

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: P534322

Luminaire Tested: **GLAN-SA9D-740-U-SLR-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P534322
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-26)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA9D-740-U-SLR-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 4000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 52230 lumens
Efficiency: N/A
Efficacy: 94.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B4 - U0 - G4

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

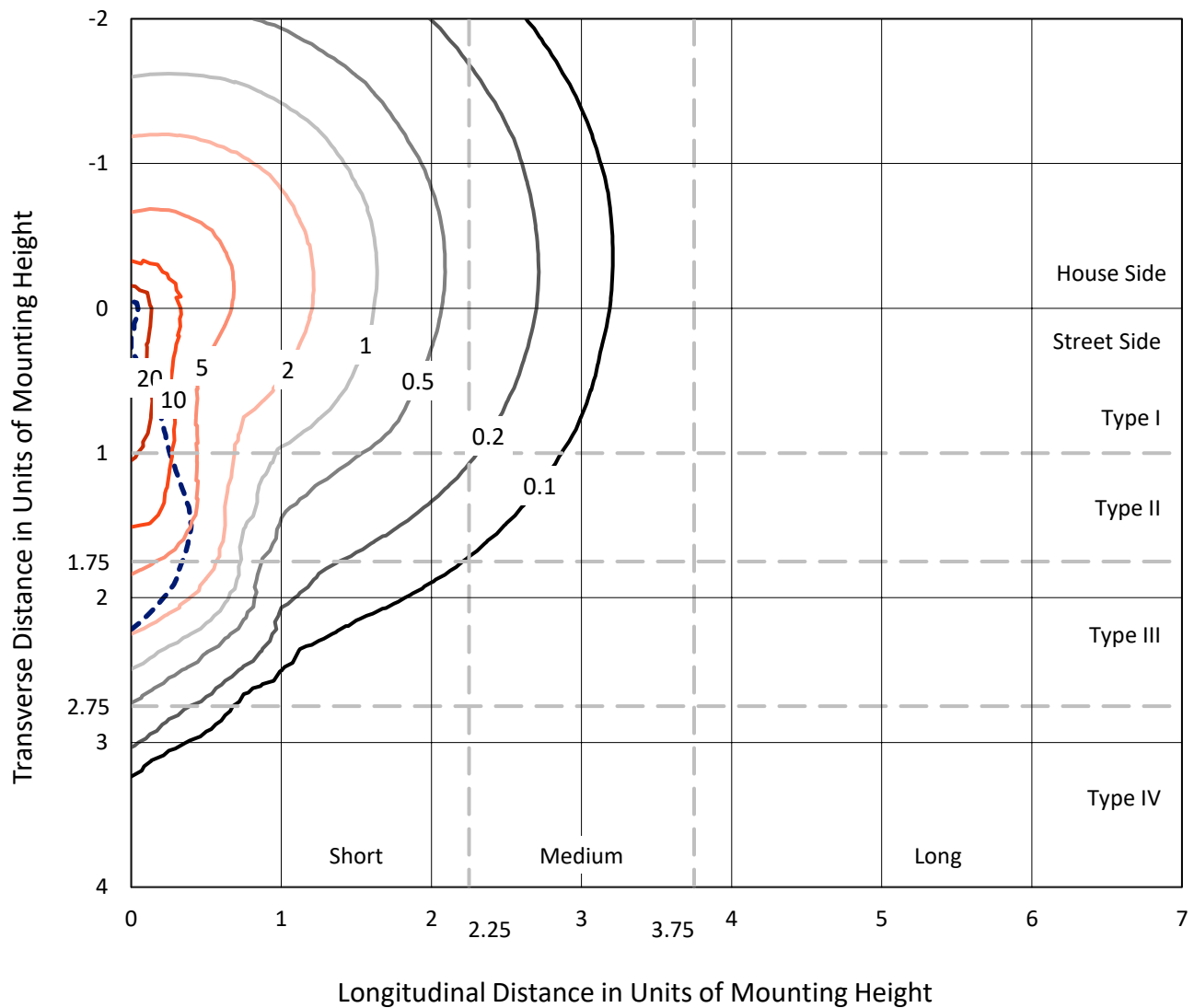


REPORT NUMBER: P534322

CATALOG NUMBER: GLAN-SA9D-740-U-SLR-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

