

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: P459456

Luminaire Tested: **GLAN-SA9A-735-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P459456  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/4/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA9A-735-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 33290 lumens  
Efficiency: N/A  
Efficacy: 121.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4

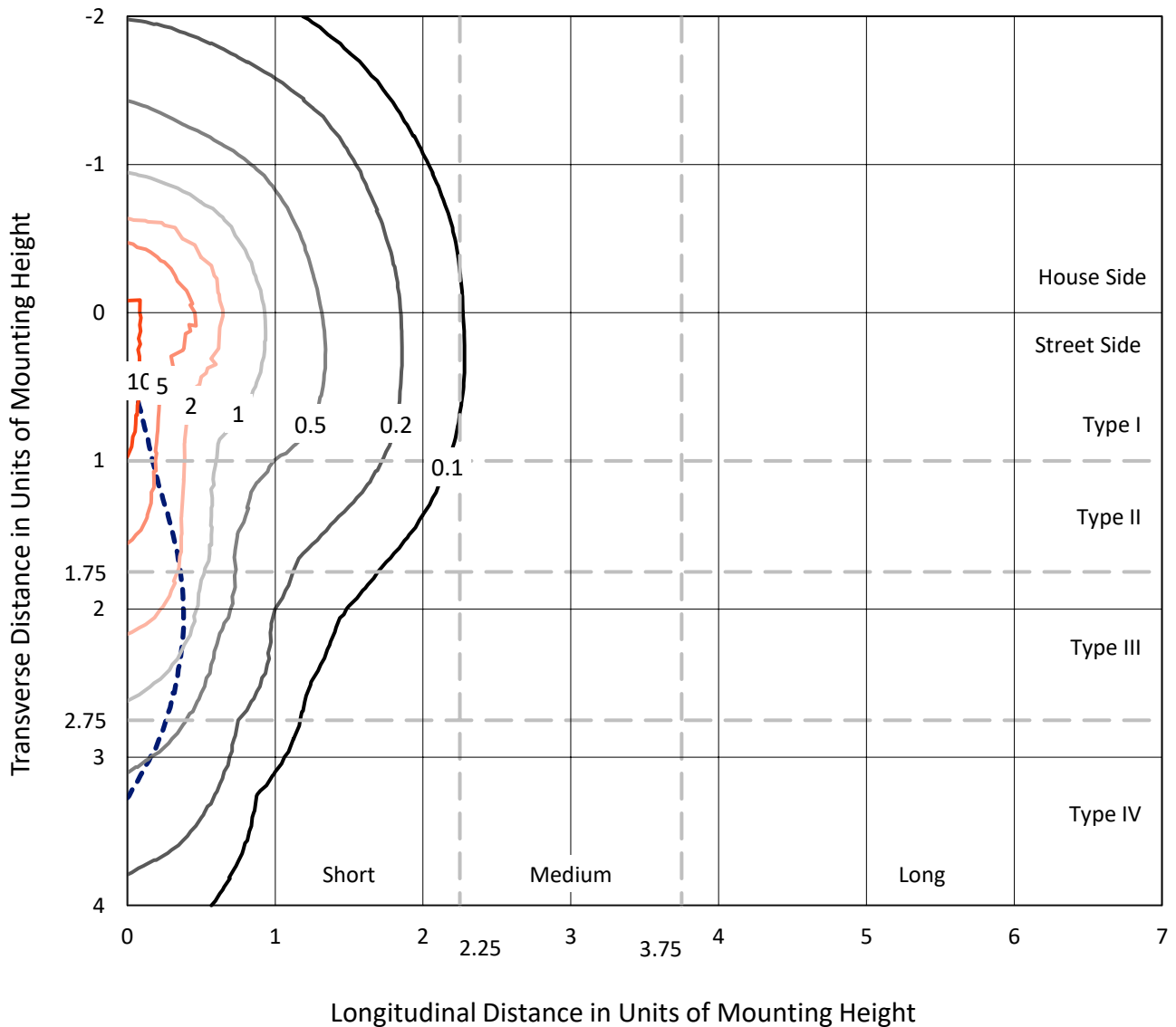
Input Watts (W): 274  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P459456  
 CATALOG NUMBER: GLAN-SA9A-735-U-SLR

