

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: P530966

Luminaire Tested: **GLAN-SA6B-727-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P530966
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-SA6B-727-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 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: 21016 lumens
Efficiency: N/A
Efficacy: 86.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G3

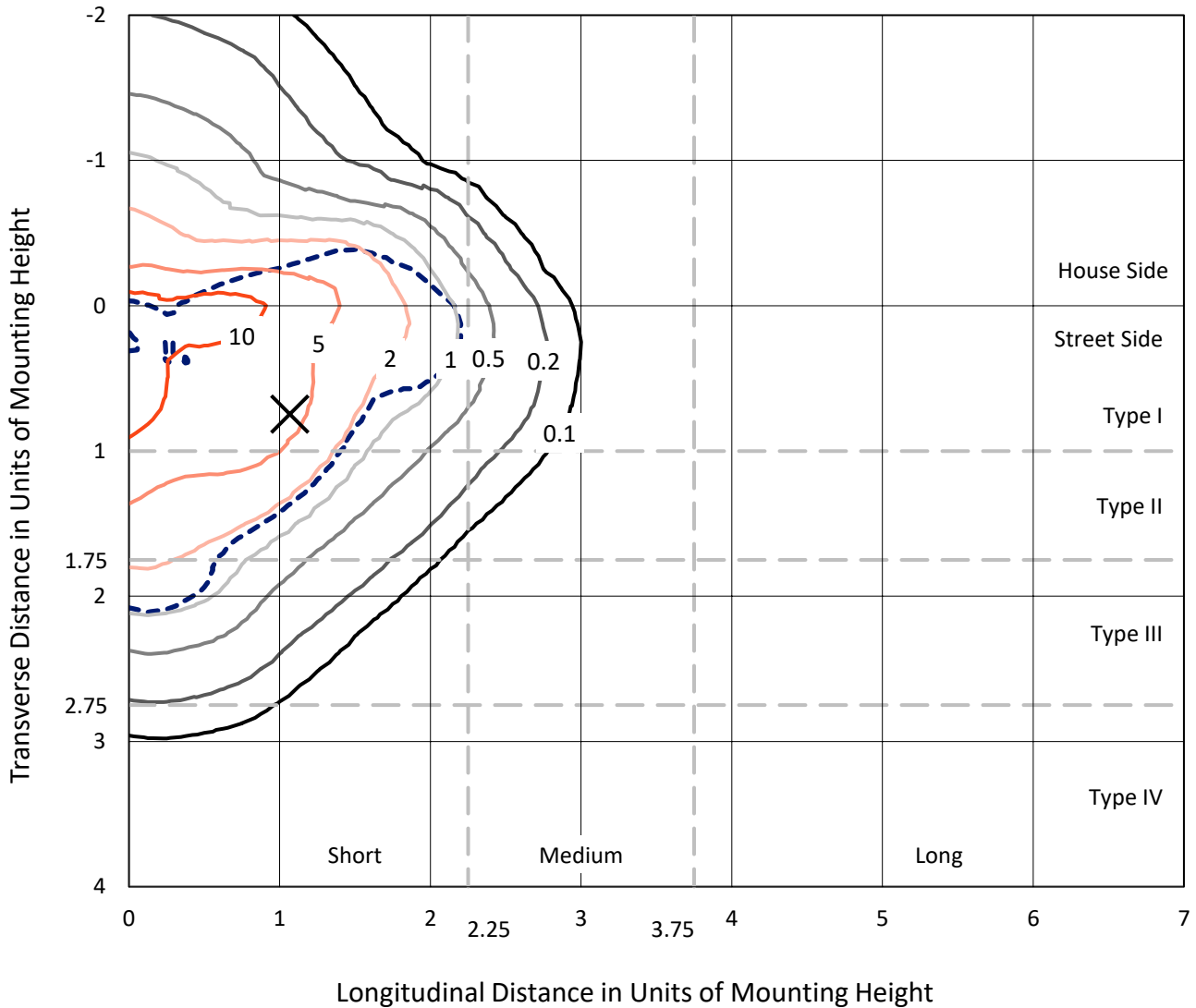
Input Watts (W): 243
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P530966
 CATALOG NUMBER: GLAN-SA6B-727-U-SLL-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

