

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: P458352

Luminaire Tested: **GLAN-SA9D-730-U-SLL**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P458352
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA9D-730-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 3000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 55054 lumens
Efficiency: N/A
Efficacy: 99.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B4 - U0 - G5

Input Watts (W): 552
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

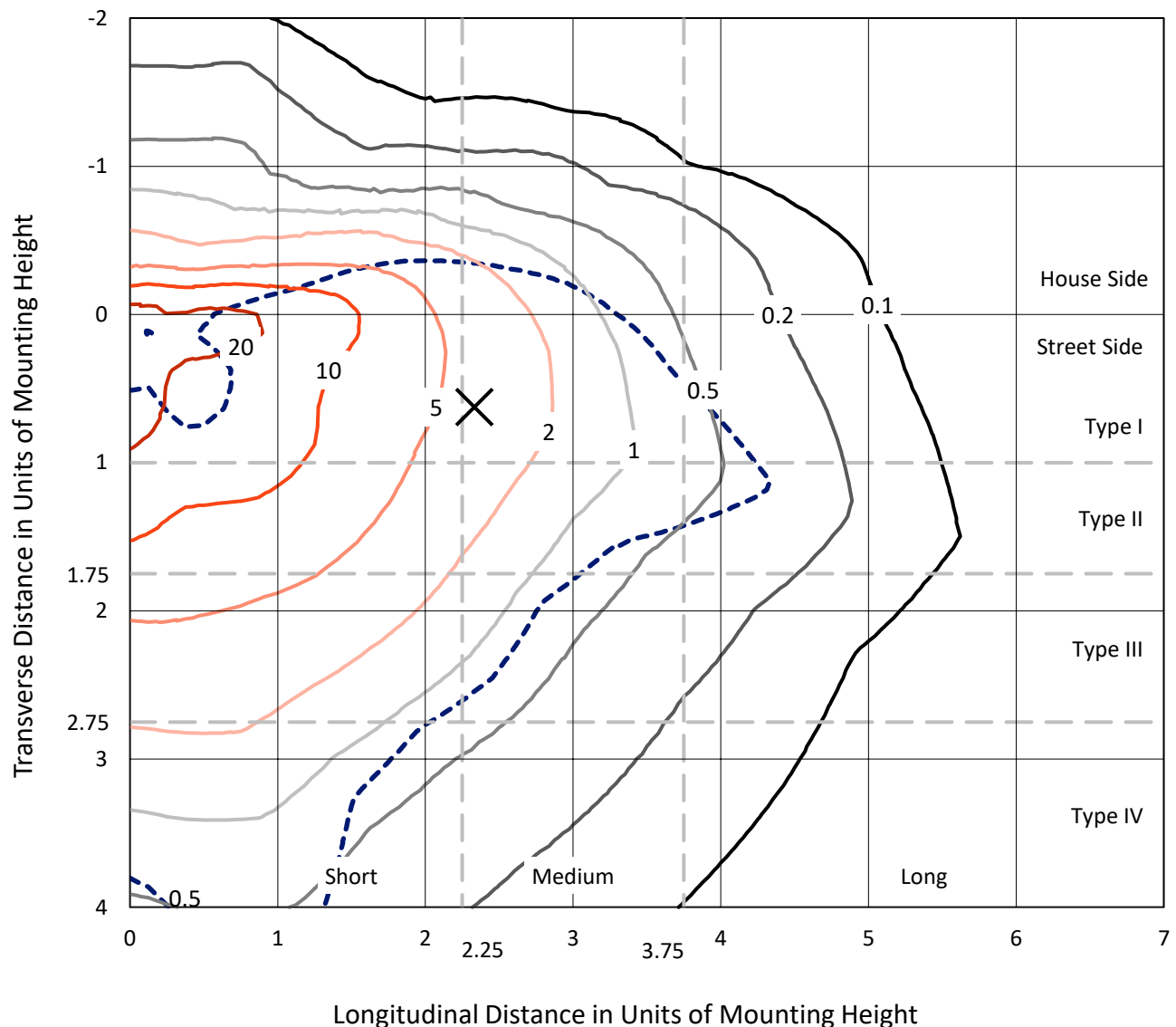


REPORT NUMBER: P458352

CATALOG NUMBER: GLAN-SA9D-730-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

