

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: P530758

Luminaire Tested: **GLAN-SA6A-730-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P530758
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-SA6A-730-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 3000K, 615mA 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: 18393 lumens
Efficiency: N/A
Efficacy: 101.1 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): 182
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



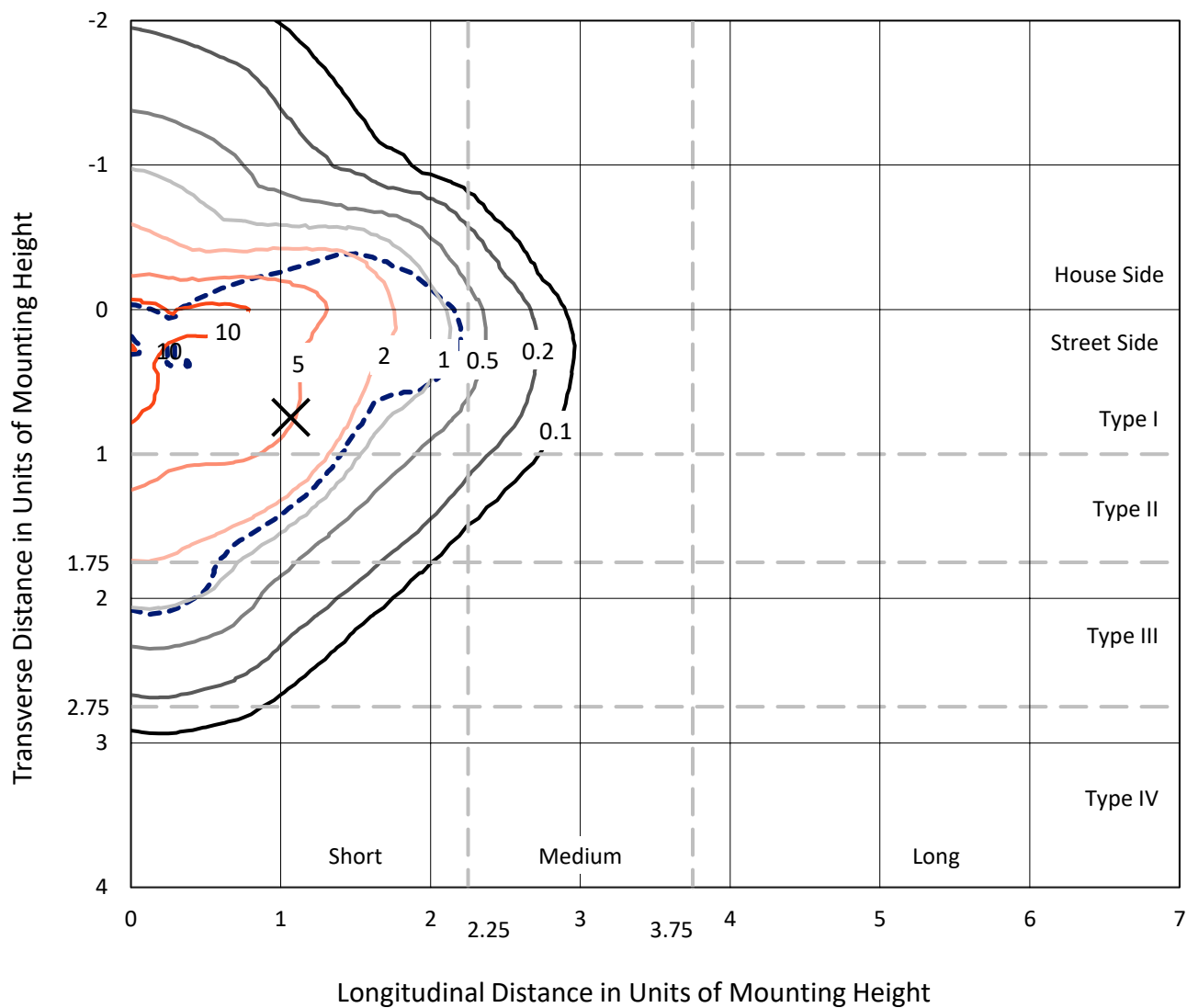
REPORT NUMBER: P530758

CATALOG NUMBER: GLAN-SA6A-730-U-SLL-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd



