

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: P455367

Luminaire Tested: **GLAN-SA6C-740-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P455367
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-SA6C-740-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 4000K, 1050mA 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: 35936 lumens
Efficiency: N/A
Efficacy: 112.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

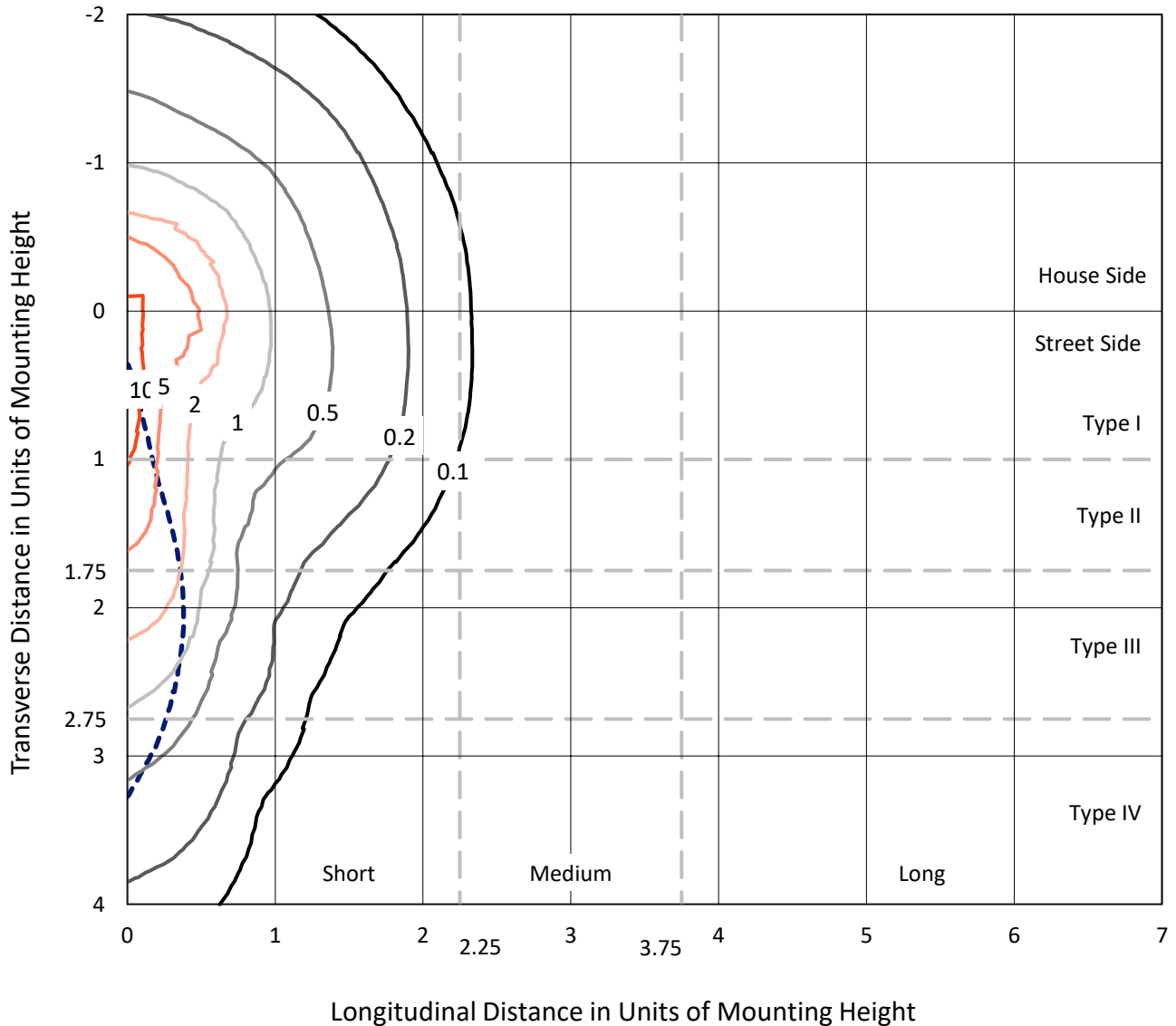
Input Watts (W): 321
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P455367
 CATALOG NUMBER: GLAN-SA6C-740-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