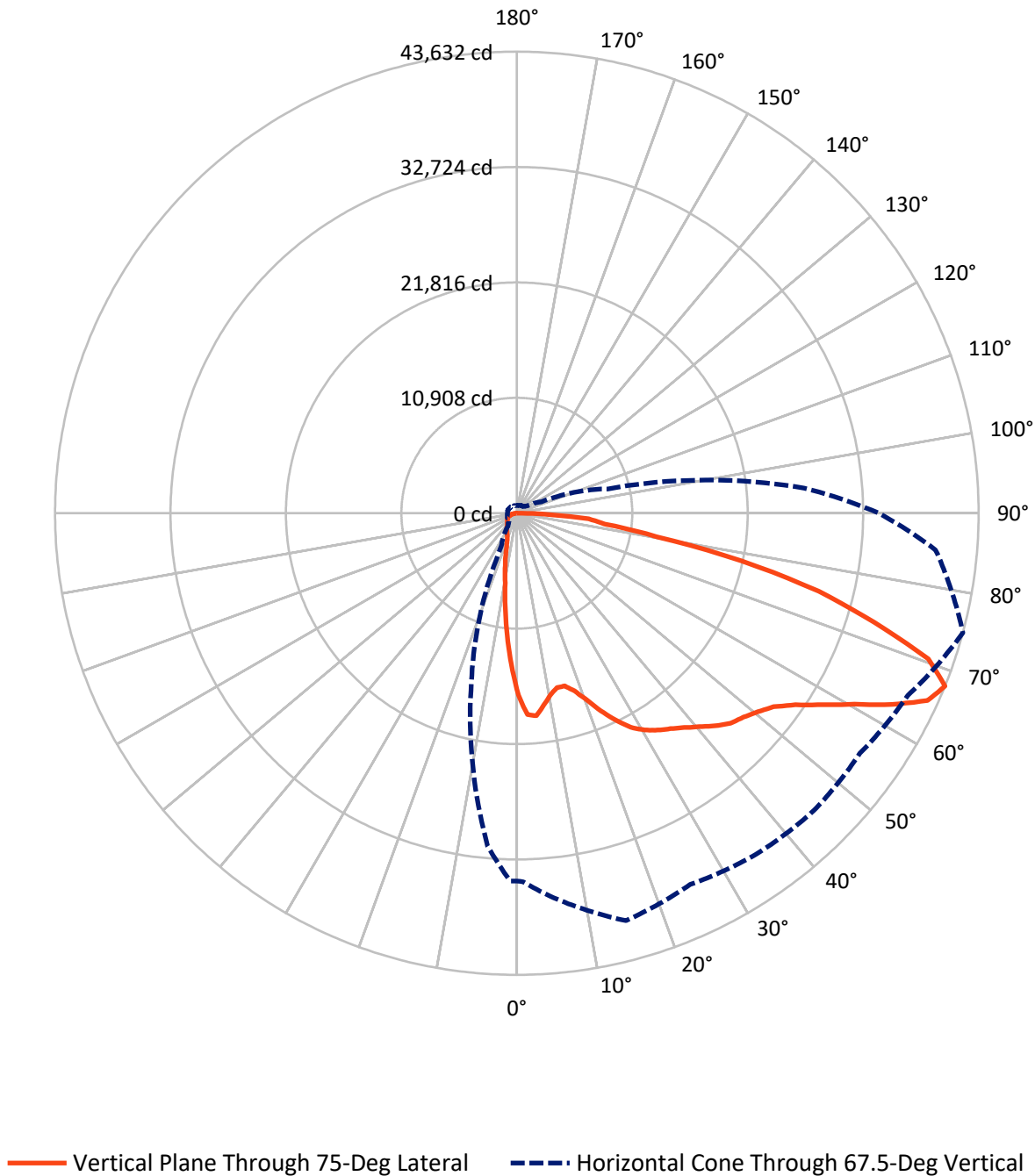


Based on 25 foot mounting height. Maximum calculated value = 33.9 fc
 Type III - Medium - N/A