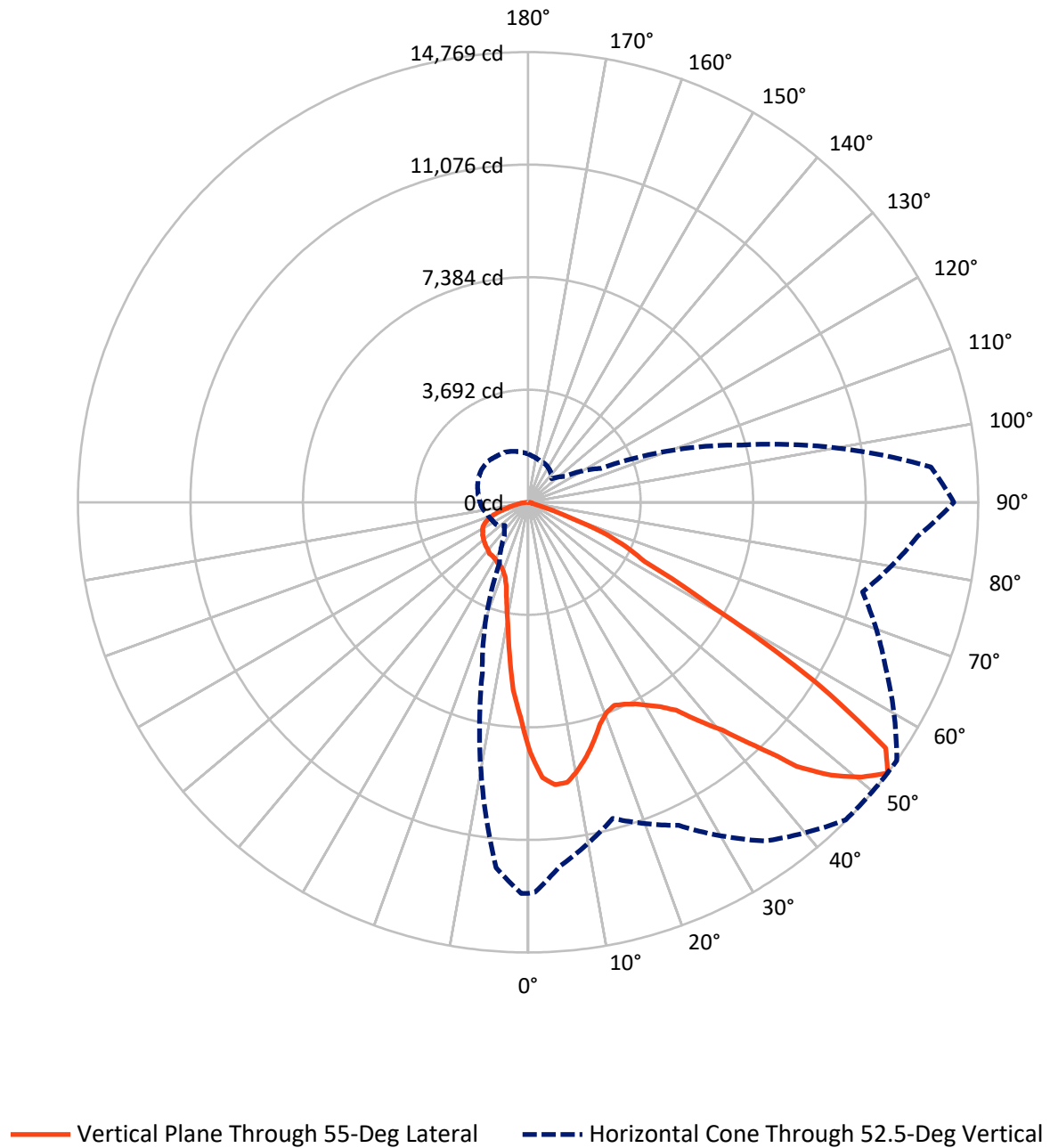
Based on 25 foot mounting height. Maximum calculated value = 14 fc