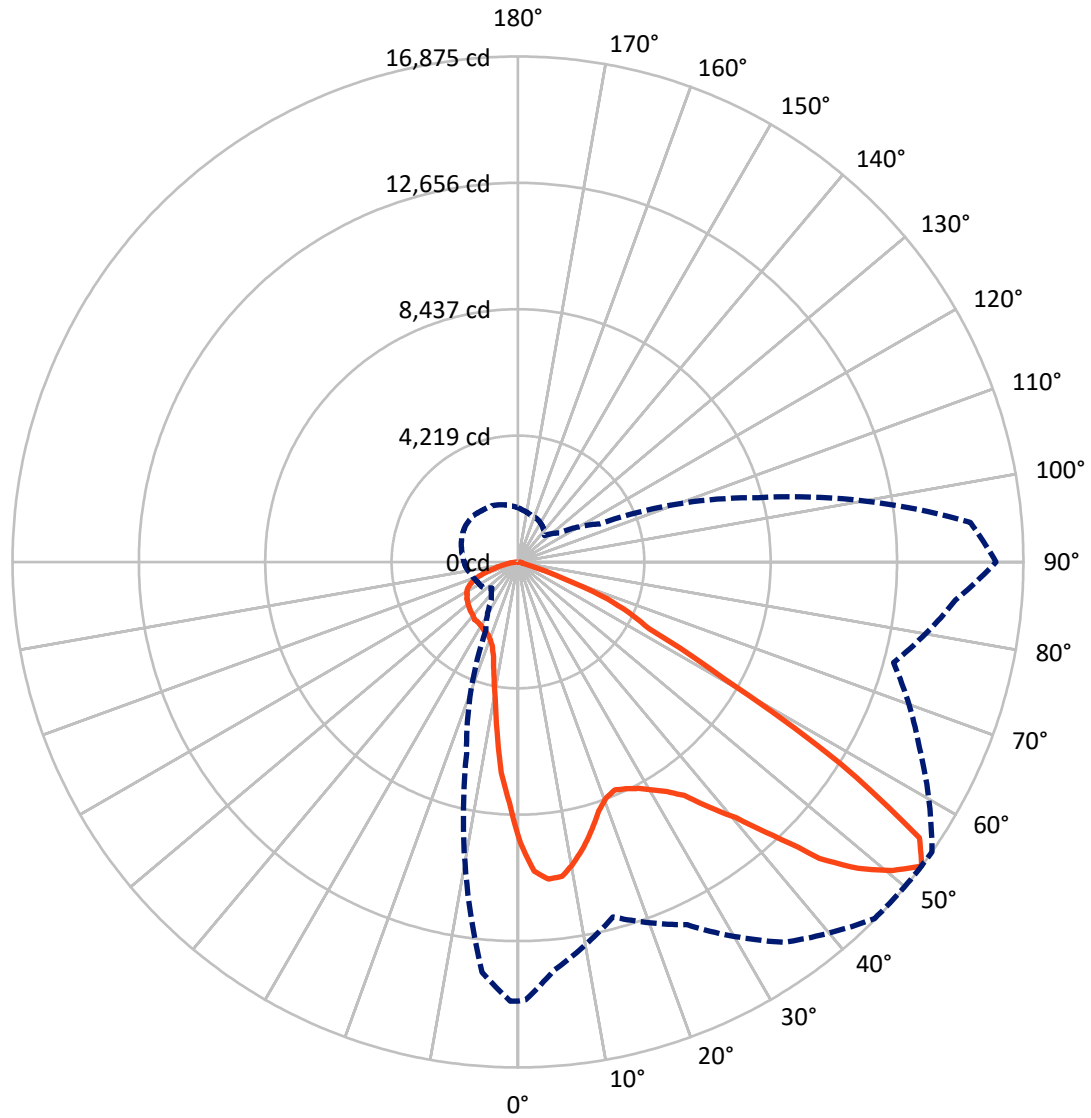
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15.9 fc
 Type II - Short - N/A

