

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: P528912

Luminaire Tested: **GLAN-SA4A-735-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P528912
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-SA4A-735-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 3500K, 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: 12551 lumens
Efficiency: N/A
Efficacy: 103.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U0 - G2

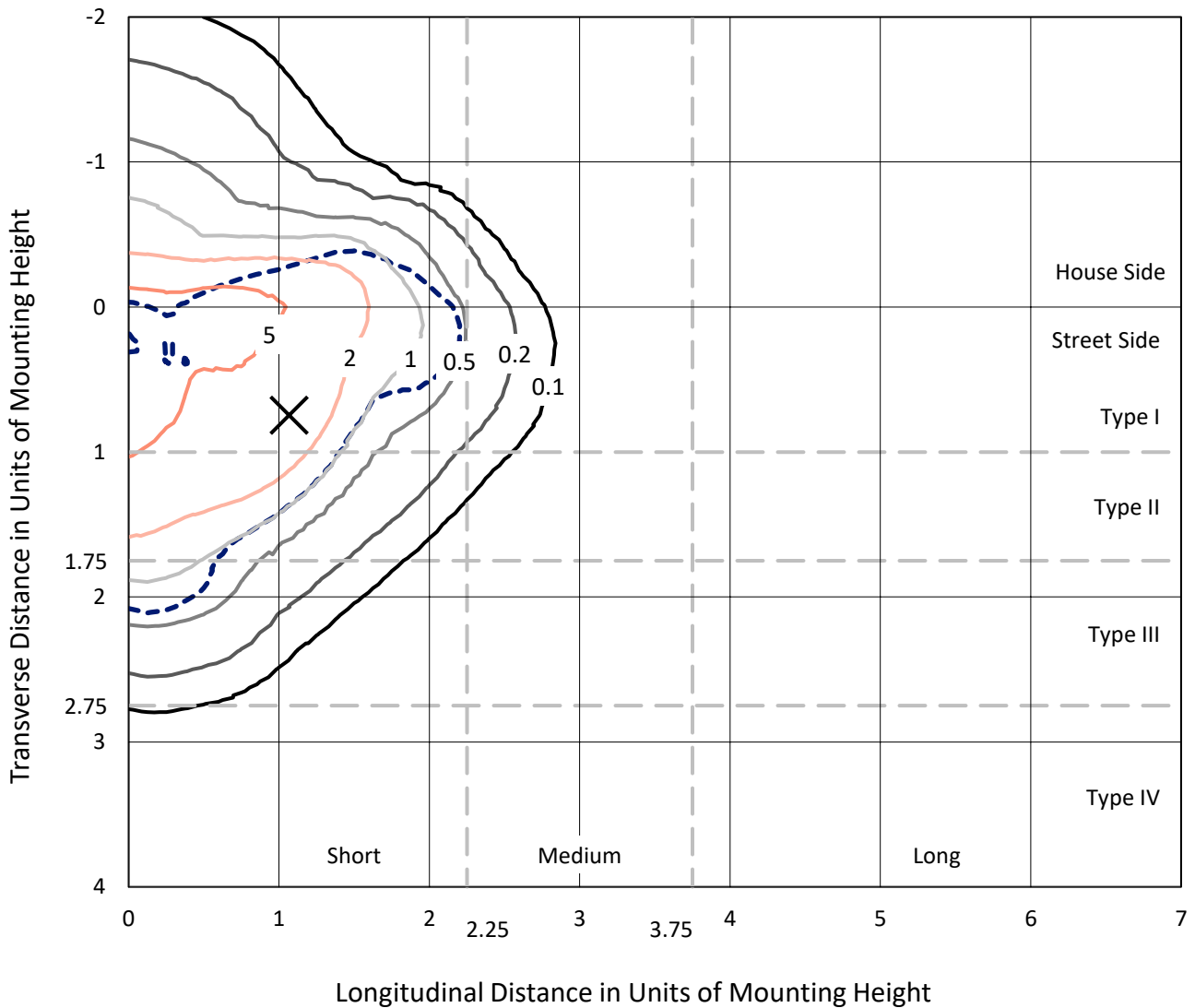
Input Watts (W): 121
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P528912
 CATALOG NUMBER: GLAN-SA4A-735-U-SLL-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