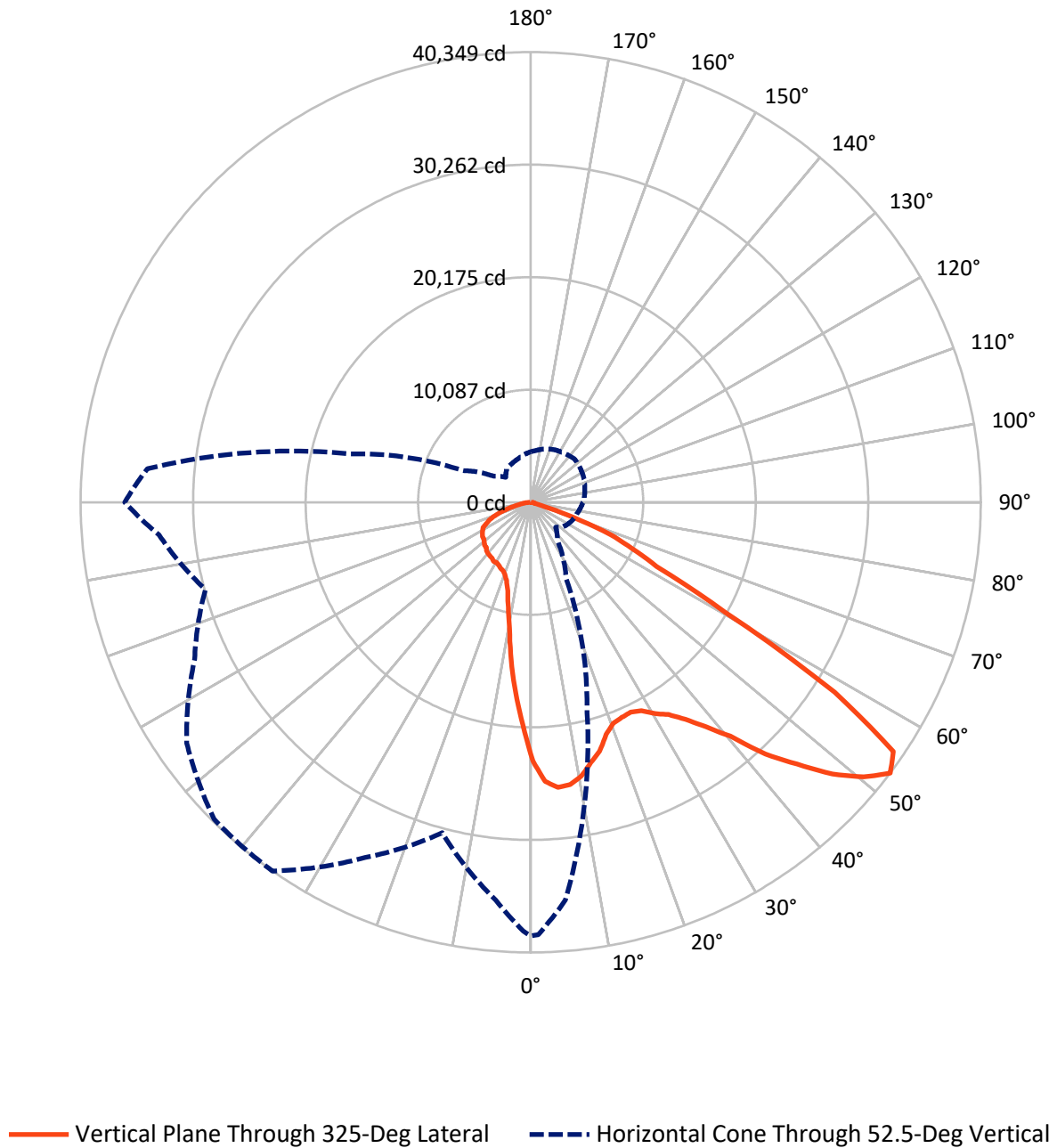
× Max cd
 --- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 37.1 fc
 Type III - Short - N/A

