

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: P532996

Luminaire Tested: **GLAN-SA8B-827-U-SLR-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P532996
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-827-U-SLR-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 80 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: 25156 lumens
Efficiency: N/A
Efficacy: 77.4 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



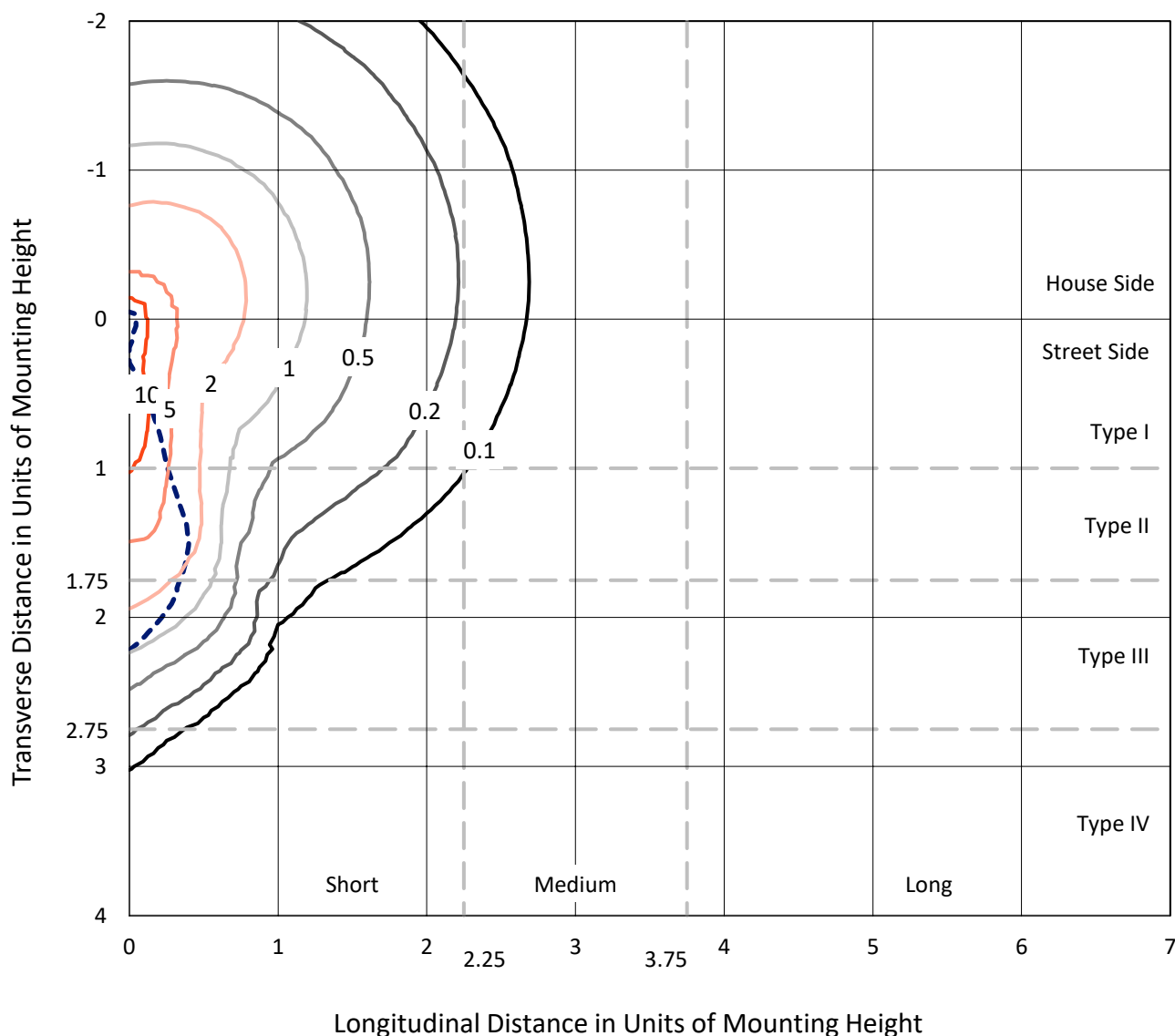
REPORT NUMBER: P532996

CATALOG NUMBER: GLAN-SA8B-827-U-SLR-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