REPORT NUMBER: P458352

CATALOG NUMBER: GLAN-SA9D-730-U-SLL

Luminous Intensity Polar Plot



REPORT NUMBER: P458352

CATALOG NUMBER: GLAN-SA9D-730-U-SLL

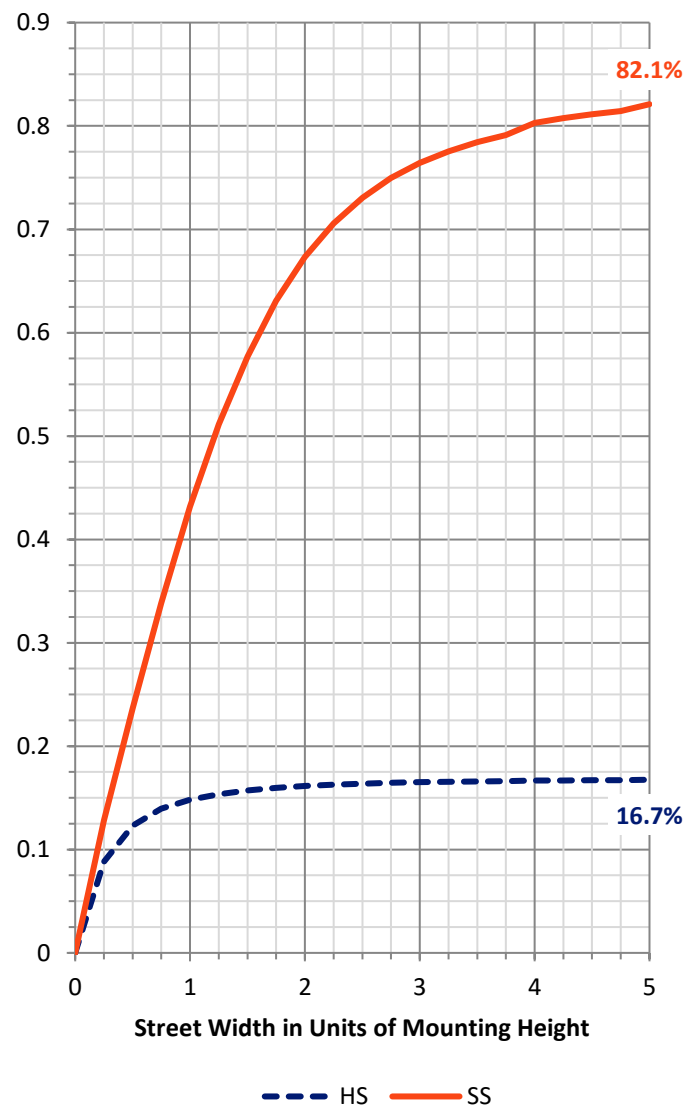
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9305.3	0.0	9305.3
	% Fixture	16.9	0.0	16.9
Street Side	Lumens	45748.7	0.0	45748.7
	% Fixture	83.1	0.0	83.1
Total	Lumens	55054.0	0.0	55054.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1304.6	2.4
10°-20°	2720.8	4.9
20°-30°	3915.2	7.1
30°-40°	5639.0	10.2
40°-50°	7921.2	14.4
50°-60°	11047.3	20.1
60°-70°	13134.6	23.9
70°-80°	7735.5	14.1
80°-90°	1635.8	3.0
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°	55054.0	100.0
0°-180°	55054.0	100.0