Type II - Short - N/A

REPORT NUMBER: P530758

CATALOG NUMBER: GLAN-SA6A-730-U-SLL-GRSWH

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5610.9	0.0	5610.9
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	12782.1	0.0	12782.1
	% Fixture	69.5	0.0	69.5
Total	Lumens	18393.0	0.0	18393.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	626.8	3.4
10°-20°	1351.5	7.3
20°-30°	2049.3	11.1
30°-40°	2961.0	16.1
40°-50°	3956.7	21.5
50°-60°	4416.5	24.0
60°-70°	2422.7	13.2
70°-80°	523.8	2.8
80°-90°	84.7	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°	18393.0	100.0
0°-180°	18393.0	100.0

Coefficient of Utilization



REPORT NUMBER: P530758

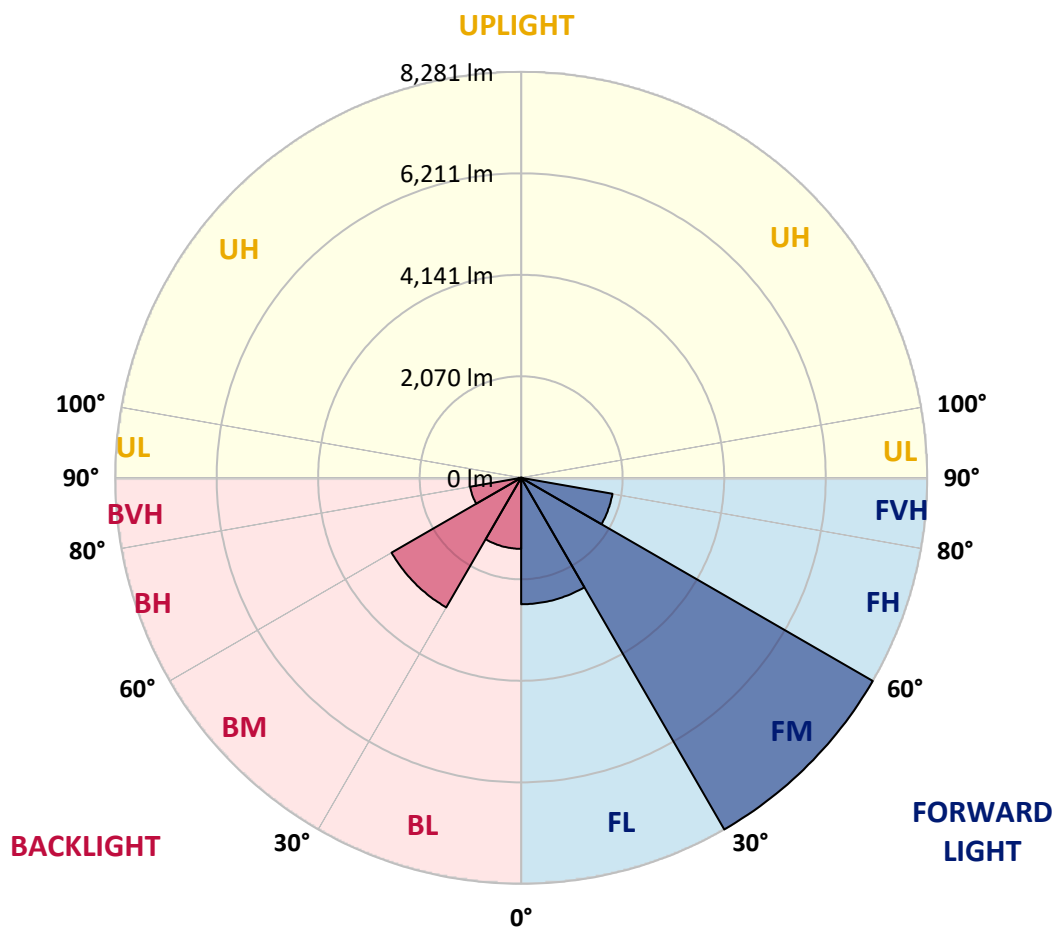
CATALOG NUMBER: GLAN-SA6A-730-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2579.0	14.0			
FM	(30°-60°)	8281.4	45.0			
FH	(60°-80°)	1890.3	10.3			G2/5000
FVH	(80°-90°)	31.4	0.2			G1/100
BL	(0°-30°)	1448.6	7.9	B3/2500		
BM	(30°-60°)	3052.8	16.6	B3/5000		
BH	(60°-80°)	1056.1	5.7	B3/2500		G3/2500
BVH	(80°-90°)	53.4	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 II Short