REPORT NUMBER: P530966
CATALOG NUMBER: GLAN-SA6B-727-U-SLL-GRSWH

Luminous Intensity Polar Plot



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

REPORT NUMBER: P530966
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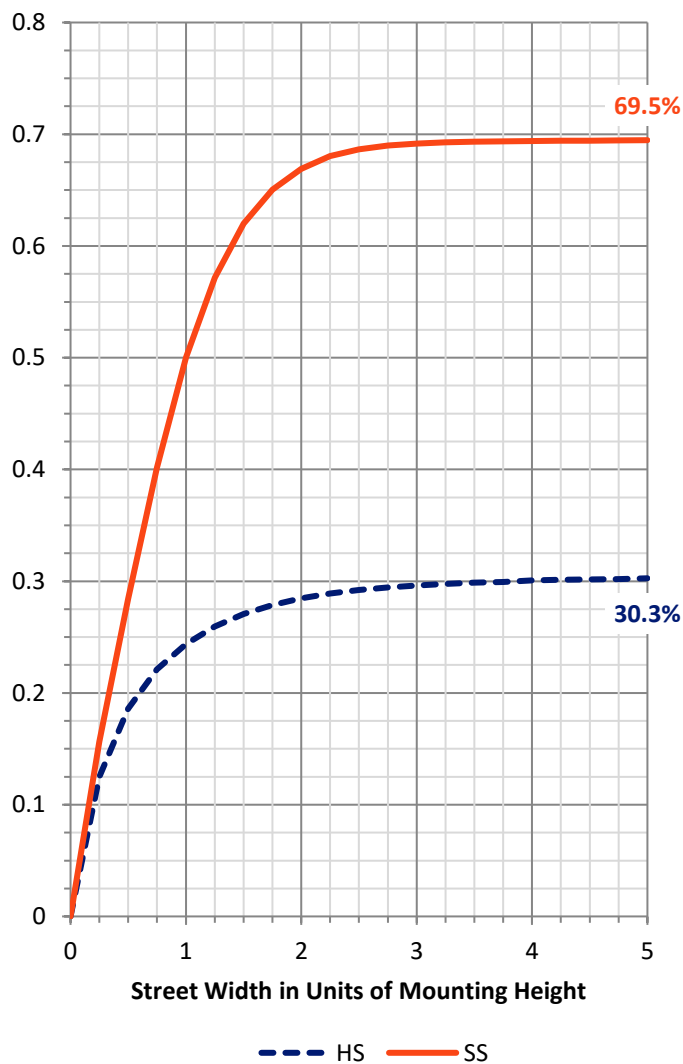
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6411.0	0.0	6411.0
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	14605.0	0.0	14605.0
	% Fixture	69.5	0.0	69.5
Total	Lumens	21016.0	0.0	21016.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	716.2	3.4
10°-20°	1544.2	7.3
20°-30°	2341.6	11.1
30°-40°	3383.2	16.1
40°-50°	4520.9	21.5
50°-60°	5046.3	24.0
60°-70°	2768.2	13.2
70°-80°	598.5	2.8
80°-90°	96.8	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°	21016.0	100.0
0°-180°	21016.0	100.0