Coefficient of Utilization



REPORT NUMBER: P458352

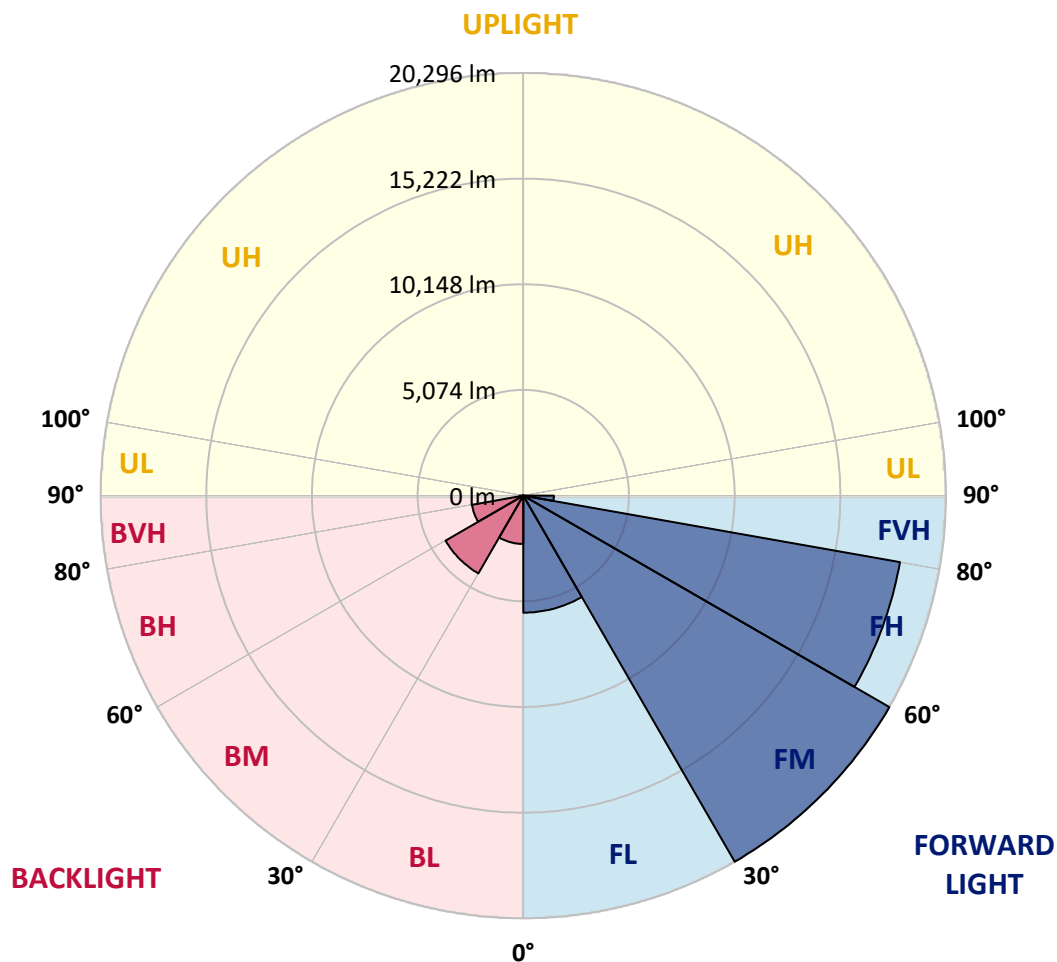
CATALOG NUMBER: GLAN-SA9D-730-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5619.5	10.2			
FM	(30°-60°)	20296.4	36.9			
FH	(60°-80°)	18366.2	33.4			G5
FVH	(80°-90°)	1466.6	2.7			G5
BL	(0°-30°)	2321.0	4.2	B3/2500		
BM	(30°-60°)	4311.2	7.8	B3/5000		
BH	(60°-80°)	2503.9	4.5	B4/5000		G4/5000
BVH	(80°-90°)	169.2	0.3			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5