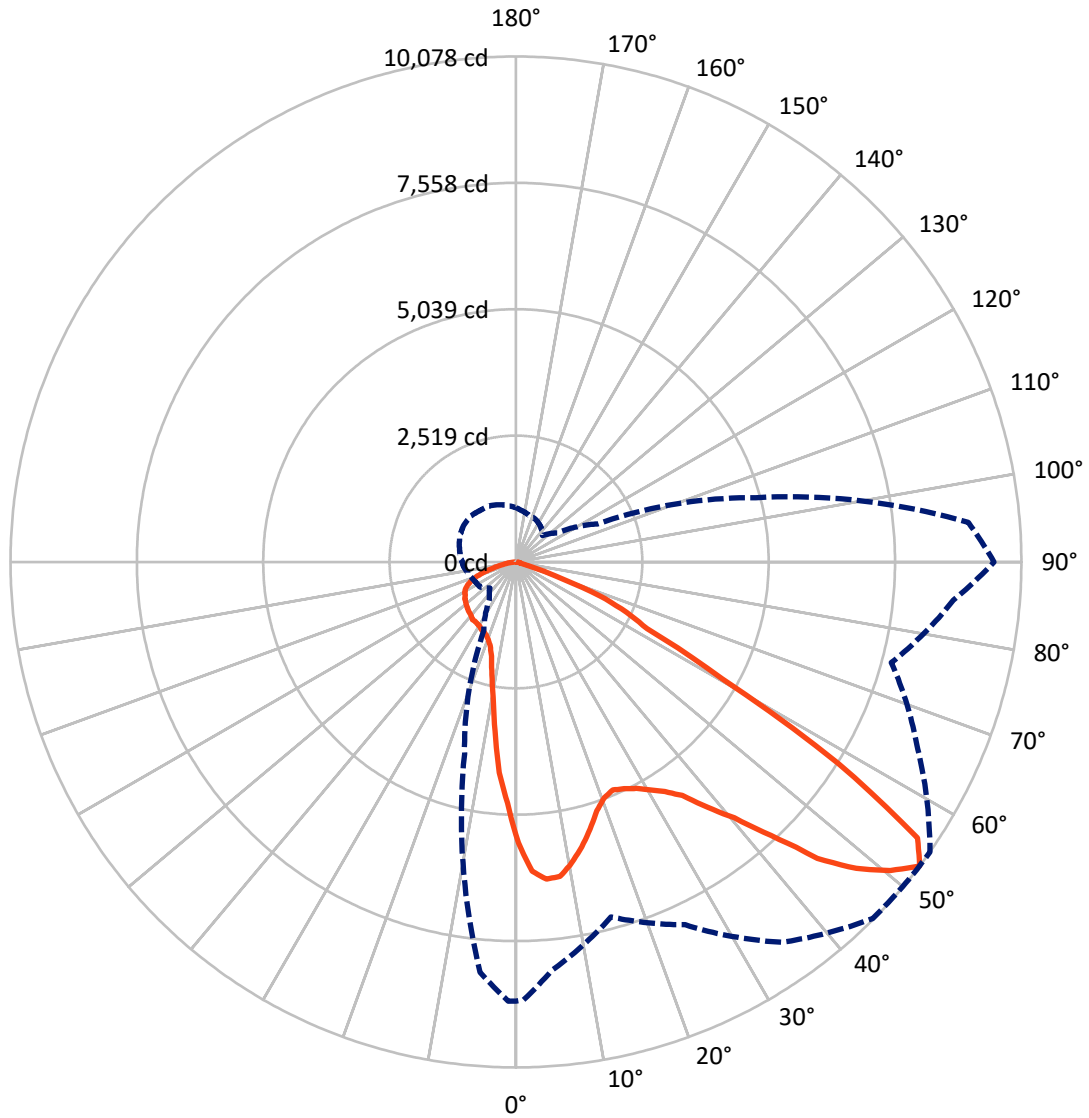
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.5 fc
 Type II - Short - N/A