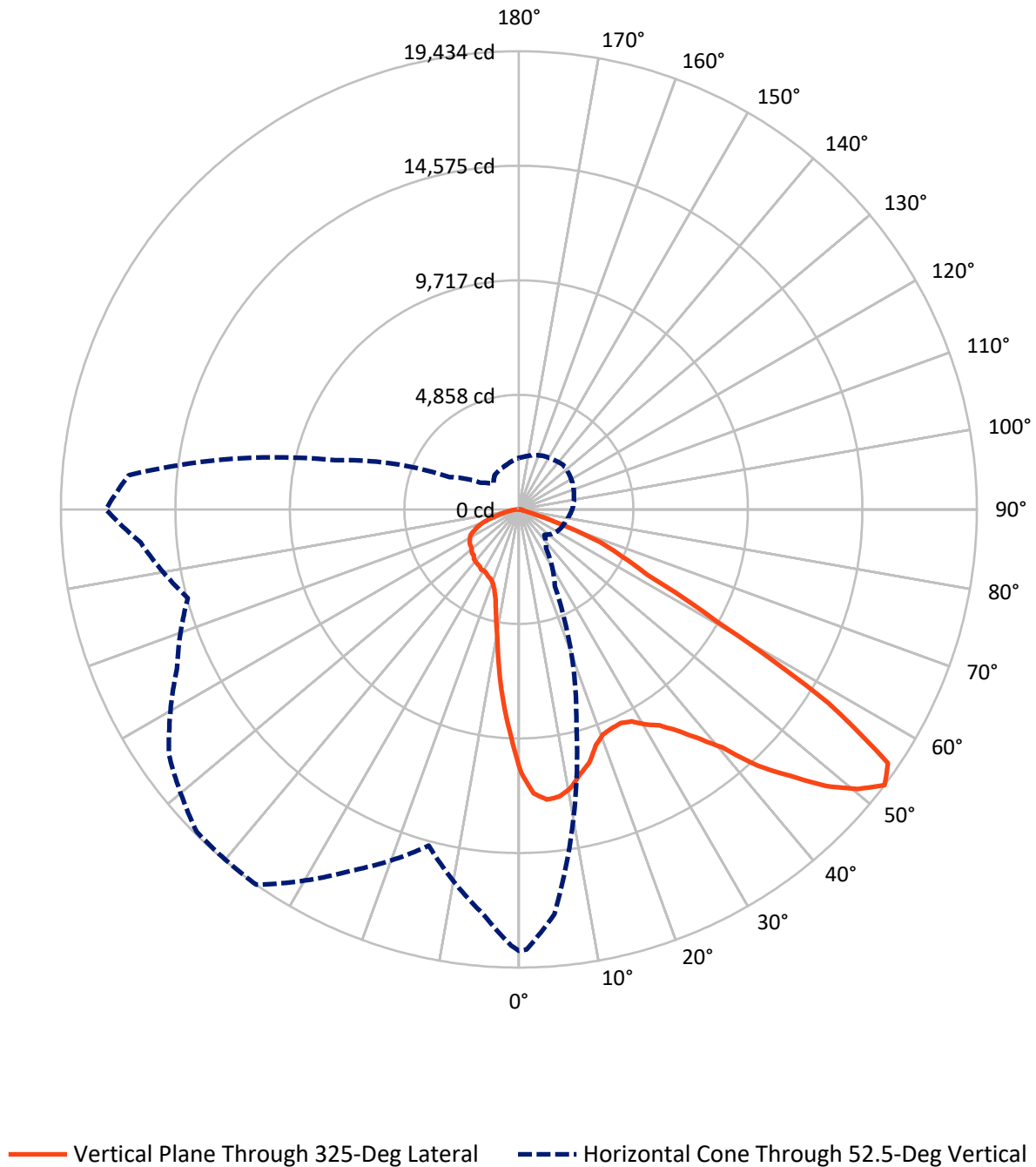


Based on 25 foot mounting height. Maximum calculated value = 17.9 fc

Type III - Short - N/A

REPORT NUMBER: P532996
CATALOG NUMBER: GLAN-SA8B-827-U-SLR-GRSWH

Luminous Intensity Polar Plot



REPORT NUMBER: P532996

CATALOG NUMBER: GLAN-SA8B-827-U-SLR-GRSWH

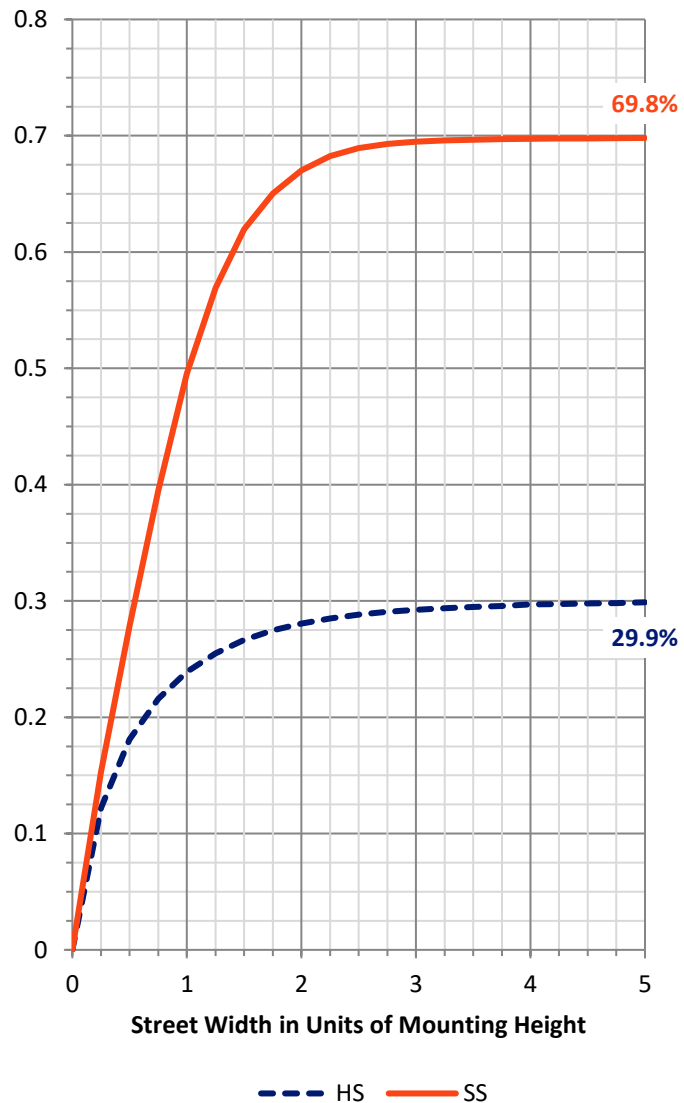
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7583.5	0.0	7583.5
	% Fixture	30.1	0.0	30.1
Street Side	Lumens	17572.5	0.0	17572.5
	% Fixture	69.9	0.0	69.9
Total	Lumens	25156.0	0.0	25156.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	851.7	3.4
10°-20°	1846.5	7.3
20°-30°	2789.8	11.1
30°-40°	4031.4	16.0
40°-50°	5365.1	21.3
50°-60°	6001.0	23.9
60°-70°	3382.1	13.4
70°-80°	753.9	3.0
80°-90°	134.3	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°	25156.0	100.0
0°-180°	25156.0	100.0

