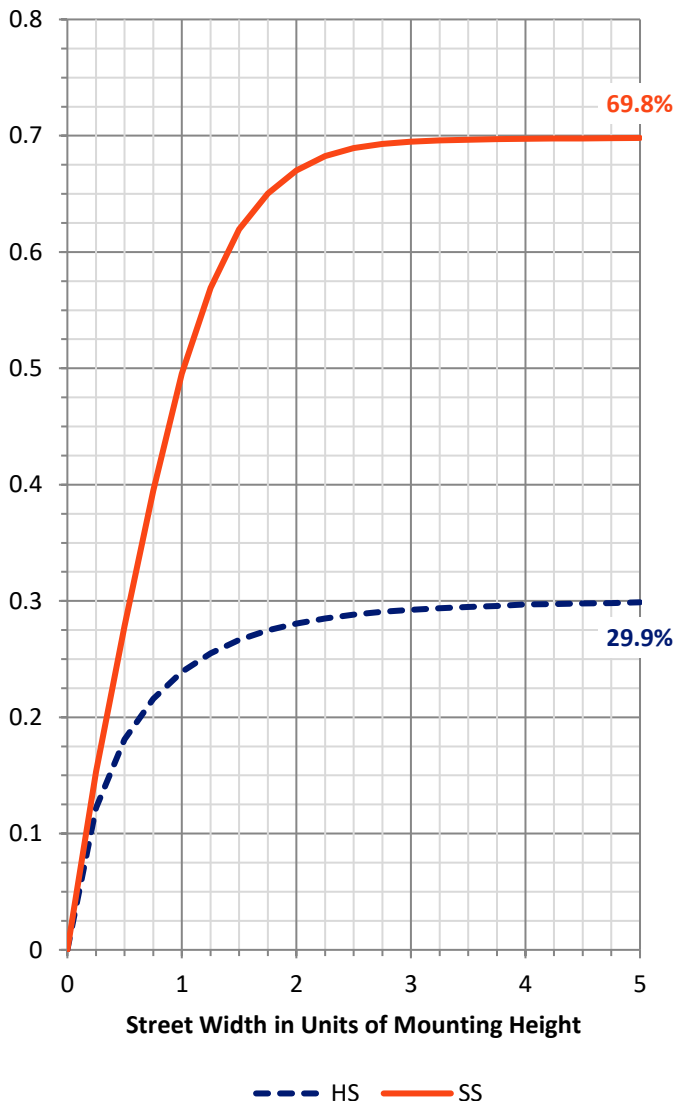
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	8675.9	0.0	8675.9
	% Fixture	30.1	0.0	30.1
<b>Street Side</b>	Lumens	20103.9	0.0	20103.9
	% Fixture	69.9	0.0	69.9
<b>Total</b>	Lumens	28779.9	0.0	28779.9
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	974.4	3.4
10°-20°	2112.5	7.3
20°-30°	3191.7	11.1
30°-40°	4612.2	16.0
40°-50°	6138.0	21.3
50°-60°	6865.5	23.9
60°-70°	3869.4	13.4
70°-80°	862.5	3.0
80°-90°	153.6	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°	28779.9	100.0
0°-180°	28779.9	100.0

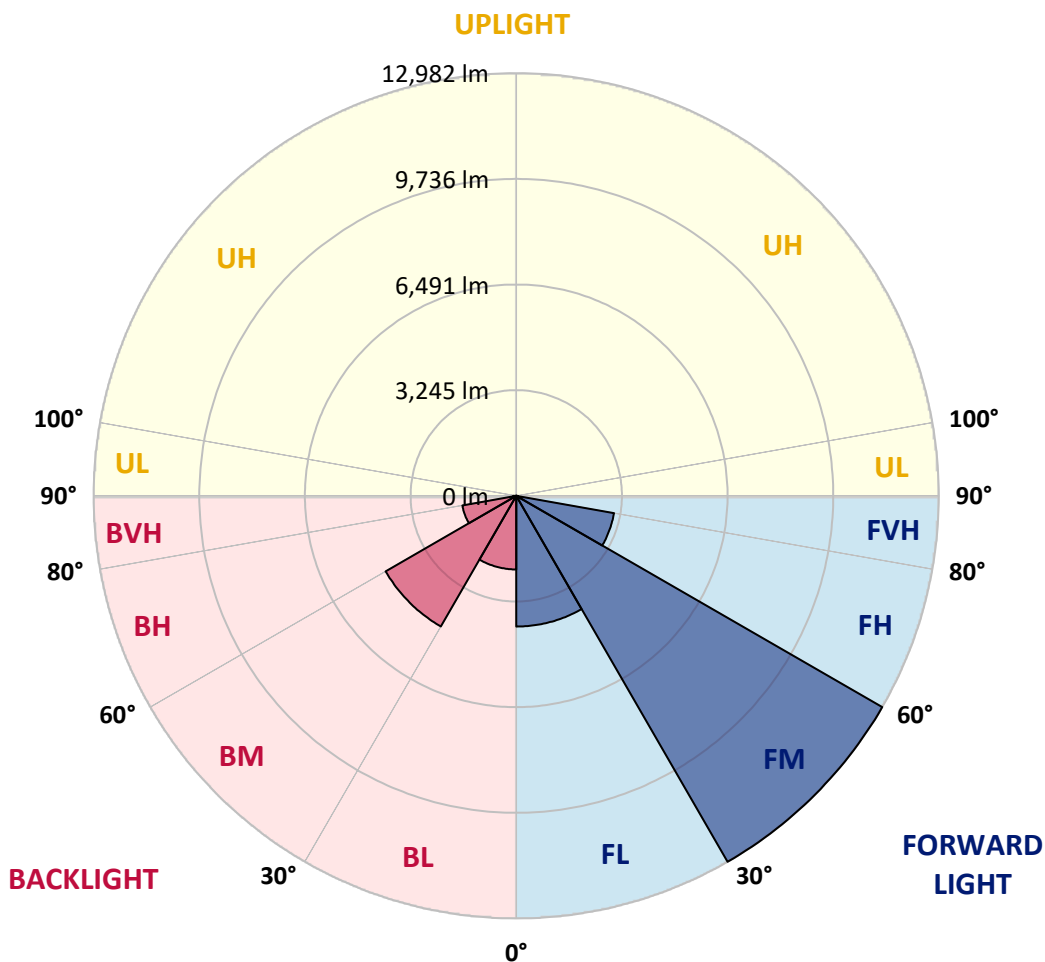


REPORT NUMBER: P654544  
 CATALOG NUMBER: GLAN-SA8B-840-U-SLR-GRSWH

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4016.2	14.0			
FM	(30°-60°)	12981.9	45.1			
FH	(60°-80°)	3050.2	10.6			G2/5000
FVH	(80°-90°)	55.6	0.2			G1/100
BL	(0°-30°)	2262.5	7.9	B3/2500		
BM	(30°-60°)	4633.8	16.1	B3/5000		
BH	(60°-80°)	1681.7	5.8	B3/2500		G3/2500
BVH	(80°-90°)	98.0	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 III Short





REPORT NUMBER: P654544

CATALOG NUMBER: GLAN-SA8B-840-U-SLR-GRSWH

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7
2.5°	12985.4	13193.9	12968.7	12568.3	12284.7	12026.0	11754.9	11700.7	11346.1	11283.5	11024.9
5°	12247.1	12201.2	11925.9	11400.3	10820.5	10294.9	9907.0	9531.6	9277.1	8981.0	8960.1
7.5°	11350.2	11083.3	10924.8	10128.1	9410.5	8584.7	8230.1	7658.6	7479.3	7212.2	7074.6
10°	10549.3	10353.3	9982.1	9185.3	8184.2	7637.7	7258.2	6949.4	6740.9	6465.6	6119.4
12.5°	10153.1	10073.8	9656.7	8421.9	7679.4	7095.4	6828.5	6528.2	6173.6	5731.4	5560.4
15°	10224.0	9957.0	9640.0	8275.9	7249.8	6686.7	6261.2	5885.7	5431.1	5009.8	4763.7
17.5°	10753.8	10549.3	9915.3	8367.7	7087.1	6273.7	5502.0	4947.2	4538.5	4158.8	3987.9
20°	11796.6	11500.4	10787.1	8484.5	6736.7	5698.0	4813.7	4129.6	3691.7	3491.4	3433.0