### Iso-Footcandle Lines of Horizontal Illumination

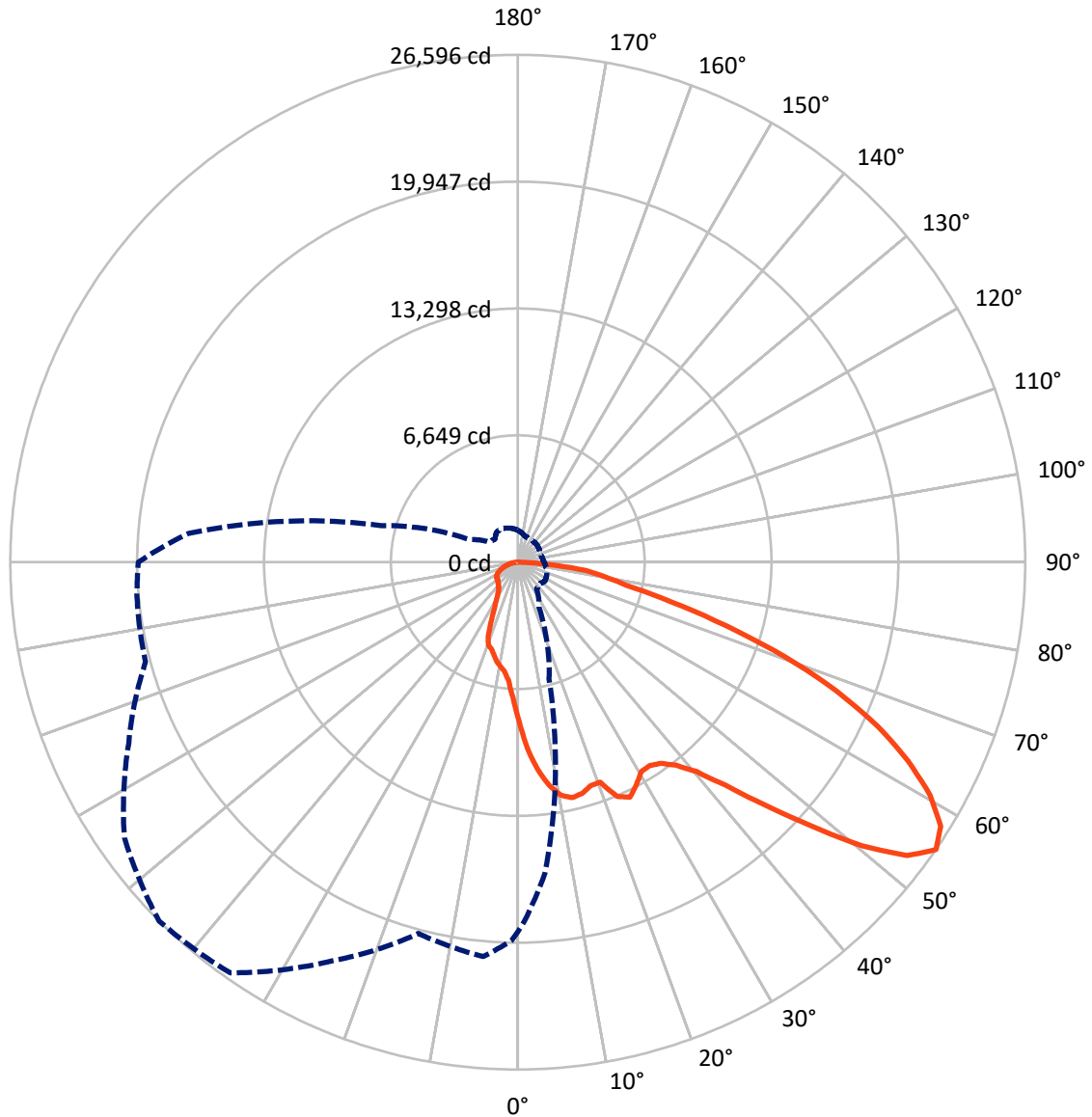
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.3 fc  
 Type IV - Short - N/A

REPORT NUMBER: P459456  
CATALOG NUMBER: GLAN-SA9A-735-U-SLR

### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral    - - - Horizontal Cone Through 55-Deg Vertical