Coefficient of Utilization



REPORT NUMBER: P530966

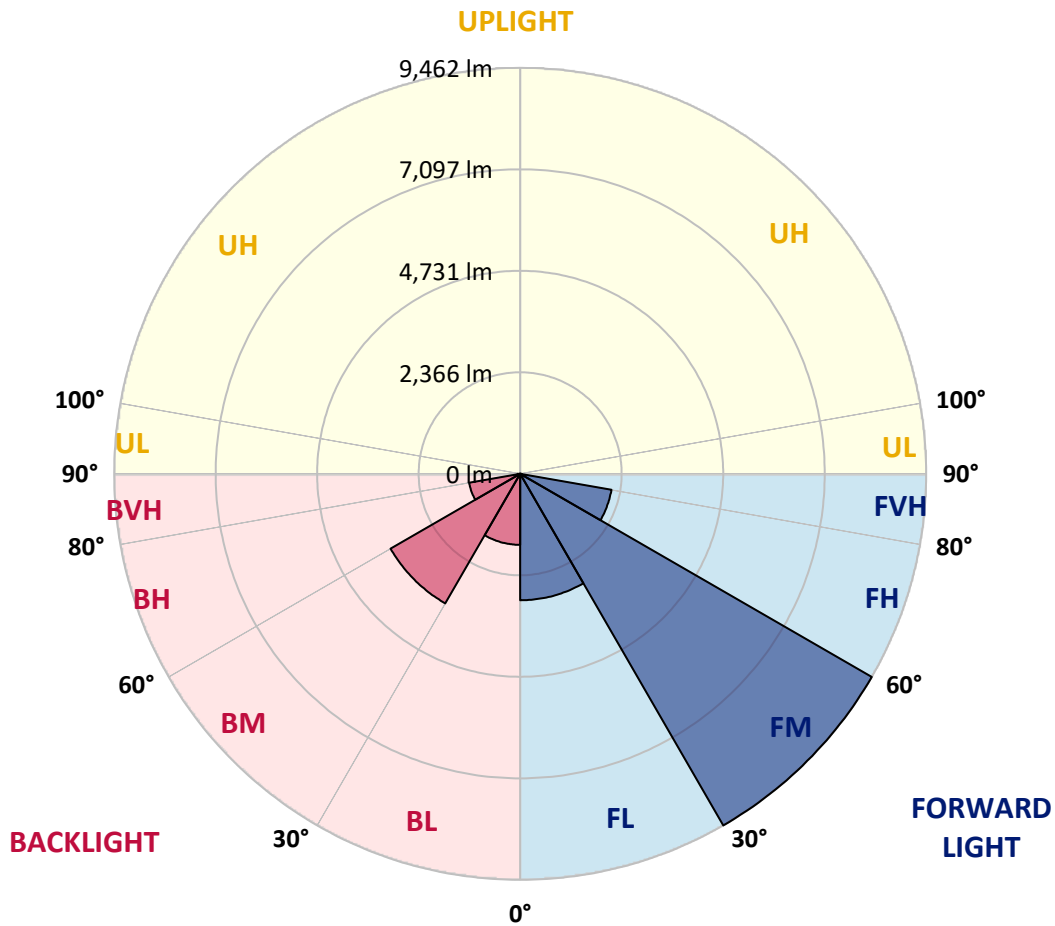
CATALOG NUMBER: GLAN-SA6B-727-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2946.8	14.0			
FM (30°-60°)	9462.4	45.0			
FH (60°-80°)	2159.9	10.3			G2/5000
FVH (80°-90°)	35.8	0.2			G1/100
BL (0°-30°)	1655.2	7.9	B3/2500		
BM (30°-60°)	3488.1	16.6	B3/5000		
BH (60°-80°)	1206.7	5.7	B3/2500		G3/2500
BVH (80°-90°)	61.0	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