REPORT NUMBER: P528912
CATALOG NUMBER: GLAN-SA4A-735-U-SLL-GRSWH

Luminous Intensity Polar Plot



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

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3828.7	0.0	3828.7
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	8722.3	0.0	8722.3
	% Fixture	69.5	0.0	69.5
Total	Lumens	12551.0	0.0	12551.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	427.7	3.4
10°-20°	922.2	7.3
20°-30°	1398.4	11.1
30°-40°	2020.5	16.1
40°-50°	2699.9	21.5
50°-60°	3013.7	24.0
60°-70°	1653.2	13.2
70°-80°	357.4	2.8
80°-90°	57.8	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°	12551.0	100.0
0°-180°	12551.0	100.0

Coefficient of Utilization



REPORT NUMBER: P528912

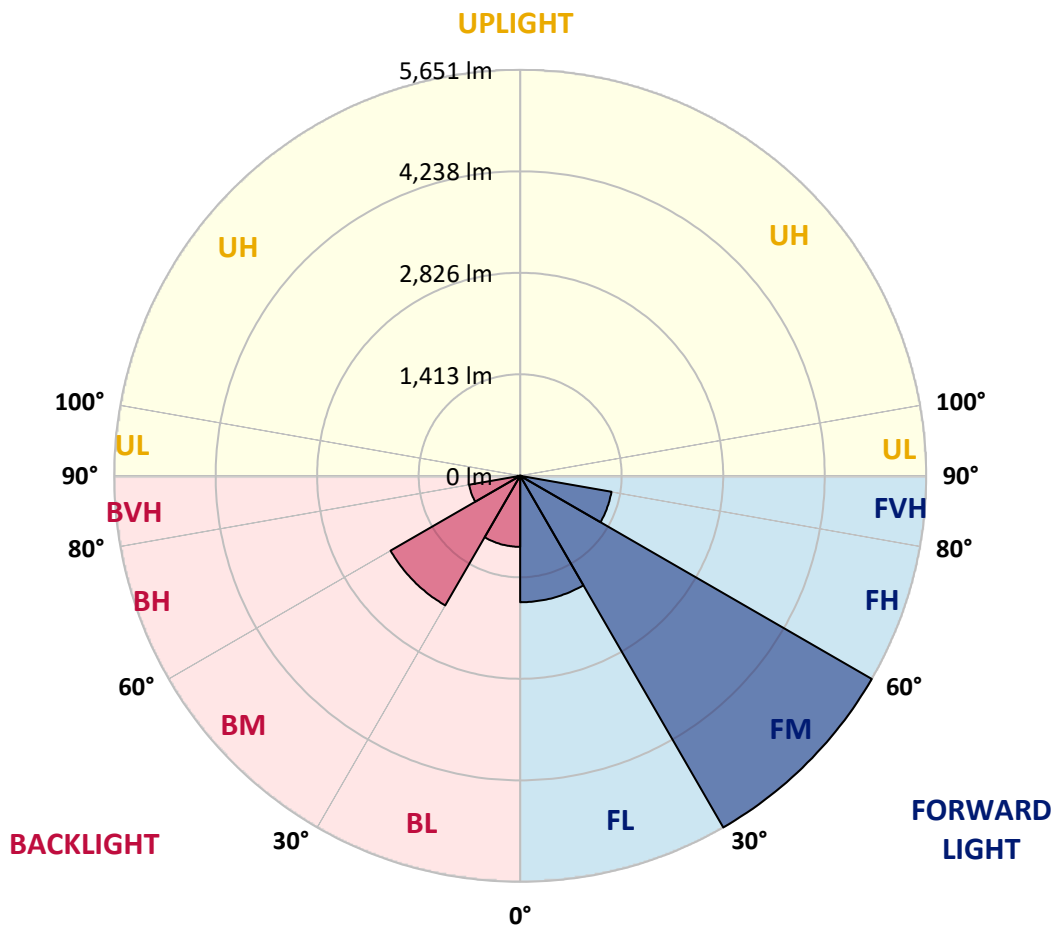
CATALOG NUMBER: GLAN-SA4A-735-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1759.9	14.0			
FM (30°-60°)	5651.0	45.0			
FH (60°-80°)	1289.9	10.3			G1/1800
FVH (80°-90°)	21.4	0.2			G1/100
BL (0°-30°)	988.5	7.9	B2/1000		
BM (30°-60°)	2083.1	16.6	B2/2500		
BH (60°-80°)	720.7	5.7	B2/1000		G2/1000
BVH (80°-90°)	36.4	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Short