REPORT NUMBER: P459456

CATALOG NUMBER: GLAN-SA9A-735-U-SLR

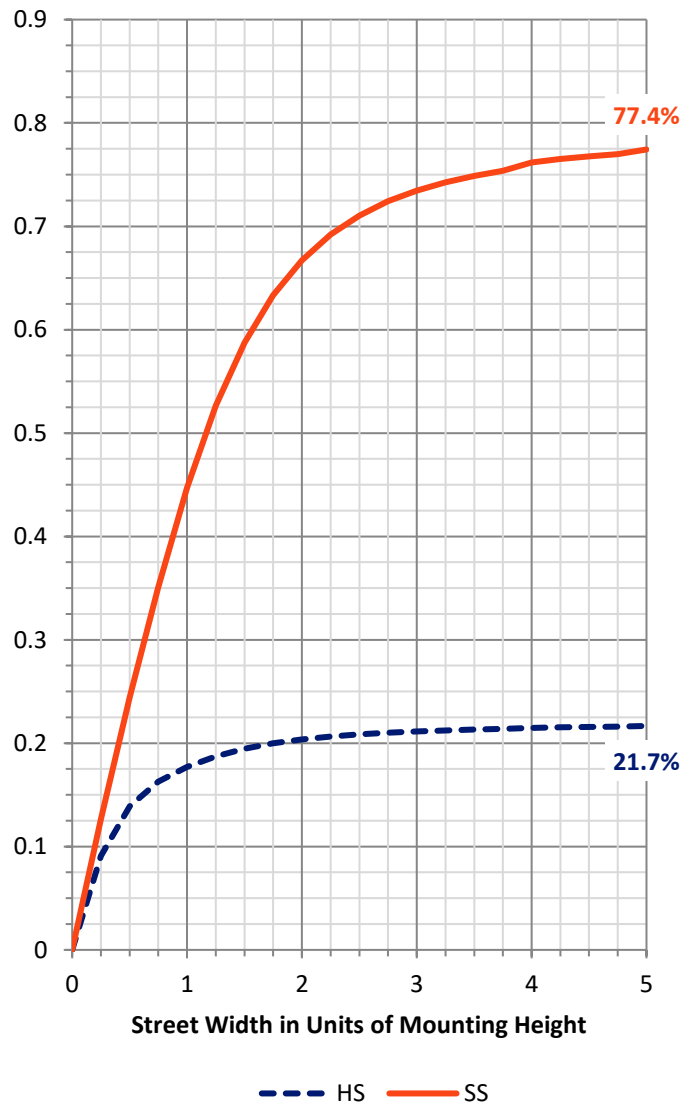
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	7282.0	0.0	7282.0
	% Fixture	21.9	0.0	21.9
<b>Street Side</b>	Lumens	26008.0	0.0	26008.0
	% Fixture	78.1	0.0	78.1
<b>Total</b>	Lumens	33290.0	0.0	33290.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	708.1	2.1
10°-20°	1878.5	5.6
20°-30°	3245.2	9.7
30°-40°	3771.5	11.3
40°-50°	5262.0	15.8
50°-60°	7139.9	21.4
60°-70°	6792.8	20.4
70°-80°	3669.6	11.0
80°-90°	822.4	2.5
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°	33290.0	100.0
0°-180°	33290.0	100.0