REPORT NUMBER: P530966

CATALOG NUMBER: GLAN-SA6B-727-U-SLL-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8
2.5°	9838.1	9782.9	9832.0	10065.2	10200.2	10292.3	10350.6	10341.4	10120.4	9905.6	9905.6
5°	9549.7	9479.1	9580.4	10108.2	10639.1	10685.1	10761.8	10636.0	10310.7	9917.9	9426.9
7.5°	8715.0	8767.2	8935.9	9629.5	10319.9	10666.7	10758.7	10599.2	10071.3	9337.9	8616.8
10°	7993.9	8116.6	8506.3	9255.1	9890.3	10341.4	10442.7	10218.6	9801.3	8902.2	8257.8
12.5°	7745.3	7668.6	8101.3	8850.0	9457.6	9700.0	9746.1	9761.4	9479.1	8681.2	7895.7
15°	7714.6	7763.7	8101.3	8669.0	9043.3	9055.6	9132.3	9252.0	9288.8	8831.6	8064.4
17.5°	8156.5	8098.2	8445.0	8896.1	8718.1	8540.1	8558.5	8730.3	9034.1	8960.5	8595.3
20°	8810.1	8942.1	9215.2	9169.2	8690.5	8239.4	8242.4	8405.1	9003.5	9494.4	9334.9
22.5°	9896.4	10025.3	10227.8	9672.4	8690.5	8150.4	8046.0	8267.0	9199.8	10129.7	10169.5
25°	10887.6	11123.9	11179.1	10525.5	9126.2	8233.2	8165.7	8383.6	9396.2	10749.5	11127.0
27.5°	11789.8	11875.7	12118.1	11074.8	9368.6	8288.5	8282.3	8561.6	9644.8	11059.5	11983.1
30°	12501.7	12492.5	12630.6	11421.6	9755.3	8598.4	8300.7	8828.5	9970.1	11571.9	12774.8
32.5°	12986.6	13090.9	13382.4	11903.3	9917.9	8893.0	8659.8	9141.5	10365.9	11814.3	13333.3
35°	13839.7	14020.7	13652.5	12170.3	10433.4	9184.5	8911.4	9568.1	10562.3	12078.3	14017.6
37.5°	14643.7	14505.6	14131.2	12314.5	10767.9	9724.6	9469.9	10393.6	11173.0	12652.1	14471.8
40°	15159.2	15156.1	14490.2	12431.1	11004.2	10550.1	10534.7	11231.3	11921.8	13014.2	14981.2
42.5°	15383.2	15598.0	14637.5	12418.9	11501.3	11550.4	11860.4	12483.3	12452.6	13087.8	14968.9
44°	15690.1	15819.0	14892.2	12446.5	11832.8	12225.5	12955.9	13351.7	12916.0	13047.9	14953.6
45°	15677.8	15687.0	14530.1	12483.3	12115.1	12790.2	13443.8	14112.8	13324.1	12962.0	15156.1
47.5°	15318.8	15214.4	14223.2	12210.2	12995.8	14281.6	14886.1	15291.1	13827.4	12777.9	14904.5
50°	14609.9	14490.2	13477.6	12093.6	13179.9	15208.3	16043.0	16190.3	14284.6	12596.9	14655.9
52.5°	14659.0	14625.2	13689.3	12268.5	13364.0	15499.8	16837.7	16874.6	14803.2	12977.4	14659.0
55°	15536.6	15420.0	14296.9	12486.4	13229.0	15159.2	16331.4	16267.0	14628.3	12747.2	14929.0
57.5°	14217.1	14293.8	13456.1	11624.1	11578.1	12323.7	12839.3	12679.7	12207.1	11504.4	13888.8
60°	11470.7	11688.5	11768.3	9721.5	8736.5	8352.9	8199.5	7917.1	7996.9	9451.5	12201.0
62.5°	9838.1	9825.9	10326.0	8813.2	5723.1	4922.1	4848.5	4912.9	5833.5	9304.2	11949.4
65°	7800.5	8009.2	8162.6	7469.1	4529.3	3654.8	3651.7	4059.8	5047.9	7776.0	9647.9
67.5°	4952.8	5225.9	5416.2	4777.9	3028.8	2602.2	2531.6	3022.6	3498.3	5100.1	5809.0
70°	2792.5	2921.4	3007.3	2755.7	1927.1	1350.2	1270.4	1387.0	2114.3	3301.9	3443.0
72.5°	1077.1	1135.4	1252.0	1261.2	727.3	435.7	352.9	423.5	889.9	1307.2	1245.9
75°	165.7	178.0	251.6	300.7	208.7	159.6	168.8	174.9	248.6	337.6	282.3
77.5°	79.8	79.8	76.7	89.0	104.3	113.5	122.7	135.0	147.3	162.6	156.5
80°	52.2	52.2	52.2	61.4	76.7	92.1	104.3	110.5	116.6	128.9	122.7
82.5°	33.8	33.8	33.8	46.0	61.4	76.7	82.9	98.2	110.5	128.9	119.7
85°	18.4	18.4	18.4	30.7	46.0	64.4	61.4	49.1	27.6	3.1	6.1
87.5°	6.1	6.1	6.1	6.1	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