Coefficient of Utilization



REPORT NUMBER: P532996

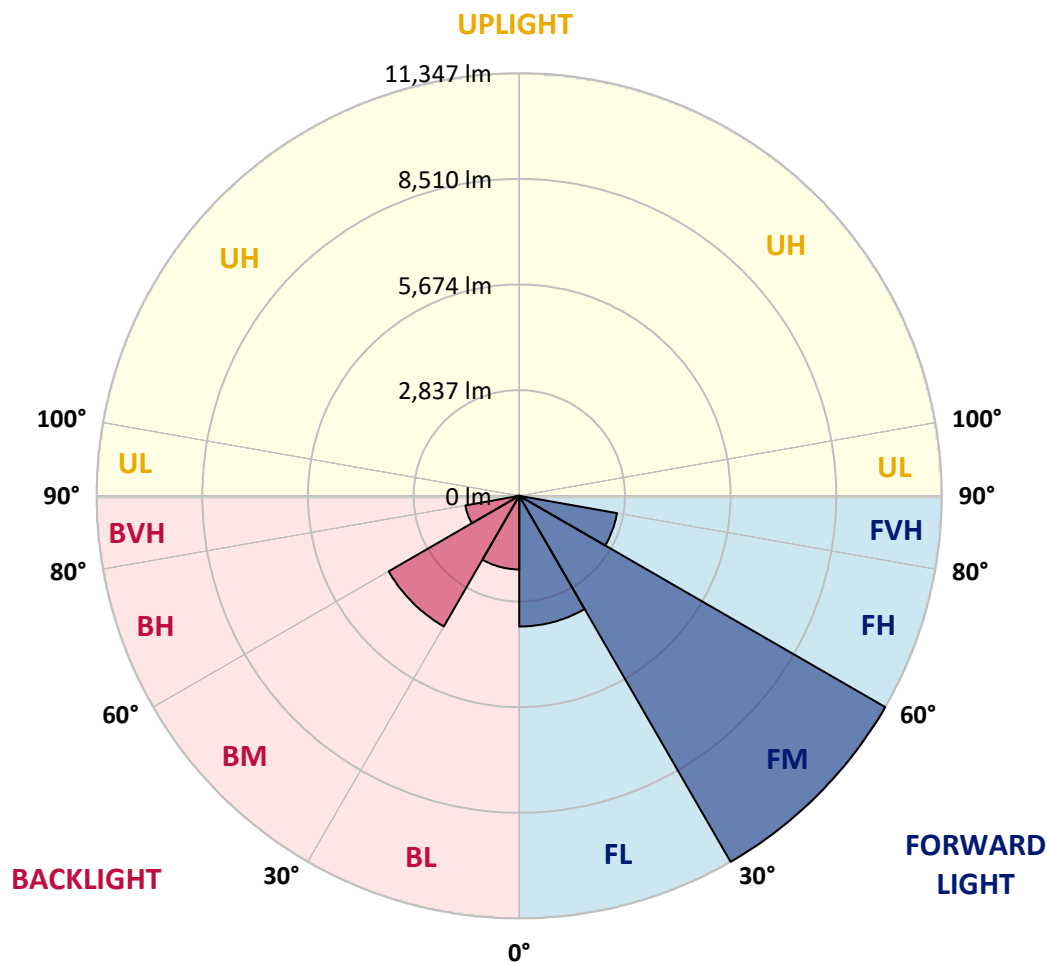
CATALOG NUMBER: GLAN-SA8B-827-U-SLR-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3510.5	14.0			
FM	(30°-60°)	11347.3	45.1			
FH	(60°-80°)	2666.2	10.6			G2/5000
FVH	(80°-90°)	48.6	0.2			G1/100
BL	(0°-30°)	1977.6	7.9	B3/2500		
BM	(30°-60°)	4050.3	16.1	B3/5000		
BH	(60°-80°)	1469.9	5.8	B3/2500		G3/2500
BVH	(80°-90°)	85.6	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: P532996