REPORT NUMBER: P459456

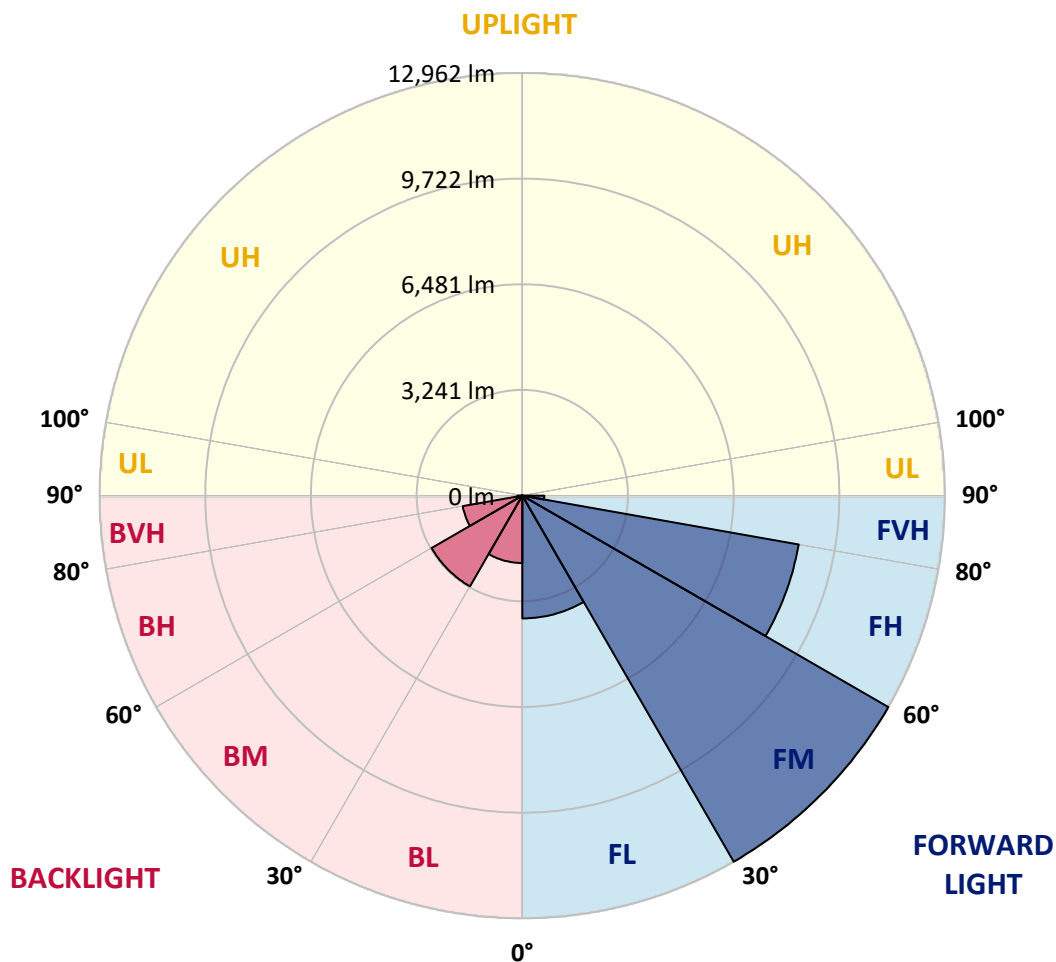
CATALOG NUMBER: GLAN-SA9A-735-U-SLR

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3765.2	11.3			
FM	(30°-60°)	12962.4	38.9			
FH	(60°-80°)	8608.2	25.9			G4/12000
FVH	(80°-90°)	672.1	2.0			G4/750
BL	(0°-30°)	2066.7	6.2	B3/2500		
BM	(30°-60°)	3210.9	9.6	B3/5000		
BH	(60°-80°)	1854.2	5.6	B3/2500		G3/2500
BVH	(80°-90°)	150.3	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G4**