REPORT NUMBER: P530966

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8
2.5°	9647.9	9506.7	9494.4	9206.0	8948.2	8822.4	8721.1	8438.8	8500.2	8337.6	8334.5
5°	9181.4	8893.0	8426.5	8043.0	7659.4	7582.7	7248.2	6956.7	6965.9	6757.2	6794.0
7.5°	8343.7	8144.2	7576.5	6975.1	6465.7	6103.6	5787.5	5597.2	5354.8	5272.0	5229.0
10°	7812.8	7567.3	6929.0	6174.1	5603.4	5410.1	5106.3	4937.5	4688.9	4566.2	4480.2
12.5°	7579.6	7220.6	6422.7	5655.5	5275.0	5075.6	4817.8	4510.9	4216.3	4102.8	3946.3
15°	7604.1	7174.5	6275.4	5446.9	4989.6	4603.0	4372.8	4032.2	3731.5	3532.0	3418.5
17.5°	7975.5	7453.8	6342.9	5287.3	4630.6	4145.8	3694.7	3326.4	3087.1	2936.7	2899.9
20°	8853.1	8144.2	6456.5	5029.5	4271.6	3667.1	3111.6	2728.0	2543.9	2540.9	2543.9
22.5°	9583.4	8880.7	6686.6	4876.1	3912.5	3053.3	2501.0	2378.2	2341.4	2418.1	2427.3
25°	10568.5	9709.2	7082.5	4796.3	3581.1	2602.2	2261.6	2215.6	2212.5	2310.7	2313.8
27.5°	11578.1	10433.4	7318.8	4563.1	3243.6	2369.0	2117.4	2108.2	2157.3	2261.6	2252.4
30°	12265.4	11041.0	7745.3	4283.9	2844.6	2163.4	2059.1	2071.3	2138.9	2218.6	2230.9
32.5°	13066.4	11639.4	7855.8	4130.4	2599.2	1991.6	1917.9	1945.5	2031.5	2157.3	2224.8
35°	13983.9	12062.9	8024.6	3921.7	2507.1	1859.6	1822.8	1853.5	1957.8	2040.7	2114.3
37.5°	14662.1	12811.7	8055.2	3759.1	2405.8	1786.0	1727.7	1828.9	1890.3	2006.9	2043.7
40°	15165.3	13354.8	8135.0	3657.8	2326.0	1690.8	1690.8	1758.3	1841.2	1948.6	2022.2
42.5°	15487.5	13750.7	8193.3	3565.8	2172.6	1663.2	1647.9	1715.4	1825.9	1930.2	1963.9
44°	15683.9	13919.4	8135.0	3479.9	2129.7	1629.5	1629.5	1687.8	1773.7	1896.4	1936.3
45°	15733.0	14131.2	8006.1	3476.8	2077.5	1589.6	1583.4	1693.9	1752.2	1902.6	1927.1
47.5°	15923.3	14392.0	8021.5	3378.6	1951.7	1494.4	1601.8	1650.9	1703.1	1835.1	1917.9
50°	15917.1	14554.7	7987.7	3234.4	1859.6	1387.0	1565.0	1620.3	1672.4	1807.4	1841.2
52.5°	15960.1	15162.3	8297.7	3004.2	1693.9	1248.9	1442.3	1565.0	1629.5	1743.0	1813.6
55°	15938.6	15509.0	8604.5	2832.4	1460.7	1166.1	1337.9	1482.2	1574.2	1693.9	1727.7
57.5°	14557.7	13707.7	7963.2	2510.2	1209.1	1067.9	1190.6	1396.2	1512.9	1635.6	1678.6
60°	11894.1	10565.4	6566.9	1847.3	994.2	982.0	1107.8	1368.6	1417.7	1525.1	1598.8
62.5°	10991.9	9267.4	5207.5	1411.6	850.0	899.1	1021.9	1236.7	1313.4	1445.3	1512.9
65°	8601.5	6155.7	3225.2	954.4	748.8	807.1	923.7	1083.2	1209.1	1331.8	1411.6
67.5°	5094.0	3363.3	1595.7	669.0	653.6	715.0	834.7	954.4	1098.6	1233.6	1273.5
70°	2774.1	1654.0	681.2	509.4	555.4	610.7	727.3	810.1	948.2	1052.6	1120.1
72.5°	889.9	503.3	340.6	377.4	423.5	487.9	558.5	659.8	758.0	819.3	874.6
75°	214.8	211.7	242.4	263.9	306.9	356.0	414.3	466.4	543.2	601.5	650.6
77.5°	150.4	162.6	187.2	217.9	233.2	251.6	288.5	328.3	362.1	405.1	435.7
80°	116.6	125.8	144.2	159.6	174.9	190.3	208.7	224.0	245.5	273.1	288.5
82.5°	110.5	116.6	135.0	144.2	138.1	135.0	147.3	153.4	156.5	165.7	174.9
85°	9.2	0.0	6.1	21.5	52.2	76.7	82.9	82.9	79.8	85.9	85.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	12.3	9.2