REPORT NUMBER: P528912

CATALOG NUMBER: GLAN-SA4A-735-U-SLL-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7
2.5°	5875.4	5842.5	5871.8	6011.1	6091.7	6146.7	6181.5	6176.0	6044.0	5915.8	5915.8
5°	5703.2	5661.0	5721.5	6036.7	6353.8	6381.3	6427.1	6351.9	6157.7	5923.1	5629.9
7.5°	5204.7	5235.9	5336.6	5750.8	6163.2	6370.3	6425.2	6329.9	6014.7	5576.7	5146.1
10°	4774.0	4847.3	5080.1	5527.2	5906.6	6176.0	6236.5	6102.7	5853.5	5316.5	4931.6
12.5°	4625.6	4579.8	4838.2	5285.3	5648.2	5793.0	5820.5	5829.6	5661.0	5184.5	4715.4
15°	4607.3	4636.6	4838.2	5177.2	5400.8	5408.1	5453.9	5525.4	5547.4	5274.3	4816.2
17.5°	4871.2	4836.3	5043.4	5312.8	5206.5	5100.2	5111.2	5213.9	5395.3	5351.3	5133.2
20°	5261.5	5340.3	5503.4	5475.9	5190.0	4920.6	4922.5	5019.6	5377.0	5670.2	5574.9
22.5°	5910.3	5987.2	6108.2	5776.5	5190.0	4867.5	4805.2	4937.1	5494.3	6049.5	6073.4
25°	6502.2	6643.3	6676.3	6286.0	5450.3	4917.0	4876.7	5006.8	5611.5	6419.7	6645.2
27.5°	7041.0	7092.3	7237.1	6614.0	5595.1	4950.0	4946.3	5113.1	5760.0	6604.8	7156.5
30°	7466.2	7460.7	7543.1	6821.1	5826.0	5135.1	4957.3	5272.5	5954.2	6910.9	7629.3
32.5°	7755.7	7818.0	7992.1	7108.8	5923.1	5311.0	5171.7	5459.4	6190.7	7055.7	7962.8
35°	8265.2	8373.3	8153.4	7268.3	6231.0	5485.1	5322.0	5714.2	6307.9	7213.3	8371.5
37.5°	8745.4	8662.9	8439.3	7354.4	6430.7	5807.6	5655.5	6207.2	6672.6	7556.0	8642.7
40°	9053.2	9051.4	8653.7	7424.0	6571.8	6300.6	6291.5	6707.5	7119.8	7772.2	8947.0
42.5°	9187.0	9315.3	8741.7	7416.7	6868.7	6898.1	7083.2	7455.2	7436.9	7816.2	8939.6