Type IV Short





REPORT NUMBER: P459456

CATALOG NUMBER: GLAN-SA9A-735-U-SLR

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5
2.5°	9281.3	9246.2	9147.3	8888.2	8626.8	8361.1	8156.8	7902.1	7636.3	7493.6	7311.3
5°	9408.7	9369.2	9136.4	8552.2	8022.9	7467.2	7023.6	6634.8	6476.7	6243.9	6057.2
7.5°	9110.0	9092.4	8743.2	7904.3	7179.5	6452.5	5949.6	5637.7	5354.4	5249.0	5271.0
10°	8837.7	8767.4	8330.3	7234.4	6388.9	5798.1	5437.9	5132.6	4932.8	4880.0	4891.0
12.5°	8611.4	8517.0	8000.9	6784.2	6044.0	5571.9	5112.8	4794.4	4612.1	4662.6	4833.9
15°	8565.3	8437.9	7862.5	6630.4	5855.2	5246.8	4743.9	4377.1	4240.9	4350.7	4625.3
17.5°	8864.0	8703.7	8099.7	6681.0	5675.1	4915.2	4298.0	3878.6	3764.4	3940.1	4298.0
20°	9823.8	9586.6	8839.9	6973.1	5657.5	4750.5	4038.9	3617.2	3665.5	3999.3	4372.7
22.5°	11598.3	11242.5	10135.6	7399.1	5749.8	4708.7	3986.2	3766.5	4032.3	4315.6	4561.6
25°	11949.7	11670.8	10368.4	7495.8	5730.0	4680.2	4135.5	4245.3	4541.8	4682.4	4596.7
27.5°	12147.4	11828.9	10353.1	7017.0	5123.8	4245.3	3953.2	4135.5	4210.2	4074.0	3841.2
30°	12608.6	12277.0	10614.4	6514.0	4219.0	3149.4	2760.7	2686.0	2736.5	2762.9	2679.4
32.5°	13243.3	12916.1	11106.4	6184.6	3648.0	2604.7	2222.6	2117.2	2093.0	2064.5	2031.5
35°	14064.7	13561.8	11589.5	5973.8	3413.0	2409.3	2057.9	1976.6	1943.7	1904.1	1869.0
37.5°	14899.3	14372.2	12200.1	5751.9	3257.0	2273.1	1948.1	1910.7	1853.6	1811.9	1761.4
40°	15786.6	15195.8	12755.8	5558.7	3105.5	2185.3	1869.0	1864.6	1789.9	1741.6	1682.3
42.5°	16555.2	15946.9	13252.1	5440.1	2989.1	2093.0	1820.7	1833.9	1757.0	1684.5	1607.6
45°	17165.8	16568.4	13711.1	5440.1	2894.6	2000.8	1811.9	1803.1	1726.2	1636.2	1548.3
47.5°	17701.7	17084.5	14159.1	5578.4	2835.3	1923.9	1763.6	1779.0	1699.9	1585.7	1500.0
50°	18116.8	17572.1	14763.1	5793.7	2776.0	1862.4	1702.1	1785.5	1677.9	1559.3	1460.5
52.5°	18646.1	18158.5	15490.1	6088.0	2725.5	1794.3	1647.2	1785.5	1675.7	1561.5	1453.9
55°	19379.6	18865.7	16366.4	6331.8	2644.3	1730.6	1598.9	1735.0	1669.1	1550.5	1436.3
57.5°	19893.5	19509.2	16985.7	6494.3	2527.9	1649.4	1554.9	1686.7	1640.6	1508.8	1383.6
58°	19917.7	19542.1	17075.8	6531.6	2499.3	1634.0	1544.0	1664.7	1627.4	1491.2	1366.1
60°	19641.0	19318.1	17093.3	6478.9	2336.8	1557.1	1486.9	1574.7	1557.1	1388.0	1271.6
62.5°	18635.1	18290.3	16383.9	6050.6	2121.6	1462.7	1399.0	1453.9	1414.4	1243.1	1135.5
65°	17205.3	16570.6	14925.6	5378.6	1967.8	1361.7	1280.4	1284.8	1243.1	1120.1	1025.6
67.5°	15301.2	14591.8	12637.2	4533.0	1851.4	1249.7	1139.8	1128.9	1078.4	999.3	922.4
70°	12957.8	12472.4	10269.6	3687.5	1721.9	1126.7	981.7	975.1	944.4	885.1	817.0
72.5°	10502.4	9885.3	8293.0	2951.7	1563.7	1008.1	834.6	847.7	808.2	766.5	705.0
75°	7750.5	7346.4	6410.8	2367.5	1350.7	878.5	696.2	700.6	683.0	639.1	590.8
77.5°	5104.1	4983.3	4585.7	1554.9	1038.8	698.4	568.8	573.2	560.0	520.5	470.0
80°	3434.9	3353.7	3107.7	1001.5	694.0	505.1	439.2	443.6	441.4	399.7	331.6
82.5°	2117.2	2082.0	2003.0	676.4	481.0	362.4	289.9	303.1	327.2	281.1	226.2
85°	999.3	1001.5	1210.1	369.0	283.3	232.8	158.1	169.1	169.1	169.1	127.4
87.5°	129.6	136.2	166.9	155.9	103.2	87.8	57.1	48.3	41.7	54.9	39.5
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: P459456