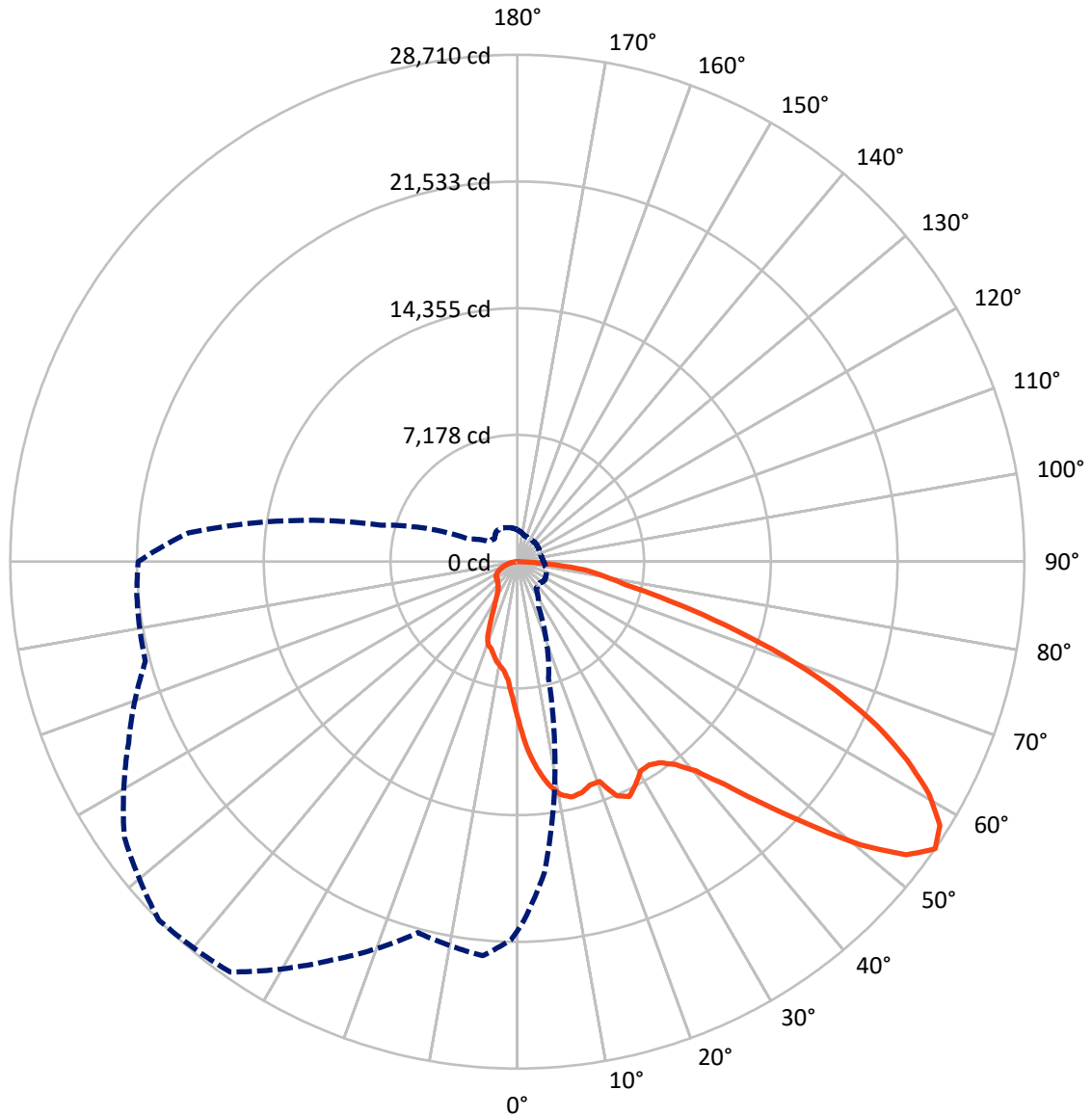
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15.4 fc
 Type IV - Short - N/A