REPORT NUMBER: P530758

CATALOG NUMBER: GLAN-SA6A-730-U-SLL-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7
2.5°	8610.2	8561.9	8604.9	8809.0	8927.1	9007.7	9058.7	9050.7	8857.3	8669.3	8669.3
5°	8357.8	8296.0	8384.6	8846.6	9311.2	9351.5	9418.6	9308.5	9023.8	8680.1	8250.4
7.5°	7627.3	7672.9	7820.7	8427.6	9031.9	9335.4	9415.9	9276.3	8814.3	8172.5	7541.3
10°	6996.2	7103.6	7444.7	8100.0	8655.9	9050.7	9139.3	8943.3	8578.0	7791.1	7227.1
12.5°	6778.6	6711.5	7090.2	7745.5	8277.2	8489.4	8529.7	8543.1	8296.0	7597.7	6910.2
15°	6751.8	6794.7	7090.2	7587.0	7914.6	7925.4	7992.5	8097.3	8129.5	7729.3	7057.9
17.5°	7138.5	7087.5	7390.9	7785.7	7630.0	7474.2	7490.3	7640.7	7906.6	7842.1	7522.5
20°	7710.5	7826.0	8065.0	8024.8	7605.8	7211.0	7213.7	7356.0	7879.7	8309.4	8169.8
22.5°	8661.3	8774.1	8951.3	8465.2	7605.8	7133.1	7041.8	7235.2	8051.6	8865.4	8900.3
25°	9528.7	9735.5	9783.9	9211.8	7987.2	7205.6	7146.5	7337.2	8223.5	9407.9	9738.2
27.5°	10318.3	10393.5	10605.7	9692.6	8199.3	7254.0	7248.6	7493.0	8441.0	9679.1	10487.5
30°	10941.4	10933.3	11054.2	9996.0	8537.7	7525.2	7264.7	7726.7	8725.7	10127.6	11180.4
32.5°	11365.7	11457.0	11712.2	10417.7	8680.1	7783.1	7578.9	8000.6	9072.2	10339.8	11669.2
35°	12112.3	12270.8	11948.5	10651.3	9131.3	8038.2	7799.2	8373.9	9244.1	10570.8	12268.1
37.5°	12816.0	12695.1	12367.5	10777.6	9424.0	8510.9	8288.0	9096.3	9778.5	11073.0	12665.6
40°	13267.2	13264.5	12681.7	10879.6	9630.8	9233.3	9219.9	9829.5	10433.8	11389.9	13111.4
42.5°	13463.2	13651.2	12810.6	10868.9	10065.9	10108.8	10380.1	10925.3	10898.4	11454.4	13100.7
44°	13731.8	13844.6	13033.5	10893.0	10355.9	10699.7	11338.9	11685.3	11304.0	11419.4	13087.2
45°	13721.1	13729.1	12716.6	10925.3	10603.0	11193.8	11765.9	12351.4	11661.1	11344.2	13264.5
47.5°	13406.8	13315.5	12448.0	10686.3	11373.8	12499.1	13028.2	13382.7	12101.6	11183.1	13044.3
50°	12786.4	12681.7	11795.4	10584.2	11534.9	13310.1	14040.6	14169.6	12501.8	11024.6	12826.7
52.5°	12829.4	12799.9	11980.7	10737.3	11696.1	13565.3	14736.2	14768.5	12955.6	11357.7	12829.4
55°	13597.5	13495.5	12512.5	10928.0	11577.9	13267.2	14293.1	14236.7	12802.6	11156.2	13065.8
57.5°	12442.7	12509.8	11776.6	10173.3	10133.0	10785.6	11236.8	11097.2	10683.6	10068.6	12155.3
60°	10039.0	10229.7	10299.5	8508.2	7646.1	7310.4	7176.1	6929.0	6998.8	8271.8	10678.2
62.5°	8610.2	8599.5	9037.3	7713.2	5008.8	4307.8	4243.3	4299.7	5105.4	8142.9	10458.0
65°	6827.0	7009.6	7143.9	6536.9	3964.0	3198.6	3195.9	3553.1	4417.9	6805.5	8443.7
67.5°	4334.7	4573.7	4740.2	4181.6	2650.7	2277.4	2215.7	2645.4	3061.7	4463.6	5084.0
70°	2444.0	2556.8	2631.9	2411.7	1686.6	1181.7	1111.9	1213.9	1850.4	2889.8	3013.3
72.5°	942.7	993.7	1095.8	1103.8	636.5	381.4	308.9	370.6	778.8	1144.1	1090.4
75°	145.0	155.8	220.2	263.2	182.6	139.7	147.7	153.1	217.5	295.4	247.1
77.5°	69.8	69.8	67.1	77.9	91.3	99.4	107.4	118.2	128.9	142.3	137.0
80°	45.7	45.7	45.7	53.7	67.1	80.6	91.3	96.7	102.1	112.8	107.4
82.5°	29.5	29.5	29.5	40.3	53.7	67.1	72.5	85.9	96.7	112.8	104.7
85°	16.1	16.1	16.1	26.9	40.3	56.4	53.7	43.0	24.2	2.7	5.4
87.5°	5.4	5.4	5.4	5.4	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: P530758