CATALOG NUMBER: GLAN-SA8B-827-U-SLR-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4
2.5°	11350.3	11532.6	11335.8	10985.7	10737.8	10511.7	10274.7	10227.3	9917.4	9862.7	9636.7
5°	10705.0	10664.9	10424.2	9964.8	9458.0	8998.6	8659.5	8331.4	8108.9	7850.1	7831.8
7.5°	9921.1	9687.7	9549.2	8852.8	8225.6	7503.7	7193.8	6694.3	6537.5	6304.1	6183.8
10°	9221.0	9049.6	8725.1	8028.7	7153.7	6676.0	6344.2	6074.4	5892.1	5651.5	5348.8
12.5°	8874.6	8805.4	8440.7	7361.5	6712.5	6202.0	5968.7	5706.2	5396.2	5009.8	4860.3
15°	8936.6	8703.3	8426.2	7233.9	6336.9	5844.7	5472.8	5144.7	4747.2	4379.0	4163.9
17.5°	9399.7	9221.0	8666.8	7314.1	6194.7	5483.7	4809.2	4324.3	3967.0	3635.2	3485.7
20°	10311.2	10052.3	9428.8	7416.2	5888.5	4980.6	4207.6	3609.6	3226.8	3051.8	3000.7
22.5°	11321.2	11168.0	10172.6	7645.9	5644.2	4513.9	3569.5	2971.6	2829.4	2782.0	2876.8
25°	12549.9	12152.5	11328.5	8021.4	5454.6	4116.5	3029.9	2698.1	2625.2	2672.6	2782.0
27.5°	13483.3	13377.6	12137.9	8375.1	5195.7	3638.8	2727.3	2508.5	2530.4	2577.8	2679.9
30°	14591.7	14055.8	12921.8	8619.4	4962.4	3310.7	2515.8	2457.5	2479.4	2559.6	2610.6
32.5°	15259.0	15058.4	13414.0	8987.7	4692.5	3026.3	2351.7	2297.0	2329.9	2450.2	2570.5
35°	16108.5	15711.1	14022.9	9082.5	4502.9	2913.2	2235.1	2195.0	2271.5	2355.4	2490.3
37.5°	17100.3	16826.8	14865.2	9016.8	4400.9	2796.6	2136.6	2118.4	2173.1	2289.8	2446.5
40°	17687.3	17603.4	15306.4	9056.9	4240.4	2694.5	2023.6	2045.5	2158.5	2249.6	2402.8
42.5°	18252.4	17705.5	15959.0	9042.4	4138.3	2555.9	2034.5	2009.0	2096.5	2202.3	2348.1
45°	18376.4	17833.1	16112.2	8940.3	4014.4	2421.0	1950.7	1961.6	2067.3	2198.6	2293.4
47.5°	18296.2	17895.1	16396.6	8911.1	3897.7	2326.2	1826.7	1958.0	2019.9	2125.7	2260.6
50°	18241.5	18219.6	16637.2	9049.6	3740.9	2176.7	1677.2	1910.6	1972.5	2078.3	2224.1
52.5°	18722.8	18675.4	17238.8	9414.3	3616.9	2016.3	1524.1	1790.2	1939.7	2041.8	2184.0
55°	19014.5	18806.6	18270.7	9862.7	3409.1	1804.8	1418.3	1640.7	1859.5	1950.7	2096.5
57.5°	17103.9	16961.7	16527.8	9206.4	3059.1	1527.7	1287.1	1487.6	1750.1	1892.3	2041.8
60°	14230.8	14008.4	12896.3	7824.6	2256.9	1188.6	1206.9	1367.3	1721.0	1775.7	1950.7
62.5°	13417.7	12867.1	11354.0	6296.8	1731.9	1020.9	1082.9	1257.9	1567.8	1659.0	1834.0
65°	10646.6	10238.3	8123.5	4546.7	1159.5	886.0	988.1	1133.9	1352.7	1531.4	1691.8
67.5°	6665.1	6275.0	4335.2	2151.2	809.4	758.4	882.4	1035.5	1214.2	1374.6	1553.2
70°	3482.0	3055.4	2001.7	776.6	557.9	619.8	736.5	882.4	1057.4	1188.6	1327.2
72.5°	1298.0	1053.7	652.7	335.4	386.5	474.0	598.0	703.7	827.7	988.1	1064.7
75°	200.5	171.4	167.7	204.2	262.5	342.7	426.6	532.3	641.7	743.8	794.9
77.5°	94.8	91.2	102.1	134.9	175.0	244.3	309.9	412.0	499.5	565.1	594.3
80°	62.0	58.3	65.6	91.2	131.3	182.3	247.9	317.2	397.4	452.1	444.8
82.5°	36.5	40.1	40.1	62.0	91.2	131.3	178.7	240.6	295.3	342.7	313.6
85°	21.9	18.2	18.2	36.5	62.0	105.7	149.5	102.1	105.7	105.7	120.3
87.5°	7.3	7.3	7.3	3.6	7.3	7.3	10.9	18.2	21.9	25.5	32.8
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: P532996