CATALOG NUMBER: GLAN-SA9A-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5
2.5°	7247.6	7203.7	7109.2	7087.3	7074.1	7111.4	7012.6	7038.9	6995.0	7118.0	7098.2
5°	6068.2	6072.6	6149.5	6200.0	6217.5	6200.0	6134.1	6019.9	5932.0	5896.9	5905.7
7.5°	5229.2	5306.1	5437.9	5585.0	5719.0	5758.5	5721.2	5503.8	5266.6	5117.2	5068.9
10°	4950.3	5053.5	5205.1	5321.5	5440.1	5534.5	5554.3	5385.2	5104.1	4750.5	4612.1
12.5°	4965.7	5106.3	5251.2	5288.5	5277.6	5314.9	5297.3	5268.8	5084.3	4634.1	4403.5
15°	4820.7	4987.7	5088.7	5068.9	5033.8	5000.8	4954.7	4882.2	4816.4	4500.1	4245.3
17.5°	4486.9	4658.2	4741.7	4748.3	4748.3	4739.5	4627.5	4601.1	4592.3	4438.6	4282.7
20°	4548.4	4642.8	4605.5	4544.0	4561.6	4620.9	4555.0	4541.8	4592.3	4660.4	4631.9
22.5°	4583.5	4550.6	4269.5	3997.2	3935.7	4120.1	4157.5	4304.6	4508.9	4754.9	4915.2
25°	4366.1	4100.4	3597.4	3290.0	3116.5	3287.8	3511.8	3784.1	4089.4	4405.7	4592.3
27.5°	3650.1	3448.1	3087.9	2811.2	2659.6	2686.0	2877.1	3125.2	3408.6	3621.6	3757.8
30°	2749.7	2659.6	2473.0	2378.5	2286.3	2264.3	2345.6	2440.0	2565.2	2591.6	2626.7
32.5°	2024.9	2011.8	2022.7	1992.0	1974.4	1972.2	1948.1	1970.0	1983.2	1998.6	1967.8
35°	1831.7	1814.1	1783.3	1774.6	1763.6	1768.0	1757.0	1746.0	1754.8	1768.0	1776.8
37.5°	1732.8	1706.5	1662.6	1647.2	1647.2	1653.8	1636.2	1631.8	1647.2	1688.9	1710.9
40°	1656.0	1625.2	1574.7	1554.9	1568.1	1585.7	1561.5	1552.7	1590.1	1634.0	1669.1
42.5°	1583.5	1559.3	1511.0	1489.0	1500.0	1533.0	1497.8	1491.2	1539.6	1587.9	1629.6
45°	1522.0	1497.8	1453.9	1442.9	1447.3	1478.1	1453.9	1453.9	1500.0	1552.7	1590.1
47.5°	1473.7	1442.9	1414.4	1405.6	1410.0	1427.6	1423.2	1423.2	1467.1	1522.0	1559.3
50°	1425.4	1399.0	1361.7	1366.1	1377.0	1401.2	1399.0	1405.6	1449.5	1517.6	1557.1
52.5°	1403.4	1363.9	1322.1	1326.5	1359.5	1388.0	1379.2	1385.8	1436.3	1563.7	1620.8
55°	1379.2	1326.5	1278.2	1284.8	1322.1	1363.9	1352.9	1361.7	1421.0	1594.5	1673.5
57.5°	1333.1	1271.6	1218.9	1223.3	1278.2	1322.1	1304.6	1315.5	1385.8	1561.5	1645.0
58°	1313.4	1260.6	1210.1	1212.3	1265.0	1313.4	1293.6	1302.4	1374.8	1552.7	1631.8
60°	1229.9	1199.1	1155.2	1157.4	1207.9	1249.7	1238.7	1247.5	1317.7	1489.0	1548.3
62.5°	1115.7	1098.1	1087.1	1087.1	1117.9	1157.4	1168.4	1179.4	1243.1	1346.3	1399.0
65°	992.7	992.7	994.9	994.9	1014.7	1065.2	1071.8	1100.3	1159.6	1210.1	1249.7
67.5°	909.2	904.9	909.2	898.3	907.0	937.8	970.7	997.1	1058.6	1093.7	1106.9
70°	801.6	799.4	801.6	786.3	797.2	823.6	845.6	889.5	953.2	979.5	986.1
72.5°	696.2	696.2	700.6	689.6	689.6	718.2	733.5	781.9	841.2	856.5	858.7
75°	586.4	593.0	593.0	577.6	582.0	599.6	619.3	658.9	713.8	724.8	724.8
77.5°	465.6	489.8	489.8	474.4	481.0	483.2	509.5	529.3	571.0	575.4	557.8
80°	338.2	362.4	382.1	369.0	379.9	366.8	382.1	395.3	437.1	417.3	388.7
82.5°	241.6	259.2	274.5	276.7	265.7	241.6	261.4	263.5	283.3	257.0	241.6
85°	134.0	149.3	169.1	160.3	142.8	127.4	134.0	138.4	136.2	129.6	120.8
87.5°	35.1	37.3	41.7	30.7	28.6	24.2	32.9	32.9	37.3	39.5	37.3
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: P459456