CATALOG NUMBER: GLAN-SA6A-730-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7
2.5°	8443.7	8320.2	8309.4	8057.0	7831.4	7721.3	7632.7	7385.6	7439.3	7296.9	7294.3
5°	8035.5	7783.1	7374.8	7039.1	6703.4	6636.3	6343.5	6088.4	6096.5	5913.8	5946.1
7.5°	7302.3	7127.7	6630.9	6104.5	5658.7	5341.8	5065.2	4898.6	4686.5	4614.0	4576.4
10°	6837.7	6622.8	6064.2	5403.6	4904.0	4734.8	4468.9	4321.2	4103.7	3996.3	3921.1
12.5°	6633.6	6319.4	5621.1	4949.7	4616.7	4442.1	4216.5	3947.9	3690.1	3590.7	3453.8
15°	6655.1	6279.1	5492.2	4767.1	4366.9	4028.5	3827.1	3529.0	3265.8	3091.2	2991.8
17.5°	6980.0	6523.5	5551.3	4627.4	4052.7	3628.3	3233.5	2911.3	2701.8	2570.2	2538.0
20°	7748.1	7127.7	5650.6	4401.8	3738.4	3209.4	2723.3	2387.6	2226.4	2223.7	2226.4
22.5°	8387.3	7772.3	5852.1	4267.5	3424.2	2672.2	2188.8	2081.4	2049.2	2116.3	2124.4
25°	9249.4	8497.4	6198.5	4197.7	3134.2	2277.4	1979.3	1939.0	1936.4	2022.3	2025.0
27.5°	10133.0	9131.3	6405.3	3993.6	2838.7	2073.3	1853.1	1845.1	1888.0	1979.3	1971.3
30°	10734.6	9663.0	6778.6	3749.2	2489.6	1893.4	1802.1	1812.8	1871.9	1941.7	1952.5
32.5°	11435.6	10186.7	6875.3	3614.9	2274.8	1743.0	1678.5	1702.7	1777.9	1888.0	1947.1
35°	12238.6	10557.3	7023.0	3432.3	2194.2	1627.5	1595.3	1622.1	1713.5	1786.0	1850.4
37.5°	12832.1	11212.6	7049.9	3289.9	2105.6	1563.1	1512.0	1600.7	1654.4	1756.4	1788.7
40°	13272.5	11688.0	7119.7	3201.3	2035.7	1479.8	1479.8	1538.9	1611.4	1705.4	1769.9
42.5°	13554.5	12034.5	7170.7	3120.7	1901.4	1455.6	1442.2	1501.3	1598.0	1689.3	1718.8
44°	13726.4	12182.2	7119.7	3045.5	1863.9	1426.1	1426.1	1477.1	1552.3	1659.7	1694.7
45°	13769.4	12367.5	7006.9	3042.9	1818.2	1391.2	1385.8	1482.5	1533.5	1665.1	1686.6
47.5°	13935.9	12595.8	7020.3	2956.9	1708.1	1307.9	1401.9	1444.9	1490.5	1606.0	1678.5
50°	13930.5	12738.1	6990.8	2830.7	1627.5	1213.9	1369.7	1418.0	1463.7	1581.9	1611.4
52.5°	13968.1	13269.9	7262.0	2629.3	1482.5	1093.1	1262.3	1369.7	1426.1	1525.5	1587.2
55°	13949.3	13573.3	7530.6	2478.9	1278.4	1020.6	1170.9	1297.2	1377.7	1482.5	1512.0
57.5°	12740.8	11996.9	6969.3	2196.9	1058.2	934.6	1042.0	1222.0	1324.0	1431.5	1469.1
60°	10409.6	9246.7	5747.3	1616.8	870.2	859.4	969.5	1197.8	1240.8	1334.8	1399.2
62.5°	9620.0	8110.7	4557.6	1235.4	743.9	786.9	894.3	1082.3	1149.5	1264.9	1324.0
65°	7527.9	5387.4	2822.6	835.2	655.3	706.3	808.4	948.0	1058.2	1165.6	1235.4
67.5°	4458.2	2943.5	1396.5	585.5	572.0	625.8	730.5	835.2	961.5	1079.6	1114.6
70°	2427.8	1447.6	596.2	445.8	486.1	534.4	636.5	709.0	829.9	921.2	980.3
72.5°	778.8	440.4	298.1	330.3	370.6	427.0	488.8	577.4	663.4	717.1	765.4
75°	188.0	185.3	212.2	231.0	268.6	311.5	362.6	408.2	475.4	526.4	569.4
77.5°	131.6	142.3	163.8	190.7	204.1	220.2	252.5	287.4	316.9	354.5	381.4
80°	102.1	110.1	126.2	139.7	153.1	166.5	182.6	196.1	214.9	239.0	252.5
82.5°	96.7	102.1	118.2	126.2	120.9	118.2	128.9	134.3	137.0	145.0	153.1
85°	8.1	0.0	5.4	18.8	45.7	67.1	72.5	72.5	69.8	75.2	75.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	10.7	8.1
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: P530758