22.5°	12952.1	12776.9	11638.1	8747.3	6457.3	5164.2	4083.7	3399.7	3237.0	3182.8	3291.2
25°	14357.8	13903.1	12960.4	9177.0	6240.3	4709.4	3466.4	3086.8	3003.4	3057.6	3182.8
27.5°	15425.6	15304.7	13886.4	9581.6	5944.2	4163.0	3120.2	2869.9	2894.9	2949.1	3065.9
30°	16693.8	16080.6	14783.3	9861.1	5677.2	3787.6	2878.2	2811.5	2836.5	2928.3	2986.7
32.5°	17457.1	17227.7	15346.4	10282.4	5368.5	3462.2	2690.5	2628.0	2665.5	2803.1	2940.8
35°	18429.0	17974.4	16043.0	10390.8	5151.6	3332.9	2557.1	2511.1	2598.8	2694.7	2849.1
37.5°	19563.7	19250.8	17006.6	10315.8	5034.8	3199.4	2444.5	2423.6	2486.2	2619.6	2799.0
40°	20235.2	20139.3	17511.3	10361.6	4851.3	3082.6	2315.1	2340.2	2469.4	2573.7	2748.9
42.5°	20881.8	20256.1	18258.0	10345.0	4734.5	2924.2	2327.6	2298.5	2398.5	2519.5	2686.3
45°	21023.7	20402.1	18433.2	10228.2	4592.6	2769.7	2231.7	2244.2	2365.1	2515.3	2623.8
47.5°	20931.8	20473.0	18758.6	10194.8	4459.2	2661.3	2089.9	2240.0	2310.9	2431.9	2586.2
50°	20869.2	20844.3	19033.8	10353.3	4279.8	2490.3	1918.8	2185.8	2256.7	2377.7	2544.5
52.5°	21419.8	21365.7	19722.1	10770.4	4138.0	2306.8	1743.6	2048.2	2219.1	2336.0	2498.6
55°	21753.6	21515.8	20902.6	11283.5	3900.2	2064.8	1622.6	1877.1	2127.4	2231.7	2398.5
57.5°	19567.8	19405.1	18908.7	10532.7	3499.7	1747.8	1472.5	1701.9	2002.3	2164.9	2336.0
60°	16280.8	16026.3	14754.1	8951.7	2582.0	1359.9	1380.8	1564.3	1968.9	2031.4	2231.7
62.5°	15350.6	14720.7	12989.6	7203.9	1981.4	1168.0	1238.9	1439.1	1793.7	1898.0	2098.2
65°	12180.4	11713.2	9293.8	5201.7	1326.5	1013.7	1130.5	1297.3	1547.6	1752.0	1935.5
67.5°	7625.3	7178.9	4959.7	2461.1	926.0	867.7	1009.5	1184.6	1389.1	1572.6	1777.0
70°	3983.6	3495.6	2290.0	888.5	638.2	709.1	842.6	1009.5	1209.7	1359.9	1518.3
72.5°	1485.0	1205.5	746.6	383.7	442.2	542.3	684.1	805.1	946.9	1130.5	1218.0
75°	229.4	196.0	191.9	233.6	300.3	392.1	488.0	609.1	734.2	850.9	909.4