44°	9370.3	9447.3	8893.8	7433.2	7066.7	7301.2	7737.4	7973.8	7713.6	7792.4	8930.5
45°	9363.0	9368.5	8677.6	7455.2	7235.3	7638.4	8028.8	8428.3	7957.3	7741.1	9051.4
47.5°	9148.5	9086.2	8494.3	7292.1	7761.2	8529.1	8890.1	9132.0	8257.9	7631.1	8901.1
50°	8725.2	8653.7	8049.0	7222.4	7871.2	9082.6	9581.0	9669.0	8530.9	7523.0	8752.7
52.5°	8754.5	8734.4	8175.4	7326.9	7981.1	9256.7	10055.7	10077.7	8840.7	7750.2	8754.5
55°	9278.7	9209.0	8538.3	7457.0	7900.5	9053.2	9753.3	9714.8	8736.2	7612.8	8915.8
57.5°	8490.6	8536.4	8036.1	6942.0	6914.6	7359.9	7667.8	7572.5	7290.2	6870.6	8294.5
60°	6850.4	6980.5	7028.2	5805.8	5217.5	4988.4	4896.8	4728.2	4775.9	5644.5	7286.6
62.5°	5875.4	5868.1	6166.8	5263.3	3417.9	2939.6	2895.6	2934.1	3483.8	5556.6	7136.3
65°	4658.6	4783.2	4874.8	4460.6	2705.0	2182.7	2180.8	2424.6	3014.7	4643.9	5761.8
67.5°	2957.9	3121.0	3234.6	2853.4	1808.8	1554.1	1511.9	1805.2	2089.2	3045.8	3469.2
70°	1667.7	1744.7	1796.0	1645.7	1150.9	806.4	758.7	828.4	1262.7	1971.9	2056.2
72.5°	643.3	678.1	747.7	753.2	434.3	260.2	210.8	252.9	531.5	780.7	744.1
75°	99.0	106.3	150.3	179.6	124.6	95.3	100.8	104.5	148.4	201.6	168.6
77.5°	47.6	47.6	45.8	53.1	62.3	67.8	73.3	80.6	88.0	97.1	93.5
80°	31.2	31.2	31.2	36.7	45.8	55.0	62.3	66.0	69.6	77.0	73.3
82.5°	20.2	20.2	20.2	27.5	36.7	45.8	49.5	58.6	66.0	77.0	71.5
85°	11.0	11.0	11.0	18.3	27.5	38.5	36.7	29.3	16.5	1.8	3.7
87.5°	3.7	3.7	3.7	3.7	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: P528912