REPORT NUMBER: P534322
CATALOG NUMBER: GLAN-SA9D-740-U-SLR-GRSWH

Luminous Intensity Polar Plot



REPORT NUMBER: P534322

CATALOG NUMBER: GLAN-SA9D-740-U-SLR-GRSWH

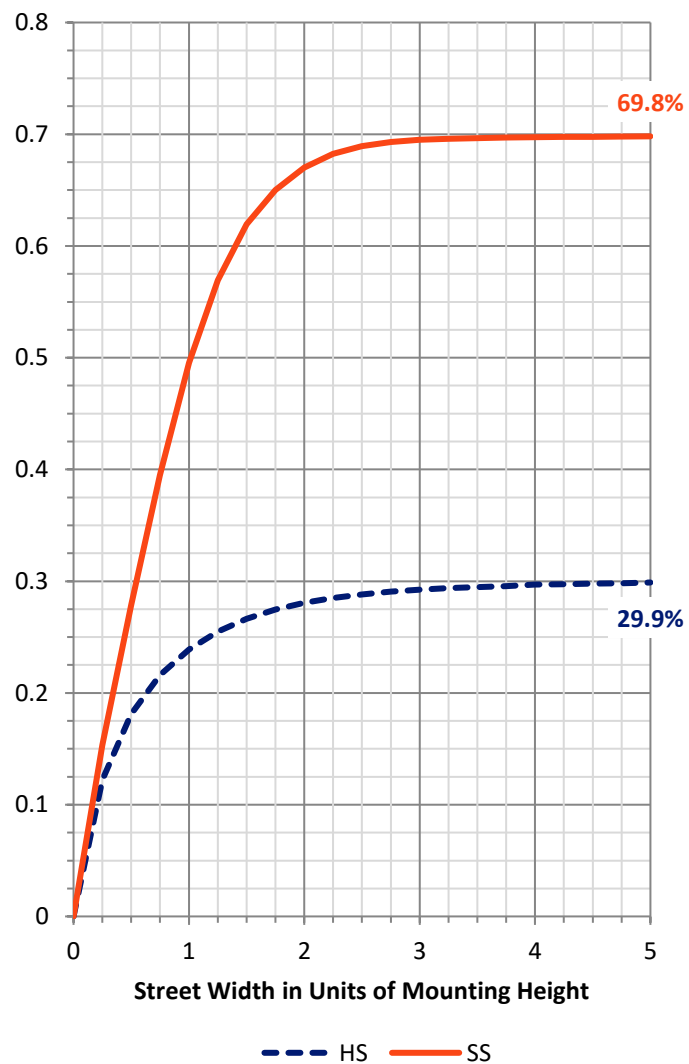
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15745.2	0.0	15745.2
	% Fixture	30.1	0.0	30.1
Street Side	Lumens	36484.8	0.0	36484.8
	% Fixture	69.9	0.0	69.9
Total	Lumens	52230.0	0.0	52230.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1768.4	3.4
10°-20°	3833.7	7.3
20°-30°	5792.4	11.1
30°-40°	8370.3	16.0
40°-50°	11139.3	21.3
50°-60°	12459.6	23.9
60°-70°	7022.2	13.4
70°-80°	1565.3	3.0
80°-90°	278.7	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°	52230.0	100.0
0°-180°	52230.0	100.0