CATALOG NUMBER: GLAN-SA9A-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5
2.5°	7113.6	7210.2	7418.9	7577.0	7770.3	8005.3	8282.0	8560.9	8861.8	8956.3	9088.0
5°	5885.9	6127.5	6228.5	6516.2	6801.7	7230.0	7686.8	8216.1	8795.9	9074.9	9342.8
7.5°	5029.4	5159.0	5264.4	5475.2	5817.8	6338.3	6911.6	7572.6	8394.0	8800.3	9193.5
10°	4568.2	4581.4	4710.9	4972.3	5271.0	5730.0	6272.5	7012.6	7928.4	8422.6	8883.8
12.5°	4262.9	4205.8	4346.4	4618.7	4956.9	5380.8	5879.3	6584.3	7592.4	8099.7	8657.6
15°	3995.0	3904.9	4010.3	4289.3	4623.1	5121.6	5657.5	6404.2	7460.6	8051.4	8670.7
17.5°	4001.5	3753.4	3790.7	4025.7	4357.3	4864.7	5514.8	6397.6	7660.5	8341.3	9074.9
20°	4495.7	4098.2	3929.1	3973.0	4293.6	4847.1	5580.6	6705.1	8317.2	9309.9	10093.9
22.5°	4981.1	4741.7	4469.3	4379.3	4555.0	5134.8	6000.1	7432.1	9744.7	11240.3	12656.9
25°	4812.0	5016.2	4948.1	4820.7	4860.3	5341.3	6285.6	8029.4	10853.8	12538.3	13869.2
27.5°	3850.0	4221.2	4295.8	4293.6	4309.0	4704.3	5653.1	7627.5	10992.2	12786.5	14058.1
30°	2705.8	2738.7	2778.2	2855.1	2925.4	3279.0	4423.2	6696.3	10930.7	12898.5	14172.3
32.5°	1952.5	1996.4	2051.3	2156.7	2323.6	2773.8	3869.8	6399.8	11255.7	13361.9	14506.2
35°	1785.5	1836.1	1888.8	2009.6	2167.7	2585.0	3650.1	6276.8	11789.4	14113.0	15105.7
37.5°	1732.8	1789.9	1836.1	1923.9	2051.3	2448.8	3450.3	6193.4	12336.3	14908.1	15909.5
40°	1695.5	1761.4	1798.7	1869.0	1956.8	2323.6	3272.4	6127.5	12865.6	15635.0	16555.2
42.5°	1662.6	1730.6	1779.0	1829.5	1901.9	2211.6	3114.3	6061.6	13324.6	16340.0	17198.7
45°	1623.0	1708.7	1770.2	1809.7	1873.4	2117.2	2993.5	6008.9	13847.3	16965.9	17848.8
47.5°	1590.1	1684.5	1761.4	1807.5	1831.7	2051.3	2896.8	6081.4	14475.4	17620.4	18452.8
50°	1592.3	1682.3	1779.0	1851.4	1787.7	1996.4	2837.5	6369.1	15292.4	18397.9	18929.4
52.5°	1662.6	1772.4	1849.2	1866.8	1726.2	1930.5	2806.8	6872.0	16258.8	19085.3	19410.4
55°	1741.6	1855.8	1939.3	1928.3	1693.3	1847.0	2800.2	7407.9	17317.3	19886.9	20036.3
57.5°	1713.1	1880.0	2007.4	1950.3	1695.5	1765.8	2771.7	7840.6	18202.4	20486.5	20655.6
58°	1704.3	1871.2	2016.1	1945.9	1688.9	1741.6	2765.1	7877.9	18325.4	20528.2	20743.5
60°	1618.6	1794.3	2009.6	1912.9	1651.6	1675.7	2692.6	7998.7	18292.5	20313.0	20796.2
62.5°	1462.7	1607.6	1858.0	1752.6	1537.4	1587.9	2530.1	7849.4	17400.8	19276.4	20025.3
65°	1287.0	1394.6	1561.5	1541.8	1374.8	1497.8	2308.2	7258.6	15615.3	17594.1	18382.5
67.5°	1155.2	1243.1	1348.5	1319.9	1236.5	1377.0	2068.9	6259.3	13612.3	15573.5	16566.2
70°	1021.3	1089.3	1142.0	1122.3	1095.9	1258.4	1855.8	5079.9	11692.8	13654.0	14616.0
72.5°	885.1	948.8	992.7	964.1	948.8	1133.3	1682.3	3942.2	9235.2	11264.5	12501.0
75°	740.1	803.8	834.6	801.6	792.8	999.3	1425.4	2945.2	6929.1	8683.9	9751.3
77.5°	573.2	641.3	680.8	669.9	674.2	821.4	1150.8	2016.1	4954.7	5918.9	7043.3
80°	401.9	476.6	502.9	492.0	522.7	625.9	812.6	1280.4	3417.3	3841.2	4634.1
82.5°	248.2	318.5	322.8	333.8	355.8	463.4	612.8	779.7	2145.7	2218.2	2793.6
85°	125.2	151.5	162.5	180.1	199.9	283.3	349.2	483.2	1381.4	1045.4	1561.5
87.5°	41.7	43.9	52.7	65.9	81.3	116.4	149.3	197.7	342.6	188.9	483.2
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: P459456