CATALOG NUMBER: GLAN-SA4A-735-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7
2.5°	5761.8	5677.5	5670.2	5497.9	5344.0	5268.8	5208.4	5039.8	5076.4	4979.3	4977.5
5°	5483.3	5311.0	5032.4	4803.4	4574.3	4528.5	4328.7	4154.6	4160.1	4035.5	4057.5
7.5°	4982.9	4863.8	4524.8	4165.6	3861.4	3645.1	3456.4	3342.7	3198.0	3148.5	3122.8
10°	4665.9	4519.3	4138.1	3687.3	3346.4	3230.9	3049.5	2948.7	2800.3	2727.0	2675.7
12.5°	4526.6	4312.2	3835.7	3377.6	3150.3	3031.2	2877.2	2694.0	2518.0	2450.2	2356.8
15°	4541.3	4284.7	3747.7	3252.9	2979.9	2749.0	2611.5	2408.1	2228.5	2109.4	2041.6
17.5°	4763.0	4451.5	3788.1	3157.6	2765.5	2475.9	2206.5	1986.6	1843.6	1753.8	1731.8
20°	5287.2	4863.8	3855.9	3003.7	2551.0	2190.0	1858.3	1629.2	1519.3	1517.4	1519.3
22.5°	5723.3	5303.7	3993.3	2912.1	2336.6	1823.5	1493.6	1420.3	1398.3	1444.1	1449.6
25°	6311.6	5798.5	4229.7	2864.4	2138.7	1554.1	1350.7	1323.2	1321.3	1380.0	1381.8
27.5°	6914.6	6231.0	4370.8	2725.1	1937.1	1414.8	1264.5	1259.0	1288.3	1350.7	1345.2
30°	7325.1	6593.8	4625.6	2558.4	1698.9	1292.0	1229.7	1237.0	1277.4	1325.0	1332.3
32.5°	7803.4	6951.2	4691.6	2466.7	1552.2	1189.4	1145.4	1161.9	1213.2	1288.3	1328.7
35°	8351.3	7204.1	4792.4	2342.1	1497.3	1110.6	1088.6	1106.9	1169.2	1218.7	1262.7
37.5°	8756.4	7651.3	4810.7	2245.0	1436.8	1066.6	1031.8	1092.3	1128.9	1198.5	1220.5
40°	9056.9	7975.7	4858.3	2184.5	1389.1	1009.8	1009.8	1050.1	1099.6	1163.7	1207.7
42.5°	9249.3	8212.1	4893.2	2129.5	1297.5	993.3	984.1	1024.4	1090.4	1152.7	1172.9
44°	9366.6	8312.9	4858.3	2078.2	1271.9	973.1	973.1	1008.0	1059.3	1132.6	1156.4
45°	9395.9	8439.3	4781.4	2076.4	1240.7	949.3	945.6	1011.6	1046.4	1136.2	1150.9
47.5°	9509.6	8595.1	4790.5	2017.7	1165.6	892.5	956.6	986.0	1017.1	1095.9	1145.4
50°	9505.9	8692.2	4770.4	1931.6	1110.6	828.4	934.6	967.6	998.8	1079.4	1099.6
52.5°	9531.6	9055.1	4955.5	1794.2	1011.6	745.9	861.3	934.6	973.1	1040.9	1083.1
55°	9518.7	9262.2	5138.7	1691.5	872.3	696.4	799.0	885.2	940.1	1011.6	1031.8
57.5°	8694.0	8186.4	4755.7	1499.1	722.1	637.8	711.1	833.9	903.5	976.8	1002.5
60°	7103.3	6309.8	3921.9	1103.2	593.8	586.4	661.6	817.4	846.7	910.8	954.8
62.5°	6564.5	5534.6	3110.0	843.0	507.6	537.0	610.3	738.6	784.4	863.2	903.5
65°	5136.9	3676.3	1926.1	570.0	447.2	482.0	551.6	646.9	722.1	795.4	843.0
67.5°	3042.2	2008.6	953.0	399.5	390.4	427.0	498.5	570.0	656.1	736.7	760.5
70°	1656.7	987.8	406.8	304.2	331.7	364.7	434.3	483.8	566.3	628.6	668.9
72.5°	531.5	300.6	203.4	225.4	252.9	291.4	333.5	394.0	452.7	489.3	522.3
75°	128.3	126.5	144.8	157.6	183.3	212.6	247.4	278.6	324.4	359.2	388.5
77.5°	89.8	97.1	111.8	130.1	139.3	150.3	172.3	196.1	216.3	241.9	260.2
80°	69.6	75.1	86.1	95.3	104.5	113.6	124.6	133.8	146.6	163.1	172.3
82.5°	66.0	69.6	80.6	86.1	82.5	80.6	88.0	91.6	93.5	99.0	104.5
85°	5.5	0.0	3.7	12.8	31.2	45.8	49.5	49.5	47.6	51.3	51.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	7.3	5.5
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: P528912