Type III Medium



REPORT NUMBER: P458352

CATALOG NUMBER: GLAN-SA9D-730-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2
2.5°	18545.3	18570.0	18728.8	19191.3	19509.1	19625.6	19706.8	19555.0	19406.7	19046.6	18502.9
5°	18488.8	18633.5	19046.6	20084.5	20903.6	21256.6	21362.5	20907.1	20155.1	19230.2	18118.1
7.5°	17408.5	17602.6	18238.1	19978.6	21422.5	22248.7	22139.2	21316.6	19961.0	18312.3	16758.9
10°	16126.9	16342.3	17108.4	19212.5	21073.0	22209.8	22209.8	21207.2	19406.7	17447.3	15657.4
12.5°	15110.2	15336.1	16211.7	18425.2	20345.8	21422.5	21602.6	20741.2	19007.7	16900.1	14933.6
15°	14774.8	14993.7	15936.3	17948.6	19576.1	20232.8	20292.8	20010.4	18813.6	16938.9	14901.9
17.5°	15191.4	15473.8	16427.0	18089.8	18870.1	18908.9	18954.8	19177.2	18834.8	17648.5	15544.4
20°	16395.2	16698.9	17694.4	18545.3	18252.2	17849.8	17874.5	18446.4	19085.4	18820.6	17080.1
22.5°	18132.2	18397.0	19417.3	19346.7	17991.0	17161.3	16988.3	17786.2	19456.1	20282.2	18714.7
25°	20006.9	20317.5	21489.6	20536.4	18065.1	16751.8	16642.4	17397.9	19840.9	21648.5	20603.5
27.5°	22153.3	22457.0	23381.9	21736.8	18453.5	16720.0	16589.4	17362.6	20186.9	22912.4	22407.5
30°	23749.1	24028.0	24656.4	22746.5	18930.1	16931.9	16769.5	17641.5	20483.5	23777.3	24165.7
32.5°	25002.4	25291.9	25634.3	23374.9	19558.5	17316.7	17016.6	18149.9	20871.8	24437.5	25468.4
35°	26308.6	26651.1	26626.4	23932.7	20144.5	17761.5	17468.5	18884.2	21482.6	25013.0	27120.6
37.5°	27964.4	28102.1	27925.6	24434.0	20847.1	18562.9	18400.5	19975.1	22351.0	25708.5	29051.8
40°	29644.9	29920.3	29012.9	25041.2	21701.4	20070.4	20052.7	21588.5	23381.9	26524.0	30922.9
42.5°	31085.3	31318.3	30029.7	25570.8	22735.9	21909.7	22043.9	23752.6	24734.1	27470.1	32426.8
45°	32169.1	32377.4	30968.8	26082.7	24098.6	24035.1	24825.9	26072.1	26439.3	28321.0	33309.4
47.5°	33090.6	33291.8	31621.9	26859.4	25782.6	26573.4	27950.3	28490.4	27897.3	28808.2	34298.0
50°	33867.3	33927.3	32070.3	27784.4	27872.6	29683.7	31018.2	31367.7	29337.7	29507.2	35155.9
52.5°	34675.7	34598.0	32843.4	28949.4	30132.1	32635.1	33606.0	33969.6	30718.1	30368.6	36405.6
55°	36486.8	36561.0	34576.9	30418.0	32416.3	35533.6	36811.6	36462.1	32246.8	31953.8	37994.3
57.5°	38675.7	38612.1	37016.4	32716.3	34742.8	38230.8	39184.1	38622.7	34287.4	34132.0	39604.2
60°	39526.5	39611.2	39057.0	35187.6	37037.6	40592.7	41567.1	40695.1	36733.9	36663.3	40818.6
62.5°	38672.1	39148.8	39523.0	37387.1	38993.4	42329.7	43297.0	42301.4	39286.4	39798.3	41669.5
65°	36970.5	37072.9	38347.3	39251.1	39936.0	42615.6	43120.5	42590.9	41418.8	42654.5	41630.6
67.5°	34760.4	34848.7	36342.1	39861.9	38721.6	39367.6	39720.7	39565.3	40758.6	43632.4	39713.6
70°	32656.3	32585.7	34163.8	38305.0	33708.4	32726.9	33020.0	32532.8	35170.0	41242.3	35953.7
72.5°	28561.0	28815.2	30509.8	33976.7	26689.9	25094.2	25733.2	24472.8	27050.0	35321.8	29182.4
75°	22372.2	22432.2	25260.1	28515.1	20133.9	17616.8	18481.7	17955.7	20720.0	29464.8	20151.6
77.5°	15491.5	15357.3	18397.0	21779.1	14358.2	12896.6	12910.7	12660.1	14467.6	21694.4	13690.9
80°	9839.3	9634.5	11516.2	13454.4	9867.5	10555.9	10210.0	10199.4	9419.1	13383.8	8278.8
82.5°	5316.8	5542.7	7276.2	8434.2	7078.5	8158.8	7477.4	7258.5	6464.2	8377.7	5295.6
85°	2421.9	2633.7	3879.9	5736.9	5376.8	5436.8	3632.8	4285.9	5348.6	6803.1	2827.9
87.5°	236.5	303.6	801.4	2707.8	1835.8	1447.5	540.2	1041.5	1345.1	2418.3	225.9
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: P458352