CATALOG NUMBER: GLAN-SA6A-730-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7
2.5°	7262.0	7170.7	7205.6	7248.6	7186.8	7044.5	7082.1	7066.0	7211.0	7200.3	7345.3
5°	6088.4	5946.1	5962.2	6171.7	6104.5	6177.0	6032.0	6013.2	6040.1	6053.5	6077.7
7.5°	4659.6	4640.8	4802.0	4979.2	5062.5	4976.5	4834.2	4802.0	4772.4	4713.3	4847.6
10°	3802.9	3808.3	3797.5	3931.8	4025.8	4007.0	3921.1	3910.3	3853.9	3832.4	3907.6
12.5°	3394.7	3322.2	3287.3	3244.3	3316.8	3365.1	3327.5	3300.7	3303.4	3330.2	3341.0
15°	2999.9	2954.2	2879.0	2830.7	2865.6	2841.4	2828.0	2881.7	2868.3	2862.9	2927.4
17.5°	2556.8	2594.4	2589.0	2535.3	2580.9	2562.1	2559.4	2521.8	2470.8	2433.2	2454.7
20°	2264.0	2333.8	2387.6	2390.2	2414.4	2411.7	2371.4	2256.0	2218.4	2210.3	2215.7
22.5°	2159.3	2196.9	2261.3	2352.6	2352.6	2309.7	2261.3	2127.0	2092.1	2054.5	2038.4
25°	2076.0	2148.5	2231.8	2242.5	2285.5	2245.2	2167.3	2100.2	2027.7	1976.6	1976.6
27.5°	2033.0	2113.6	2175.4	2194.2	2253.3	2221.0	2140.5	2054.5	1968.6	1965.9	1920.2
30°	2014.2	2089.4	2129.7	2175.4	2202.2	2151.2	2127.0	2035.7	1949.8	1928.3	1853.1
32.5°	1957.8	2065.3	2140.5	2129.7	2151.2	2129.7	2094.8	2019.6	1922.9	1874.6	1866.5
35°	1893.4	2000.8	2081.4	2137.8	2151.2	2105.6	2084.1	1982.0	1850.4	1826.3	1743.0
37.5°	1858.5	1922.9	2022.3	2113.6	2132.4	2108.2	2035.7	1931.0	1799.4	1772.5	1700.0
40°	1815.5	1898.8	1976.6	2051.8	2108.2	2049.2	1965.9	1863.9	1804.8	1724.2	1702.7
42.5°	1783.3	1877.3	1941.7	2025.0	2089.4	2011.6	1914.9	1845.1	1761.8	1708.1	1646.3