CATALOG NUMBER: GLAN-SA9A-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5	8354.5
2.5°	9353.8	9540.5	9676.6	9801.8	9681.0	9670.0	9551.4	9360.4	9281.3	9281.3
5°	9905.0	10342.1	10695.7	10921.9	10825.3	10592.5	10208.1	9718.4	9454.8	9408.7
7.5°	10056.6	10919.7	11576.4	11809.2	11646.7	11132.7	10397.0	9571.2	9193.5	9110.0
10°	9964.3	11086.6	12050.8	12419.7	12193.5	11416.0	10412.4	9399.9	8934.3	8837.7
12.5°	9867.7	11108.6	12138.6	12672.3	12525.1	11644.5	10524.4	9287.9	8749.8	8611.4
15°	9938.0	11117.4	12031.0	12582.2	12676.7	11919.0	10708.9	9369.2	8712.5	8565.3
17.5°	10381.6	11284.3	11877.3	12323.1	12654.7	12292.3	11233.8	9757.9	9046.3	8864.0
20°	11308.4	11684.0	11965.1	12309.9	12843.6	13054.4	12307.7	10825.3	9984.1	9823.8
22.5°	13992.2	13924.1	13348.7	13342.1	14115.2	14960.8	14910.3	12995.1	11730.1	11598.3
25°	14998.1	14681.9	13849.5	13647.4	13987.8	15292.4	15103.5	13438.8	12270.4	11949.7
27.5°	14605.0	13820.9	13274.1	13227.9	13115.9	14348.0	14802.6	13618.9	12459.3	12147.4
30°	14580.8	13427.8	12645.9	12738.2	12845.8	14023.0	14969.6	14183.3	12942.4	12608.6
32.5°	14640.1	13482.7	12692.1	12709.6	13030.3	14071.3	15154.0	14798.3	13577.1	13243.3
35°	14879.5	13794.6	12986.4	12944.6	13445.4	14387.6	15468.1	15764.6	14444.7	14064.7
37.5°	15266.1	14416.1	13524.4	13513.5	14240.4	14958.6	15859.0	16739.7	15307.8	14899.3
40°	15834.9	15143.1	14482.0	14422.7	15321.0	15887.6	16366.4	17778.5	16311.5	15786.6
42.5°	16522.3	16015.0	15744.8	15979.8	16842.9	16930.8	17157.0	18738.3	17165.8	16555.2
45°	17159.2	17135.0	17510.6	18134.3	18637.3	18110.2	17982.8	19381.8	17829.1	17165.8
47.5°	17916.9	18571.4	19704.6	20618.3	21145.4	19482.8	18687.8	19801.3	18312.2	17701.7
50°	18685.6	20291.0	22100.7	23374.6	23486.6	20974.1	19173.2	20196.6	18751.5	18116.8
52.5°	19493.8	21663.7	24073.0	25553.2	25335.8	22272.1	19643.2	20464.5	19203.9	18646.1
55°	20196.6	22504.9	25175.5	26596.4	26278.0	23062.7	20150.5	20754.4	19849.6	19379.6
57.5°	20589.7	22575.1	24900.9	26141.8	25797.0	22909.0	20383.3	20969.7	20262.5	19893.5
58°	20646.8	22480.7	24657.2	25878.3	25526.9	22779.4	20381.1	20960.9	20288.8	19917.7
60°	20596.3	21867.9	23750.1	24837.3	24468.3	21966.8	20297.6	20796.2	19955.0	19641.0
62.5°	20128.5	20805.0	22184.2	22974.8	22869.4	20697.3	19955.0	20174.6	18938.2	18635.1
65°	19513.6	19355.4	20179.0	20739.1	20818.1	19746.4	19614.6	18830.5	17633.6	17205.3
67.5°	18766.9	17712.7	17710.5	18028.9	18160.7	18283.7	18905.2	17370.0	15753.6	15301.2
70°	17499.6	15180.4	14482.0	14857.6	14747.7	15786.6	17638.0	15318.8	13487.1	12957.8
72.5°	15176.0	12046.4	10928.5	11411.7	11134.9	12380.2	15433.0	12606.4	11152.5	10502.4
75°	12301.1	9011.2	7858.1	8301.8	8130.5	9391.1	12841.4	9156.1	7998.7	7750.5
77.5°	9551.4	6529.4	5859.6	5798.1	5925.5	6988.4	9419.7	6182.4	5273.2	5104.1
80°	6136.3	4673.6	4713.1	4634.1	4699.9	4405.7	5719.0	3944.4	3571.1	3434.9
82.5°	4038.9	3257.0	3882.9	3584.3	3404.2	2962.7	3751.2	2582.8	2191.8	2117.2
85°	2751.9	2398.3	2183.1	1669.1	1965.6	2281.9	2813.4	1390.2	1102.5	999.3
87.5°	1243.1	834.6	612.8	377.8	597.4	689.6	1366.1	162.5	125.2	129.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)