77.5°	108.5	104.3	116.8	154.3	200.2	279.5	354.6	471.4	571.5	646.6	679.9
80°	70.9	66.8	75.1	104.3	150.2	208.6	283.7	362.9	454.6	517.2	508.9
82.5°	41.7	45.9	45.9	70.9	104.3	150.2	204.4	275.3	337.9	392.1	358.8
85°	25.1	20.9	20.9	41.7	70.9	120.9	171.1	116.8	120.9	120.9	137.7
87.5°	8.3	8.3	8.3	4.2	8.3	8.3	12.5	20.9	25.1	29.2	37.5
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: P654544

CATALOG NUMBER: GLAN-SA8B-840-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7
2.5°	11016.5	11145.9	11099.9	10937.3	11062.4	11083.3	10999.9	11287.6	11341.9	11254.3	11279.3
5°	8930.8	8964.2	9039.3	9197.8	9310.5	9443.9	9443.9	9452.3	9339.6	9623.3	9539.9
7.5°	6957.8	6978.7	7066.3	7404.2	7500.1	7754.5	7863.0	7787.9	7562.7	7466.7	7546.0
10°	6006.8	5885.7	5856.6	5898.3	6115.2	6223.7	6315.4	6290.4	6252.8	6177.7	6094.3
12.5°	5372.7	5285.1	5214.2	5114.0	5126.6	5230.9	5301.7	5243.4	5260.0	5276.8	5301.7
15°	4684.5	4621.9	4584.3	4434.2	4417.4	4488.3	4513.4	4546.8	4609.4	4613.5	4584.3
17.5°	3954.5	3900.2	3983.6	4067.1	4008.7	4012.8	4058.8	4087.9	4071.3	3996.2	3958.6
20°	3453.9	3512.3	3595.7	3675.0	3737.6	3775.1	3791.7	3745.9	3691.7	3537.3	3533.1
22.5°	3307.9	3383.0	3453.9	3574.8	3633.3	3729.2	3641.6	3537.3	3462.2	3387.1	3299.6
25°	3199.4	3262.0	3403.9	3449.7	3562.3	3641.6	3579.0	3474.8	3345.4	3237.0	3170.2
27.5°	3120.2	3191.1	3282.8	3408.0	3495.6	3541.5	3478.9	3437.2	3303.7	3174.4	3078.5
30°	3070.2	3145.2	3312.0	3416.3	3491.4	3529.0	3420.5	3370.5	3274.5	3166.0	3082.6
32.5°	3036.8	3103.5	3245.3	3378.8	3428.8	3428.8	3445.6	3387.1	3253.7	3070.2	2999.2
35°	2928.3	3020.0	3136.8	3291.2	3383.0	3437.2	3353.7	3287.0	3199.4	3011.7	2882.4
37.5°	2865.7	2928.3	3078.5	3224.5	3303.7	3362.1	3328.8	3211.9	3095.1	2940.8	2836.5
40°	2799.0	2899.1	3032.6	3170.2	3257.9	3316.2	3291.2	3153.6	3011.7	2865.7	2794.8
42.5°	2753.1	2819.9	2957.5	3111.9	3216.2	3328.8	3253.7	3082.6	2982.5	2782.3	2703.1