CATALOG NUMBER: GLAN-SA8B-827-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4
2.5°	9629.4	9742.4	9702.3	9560.1	9669.5	9687.7	9614.8	9866.4	9913.8	9837.2	9859.1
5°	7806.3	7835.5	7901.1	8039.7	8138.1	8254.8	8254.8	8262.1	8163.6	8411.6	8338.7
7.5°	6081.7	6099.9	6176.5	6471.8	6555.7	6778.1	6872.9	6807.3	6610.4	6526.5	6595.8
10°	5250.4	5144.7	5119.1	5155.6	5345.2	5440.0	5520.2	5498.3	5465.5	5399.9	5327.0
12.5°	4696.2	4619.6	4557.6	4470.1	4481.1	4572.2	4634.2	4583.2	4597.7	4612.3	4634.2
15°	4094.6	4039.9	4007.1	3875.8	3861.2	3923.2	3945.1	3974.3	4029.0	4032.6	4007.1
17.5°	3456.5	3409.1	3482.0	3555.0	3503.9	3507.6	3547.7	3573.2	3558.6	3493.0	3460.2
20°	3019.0	3070.0	3142.9	3212.2	3266.9	3299.7	3314.3	3274.2	3226.8	3091.9	3088.3
22.5°	2891.4	2957.0	3019.0	3124.7	3175.8	3259.6	3183.1	3091.9	3026.3	2960.6	2884.1
25°	2796.6	2851.3	2975.2	3015.3	3113.8	3183.1	3128.4	3037.2	2924.2	2829.4	2771.0
27.5°	2727.3	2789.3	2869.5	2978.9	3055.4	3095.5	3040.9	3004.4	2887.7	2774.7	2690.8
30°	2683.5	2749.2	2895.0	2986.2	3051.8	3084.6	2989.8	2946.1	2862.2	2767.4	2694.5
32.5°	2654.4	2712.7	2836.7	2953.3	2997.1	2997.1	3011.7	2960.6	2844.0	2683.5	2621.6
35°	2559.6	2639.8	2741.9	2876.8	2957.0	3004.4	2931.5	2873.1	2796.6	2632.5	2519.5
37.5°	2504.9	2559.6	2690.8	2818.4	2887.7	2938.8	2909.6	2807.5	2705.4	2570.5	2479.4
40°	2446.5	2534.0	2650.7	2771.0	2847.6	2898.7	2876.8	2756.5	2632.5	2504.9	2442.9
42.5°	2406.4	2464.8	2585.1	2720.0	2811.2	2909.6	2844.0	2694.5	2607.0	2432.0	2362.7
45°	2373.6	2468.4	2596.0	2650.7	2745.5	2847.6	2730.9	2639.8	2537.7	2410.1	2351.7
47.5°	2333.5	2421.0	2504.9	2650.7	2694.5	2741.9	2720.0	2574.2	2486.6	2348.1	2308.0
50°	2318.9	2351.7	2504.9	2585.1	2647.1	2694.5	2636.1	2526.8	2442.9	2300.7	2213.2
52.5°	2260.6	2322.6	2421.0	2526.8	2603.3	2661.7	2566.9	2497.6	2384.6	2235.1	2180.4
55°	2187.7	2224.1	2399.1	2508.5	2548.6	2588.7	2552.3	2439.2	2322.6	2169.4	2114.7
57.5°	2092.9	2176.7	2318.9	2472.1	2523.1	2545.0	2486.6	2395.5	2249.6	2114.7	2027.2
60°	1994.4	2081.9	2238.7	2362.7	2413.7	2493.9	2406.4	2351.7	2184.0	2034.5	1939.7
62.5°	1896.0	1994.4	2111.1	2267.9	2311.6	2344.4	2322.6	2246.0	2111.1	1943.4	1826.7
65°	1779.3	1852.2	1998.1	2078.3	2107.5	2184.0	2107.5	2078.3	1958.0	1797.5	1699.1
67.5°	1604.3	1666.3	1793.9	1870.5	1892.3	1925.1	1921.5	1888.7	1753.8	1644.4	1556.9
70°	1403.8	1458.4	1538.7	1629.8	1640.7	1680.9	1644.4	1637.1	1549.6	1400.1	1352.7
72.5°	1126.6	1177.7	1283.4	1323.5	1327.2	1341.8	1323.5	1298.0	1276.1	1119.4	1072.0
75°	864.1	893.3	944.3	980.8	980.8	999.0	988.1	962.6	904.2	805.8	758.4
77.5°	601.6	630.8	696.4	718.3	714.6	721.9	689.1	663.6	576.1	525.0	484.9
80°	437.5	455.8	488.6	503.2	506.8	517.7	477.6	455.8	404.7	346.4	328.1
82.5°	317.2	328.1	331.8	350.0	350.0	331.8	320.9	299.0	262.5	226.1	211.5
85°	131.3	134.9	138.6	160.4	164.1	196.9	182.3	171.4	149.5	127.6	116.7
87.5°	32.8	36.5	47.4	40.1	47.4	47.4	51.0	58.3	58.3	47.4	47.4
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: P532996