Coefficient of Utilization



REPORT NUMBER: P534322

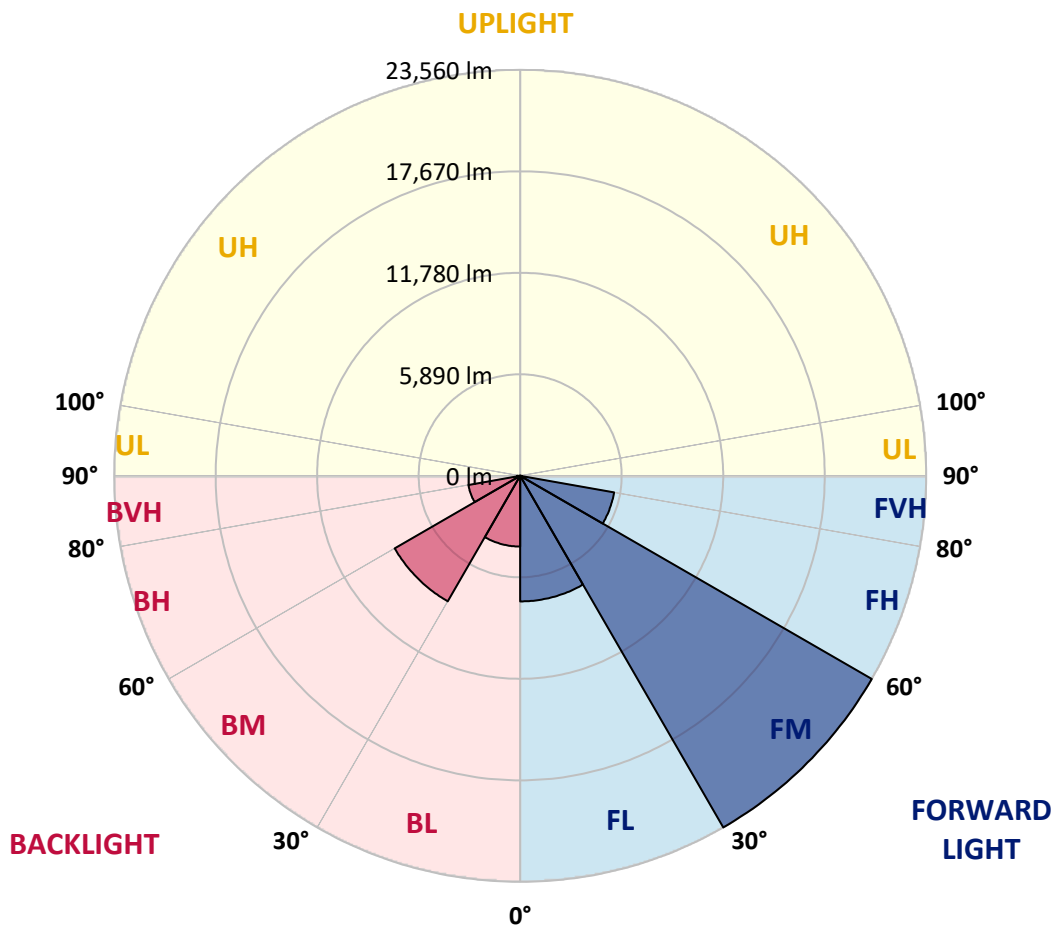
CATALOG NUMBER: GLAN-SA9D-740-U-SLR-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	7288.6	14.0			
FM	(30°-60°)	23559.7	45.1			
FH	(60°-80°)	5535.6	10.6			G3/7500
FVH	(80°-90°)	100.9	0.2			G2/225
BL	(0°-30°)	4106.0	7.9	B4/5000		
BM	(30°-60°)	8409.5	16.1	B4/8500		
BH	(60°-80°)	3051.9	5.8	B4/5000		G4/5000
BVH	(80°-90°)	177.8	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-G4