45°	2715.6	2824.0	2970.0	3032.6	3141.1	3257.9	3124.3	3020.0	2903.3	2757.3	2690.5
47.5°	2669.7	2769.7	2865.7	3032.6	3082.6	3136.8	3111.9	2945.0	2844.9	2686.3	2640.5
50°	2653.0	2690.5	2865.7	2957.5	3028.4	3082.6	3015.9	2890.8	2794.8	2632.2	2532.0
52.5°	2586.2	2657.1	2769.7	2890.8	2978.3	3045.1	2936.6	2857.4	2728.0	2557.1	2494.5
55°	2502.8	2544.5	2744.8	2869.9	2915.7	2961.7	2920.0	2790.6	2657.1	2482.0	2419.4
57.5°	2394.3	2490.3	2653.0	2828.2	2886.6	2911.6	2844.9	2740.6	2573.7	2419.4	2319.3
60°	2281.7	2381.9	2561.2	2703.1	2761.4	2853.2	2753.1	2690.5	2498.6	2327.6	2219.1
62.5°	2169.1	2281.7	2415.2	2594.6	2644.6	2682.2	2657.1	2569.6	2415.2	2223.4	2089.9
65°	2035.6	2119.1	2285.9	2377.7	2411.1	2498.6	2411.1	2377.7	2240.0	2056.5	1943.9
67.5°	1835.4	1906.3	2052.3	2139.9	2164.9	2202.5	2198.3	2160.8	2006.5	1881.3	1781.2
70°	1606.0	1668.5	1760.3	1864.6	1877.1	1923.0	1881.3	1872.9	1772.8	1601.8	1547.6
72.5°	1288.9	1347.4	1468.3	1514.2	1518.3	1535.1	1514.2	1485.0	1460.0	1280.6	1226.3
75°	988.6	1022.0	1080.3	1122.1	1122.1	1142.9	1130.5	1101.2	1034.5	921.9	867.7
77.5°	688.3	721.7	796.8	821.7	817.6	825.9	788.4	759.2	659.1	600.6	554.8
80°	500.6	521.4	558.9	575.7	579.8	592.3	546.5	521.4	463.1	396.3	375.4
82.5°	362.9	375.4	379.6	400.5	400.5	379.6	367.1	342.0	300.3	258.6	242.0
85°	150.2	154.3	158.5	183.5	187.7	225.2	208.6	196.0	171.1	146.0	133.5
87.5°	37.5	41.7	54.2	45.9	54.2	54.2	58.4	66.8	66.8	54.2	54.2
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: P654544

CATALOG NUMBER: GLAN-SA8B-840-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7
2.5°	11375.3	11408.7	11834.1	11888.4	12096.9	12309.6	12739.3	13047.9	13298.2	13461.0	13506.8
5°	9627.5	9840.2	10036.2	10353.3	10641.1	11049.9	11521.3	12105.3	12839.4	13214.8	13365.0
7.5°	7537.6	7787.9	8071.6	8380.2	8801.6	9535.7	10165.6	10841.3	11779.9	12167.8	12756.0