REPORT NUMBER: P455367
CATALOG NUMBER: GLAN-SA6C-740-U-SLR

Luminous Intensity Polar Plot



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

REPORT NUMBER: P455367

CATALOG NUMBER: GLAN-SA6C-740-U-SLR

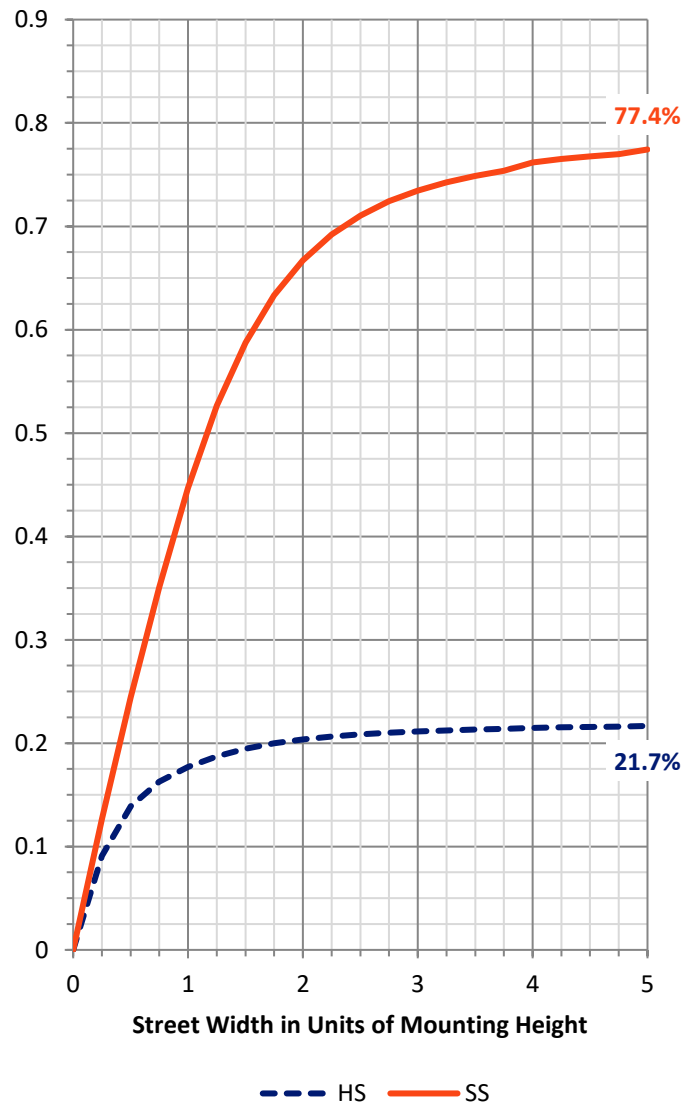
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7860.8	0.0	7860.8
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	28075.2	0.0	28075.2
	% Fixture	78.1	0.0	78.1
Total	Lumens	35936.0	0.0	35936.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	764.4	2.1
10°-20°	2027.8	5.6
20°-30°	3503.2	9.7
30°-40°	4071.2	11.3
40°-50°	5680.2	15.8
50°-60°	7707.4	21.4