CATALOG NUMBER: GLAN-SA9D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2
2.5°	18280.5	18096.9	17472.0	16956.6	16409.4	15992.8	15449.1	15085.5	14834.8	14457.0	14411.1
5°	17440.2	16991.9	15904.5	14796.0	13839.2	13119.0	12388.2	11717.4	11322.0	11198.5	11039.6
7.5°	16024.5	15269.0	13871.0	12600.0	11502.1	10428.8	9602.7	9016.7	8624.8	8395.3	8120.0
10°	14859.5	13984.0	12282.3	10725.4	9821.6	9154.4	8427.1	7798.7	7315.0	6902.0	6676.0
12.5°	14075.8	13087.2	11173.8	9909.9	9210.8	8501.2	7650.4	6944.3	6231.2	5761.6	5560.4
15°	13839.2	12794.2	10831.3	9503.9	8501.2	7572.7	6619.5	5698.1	4992.0	4547.2	4398.9
17.5°	14418.2	13154.3	10827.8	8963.7	7668.1	6559.5	5338.0	4473.0	3749.3	3417.4	3311.5
20°	15498.5	13846.3	10859.6	8430.6	6764.3	5203.8	3883.5	3173.8	2827.9	2686.6	2633.7
22.5°	17006.0	14901.9	10954.9	7904.6	5775.8	3996.4	2909.1	2549.0	2425.4	2400.7	2390.1
25°	18863.0	16208.1	11276.1	7431.5	4942.6	3050.3	2432.5	2270.1	2199.4	2174.7	2171.2
27.5°	20571.7	17895.7	11664.5	7025.5	4137.6	2630.2	2199.4	2061.8	1991.2	1987.6	1994.7
30°	22114.5	19307.8	11989.3	6570.1	3526.9	2337.1	2047.6	1910.0	1842.9	1839.3	1860.5
32.5°	23449.0	20469.3	12229.4	6121.7	3188.0	2157.1	1910.0	1761.7	1705.2	1694.6	1705.2
35°	24875.3	21627.3	12119.9	5772.2	2993.8	2008.8	1807.6	1662.8	1595.7	1564.0	1564.0
37.5°	26502.8	22820.6	11932.8	5482.7	2905.5	1885.2	1719.3	1578.1	1511.0	1479.2	1475.7
40°	28278.6	24013.9	11675.1	5225.0	2817.3	1811.1	1659.3	1511.0	1429.8	1398.0	1391.0
42.5°	29846.1	25034.2	11463.3	5055.6	2672.5	1825.2	1606.3	1461.6	1359.2	1316.8	1313.3
45°	31208.9	26061.5	11424.4	4956.7	2552.5	1804.0	1592.2	1422.8	1302.7	1256.8	1249.8
47.5°	32275.0	27131.2	11646.8	4900.2	2421.9	1691.1	1684.0	1398.0	1253.3	1203.9	1196.8
50°	33574.2	28649.3	12155.2	4783.7	2301.8	1585.2	1779.3	1394.5	1214.5	1150.9	1133.3
52.5°	35304.1	30626.3	12843.6	4575.4	2128.8	1486.3	1698.1	1394.5	1168.6	1105.0	1083.8
55°	37920.2	33147.0	13518.0	4282.4	1885.2	1355.7	1532.2	1352.1	1101.5	1045.0	1030.9
57.5°	39653.6	34989.9	13948.7	3876.4	1581.6	1260.4	1320.4	1285.1	1034.4	974.4	974.4
60°	39741.9	35484.2	13743.9	3364.5	1391.0	1172.1	1147.4	1295.7	974.4	910.8	903.8
62.5°	38725.1	34273.2	12677.7	2905.5	1288.6	1076.8	1037.9	1136.8	914.4	850.8	840.2
65°	37136.4	31184.1	10827.8	2686.6	1232.1	992.0	935.6	932.0	850.8	790.8	776.7
67.5°	34216.8	27251.3	8896.6	2559.5	1203.9	896.7	843.8	826.1	776.7	727.3	720.2
70°	29913.2	22824.1	7135.0	2506.6	1189.7	797.9	755.5	734.3	692.0	653.1	649.6
72.5°	23272.5	18513.5	5888.7	2471.3	1182.7	706.1	660.2	631.9	607.2	571.9	571.9
75°	16716.5	13620.3	4494.2	2227.7	1094.4	607.2	557.8	540.2	504.8	476.6	483.7
77.5°	10538.3	9172.0	2958.5	1638.1	847.3	487.2	444.8	434.2	406.0	367.2	391.9
80°	7117.3	6450.1	1726.4	1030.9	533.1	356.6	342.5	338.9	307.1	264.8	268.3
82.5°	4843.7	4751.9	896.7	586.0	307.1	208.3	201.2	208.3	173.0	141.2	141.2
85°	1892.3	2584.3	423.6	229.5	98.9	31.8	45.9	49.4	28.2	14.1	17.7
87.5°	35.3	264.8	10.6	0.0	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: P458352