10°	6152.8	6432.2	6807.6	7045.4	7554.3	8255.1	8989.3	9769.3	10666.2	11225.1	11905.0
12.5°	5439.4	5668.8	6015.1	6515.6	6895.3	7349.9	7896.4	8880.8	10165.6	10695.3	11162.5
15°	4651.1	4905.5	5306.0	5860.8	6315.4	6857.7	7470.9	8543.0	9911.1	10728.7	11125.0
17.5°	4000.3	4183.9	4605.1	5084.9	5606.3	6198.6	7078.8	8526.2	10178.1	11225.1	11871.6
20°	3549.9	3574.8	3804.3	4213.1	4922.2	5693.9	6836.8	8442.8	11033.2	12080.2	12897.8
22.5°	3266.2	3241.1	3245.3	3591.6	4087.9	5197.5	6457.3	8726.5	12005.2	13440.1	13990.7
25°	3124.3	3057.6	3015.9	3091.0	3541.5	4609.4	6169.4	9101.9	13052.2	14562.2	15237.9
27.5°	3049.3	2932.5	2849.1	2861.6	3191.1	4313.2	5990.0	9264.5	14090.8	16126.4	16364.2
30°	3020.0	2874.0	2753.1	2711.4	2928.3	3900.2	5606.3	9544.1	15021.0	16985.8	17190.1
32.5°	2915.7	2736.4	2619.6	2582.0	2669.7	3537.3	5331.0	9744.2	15842.8	17920.1	17849.2
35°	2794.8	2644.6	2498.6	2427.7	2490.3	3303.7	5109.9	9648.4	16810.6	18646.0	18608.4
37.5°	2782.3	2586.2	2465.3	2348.5	2344.3	3015.9	4809.6	9740.1	17427.9	19947.4	19434.3
40°	2673.9	2548.7	2390.2	2294.2	2240.0	2869.9	4517.6	9523.2	18333.1	20473.0	19968.3
42.5°	2678.0	2490.3	2352.6	2240.0	2185.8	2657.1	4317.4	9464.8	18650.1	21328.1	20218.6
45°	2611.3	2427.7	2310.9	2177.4	2148.3	2494.5	4125.4	9193.6	19209.1	21369.8	19905.7
47.5°	2544.5	2381.9	2256.7	2098.2	2031.4	2436.0	3975.3	8968.4	18917.1	20977.7	19471.8
50°	2498.6	2310.9	2194.2	2081.5	1893.8	2336.0	3779.3	8914.2	18508.3	20448.0	18666.8
52.5°	2419.4	2252.5	2131.6	2044.0	1743.6	2244.2	3704.2	9231.2	19008.9	20051.7	18433.2
55°	2344.3	2173.3	2018.9	1847.9	1618.5	2002.3	3495.6	9527.4	19738.9	20965.2	19492.7
57.5°	2265.1	2102.3	1935.5	1731.1	1497.5	1752.0	3278.7	9581.6	18370.6	19376.0	18504.1
60°	2160.8	1952.2	1827.1	1560.1	1368.2	1451.7	2598.8	8447.0	14249.3	16180.7	16209.9
62.5°	2044.0	1818.7	1710.3	1397.4	1234.8	1251.4	2119.1	7099.6	11558.8	13394.2	14190.9