60°-70°	7332.7	20.4
70°-80°	3961.3	11.0
80°-90°	887.8	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°	35936.0	100.0
0°-180°	35936.0	100.0



REPORT NUMBER: P455367

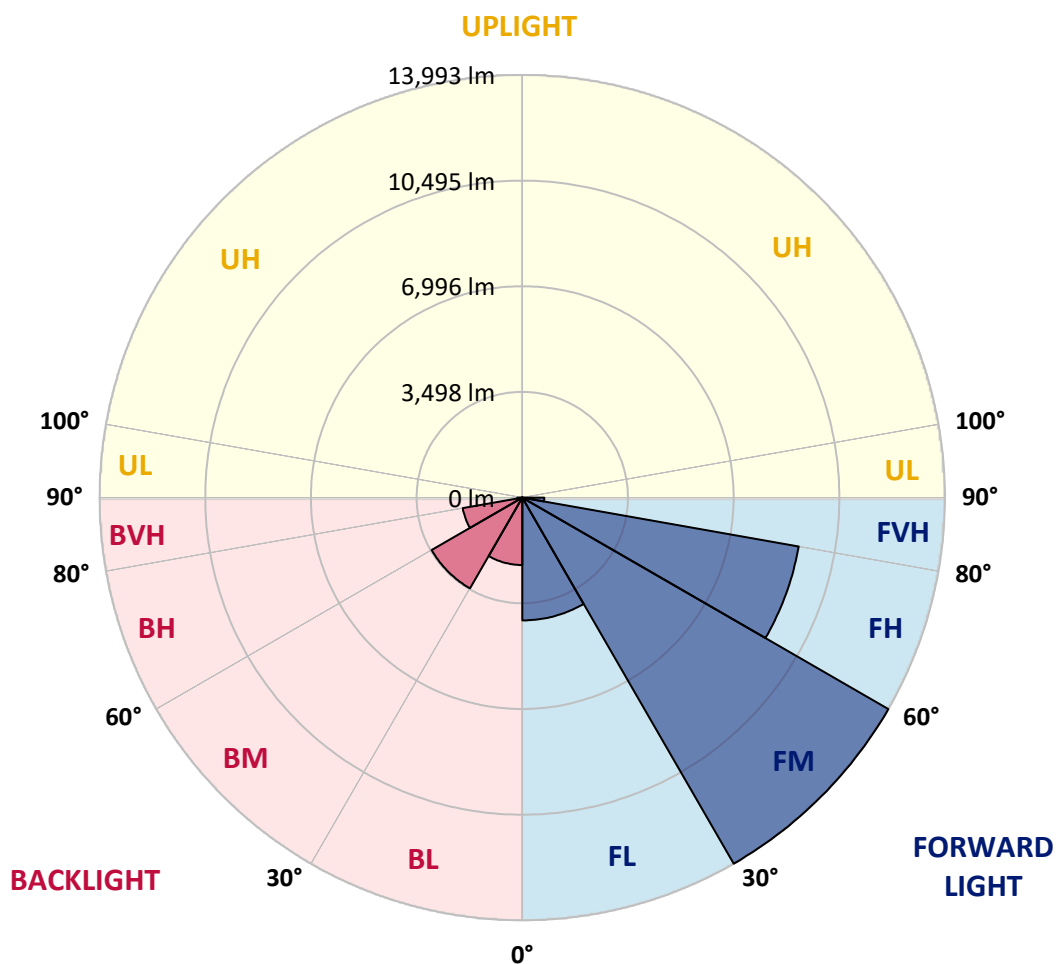
CATALOG NUMBER: GLAN-SA6C-740-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4064.4	11.3			
FM	(30°-60°)	13992.7	38.9			
FH	(60°-80°)	9292.4	25.9			G4/12000
FVH	(80°-90°)	725.6	2.0			G4/750
BL	(0°-30°)	2230.9	6.2	B3/2500		
BM	(30°-60°)	3466.1	9.6	B3/5000		
BH	(60°-80°)	2001.6	5.6	B3/2500		G3/2500
BVH	(80°-90°)	162.2	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: P455367