Type III Short



REPORT NUMBER: P534322

CATALOG NUMBER: GLAN-SA9D-740-U-SLR-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0
2.5°	23566.1	23944.6	23535.8	22809.1	22294.3	21824.9	21332.9	21234.5	20591.0	20477.4	20008.1
5°	22226.1	22142.9	21643.2	20689.4	19637.1	18683.3	17979.3	17297.9	16836.2	16298.7	16260.8
7.5°	20598.6	20114.1	19826.4	18380.5	17078.4	15579.5	14936.0	13898.9	13573.4	13088.9	12839.1
10°	19145.1	18789.3	18115.5	16669.6	14852.8	13861.1	13172.2	12612.0	12233.5	11733.8	11105.5
12.5°	18425.9	18282.1	17525.0	15284.3	13936.8	12876.9	12392.4	11847.4	11203.9	10401.5	10091.1
15°	18554.6	18070.1	17494.8	15019.3	13157.0	12135.1	11362.9	10681.6	9856.4	9091.8	8645.2
17.5°	19516.0	19145.1	17994.4	15185.8	12861.8	11385.6	9985.1	8978.3	8236.4	7547.5	7237.1
20°	21408.6	20871.1	19576.6	15397.8	12225.9	10340.9	8736.0	7494.5	6699.6	6336.3	6230.3
22.5°	23505.5	23187.6	21120.9	15874.7	11718.7	9371.9	7411.2	6169.7	5874.5	5776.1	5972.9
25°	26056.7	25231.5	23520.7	16654.5	11325.0	8546.8	6290.8	5602.0	5450.6	5549.0	5776.1
27.5°	27994.7	27775.1	25201.2	17388.8	10787.6	7555.1	5662.5	5208.3	5253.7	5352.1	5564.1
30°	30296.0	29183.2	26828.8	17896.0	10303.1	6873.8	5223.4	5102.3	5147.7	5314.3	5420.3
32.5°	31681.3	31265.0	27850.8	18660.6	9742.9	6283.3	4882.8	4769.2	4837.4	5087.2	5337.0
35°	33445.2	32620.1	29115.0	18857.4	9349.2	6048.6	4640.5	4557.3	4716.2	4890.4	5170.5
37.5°	35504.3	34936.5	30863.8	18721.1	9137.2	5806.4	4436.1	4398.3	4511.8	4754.1	5079.6
40°	36723.1	36549.0	31779.8	18804.4	8804.2	5594.4	4201.5	4246.9	4481.6	4670.8	4988.8
42.5°	37896.5	36761.0	33134.8	18774.1	8592.2	5306.7	4224.2	4171.2	4352.9	4572.4	4875.2
45°	38153.9	37025.9	33452.8	18562.2	8334.8	5026.6	4050.1	4072.8	4292.3	4564.8	4761.7
47.5°	37987.3	37154.6	34043.3	18501.6	8092.6	4829.8	3792.7	4065.2	4193.9	4413.4	4693.5
50°	37873.8	37828.4	34542.9	18789.3	7767.0	4519.4	3482.3	3966.8	4095.5	4315.0	4617.8
52.5°	38873.0	38774.6	35792.0	19546.3	7509.7	4186.3	3164.3	3717.0	4027.4	4239.3	4534.6
55°	39478.7	39047.2	37934.3	20477.4	7078.2	3747.3	2944.8	3406.6	3860.8	4050.1	4352.9
57.5°	35511.9	35216.6	34315.8	19114.8	6351.4	3171.9	2672.3	3088.6	3633.7	3928.9	4239.3
60°	29546.5	29084.8	26775.8	16245.7	4686.0	2467.9	2505.7	2838.8	3573.1	3686.7	4050.1
62.5°	27858.4	26715.3	23573.6	13073.8	3595.9	2119.7	2248.4	2611.7	3255.2	3444.4	3807.8
65°	22105.0	21257.2	16866.4	9440.1	2407.3	1839.6	2051.5	2354.3	2808.5	3179.5	3512.6
67.5°	13838.4	13028.3	9001.0	4466.4	1680.6	1574.6	1832.0	2149.9	2520.9	2854.0	3224.9
70°	7229.6	6343.8	4156.0	1612.5	1158.2	1286.9	1529.2	1832.0	2195.4	2467.9	2755.6
72.5°	2695.0	2187.8	1355.1	696.5	802.4	984.1	1241.5	1461.1	1718.4	2051.5	2210.5
75°	416.4	355.8	348.2	423.9	545.1	711.6	885.7	1105.3	1332.4	1544.3	1650.3
77.5°	196.8	189.3	212.0	280.1	363.4	507.2	643.5	855.4	1037.1	1173.4	1233.9
80°	128.7	121.1	136.3	189.3	272.5	378.5	514.8	658.6	825.2	938.7	923.6
82.5°	75.7	83.3	83.3	128.7	189.3	272.5	370.9	499.6	613.2	711.6	651.0
85°	45.4	37.9	37.9	75.7	128.7	219.5	310.4	212.0	219.5	219.5	249.8
87.5°	15.1	15.1	15.1	7.6	15.1	15.1	22.7	37.9	45.4	53.0	68.1
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: P534322