65°	1889.6	1672.7	1543.4	1293.1	1138.8	1084.6	1551.7	5201.7	8780.7	10866.4	11771.6
67.5°	1689.4	1485.0	1322.3	1126.3	1017.8	930.2	1059.5	2928.3	5185.0	7295.7	7571.0
70°	1476.6	1301.4	1130.5	967.7	846.8	784.2	775.9	1297.3	2477.8	3925.3	4467.5
72.5°	1163.8	1038.6	901.0	780.0	700.8	609.1	554.8	538.1	838.5	1597.6	2206.6
75°	834.3	730.0	650.8	571.5	513.1	463.1	421.3	383.7	350.4	400.5	550.6
77.5°	525.6	488.0	425.5	404.6	371.2	358.8	342.0	321.2	296.2	279.5	279.5
80°	354.6	329.5	308.6	304.5	292.0	287.8	292.0	271.1	246.1	225.2	233.6
82.5°	237.8	233.6	229.4	225.2	229.4	233.6	242.0	237.8	216.9	204.4	208.6
85°	141.8	150.2	158.5	166.9	183.5	162.6	133.5	112.6	100.1	91.8	87.6
87.5°	54.2	75.1	66.8	62.6	66.8	62.6	58.4	54.2	45.9	41.7	41.7
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: P654544

CATALOG NUMBER: GLAN-SA8B-840-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7	12772.7
2.5°	13811.3	13894.7	13965.6	13949.0	13803.0	13607.0	13527.7	13123.0	13039.6	12985.4
5°	13999.0	14482.9	14587.2	14524.7	14145.0	13665.3	13198.1	12605.8	12259.6	12247.1
7.5°	13652.8	14249.3	14437.0	14578.9	14074.1	13239.9	12439.0	11550.5	11333.6	11350.2
10°	12772.7	13723.8	14186.7	14332.7	13753.0	13031.3	11921.8	11020.7	10557.7	10549.3
12.5°	12284.7	13031.3	13160.6	13365.0	13193.9	12464.0	11621.4	10611.9	10161.4	10153.1
15°	11850.8	12343.0	12380.6	12668.4	12760.2	12267.9	11700.7	10624.4	10261.5	10224.0
17.5°	12230.4	11888.4	11746.5	11784.1	12055.2	12234.6	12159.5	11333.6	10962.4	10753.8
20°	12484.9	11721.5	11291.9	11333.6	11654.7	12309.6	12843.6	12359.8	11771.6	11796.6
22.5°	13164.8	11746.5	11075.0	11029.0	11537.9	12701.8	13615.3	13657.0	13089.7	12952.1
25°	14182.6	12034.4	11008.2	10995.7	11483.8	13123.0	14516.3	15192.1	14612.2	14357.8
27.5°	15000.2	12484.9	11216.8	11258.5	11654.7	13465.1	15283.8	16180.7	15738.5	15425.6
30°	15717.6	12952.1	11508.7	11316.9	12113.6	13644.5	15613.3	17306.9	16952.4	16693.8