CATALOG NUMBER: GLAN-SA8B-827-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4
2.5°	9942.9	9972.1	10344.0	10391.4	10573.7	10759.7	11135.2	11405.0	11623.8	11766.0	11806.1
5°	8415.2	8601.2	8772.5	9049.6	9301.2	9658.5	10070.6	10581.0	11222.7	11550.9	11682.1
7.5°	6588.5	6807.3	7055.2	7325.0	7693.3	8335.0	8885.6	9476.2	10296.6	10635.7	11149.8
10°	5378.0	5622.3	5950.5	6158.3	6603.1	7215.7	7857.4	8539.2	9323.1	9811.7	10406.0
12.5°	4754.5	4955.1	5257.7	5695.2	6027.0	6424.4	6902.1	7762.6	8885.6	9348.6	9757.0
15°	4065.4	4287.8	4637.9	5122.8	5520.2	5994.2	6530.2	7467.2	8663.2	9377.8	9724.2
17.5°	3496.6	3657.0	4025.3	4444.6	4900.4	5418.1	6187.4	7452.6	8896.5	9811.7	10376.8
20°	3102.8	3124.7	3325.3	3682.6	4302.4	4976.9	5976.0	7379.7	9644.0	10559.1	11273.8
22.5°	2854.9	2833.0	2836.7	3139.3	3573.2	4543.1	5644.2	7627.7	10493.5	11747.8	12229.1
25°	2730.9	2672.6	2636.1	2701.8	3095.5	4029.0	5392.6	7955.8	11408.7	12728.6	13319.2
27.5°	2665.3	2563.2	2490.3	2501.2	2789.3	3770.1	5235.8	8098.0	12316.6	14095.9	14303.7
30°	2639.8	2512.2	2406.4	2370.0	2559.6	3409.1	4900.4	8342.3	13129.6	14847.0	15025.6
32.5°	2548.6	2391.8	2289.8	2256.9	2333.5	3091.9	4659.7	8517.3	13847.9	15663.7	15601.7
35°	2442.9	2311.6	2184.0	2122.0	2176.7	2887.7	4466.5	8433.5	14693.8	16298.1	16265.3
37.5°	2432.0	2260.6	2154.9	2052.8	2049.1	2636.1	4204.0	8513.7	15233.4	17435.7	16987.2
40°	2337.2	2227.8	2089.2	2005.4	1958.0	2508.5	3948.7	8324.1	16024.7	17895.1	17453.9
42.5°	2340.8	2176.7	2056.4	1958.0	1910.6	2322.6	3773.7	8273.0	16301.8	18642.6	17672.7
45°	2282.5	2122.0	2019.9	1903.3	1877.7	2180.4	3606.0	8036.0	16790.3	18679.0	17399.2
47.5°	2224.1	2081.9	1972.5	1834.0	1775.7	2129.3	3474.7	7839.1	16535.1	18336.3	17020.0
50°	2184.0	2019.9	1917.9	1819.4	1655.3	2041.8	3303.4	7791.7	16177.8	17873.2	16316.3
52.5°	2114.7	1968.9	1863.2	1786.6	1524.1	1961.6	3237.7	8068.8	16615.3	17526.8	16112.2
55°	2049.1	1899.6	1764.7	1615.2	1414.7	1750.1	3055.4	8327.7	17253.4	18325.3	17038.3
57.5°	1979.8	1837.6	1691.8	1513.1	1309.0	1531.4	2865.8	8375.1	16057.5	16936.2	16174.1
60°	1888.7	1706.4	1597.0	1363.6	1195.9	1268.8	2271.5	7383.4	12455.1	14143.3	14168.8
62.5°	1786.6	1589.7	1494.9	1221.4	1079.2	1093.8	1852.2	6205.7	10103.4	11707.7	12404.1
65°	1651.7	1462.1	1349.1	1130.3	995.4	948.0	1356.4	4546.7	7675.1	9498.1	10289.3
67.5°	1476.7	1298.0	1155.8	984.4	889.7	813.1	926.1	2559.6	4532.1	6377.0	6617.7
70°	1290.7	1137.6	988.1	845.9	740.2	685.5	678.2	1133.9	2165.8	3431.0	3905.0
72.5°	1017.3	907.9	787.6	681.8	612.5	532.3	484.9	470.3	732.9	1396.5	1928.8
75°	729.2	638.1	568.8	499.5	448.5	404.7	368.3	335.4	306.3	350.0	481.3
77.5°	459.4	426.6	371.9	353.7	324.5	313.6	299.0	280.8	258.9	244.3	244.3
80°	309.9	288.0	269.8	266.2	255.2	251.6	255.2	237.0	215.1	196.9	204.2
82.5°	207.8	204.2	200.5	196.9	200.5	204.2	211.5	207.8	189.6	178.7	182.3
85°	124.0	131.3	138.6	145.8	160.4	142.2	116.7	98.4	87.5	80.2	76.6
87.5°	47.4	65.6	58.3	54.7	58.3	54.7	51.0	47.4	40.1	36.5	36.5
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: P532996