CATALOG NUMBER: GLAN-SA9D-740-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0
2.5°	19992.9	20227.6	20144.3	19849.1	20076.2	20114.1	19962.7	20485.0	20583.4	20424.4	20469.9
5°	16207.8	16268.4	16404.7	16692.3	16896.7	17139.0	17139.0	17154.1	16949.7	17464.5	17313.1
7.5°	12627.1	12665.0	12823.9	13437.1	13611.2	14073.0	14269.9	14133.6	13724.8	13550.7	13694.5
10°	10901.1	10681.6	10628.6	10704.3	11097.9	11294.8	11461.3	11415.9	11347.8	11211.5	11060.1
12.5°	9750.4	9591.5	9462.8	9281.1	9303.8	9493.0	9621.7	9515.8	9546.0	9576.3	9621.7
15°	8501.4	8387.8	8319.7	8047.1	8016.9	8145.6	8191.0	8251.5	8365.1	8372.7	8319.7
17.5°	7176.6	7078.2	7229.6	7381.0	7275.0	7282.5	7365.8	7418.8	7388.5	7252.3	7184.1
20°	6268.1	6374.1	6525.5	6669.4	6782.9	6851.0	6881.3	6798.1	6699.6	6419.5	6412.0
22.5°	6003.2	6139.4	6268.1	6487.7	6593.7	6767.8	6608.8	6419.5	6283.3	6147.0	5988.0
25°	5806.4	5919.9	6177.3	6260.6	6465.0	6608.8	6495.2	6306.0	6071.3	5874.5	5753.4
27.5°	5662.5	5791.2	5957.8	6184.9	6343.8	6427.1	6313.6	6237.9	5995.6	5760.9	5586.8
30°	5571.7	5707.9	6010.7	6200.0	6336.3	6404.4	6207.6	6116.7	5942.6	5745.8	5594.4
32.5°	5511.1	5632.2	5889.6	6131.9	6222.7	6222.7	6253.0	6147.0	5904.8	5571.7	5443.0
35°	5314.3	5480.8	5692.8	5972.9	6139.4	6237.9	6086.5	5965.3	5806.4	5465.7	5231.0
37.5°	5200.7	5314.3	5586.8	5851.8	5995.6	6101.6	6041.0	5829.1	5617.1	5337.0	5147.7
40°	5079.6	5261.3	5503.5	5753.4	5912.3	6018.3	5972.9	5723.1	5465.7	5200.7	5072.0
42.5°	4996.3	5117.5	5367.3	5647.4	5836.6	6041.0	5904.8	5594.4	5412.7	5049.3	4905.5
45°	4928.2	5125.0	5390.0	5503.5	5700.4	5912.3	5670.1	5480.8	5268.9	5003.9	4882.8
47.5°	4844.9	5026.6	5200.7	5503.5	5594.4	5692.8	5647.4	5344.6	5162.9	4875.2	4791.9
50°	4814.7	4882.8	5200.7	5367.3	5496.0	5594.4	5473.3	5246.2	5072.0	4776.8	4595.1
52.5°	4693.5	4822.2	5026.6	5246.2	5405.1	5526.3	5329.4	5185.6	4950.9	4640.5	4527.0
55°	4542.1	4617.8	4981.2	5208.3	5291.6	5374.9	5299.1	5064.5	4822.2	4504.3	4390.7
57.5°	4345.3	4519.4	4814.7	5132.6	5238.6	5284.0	5162.9	4973.6	4670.8	4390.7	4209.0
60°	4140.9	4322.6	4648.1	4905.5	5011.5	5178.0	4996.3	4882.8	4534.6	4224.2	4027.4
62.5°	3936.5	4140.9	4383.2	4708.7	4799.5	4867.6	4822.2	4663.3	4383.2	4034.9	3792.7
65°	3694.3	3845.7	4148.5	4315.0	4375.6	4534.6	4375.6	4315.0	4065.2	3732.1	3527.7
67.5°	3330.9	3459.6	3724.5	3883.5	3928.9	3997.1	3989.5	3921.4	3641.3	3414.2	3232.5
70°	2914.5	3028.1	3194.6	3383.9	3406.6	3489.9	3414.2	3399.0	3217.3	2907.0	2808.5
72.5°	2339.2	2445.2	2664.7	2748.0	2755.6	2785.8	2748.0	2695.0	2649.6	2324.1	2225.6
75°	1794.1	1854.7	1960.7	2036.4	2036.4	2074.2	2051.5	1998.5	1877.4	1673.0	1574.6
77.5°	1249.1	1309.6	1445.9	1491.3	1483.8	1498.9	1430.8	1377.8	1196.1	1090.1	1006.8
80°	908.4	946.3	1014.4	1044.7	1052.3	1075.0	991.7	946.3	840.3	719.2	681.3
82.5°	658.6	681.3	688.9	726.7	726.7	688.9	666.2	620.8	545.1	469.4	439.1
85°	272.5	280.1	287.7	333.1	340.7	408.8	378.5	355.8	310.4	265.0	242.2
87.5°	68.1	75.7	98.4	83.3	98.4	98.4	106.0	121.1	121.1	98.4	98.4
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: P534322