32.5°	16013.8	13615.3	11971.8	11654.7	12493.2	13861.4	16297.5	18399.8	18095.3	17457.1
35°	16514.4	13986.5	12222.1	12197.0	13156.4	14382.8	16618.7	19121.5	18996.3	18429.0
37.5°	16914.9	14361.9	13110.5	12835.3	14065.8	15258.8	17135.9	20118.4	19830.6	19563.7
40°	17223.5	15033.5	13940.7	14303.6	15183.8	16055.5	17611.5	20181.0	21011.1	20235.2
42.5°	16939.8	15634.2	15304.7	16172.3	17006.6	16964.9	17665.7	20664.9	21286.4	20881.8
45°	16868.9	16652.1	17461.3	18249.7	18441.5	17719.9	17277.8	20130.9	21203.0	21023.7
47.5°	16697.9	17653.2	19063.1	20347.8	20055.8	18224.6	16814.7	20035.0	21253.1	20931.8
50°	16639.5	17870.1	20247.7	21499.2	21324.0	18662.6	16597.8	19417.7	20898.5	20869.2
52.5°	16635.3	18316.4	20740.0	22124.9	22233.3	19355.1	16894.0	19730.5	21173.8	21419.8
55°	16823.0	18174.6	20677.4	21778.6	21736.9	19046.4	16927.3	19939.1	21511.7	21753.6
57.5°	15867.8	16280.8	17065.0	17936.8	17711.5	15776.1	15117.0	18433.2	19743.0	19567.8
60°	13702.9	12409.8	11525.5	11483.8	11045.8	10440.9	12372.2	16451.8	16451.8	16280.8
62.5°	12001.0	8146.7	6999.6	6674.2	6987.0	7683.6	11934.2	16001.3	15546.6	15350.6
65°	10495.1	6219.4	5059.9	4968.0	5510.3	6561.6	10791.3	13631.9	12831.1	12180.4
67.5°	6753.4	4555.1	3762.5	3599.9	4254.8	4817.9	7183.1	8384.4	7879.7	7625.3
70°	4354.9	2965.9	2094.0	1964.7	2219.1	2970.0	4588.5	4888.8	4154.7	3983.6
72.5°	2060.6	1280.6	734.2	604.8	679.9	1134.6	1814.5	1952.2	1622.6	1485.0
75°	654.9	471.4	300.3	258.6	246.1	292.0	417.1	321.2	233.6	229.4
77.5°	292.0	279.5	237.8	200.2	175.2	146.0	120.9	100.1	104.3	108.5
80°	242.0	221.1	196.0	175.2	146.0	112.6	87.6	66.8	66.8	70.9
82.5°	212.8	191.9	171.1	146.0	125.1	91.8	66.8	45.9	41.7	41.7
85°	91.8	108.5	116.8	125.1	100.1	75.1	45.9	29.2	25.1	25.1
87.5°	37.5	33.4	29.2	25.1	20.9	20.9	16.7	12.5	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)