CATALOG NUMBER: GLAN-SA9D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2
2.5°	14340.5	14308.8	14361.7	14135.8	14181.7	14266.4	14308.8	14333.5	14683.0	14601.8	14824.2
5°	11187.9	11156.1	11360.9	11389.1	11495.0	11473.8	11576.2	11600.9	11728.0	11773.9	12084.6
7.5°	8137.6	8275.3	8508.3	8628.3	8808.4	8864.9	8811.9	8942.5	8677.8	8868.4	8924.9
10°	6538.3	6372.4	6273.5	6548.9	6584.2	6845.5	6739.6	6654.8	6810.2	6817.2	6965.5
12.5°	5443.9	5087.3	4850.8	4928.5	5013.2	5126.2	5143.8	5313.3	5426.2	5532.2	5620.4
15°	4268.3	4144.7	3929.3	3823.4	3943.5	3989.4	4098.8	4240.0	4360.1	4391.8	4511.9
17.5°	3276.2	3297.4	3262.1	3198.6	3272.7	3308.0	3315.1	3318.6	3350.4	3329.2	3505.7
20°	2637.2	2711.4	2799.6	2813.7	2838.5	2856.1	2824.3	2704.3	2707.8	2782.0	2838.5
22.5°	2386.6	2400.7	2499.5	2531.3	2609.0	2577.2	2485.4	2428.9	2421.9	2439.5	2467.8
25°	2188.9	2210.0	2280.6	2330.1	2390.1	2333.6	2266.5	2213.6	2206.5	2224.2	2252.4
27.5°	2012.3	2044.1	2107.7	2157.1	2213.6	2160.6	2097.1	2051.2	2047.6	2044.1	2061.8
30°	1871.1	1906.4	1952.3	2008.8	2047.6	2001.7	1941.7	1917.0	1913.5	1906.4	1913.5
32.5°	1729.9	1786.4	1832.3	1860.5	1899.4	1864.1	1818.2	1804.0	1779.3	1758.1	1747.6
35°	1571.0	1631.1	1701.7	1737.0	1775.8	1740.5	1708.7	1648.7	1606.3	1602.8	1609.9
37.5°	1479.2	1504.0	1560.4	1620.5	1659.3	1641.6	1581.6	1521.6	1511.0	1511.0	1518.1
40°	1398.0	1408.6	1433.3	1511.0	1581.6	1528.7	1454.5	1436.9	1436.9	1433.3	1436.9
42.5°	1316.8	1327.4	1327.4	1387.5	1500.4	1415.7	1359.2	1359.2	1359.2	1362.7	1373.3
45°	1242.7	1246.2	1242.7	1285.1	1391.0	1320.4	1281.5	1292.1	1299.2	1306.3	1313.3
47.5°	1179.2	1182.7	1179.2	1214.5	1267.4	1239.2	1218.0	1232.1	1246.2	1256.8	1263.9
50°	1122.7	1119.1	1126.2	1147.4	1172.1	1179.2	1165.0	1186.2	1193.3	1207.4	1225.1
52.5°	1073.2	1069.7	1076.8	1087.4	1122.7	1122.7	1122.7	1140.3	1154.4	1168.6	1193.3
55°	1016.8	1020.3	1030.9	1045.0	1090.9	1083.8	1087.4	1101.5	1115.6	1136.8	1150.9
57.5°	963.8	970.9	985.0	1006.2	1052.1	1048.5	1052.1	1059.1	1076.8	1087.4	1101.5
60°	903.8	917.9	935.6	949.7	995.6	992.0	1009.7	1023.8	1034.4	1034.4	1041.5
62.5°	843.8	865.0	882.6	893.2	942.6	946.2	970.9	981.5	988.5	981.5	992.0
65°	783.8	815.5	822.6	836.7	886.1	889.7	917.9	942.6	935.6	928.5	946.2
67.5°	723.7	762.6	759.0	776.7	826.1	833.2	857.9	900.3	886.1	879.1	893.2
70°	656.7	684.9	688.4	699.0	766.1	755.5	794.3	833.2	822.6	826.1	826.1
72.5°	582.5	607.2	607.2	628.4	699.0	681.4	713.1	755.5	755.5	752.0	752.0
75°	494.3	508.4	522.5	554.3	628.4	607.2	628.4	667.2	674.3	667.2	667.2
77.5°	398.9	420.1	427.2	469.5	522.5	519.0	540.2	557.8	571.9	564.9	564.9
80°	282.4	303.6	331.9	377.8	409.5	420.1	430.7	444.8	451.9	451.9	459.0
82.5°	158.9	190.6	215.4	261.3	275.4	328.3	324.8	335.4	324.8	286.0	317.7
85°	35.3	67.1	95.3	120.0	137.7	190.6	201.2	225.9	187.1	173.0	173.0
87.5°	0.0	0.0	0.0	0.0	0.0	28.2	56.5	77.7	67.1	56.5	56.5
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: P458352