CATALOG NUMBER: GLAN-SA6C-740-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5
2.5°	10019.0	9981.1	9874.4	9594.6	9312.5	9025.6	8805.2	8530.1	8243.3	8089.2	7892.4
5°	10156.5	10113.8	9862.5	9231.9	8660.5	8060.7	7581.8	7162.2	6991.5	6740.2	6538.7
7.5°	9834.1	9815.1	9438.2	8532.5	7750.2	6965.4	6422.5	6085.8	5780.0	5666.2	5689.9
10°	9540.1	9464.2	8992.5	7809.4	6896.7	6258.9	5870.1	5540.6	5324.8	5267.9	5279.8
12.5°	9295.9	9194.0	8636.8	7323.4	6524.4	6014.7	5519.2	5175.5	4978.7	5033.2	5218.1
15°	9246.1	9108.6	8487.5	7157.5	6320.6	5663.8	5120.9	4725.0	4578.0	4696.6	4992.9
17.5°	9568.6	9395.5	8743.5	7212.0	6126.2	5305.9	4639.7	4186.8	4063.6	4253.2	4639.7
20°	10604.6	10348.6	9542.5	7527.3	6107.2	5128.0	4359.9	3904.7	3956.9	4317.2	4720.3
22.5°	12520.2	12136.1	10941.3	7987.2	6206.8	5083.0	4303.0	4065.9	4352.8	4658.6	4924.2
25°	12899.5	12598.4	11192.6	8091.5	6185.4	5052.2	4464.2	4582.8	4902.8	5054.6	4962.1
27.5°	13112.9	12769.1	11176.0	7574.7	5531.1	4582.8	4267.4	4464.2	4544.8	4397.8	4146.5
30°	13610.8	13252.8	11458.1	7031.8	4554.3	3399.7	2980.1	2899.5	2954.0	2982.5	2892.4
32.5°	14295.9	13942.7	11989.1	6676.2	3937.9	2811.8	2399.3	2285.5	2259.4	2228.6	2193.0
35°	15182.6	14639.7	12510.7	6448.6	3684.2	2600.8	2221.4	2133.7	2098.2	2055.5	2017.6
37.5°	16083.5	15514.5	13169.8	6209.1	3515.9	2453.8	2102.9	2062.6	2001.0	1955.9	1901.4
40°	17041.3	16403.6	13769.6	6000.5	3352.3	2358.9	2017.6	2012.8	1932.2	1880.0	1816.0
42.5°	17871.1	17214.4	14305.4	5872.5	3226.7	2259.4	1965.4	1979.6	1896.6	1818.4	1735.4
45°	18530.2	17885.3	14800.9	5872.5	3124.7	2159.8	1955.9	1946.4	1863.5	1766.2	1671.4
47.5°	19108.7	18442.5	15284.6	6021.8	3060.7	2076.8	1903.8	1920.3	1835.0	1711.7	1619.3
50°	19556.7	18968.8	15936.5	6254.2	2996.7	2010.4	1837.4	1927.5	1811.3	1683.3	1576.6
52.5°	20128.1	19601.8	16721.3	6571.9	2942.2	1936.9	1778.1	1927.5	1808.9	1685.6	1569.5
55°	20920.0	20365.2	17667.2	6835.0	2854.4	1868.2	1725.9	1872.9	1801.8	1673.8	1550.5
57.5°	21474.7	21059.8	18335.8	7010.5	2728.8	1780.5	1678.5	1820.8	1771.0	1628.7	1493.6
58°	21500.8	21095.4	18433.0	7050.8	2698.0	1763.9	1666.7	1797.1	1756.8	1609.8	1474.6
60°	21202.1	20853.6	18452.0	6993.9	2522.5	1680.9	1605.0	1699.9	1680.9	1498.3	1372.7
62.5°	20116.3	19744.0	17686.2	6531.6	2290.2	1579.0	1510.2	1569.5	1526.8	1341.9	1225.7
65°	18572.9	17887.7	16112.0	5806.1	2124.2	1469.9	1382.2	1386.9	1341.9	1209.1	1107.2
67.5°	16517.4	15751.6	13641.6	4893.3	1998.6	1349.0	1230.4	1218.6	1164.1	1078.7	995.7
70°	13987.7	13463.8	11085.9	3980.6	1858.7	1216.2	1059.7	1052.6	1019.4	955.4	881.9
72.5°	11337.2	10671.0	8952.1	3186.4	1688.0	1088.2	900.9	915.1	872.5	827.4	761.0
75°	8366.6	7930.3	6920.4	2555.7	1458.0	948.3	751.5	756.3	737.3	689.9	637.7
77.5°	5509.7	5379.4	4950.2	1678.5	1121.4	753.9	614.0	618.8	604.6	561.9	507.4
80°	3707.9	3620.2	3354.7	1081.1	749.2	545.3	474.2	478.9	476.5	431.5	358.0
82.5°	2285.5	2247.5	2162.2	730.2	519.2	391.2	312.9	327.2	353.2	303.5	244.2
85°	1078.7	1081.1	1306.3	398.3	305.8	251.3	170.7	182.6	182.6	182.6	137.5
87.5°	139.9	147.0	180.2	168.3	111.4	94.8	61.6	52.2	45.0	59.3	42.7
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: P455367