CATALOG NUMBER: GLAN-SA4A-735-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7
2.5°	4955.5	4893.2	4917.0	4946.3	4904.1	4807.0	4832.7	4821.7	4920.6	4913.3	5012.3
5°	4154.6	4057.5	4068.5	4211.4	4165.6	4215.1	4116.1	4103.3	4121.6	4130.8	4147.3
7.5°	3179.6	3166.8	3276.8	3397.7	3454.5	3395.9	3298.8	3276.8	3256.6	3216.3	3307.9
10°	2595.0	2598.7	2591.4	2683.0	2747.1	2734.3	2675.7	2668.3	2629.8	2615.2	2666.5
12.5°	2316.5	2267.0	2243.2	2213.8	2263.3	2296.3	2270.6	2252.3	2254.1	2272.5	2279.8
15°	2047.1	2015.9	1964.6	1931.6	1955.4	1938.9	1929.8	1966.4	1957.3	1953.6	1997.6
17.5°	1744.7	1770.3	1766.7	1730.0	1761.2	1748.3	1746.5	1720.8	1686.0	1660.4	1675.0
20°	1544.9	1592.6	1629.2	1631.1	1647.5	1645.7	1618.2	1539.4	1513.8	1508.3	1511.9
22.5°	1473.4	1499.1	1543.1	1605.4	1605.4	1576.1	1543.1	1451.5	1427.6	1402.0	1391.0
25°	1416.6	1466.1	1522.9	1530.3	1559.6	1532.1	1478.9	1433.1	1383.6	1348.8	1348.8
27.5°	1387.3	1442.3	1484.4	1497.3	1537.6	1515.6	1460.6	1402.0	1343.3	1341.5	1310.3
30°	1374.5	1425.8	1453.3	1484.4	1502.8	1467.9	1451.5	1389.1	1330.5	1315.8	1264.5
32.5°	1336.0	1409.3	1460.6	1453.3	1467.9	1453.3	1429.5	1378.1	1312.2	1279.2	1273.7
35°	1292.0	1365.3	1420.3	1458.8	1467.9	1436.8	1422.1	1352.5	1262.7	1246.2	1189.4
37.5°	1268.2	1312.2	1380.0	1442.3	1455.1	1438.6	1389.1	1317.7	1227.9	1209.5	1160.1
40°	1238.9	1295.7	1348.8	1400.1	1438.6	1398.3	1341.5	1271.9	1231.5	1176.6	1161.9
42.5°	1216.9	1281.0	1325.0	1381.8	1425.8	1372.6	1306.7	1259.0	1202.2	1165.6	1123.4
44°	1209.5	1268.2	1297.5	1367.1	1403.8	1363.5	1308.5	1259.0	1193.0	1160.1	1123.4
45°	1183.9	1264.5	1295.7	1358.0	1389.1	1356.2	1286.5	1237.0	1189.4	1149.1	1110.6
47.5°	1158.2	1213.2	1266.4	1315.8	1337.8	1326.8	1268.2	1207.7	1150.9	1127.1	1090.4
50°	1150.9	1205.9	1255.4	1301.2	1326.8	1304.8	1251.7	1193.0	1127.1	1088.6	1057.4
52.5°	1114.2	1182.1	1237.0	1251.7	1284.7	1271.9	1231.5	1167.4	1105.1	1072.1	1046.4
55°	1061.1	1132.6	1207.7	1226.0	1273.7	1253.5	1193.0	1132.6	1079.4	1029.9	997.0
57.5°	1040.9	1110.6	1183.9	1207.7	1237.0	1204.0	1189.4	1125.2	1040.9	1015.3	964.0
60°	989.6	1077.6	1138.1	1193.0	1194.9	1185.7	1160.1	1086.8	1017.1	969.5	932.8
62.5°	949.3	1031.8	1079.4	1130.7	1161.9	1136.2	1110.6	1042.8	967.6	914.5	872.3
65°	890.7	965.8	1006.1	1037.3	1072.1	1068.4	1024.4	975.0	896.2	854.0	813.7
67.5°	800.9	866.8	921.8	951.1	973.1	967.6	934.6	899.8	819.2	777.0	747.7
70°	692.7	760.5	795.4	811.9	833.9	844.8	819.2	802.7	731.2	676.2	648.8
72.5°	557.1	601.1	652.4	667.1	676.2	683.6	683.6	668.9	595.6	573.6	526.0
75°	410.5	445.3	483.8	483.8	500.3	502.1	505.8	496.6	441.7	412.3	401.3
77.5°	278.6	304.2	335.4	348.2	359.2	357.4	355.5	329.9	300.6	287.7	276.7
80°	181.4	207.1	221.7	238.2	249.2	247.4	251.1	232.7	219.9	197.9	201.6
82.5°	108.1	128.3	142.9	163.1	163.1	168.6	168.6	163.1	150.3	139.3	139.3
85°	51.3	67.8	77.0	89.8	97.1	99.0	88.0	75.1	62.3	56.8	62.3
87.5°	9.2	12.8	18.3	16.5	20.2	18.3	18.3	18.3	18.3	14.7	16.5
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: P528912