CATALOG NUMBER: GLAN-SA8B-827-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4	11164.4
2.5°	12072.3	12145.2	12207.2	12192.6	12065.0	11893.6	11824.3	11470.7	11397.7	11350.3
5°	12236.3	12659.3	12750.4	12695.8	12364.0	11944.7	11536.3	11018.5	10715.9	10705.0
7.5°	11933.7	12455.1	12619.2	12743.2	12302.0	11572.8	10872.7	10096.1	9906.5	9921.1
10°	11164.4	11995.7	12400.4	12528.0	12021.2	11390.4	10420.6	9633.0	9228.3	9221.0
12.5°	10737.8	11390.4	11503.5	11682.1	11532.6	10894.6	10158.1	9275.7	8881.9	8874.6
15°	10358.6	10788.8	10821.7	11073.2	11153.4	10723.2	10227.3	9286.6	8969.4	8936.6
17.5°	10690.4	10391.4	10267.4	10300.3	10537.3	10694.0	10628.4	9906.5	9582.0	9399.7
20°	10912.8	10245.6	9870.0	9906.5	10187.2	10759.7	11226.4	10803.4	10289.3	10311.2
22.5°	11507.1	10267.4	9680.4	9640.3	10085.1	11102.4	11900.9	11937.4	11441.5	11321.2
25°	12396.8	10519.0	9622.1	9611.1	10037.7	11470.7	12688.5	13279.1	12772.3	12549.9
27.5°	13111.4	10912.8	9804.4	9840.8	10187.2	11769.6	13359.3	14143.3	13756.8	13483.3
30°	13738.5	11321.2	10059.6	9891.9	10588.3	11926.4	13647.4	15127.7	14817.8	14591.7
32.5°	13997.4	11900.9	10464.3	10187.2	10920.1	12116.0	14245.3	16083.0	15816.8	15259.0
35°	14434.9	12225.4	10683.1	10661.2	11499.8	12571.8	14526.1	16713.8	16604.4	16108.5
37.5°	14785.0	12553.6	11459.7	11219.1	12294.7	13337.5	14978.2	17585.2	17333.6	17100.3
40°	15054.8	13140.6	12185.3	12502.5	13271.8	14033.9	15393.9	17639.9	18365.5	17687.3
42.5°	14806.9	13665.6	13377.6	14136.0	14865.2	14828.7	15441.3	18062.8	18606.1	18252.4
45°	14744.9	14555.3	15262.6	15951.7	16119.5	15488.7	15102.2	17596.1	18533.2	18376.4
47.5°	14595.4	15430.3	16662.7	17785.7	17530.5	15929.9	14697.5	17512.3	18576.9	18296.2
50°	14544.3	15619.9	17698.2	18792.0	18638.9	16312.7	14507.9	16972.6	18267.0	18241.5
52.5°	14540.7	16010.1	18128.5	19339.0	19433.8	16917.9	14766.7	17246.1	18507.7	18722.8
55°	14704.8	15886.1	18073.8	19036.3	18999.9	16648.1	14795.9	17428.4	18803.0	19014.5
57.5°	13869.8	14230.8	14916.2	15678.3	15481.4	13789.6	13213.5	16112.2	17257.0	17103.9
60°	11977.5	10847.2	10074.2	10037.7	9654.9	9126.2	10814.4	14380.3	14380.3	14230.8
62.5°	10489.9	7120.9	6118.2	5833.8	6107.2	6716.1	10431.5	13986.5	13589.1	13417.7
65°	9173.6	5436.3	4422.7	4342.5	4816.5	5735.3	9432.5	11915.5	11215.4	10646.6
67.5°	5903.1	3981.6	3288.8	3146.6	3719.0	4211.3	6278.6	7328.7	6887.5	6665.1
70°	3806.5	2592.4	1830.3	1717.3	1939.7	2596.0	4010.7	4273.2	3631.5	3482.0
72.5°	1801.2	1119.4	641.7	528.7	594.3	991.7	1586.1	1706.4	1418.3	1298.0
75°	572.4	412.0	262.5	226.1	215.1	255.2	364.6	280.8	204.2	200.5
77.5°	255.2	244.3	207.8	175.0	153.1	127.6	105.7	87.5	91.2	94.8
80°	211.5	193.2	171.4	153.1	127.6	98.4	76.6	58.3	58.3	62.0
82.5°	186.0	167.7	149.5	127.6	109.4	80.2	58.3	40.1	36.5	36.5
85°	80.2	94.8	102.1	109.4	87.5	65.6	40.1	25.5	21.9	21.9
87.5°	32.8	29.2	25.5	21.9	18.2	18.2	14.6	10.9	7.3	7.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)