CATALOG NUMBER: GLAN-SA6C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5
2.5°	7823.6	7776.2	7674.3	7650.6	7636.4	7676.7	7570.0	7598.4	7551.0	7683.8	7662.4
5°	6550.5	6555.3	6638.2	6692.8	6711.7	6692.8	6621.7	6498.4	6403.5	6365.6	6375.1
7.5°	5644.9	5727.9	5870.1	6029.0	6173.6	6216.2	6175.9	5941.2	5685.2	5524.0	5471.8
10°	5343.8	5455.2	5618.8	5744.5	5872.5	5974.4	5995.8	5813.2	5509.7	5128.0	4978.7
12.5°	5360.4	5512.1	5668.6	5708.9	5697.0	5737.3	5718.4	5687.6	5488.4	5002.4	4753.5
15°	5203.9	5384.1	5493.1	5471.8	5433.9	5398.3	5348.5	5270.3	5199.2	4857.8	4582.8
17.5°	4843.5	5028.5	5118.6	5125.7	5125.7	5116.2	4995.3	4966.8	4957.3	4791.4	4623.1
20°	4909.9	5011.9	4971.6	4905.2	4924.2	4988.2	4917.0	4902.8	4957.3	5030.8	5000.0
22.5°	4947.9	4912.3	4608.8	4314.9	4248.5	4447.6	4487.9	4646.8	4867.3	5132.8	5305.9
25°	4713.2	4426.3	3883.4	3551.5	3364.2	3549.1	3790.9	4084.9	4414.4	4755.8	4957.3
27.5°	3940.3	3722.2	3333.3	3034.6	2871.0	2899.5	3105.8	3373.7	3679.5	3909.5	4056.4
30°	2968.2	2871.0	2669.5	2567.6	2468.0	2444.3	2532.0	2634.0	2769.1	2797.5	2835.5
32.5°	2185.9	2171.7	2183.5	2150.3	2131.4	2129.0	2102.9	2126.6	2140.8	2157.4	2124.2
35°	1977.2	1958.3	1925.1	1915.6	1903.8	1908.5	1896.6	1884.8	1894.3	1908.5	1918.0
37.5°	1870.6	1842.1	1794.7	1778.1	1778.1	1785.2	1766.2	1761.5	1778.1	1823.1	1846.9
40°	1787.6	1754.4	1699.9	1678.5	1692.8	1711.7	1685.6	1676.2	1716.5	1763.9	1801.8
42.5°	1709.3	1683.3	1631.1	1607.4	1619.3	1654.8	1616.9	1609.8	1661.9	1714.1	1759.1
45°	1643.0	1616.9	1569.5	1557.6	1562.4	1595.6	1569.5	1569.5	1619.3	1676.2	1716.5
47.5°	1590.8	1557.6	1526.8	1517.3	1522.1	1541.0	1536.3	1536.3	1583.7	1643.0	1683.3
50°	1538.7	1510.2	1469.9	1474.6	1486.5	1512.6	1510.2	1517.3	1564.7	1638.2	1680.9
52.5°	1514.9	1472.3	1427.2	1432.0	1467.5	1498.3	1488.9	1496.0	1550.5	1688.0	1749.7
55°	1488.9	1432.0	1379.8	1386.9	1427.2	1472.3	1460.4	1469.9	1533.9	1721.2	1806.6
57.5°	1439.1	1372.7	1315.8	1320.5	1379.8	1427.2	1408.3	1420.1	1496.0	1685.6	1775.7
58°	1417.7	1360.8	1306.3	1308.7	1365.6	1417.7	1396.4	1405.9	1484.1	1676.2	1761.5
60°	1327.6	1294.5	1247.0	1249.4	1303.9	1349.0	1337.1	1346.6	1422.5	1607.4	1671.4
62.5°	1204.4	1185.4	1173.5	1173.5	1206.7	1249.4	1261.3	1273.1	1341.9	1453.3	1510.2
65°	1071.6	1071.6	1074.0	1074.0	1095.3	1149.8	1157.0	1187.8	1251.8	1306.3	1349.0
67.5°	981.5	976.8	981.5	969.7	979.1	1012.3	1047.9	1076.3	1142.7	1180.7	1194.9
70°	865.3	863.0	865.3	848.7	860.6	889.1	912.8	960.2	1028.9	1057.4	1064.5
72.5°	751.5	751.5	756.3	744.4	744.4	775.3	791.8	844.0	908.0	924.6	927.0
75°	633.0	640.1	640.1	623.5	628.3	647.2	668.6	711.2	770.5	782.4	782.4
77.5°	502.6	528.7	528.7	512.1	519.2	521.6	550.0	571.4	616.4	621.2	602.2
80°	365.1	391.2	412.5	398.3	410.1	395.9	412.5	426.7	471.8	450.5	419.6
82.5°	260.8	279.8	296.4	298.7	286.9	260.8	282.1	284.5	305.8	277.4	260.8
85°	144.6	161.2	182.6	173.1	154.1	137.5	144.6	149.4	147.0	139.9	130.4
87.5°	37.9	40.3	45.0	33.2	30.8	26.1	35.6	35.6	40.3	42.7	40.3
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: P455367
 CATALOG NUMBER: GLAN-SA6C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5