CATALOG NUMBER: GLAN-SA4A-735-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7	5598.7
2.5°	4975.6	5067.3	5131.4	5237.7	5421.0	5567.6	5717.8	5829.6	5842.5	5875.4
5°	4207.7	4257.2	4420.3	4632.9	4783.2	5030.6	5190.0	5479.6	5587.7	5703.2
7.5°	3285.9	3366.6	3584.6	3727.6	4057.5	4367.2	4687.9	5045.3	5188.2	5204.7
10°	2771.0	2888.2	3036.7	3265.8	3445.4	3789.9	4189.4	4587.1	4746.5	4774.0
12.5°	2433.7	2584.0	2781.9	2946.9	3119.2	3419.7	3802.7	4293.9	4501.0	4625.6
15°	2109.4	2265.1	2483.2	2712.3	2864.4	3223.6	3674.4	4227.9	4497.3	4607.3
17.5°	1775.8	1920.6	2100.2	2347.6	2653.7	3056.8	3654.3	4447.8	4742.9	4871.2
20°	1489.9	1570.6	1779.5	2034.2	2417.3	2886.4	3661.6	4772.2	5204.7	5261.5
22.5°	1378.1	1396.5	1478.9	1713.5	2133.2	2712.3	3791.7	5232.2	5723.3	5910.3
25°	1292.0	1288.3	1310.3	1467.9	1926.1	2644.5	3920.0	5655.5	6298.8	6502.2
27.5°	1244.4	1207.7	1209.5	1358.0	1779.5	2534.5	4085.0	6141.2	6951.2	7041.0
30°	1220.5	1213.2	1191.2	1251.7	1620.1	2369.6	4112.4	6619.5	7336.1	7466.2
32.5°	1205.9	1134.4	1106.9	1128.9	1469.8	2190.0	4215.1	6934.7	7812.5	7755.7
35°	1132.6	1068.4	1050.1	1072.1	1363.5	2089.2	4147.3	7209.6	8169.9	8265.2
37.5°	1105.1	1048.3	1011.6	993.3	1264.5	2004.9	4112.4	7632.9	8516.3	8745.4
40°	1079.4	1018.9	975.0	956.6	1187.6	1893.1	4101.4	7959.2	8915.8	9053.2
42.5°	1050.1	1011.6	962.1	929.1	1094.1	1781.3	3975.0	8060.0	9038.6	9187.0
44°	1040.9	982.3	931.0	920.0	1057.4	1724.5	3949.3	8151.6	9144.9	9370.3
45°	1031.8	976.8	918.2	903.5	1044.6	1693.4	3914.5	8173.6	9320.8	9363.0
47.5°	1006.1	971.3	914.5	874.2	1017.1	1625.6	3810.1	8049.0	9141.2	9148.5
50°	986.0	945.6	887.0	808.2	980.5	1568.7	3857.7	8003.1	8708.7	8725.2
52.5°	964.0	903.5	870.5	734.9	920.0	1521.1	3958.5	8210.2	8758.2	8754.5
55°	938.3	872.3	791.7	672.6	819.2	1460.6	4202.2	8618.9	9216.3	9278.7
57.5°	898.0	841.2	725.7	617.6	703.7	1345.2	4123.4	7836.4	8479.6	8490.6
60°	844.8	791.7	657.9	575.4	577.3	1061.1	3687.3	6106.4	6691.0	6850.4
62.5°	793.5	764.2	601.1	515.0	491.1	844.8	3117.3	5074.6	5743.5	5875.4
65°	733.1	661.6	551.6	469.2	421.5	591.9	2208.3	3791.7	4480.8	4658.6
67.5°	656.1	579.1	485.6	412.3	361.0	395.9	1139.9	2155.2	2853.4	2957.9
70°	573.6	502.1	408.7	348.2	291.4	273.1	502.1	1028.1	1559.6	1667.7
72.5°	471.0	405.0	326.2	274.9	218.1	188.8	168.6	274.9	553.5	643.3
75°	340.9	295.1	245.6	196.1	153.9	121.0	99.0	82.5	91.6	99.0
77.5°	251.1	214.4	181.4	139.3	108.1	86.1	67.8	51.3	49.5	47.6
80°	196.1	174.1	144.8	111.8	84.3	64.1	47.6	34.8	31.2	31.2
82.5°	153.9	142.9	119.1	91.6	69.6	51.3	34.8	23.8	20.2	20.2
85°	58.6	58.6	86.1	75.1	53.1	36.7	23.8	12.8	11.0	11.0
87.5°	14.7	14.7	14.7	14.7	12.8	11.0	11.0	5.5	3.7	3.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)