44°	1772.5	1858.5	1901.4	2003.5	2057.2	1998.1	1917.6	1845.1	1748.4	1700.0	1646.3
45°	1734.9	1853.1	1898.8	1990.1	2035.7	1987.4	1885.3	1812.8	1743.0	1683.9	1627.5
47.5°	1697.3	1777.9	1855.8	1928.3	1960.5	1944.4	1858.5	1769.9	1686.6	1651.7	1598.0
50°	1686.6	1767.2	1839.7	1906.8	1944.4	1912.2	1834.3	1748.4	1651.7	1595.3	1549.6
52.5°	1632.9	1732.3	1812.8	1834.3	1882.6	1863.9	1804.8	1710.8	1619.5	1571.1	1533.5
55°	1555.0	1659.7	1769.9	1796.7	1866.5	1837.0	1748.4	1659.7	1581.9	1509.3	1461.0
57.5°	1525.5	1627.5	1734.9	1769.9	1812.8	1764.5	1743.0	1649.0	1525.5	1487.9	1412.7
60°	1450.3	1579.2	1667.8	1748.4	1751.1	1737.6	1700.0	1592.6	1490.5	1420.7	1367.0
62.5°	1391.2	1512.0	1581.9	1657.1	1702.7	1665.1	1627.5	1528.1	1418.0	1340.1	1278.4
65°	1305.2	1415.3	1474.4	1520.1	1571.1	1565.7	1501.3	1428.8	1313.3	1251.5	1192.4
67.5°	1173.6	1270.3	1350.9	1393.9	1426.1	1418.0	1369.7	1318.7	1200.5	1138.7	1095.8
70°	1015.2	1114.6	1165.6	1189.7	1222.0	1238.1	1200.5	1176.3	1071.6	991.0	950.7
72.5°	816.4	880.9	956.1	977.6	991.0	1001.8	1001.8	980.3	872.8	840.6	770.8
75°	601.6	652.6	709.0	709.0	733.2	735.9	741.2	727.8	647.2	604.3	588.2
77.5°	408.2	445.8	491.5	510.3	526.4	523.7	521.0	483.4	440.4	421.6	405.5
80°	265.9	303.5	325.0	349.1	365.3	362.6	367.9	341.1	322.3	290.1	295.4
82.5°	158.5	188.0	209.5	239.0	239.0	247.1	247.1	239.0	220.2	204.1	204.1
85°	75.2	99.4	112.8	131.6	142.3	145.0	128.9	110.1	91.3	83.3	91.3
87.5°	13.4	18.8	26.9	24.2	29.5	26.9	26.9	26.9	26.9	21.5	24.2
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: P530758