2.5°	7679.0	7783.3	8008.6	8179.3	8387.9	8641.6	8940.3	9241.4	9566.2	9668.1	9810.4
5°	6353.8	6614.5	6723.6	7034.2	7342.4	7804.7	8297.8	8869.2	9495.1	9796.2	10085.4
7.5°	5429.1	5569.0	5682.8	5910.4	6280.3	6842.1	7460.9	8174.5	9061.2	9499.8	9924.2
10°	4931.3	4945.5	5085.4	5367.5	5689.9	6185.4	6771.0	7570.0	8558.6	9092.0	9589.9
12.5°	4601.7	4540.1	4691.8	4985.8	5350.9	5808.5	6346.6	7107.7	8195.9	8743.5	9345.7
15°	4312.5	4215.3	4329.1	4630.2	4990.5	5528.7	6107.2	6913.3	8053.6	8691.4	9359.9
17.5°	4319.6	4051.7	4092.0	4345.7	4703.7	5251.3	5953.1	6906.1	8269.4	9004.3	9796.2
20°	4853.0	4423.9	4241.4	4288.8	4634.9	5232.4	6024.2	7238.1	8978.2	10049.8	10896.2
22.5°	5377.0	5118.6	4824.6	4727.4	4917.0	5542.9	6477.0	8022.8	10519.3	12133.8	13662.9
25°	5194.4	5414.9	5341.4	5203.9	5246.6	5765.8	6785.2	8667.7	11716.5	13534.9	14971.6
27.5°	4156.0	4556.7	4637.3	4634.9	4651.5	5078.3	6102.4	8233.8	11865.9	13802.8	15175.5
30°	2920.8	2956.4	2999.1	3082.0	3157.9	3539.6	4774.8	7228.6	11799.5	13923.7	15298.8
32.5°	2107.6	2155.1	2214.3	2328.1	2508.3	2994.3	4177.4	6908.5	12150.4	14424.0	15659.1
35°	1927.5	1982.0	2038.9	2169.3	2340.0	2790.4	3940.3	6775.8	12726.5	15234.8	16306.4
37.5°	1870.6	1932.2	1982.0	2076.8	2214.3	2643.4	3724.5	6685.7	13316.8	16093.0	17174.1
40°	1830.3	1901.4	1941.7	2017.6	2112.4	2508.3	3532.5	6614.5	13888.2	16877.7	17871.1
42.5°	1794.7	1868.2	1920.3	1974.9	2053.1	2387.4	3361.8	6543.4	14383.7	17638.8	18565.8
45°	1752.0	1844.5	1910.9	1953.5	2022.3	2285.5	3231.4	6486.5	14947.9	18314.4	19267.5
47.5°	1716.5	1818.4	1901.4	1951.2	1977.2	2214.3	3127.1	6564.8	15626.0	19020.9	19919.5
50°	1718.8	1816.0	1920.3	1998.6	1929.8	2155.1	3063.1	6875.3	16507.9	19860.2	20433.9
52.5°	1794.7	1913.2	1996.2	2015.2	1863.5	2083.9	3029.9	7418.2	17551.1	20602.3	20953.2
55°	1880.0	2003.3	2093.4	2081.6	1827.9	1993.8	3022.8	7996.7	18693.8	21467.6	21628.8
57.5°	1849.2	2029.4	2166.9	2105.3	1830.3	1906.1	2992.0	8463.8	19649.2	22114.8	22297.4
58°	1839.7	2019.9	2176.4	2100.5	1823.1	1880.0	2984.8	8504.1	19782.0	22159.9	22392.2
60°	1747.3	1936.9	2169.3	2065.0	1782.8	1808.9	2906.6	8634.5	19746.4	21927.6	22449.1
62.5°	1579.0	1735.4	2005.7	1891.9	1659.6	1714.1	2731.2	8473.2	18783.9	20808.5	21617.0
65°	1389.3	1505.5	1685.6	1664.3	1484.1	1616.9	2491.7	7835.5	16856.4	18992.5	19843.6
67.5°	1247.0	1341.9	1455.7	1424.9	1334.8	1486.5	2233.3	6756.8	14694.2	16811.4	17883.0
70°	1102.4	1175.9	1232.8	1211.5	1183.0	1358.5	2003.3	5483.7	12622.2	14739.3	15777.7
72.5°	955.4	1024.2	1071.6	1040.8	1024.2	1223.3	1816.0	4255.6	9969.2	12159.8	13494.6
75°	799.0	867.7	900.9	865.3	855.9	1078.7	1538.7	3179.2	7479.9	9374.2	10526.4
77.5°	618.8	692.3	734.9	723.1	727.8	886.7	1242.3	2176.4	5348.5	6389.3	7603.2
80°	433.9	514.5	542.9	531.1	564.3	675.7	877.2	1382.2	3689.0	4146.5	5002.4
82.5°	267.9	343.8	348.5	360.4	384.1	500.2	661.5	841.6	2316.3	2394.5	3015.7
85°	135.1	163.6	175.4	194.4	215.7	305.8	377.0	521.6	1491.2	1128.5	1685.6
87.5°	45.0	47.4	56.9	71.1	87.7	125.7	161.2	213.4	369.8	203.9	521.6
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: P455367