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°	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8
2.5°	8297.7	8193.3	8233.2	8282.3	8211.7	8049.1	8092.1	8073.6	8239.4	8227.1	8392.8
5°	6956.7	6794.0	6812.4	7051.8	6975.1	7057.9	6892.2	6870.7	6901.4	6916.8	6944.4
7.5°	5324.1	5302.6	5486.8	5689.3	5784.4	5686.2	5523.6	5486.8	5453.0	5385.5	5538.9
10°	4345.2	4351.4	4339.1	4492.5	4599.9	4578.4	4480.2	4468.0	4403.5	4379.0	4464.9
12.5°	3878.8	3795.9	3756.0	3706.9	3789.8	3845.0	3802.1	3771.4	3774.5	3805.1	3817.4
15°	3427.7	3375.5	3289.6	3234.4	3274.3	3246.6	3231.3	3292.7	3277.3	3271.2	3344.8
17.5°	2921.4	2964.3	2958.2	2896.8	2949.0	2927.5	2924.4	2881.5	2823.2	2780.2	2804.8
20°	2586.9	2666.7	2728.0	2731.1	2758.7	2755.7	2709.6	2577.7	2534.7	2525.5	2531.6
22.5°	2467.2	2510.2	2583.8	2688.1	2688.1	2639.0	2583.8	2430.4	2390.5	2347.5	2329.1
25°	2372.1	2454.9	2550.1	2562.3	2611.4	2565.4	2476.4	2399.7	2316.8	2258.5	2258.5
27.5°	2323.0	2415.0	2485.6	2507.1	2574.6	2537.8	2445.7	2347.5	2249.3	2246.3	2194.1
30°	2301.5	2387.4	2433.4	2485.6	2516.3	2458.0	2430.4	2326.0	2227.8	2203.3	2117.4
32.5°	2237.1	2359.8	2445.7	2433.4	2458.0	2433.4	2393.6	2307.6	2197.2	2141.9	2132.7
35°	2163.4	2286.2	2378.2	2442.7	2458.0	2405.8	2381.3	2264.7	2114.3	2086.7	1991.6
37.5°	2123.5	2197.2	2310.7	2415.0	2436.5	2408.9	2326.0	2206.4	2056.0	2025.3	1942.5
40°	2074.4	2169.5	2258.5	2344.5	2408.9	2341.4	2246.3	2129.7	2062.1	1970.1	1945.5
42.5°	2037.6	2145.0	2218.6	2313.8	2387.4	2298.4	2188.0	2108.2	2013.0	1951.7	1881.1
44°	2025.3	2123.5	2172.6	2289.2	2350.6	2283.1	2191.0	2108.2	1997.7	1942.5	1881.1
45°	1982.4	2117.4	2169.5	2273.9	2326.0	2270.8	2154.2	2071.3	1991.6	1924.1	1859.6
47.5°	1939.4	2031.5	2120.4	2203.3	2240.1	2221.7	2123.5	2022.2	1927.1	1887.2	1825.9
50°	1927.1	2019.2	2102.0	2178.7	2221.7	2184.9	2095.9	1997.7	1887.2	1822.8	1770.6
52.5°	1865.7	1979.3	2071.3	2095.9	2151.1	2129.7	2062.1	1954.7	1850.4	1795.2	1752.2
55°	1776.8	1896.4	2022.2	2052.9	2132.7	2099.0	1997.7	1896.4	1807.4	1724.6	1669.4
57.5°	1743.0	1859.6	1982.4	2022.2	2071.3	2016.1	1991.6	1884.2	1743.0	1700.0	1614.1
60°	1657.1	1804.4	1905.6	1997.7	2000.8	1985.4	1942.5	1819.7	1703.1	1623.3	1561.9
62.5°	1589.6	1727.7	1807.4	1893.4	1945.5	1902.6	1859.6	1746.1	1620.3	1531.3	1460.7
65°	1491.4	1617.2	1684.7	1736.9	1795.2	1789.0	1715.4	1632.5	1500.6	1430.0	1362.5
67.5°	1341.0	1451.5	1543.5	1592.6	1629.5	1620.3	1565.0	1506.7	1371.7	1301.1	1252.0
70°	1160.0	1273.5	1331.8	1359.4	1396.2	1414.7	1371.7	1344.1	1224.4	1132.3	1086.3
72.5°	932.9	1006.5	1092.4	1117.0	1132.3	1144.6	1144.6	1120.1	997.3	960.5	880.7
75°	687.4	745.7	810.1	810.1	837.7	840.8	847.0	831.6	739.5	690.4	672.0
77.5°	466.4	509.4	561.6	583.0	601.5	598.4	595.3	552.4	503.3	481.8	463.4
80°	303.8	346.8	371.3	398.9	417.3	414.3	420.4	389.7	368.2	331.4	337.6
82.5°	181.1	214.8	239.4	273.1	273.1	282.3	282.3	273.1	251.6	233.2	233.2
85°	85.9	113.5	128.9	150.4	162.6	165.7	147.3	125.8	104.3	95.1	104.3
87.5°	15.3	21.5	30.7	27.6	33.8	30.7	30.7	30.7	30.7	24.5	27.6
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: P530966