CATALOG NUMBER: GLAN-SA9D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2	17200.2
2.5°	15011.3	15318.5	15689.2	16328.2	16776.5	17260.2	17747.4	18266.4	18404.0	18545.3
5°	12169.3	12773.0	13101.4	13959.3	14859.5	16003.4	16938.9	17962.7	18389.9	18488.8
7.5°	9217.9	9627.4	10488.9	11357.3	12472.9	13673.3	15106.6	16702.4	17200.2	17408.5
10°	7308.0	7865.8	8621.3	9553.3	10531.2	11823.4	13440.3	15304.3	16010.4	16126.9
12.5°	6220.6	6841.9	7664.5	8649.5	9574.5	10548.9	12179.9	14104.0	14859.5	15110.2
15°	4974.4	5726.3	6676.0	7714.0	8720.1	9786.3	11438.5	13609.7	14481.8	14774.8
17.5°	3908.2	4515.4	5542.7	6669.0	7862.2	9210.8	11283.2	13846.3	14919.5	15191.4
20°	2990.3	3424.5	4289.5	5479.2	6877.2	8642.5	11322.0	14739.5	16024.5	16395.2
22.5°	2584.3	2806.7	3332.7	4466.0	6029.9	8148.2	11480.9	15964.5	17514.4	18132.2
25°	2340.7	2457.2	2753.7	3495.1	5221.5	7668.1	11844.5	17613.2	19597.3	20006.9
27.5°	2132.4	2217.1	2400.7	2933.8	4487.2	7223.2	12268.2	19442.0	21542.6	22153.3
30°	1934.7	2047.6	2220.6	2605.4	4017.6	6817.2	12801.3	20924.8	23180.7	23749.1
32.5°	1782.9	1895.8	2054.7	2376.0	3618.7	6390.0	13119.0	22227.5	24518.7	25002.4
35°	1659.3	1754.6	1920.5	2192.4	3315.1	6065.2	13055.5	23261.9	25814.4	26308.6
37.5°	1571.0	1652.2	1818.2	2019.4	3085.6	5726.3	13023.7	24628.2	27392.5	27964.4
40°	1489.8	1574.6	1726.4	1906.4	2856.1	5327.4	13041.3	25983.8	29073.0	29644.9
42.5°	1426.3	1521.6	1645.2	1874.6	2619.6	5006.1	13041.3	27163.0	30534.5	31085.3
45°	1373.3	1475.7	1595.7	1871.1	2432.5	4762.5	12953.1	28176.2	31699.6	32169.1
47.5°	1327.4	1440.4	1613.4	1807.6	2386.6	4586.0	12875.4	28988.2	32649.3	33090.6
50°	1295.7	1429.8	1715.8	1733.4	2400.7	4533.1	13249.6	30012.0	33486.0	33867.3
52.5°	1270.9	1433.3	1712.3	1624.0	2376.0	4568.4	14029.9	31611.3	34647.5	34675.7
55°	1221.5	1429.8	1624.0	1500.4	2273.6	4628.4	15032.5	33934.3	36465.6	36486.8
57.5°	1172.1	1391.0	1507.5	1394.5	2065.3	4628.4	16239.9	36133.8	38658.0	38675.7
60°	1122.7	1447.5	1323.9	1302.7	1793.4	4543.6	17514.4	37101.1	39346.5	39526.5
62.5°	1073.2	1458.1	1182.7	1221.5	1595.7	4338.9	18464.1	36031.4	38414.4	38672.1
65°	1016.8	1175.6	1090.9	1136.8	1493.4	3996.4	18164.0	34072.0	36663.3	36970.5
67.5°	949.7	995.6	992.0	1048.5	1458.1	3491.6	16582.4	31593.7	34778.1	34760.4
70°	868.5	893.2	903.8	963.8	1391.0	3099.7	13818.0	28377.5	32260.9	32656.3
72.5°	783.8	804.9	815.5	868.5	1323.9	2877.3	10725.4	23946.8	27943.2	28561.0
75°	692.0	706.1	720.2	766.1	1253.3	2549.0	7639.8	18280.5	21401.4	22372.2
77.5°	596.6	596.6	614.3	660.2	1055.6	2104.1	5126.2	12822.5	14499.4	15491.5
80°	483.7	487.2	480.1	529.6	776.7	1440.4	2912.6	8564.8	9648.6	9839.3
82.5°	370.7	360.1	363.6	388.3	579.0	981.5	1553.4	5320.3	5422.7	5316.8
85°	233.0	233.0	225.9	254.2	370.7	511.9	847.3	3258.6	2545.4	2421.9
87.5°	95.3	77.7	88.3	102.4	176.5	208.3	331.9	670.8	257.7	236.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)