CATALOG NUMBER: GLAN-SA6A-730-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7	8204.7
2.5°	7291.6	7425.9	7519.9	7675.6	7944.2	8159.0	8379.3	8543.1	8561.9	8610.2
5°	6166.3	6238.8	6477.8	6789.4	7009.6	7372.1	7605.8	8030.1	8188.6	8357.8
7.5°	4815.4	4933.6	5253.2	5462.6	5946.1	6399.9	6869.9	7393.6	7603.1	7627.3
10°	4060.7	4232.6	4450.1	4785.9	5049.0	5554.0	6139.4	6722.2	6955.9	6996.2
12.5°	3566.6	3786.8	4076.8	4318.5	4571.0	5011.4	5572.8	6292.5	6596.0	6778.6
15°	3091.2	3319.5	3639.1	3974.8	4197.7	4724.1	5384.8	6195.8	6590.6	6751.8
17.5°	2602.4	2814.6	3077.8	3440.3	3888.8	4479.7	5355.2	6518.1	6950.5	7138.5
20°	2183.4	2301.6	2607.8	2981.1	3542.4	4229.9	5366.0	6993.5	7627.3	7710.5
22.5°	2019.6	2046.5	2167.3	2511.1	3126.1	3974.8	5556.6	7667.6	8387.3	8661.3
25°	1893.4	1888.0	1920.2	2151.2	2822.6	3875.4	5744.6	8288.0	9230.6	9528.7
27.5°	1823.6	1769.9	1772.5	1990.1	2607.8	3714.3	5986.3	8999.7	10186.7	10318.3
30°	1788.7	1777.9	1745.7	1834.3	2374.1	3472.6	6026.6	9700.6	10750.7	10941.4
32.5°	1767.2	1662.4	1622.1	1654.4	2153.9	3209.4	6177.0	10162.5	11449.0	11365.7
35°	1659.7	1565.7	1538.9	1571.1	1998.1	3061.7	6077.7	10565.4	11972.7	12112.3
37.5°	1619.5	1536.2	1482.5	1455.6	1853.1	2938.1	6026.6	11185.8	12480.3	12816.0
40°	1581.9	1493.2	1428.8	1401.9	1740.3	2774.3	6010.5	11663.8	13065.8	13267.2
42.5°	1538.9	1482.5	1410.0	1361.6	1603.3	2610.5	5825.2	11811.5	13245.7	13463.2
44°	1525.5	1439.5	1364.3	1348.2	1549.6	2527.2	5787.6	11945.8	13401.5	13731.8
45°	1512.0	1431.5	1345.5	1324.0	1530.8	2481.6	5736.6	11978.1	13659.3	13721.1
47.5°	1474.4	1423.4	1340.1	1281.1	1490.5	2382.2	5583.5	11795.4	13396.1	13406.8
50°	1444.9	1385.8	1299.9	1184.4	1436.8	2298.9	5653.3	11728.3	12762.3	12786.4
52.5°	1412.7	1324.0	1275.7	1077.0	1348.2	2229.1	5801.0	12031.8	12834.8	12829.4
55°	1375.1	1278.4	1160.2	985.6	1200.5	2140.5	6158.2	12630.7	13506.2	13597.5
57.5°	1316.0	1232.7	1063.5	905.1	1031.3	1971.3	6042.7	11483.9	12426.6	12442.7
60°	1238.1	1160.2	964.2	843.3	846.0	1555.0	5403.6	8948.6	9805.4	10039.0
62.5°	1162.9	1119.9	880.9	754.7	719.8	1238.1	4568.3	7436.6	8416.9	8610.2
65°	1074.3	969.5	808.4	687.5	617.7	867.5	3236.2	5556.6	6566.4	6827.0
67.5°	961.5	848.7	711.7	604.3	529.1	580.1	1670.5	3158.3	4181.6	4334.7
70°	840.6	735.9	598.9	510.3	427.0	400.2	735.9	1506.7	2285.5	2444.0
72.5°	690.2	593.5	478.0	402.8	319.6	276.6	247.1	402.8	811.1	942.7
75°	499.5	432.4	359.9	287.4	225.6	177.3	145.0	120.9	134.3	145.0
77.5°	367.9	314.2	265.9	204.1	158.5	126.2	99.4	75.2	72.5	69.8
80°	287.4	255.1	212.2	163.8	123.5	94.0	69.8	51.0	45.7	45.7
82.5°	225.6	209.5	174.6	134.3	102.1	75.2	51.0	34.9	29.5	29.5
85°	85.9	85.9	126.2	110.1	77.9	53.7	34.9	18.8	16.1	16.1
87.5°	21.5	21.5	21.5	21.5	18.8	16.1	16.1	8.1	5.4	5.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)