CATALOG NUMBER: GLAN-SA6C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5	9018.5
2.5°	10097.2	10298.8	10445.8	10580.9	10450.5	10438.6	10310.6	10104.4	10019.0	10019.0
5°	10692.3	11164.1	11545.8	11790.0	11685.7	11434.4	11019.5	10490.8	10206.3	10156.5
7.5°	10855.9	11787.6	12496.5	12747.8	12572.4	12017.6	11223.4	10332.0	9924.2	9834.1
10°	10756.3	11967.8	13008.6	13406.9	13162.7	12323.4	11240.0	10147.0	9644.4	9540.1
12.5°	10652.0	11991.5	13103.4	13679.5	13520.7	12570.0	11360.9	10026.1	9445.3	9295.9
15°	10727.9	12001.0	12987.3	13582.3	13684.3	12866.3	11560.0	10113.8	9405.0	9246.1
17.5°	11206.8	12181.2	12821.3	13302.6	13660.6	13269.4	12126.7	10533.5	9765.3	9568.6
20°	12207.3	12612.7	12916.1	13288.3	13864.5	14092.0	13286.0	11685.7	10777.7	10604.6
22.5°	15104.4	15030.9	14409.7	14402.6	15237.1	16149.9	16095.4	14028.0	12662.5	12520.2
25°	16190.2	15848.8	14950.3	14732.2	15099.6	16507.9	16304.0	14506.9	13245.7	12899.5
27.5°	15765.8	14919.5	14329.1	14279.3	14158.4	15488.5	15979.2	14701.3	13449.6	13112.9
30°	15739.8	14495.1	13651.1	13750.7	13866.8	15137.6	16159.4	15310.6	13971.1	13610.8
32.5°	15803.8	14554.4	13700.9	13719.8	14066.0	15189.7	16358.5	15974.5	14656.3	14295.9
35°	16062.2	14891.0	14018.6	13973.5	14514.1	15531.1	16697.6	17017.6	15592.8	15182.6
37.5°	16479.4	15561.9	14599.4	14587.5	15372.3	16147.5	17119.6	18070.3	16524.5	16083.5
40°	17093.5	16346.7	15633.1	15569.1	16538.7	17150.4	17667.2	19191.6	17607.9	17041.3
42.5°	17835.5	17287.9	16996.3	17250.0	18181.7	18276.5	18520.7	20227.7	18530.2	17871.1
45°	18523.1	18497.0	18902.4	19575.7	20118.6	19549.6	19412.1	20922.3	19246.2	18530.2
47.5°	19341.0	20047.5	21270.8	22257.1	22826.1	21031.4	20173.2	21375.2	19767.8	19108.7
50°	20170.8	21903.8	23857.4	25232.4	25353.4	22641.2	20697.1	21801.9	20241.9	19556.7
52.5°	21043.2	23385.6	25986.4	27584.3	27349.6	24042.3	21204.5	22091.1	20730.3	20128.1
55°	21801.9	24293.6	27176.5	28710.4	28366.7	24895.8	21752.1	22404.1	21427.3	20920.0
57.5°	22226.3	24369.5	26880.2	28219.7	27847.4	24729.8	22003.4	22636.4	21873.0	21474.7
58°	22287.9	24267.5	26617.0	27935.2	27555.8	24590.0	22001.0	22626.9	21901.5	21500.8
60°	22233.4	23606.1	25637.9	26811.4	26413.1	23712.8	21911.0	22449.1	21541.1	21202.1
62.5°	21728.4	22458.6	23947.5	24801.0	24687.2	22342.4	21541.1	21778.2	20443.4	20116.3
65°	21064.6	20893.9	21782.9	22387.5	22472.8	21315.9	21173.6	20327.3	19035.2	18572.9
67.5°	20258.5	19120.5	19118.2	19461.9	19604.2	19736.9	20407.9	18750.7	17005.8	16517.4
70°	18890.6	16387.0	15633.1	16038.5	15919.9	17041.3	19039.9	16536.3	14559.1	13987.7
72.5°	16382.2	13003.9	11797.1	12318.7	12020.0	13364.2	16659.6	13608.4	12038.9	11337.2
75°	13278.9	9727.4	8482.7	8961.6	8776.7	10137.6	13862.1	9883.9	8634.5	8366.6
77.5°	10310.6	7048.4	6325.3	6258.9	6396.4	7543.9	10168.4	6673.8	5692.3	5509.7
80°	6624.0	5045.1	5087.7	5002.4	5073.5	4755.8	6173.6	4258.0	3854.9	3707.9
82.5°	4359.9	3515.9	4191.6	3869.1	3674.7	3198.2	4049.3	2788.1	2366.1	2285.5
85°	2970.6	2588.9	2356.6	1801.8	2121.9	2463.3	3037.0	1500.7	1190.1	1078.7
87.5°	1341.9	900.9	661.5	407.8	644.9	744.4	1474.6	175.4	135.1	139.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)