CATALOG NUMBER: GLAN-SA6B-727-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8	9374.8
2.5°	8331.4	8484.8	8592.3	8770.2	9077.1	9322.6	9574.2	9761.4	9782.9	9838.1
5°	7045.6	7128.5	7401.6	7757.6	8009.2	8423.5	8690.5	9175.3	9356.3	9549.7
7.5°	5502.1	5637.1	6002.3	6241.7	6794.0	7312.6	7849.6	8448.0	8687.4	8715.0
10°	4639.8	4836.2	5084.8	5468.4	5769.1	6346.0	7015.0	7680.9	7947.8	7993.9
12.5°	4075.2	4326.8	4658.2	4934.4	5222.9	5726.1	6367.5	7189.9	7536.6	7745.3
15°	3532.0	3792.9	4158.0	4541.6	4796.3	5397.8	6152.7	7079.4	7530.5	7714.6
17.5°	2973.5	3216.0	3516.7	3931.0	4443.4	5118.5	6118.9	7447.6	7941.7	8156.5
20°	2494.8	2629.8	2979.7	3406.2	4047.6	4833.1	6131.2	7990.8	8715.0	8810.1
22.5°	2307.6	2338.3	2476.4	2869.2	3571.9	4541.6	6349.1	8761.0	9583.4	9896.4
25°	2163.4	2157.3	2194.1	2458.0	3225.2	4428.1	6563.9	9469.9	10547.0	10887.6
27.5°	2083.6	2022.2	2025.3	2273.9	2979.7	4244.0	6840.0	10283.1	11639.4	11789.8
30°	2043.7	2031.5	1994.6	2095.9	2712.7	3967.8	6886.1	11084.0	12283.9	12501.7
32.5°	2019.2	1899.5	1853.5	1890.3	2461.1	3667.1	7057.9	11611.8	13081.7	12986.6
35°	1896.4	1789.0	1758.3	1795.2	2283.1	3498.3	6944.4	12072.1	13680.1	13839.7
37.5°	1850.4	1755.3	1693.9	1663.2	2117.4	3357.1	6886.1	12781.0	14260.1	14643.7
40°	1807.4	1706.2	1632.5	1601.8	1988.5	3169.9	6867.7	13327.2	14929.0	15159.2
42.5°	1758.3	1693.9	1611.0	1555.8	1832.0	2982.7	6655.9	13496.0	15134.6	15383.2
44°	1743.0	1644.8	1558.9	1540.5	1770.6	2887.6	6613.0	13649.4	15312.6	15690.1
45°	1727.7	1635.6	1537.4	1512.9	1749.1	2835.4	6554.7	13686.2	15607.2	15677.8
47.5°	1684.7	1626.4	1531.3	1463.8	1703.1	2721.9	6379.7	13477.6	15306.5	15318.8
50°	1650.9	1583.4	1485.2	1353.3	1641.7	2626.8	6459.5	13400.8	14582.3	14609.9
52.5°	1614.1	1512.9	1457.6	1230.5	1540.5	2547.0	6628.3	13747.6	14665.1	14659.0
55°	1571.2	1460.7	1325.7	1126.2	1371.7	2445.7	7036.4	14431.9	15432.3	15536.6
57.5°	1503.6	1408.5	1215.2	1034.1	1178.4	2252.4	6904.5	13121.6	14198.7	14217.1
60°	1414.7	1325.7	1101.6	963.6	966.6	1776.8	6174.1	10224.8	11203.7	11470.7
62.5°	1328.7	1279.6	1006.5	862.3	822.4	1414.7	5219.8	8497.1	9617.2	9838.1
65°	1227.5	1107.8	923.7	785.6	705.8	991.2	3697.7	6349.1	7502.9	7800.5
67.5°	1098.6	969.7	813.2	690.4	604.5	662.8	1908.7	3608.7	4777.9	4952.8
70°	960.5	840.8	684.3	583.0	487.9	457.2	840.8	1721.5	2611.4	2792.5
72.5°	788.6	678.2	546.2	460.3	365.2	316.1	282.3	460.3	926.7	1077.1
75°	570.8	494.1	411.2	328.3	257.8	202.5	165.7	138.1	153.4	165.7
77.5°	420.4	359.0	303.8	233.2	181.1	144.2	113.5	85.9	82.9	79.8
80°	328.3	291.5	242.4	187.2	141.2	107.4	79.8	58.3	52.2	52.2
82.5°	257.8	239.4	199.5	153.4	116.6	85.9	58.3	39.9	33.8	33.8
85°	98.2	98.2	144.2	125.8	89.0	61.4	39.9	21.5	18.4	18.4
87.5°	24.5	24.5	24.5	24.5	21.5	18.4	18.4	9.2	6.1	6.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)