CATALOG NUMBER: GLAN-SA9D-740-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0
2.5°	20644.0	20704.5	21476.7	21575.1	21953.6	22339.7	23119.4	23679.6	24133.8	24429.1	24512.4
5°	17472.1	17858.1	18213.9	18789.3	19311.6	20053.5	20908.9	21968.8	23301.1	23982.4	24255.0
7.5°	13679.4	14133.6	14648.4	15208.6	15973.2	17305.5	18448.6	19675.0	21378.3	22082.3	23149.7
10°	11166.1	11673.3	12354.6	12786.1	13709.7	14981.5	16313.8	17729.4	19357.0	20371.4	21605.4
12.5°	9871.6	10287.9	10916.2	11824.7	12513.6	13338.7	14330.4	16117.0	18448.6	19410.0	20257.9
15°	8440.8	8902.6	9629.3	10636.2	11461.3	12445.4	13558.3	15503.8	17986.8	19470.6	20189.8
17.5°	7259.8	7592.9	8357.5	9228.1	10174.4	11249.3	12846.7	15473.5	18471.3	20371.4	21544.8
20°	6442.3	6487.7	6904.0	7645.9	8932.9	10333.3	12407.6	15322.1	20023.2	21923.3	23407.1
22.5°	5927.5	5882.1	5889.6	6518.0	7418.8	9432.5	11718.7	15836.9	21787.1	24391.2	25390.5
25°	5670.1	5549.0	5473.3	5609.5	6427.1	8365.1	11196.3	16518.2	23687.2	26427.6	27654.0
27.5°	5533.8	5321.9	5170.5	5193.2	5791.2	7827.6	10870.8	16813.4	25572.2	29266.4	29697.9
30°	5480.8	5215.9	4996.3	4920.6	5314.3	7078.2	10174.4	17320.6	27260.3	30825.9	31196.9
32.5°	5291.6	4966.1	4754.1	4686.0	4844.9	6419.5	9674.7	17684.0	28751.7	32521.6	32392.9
35°	5072.0	4799.5	4534.6	4405.9	4519.4	5995.6	9273.5	17509.9	30508.0	33838.9	33770.7
37.5°	5049.3	4693.5	4474.0	4262.0	4254.5	5473.3	8728.5	17676.4	31628.4	36200.8	35269.6
40°	4852.5	4625.4	4337.7	4163.6	4065.2	5208.3	8198.5	17282.8	33271.1	37154.6	36238.6
42.5°	4860.1	4519.4	4269.6	4065.2	3966.8	4822.2	7835.2	17176.8	33846.4	38706.5	36692.8
45°	4739.0	4405.9	4193.9	3951.7	3898.7	4527.0	7486.9	16684.8	34860.8	38782.2	36125.1
47.5°	4617.8	4322.6	4095.5	3807.8	3686.7	4421.0	7214.4	16276.0	34330.9	38070.6	35337.8
50°	4534.6	4193.9	3981.9	3777.5	3436.9	4239.3	6858.6	16177.5	33589.0	37109.2	33876.7
52.5°	4390.7	4087.9	3868.4	3709.4	3164.3	4072.8	6722.3	16752.9	34497.5	36390.0	33452.8
55°	4254.5	3944.1	3664.0	3353.6	2937.2	3633.7	6343.8	17290.4	35822.3	38047.9	35375.6
57.5°	4110.6	3815.4	3512.6	3141.6	2717.7	3179.5	5950.2	17388.8	33339.2	35163.6	33581.5
60°	3921.4	3542.9	3315.8	2831.3	2483.0	2634.4	4716.2	15329.7	25859.9	29364.9	29417.9
62.5°	3709.4	3300.6	3103.8	2536.0	2240.8	2271.1	3845.7	12884.5	20977.1	24308.0	25753.9
65°	3429.3	3035.7	2801.0	2346.8	2066.7	1968.3	2816.1	9440.1	15935.3	19720.4	21363.1
67.5°	3065.9	2695.0	2399.8	2044.0	1847.1	1688.2	1922.8	5314.3	9409.8	13240.3	13739.9
70°	2679.9	2361.9	2051.5	1756.3	1536.8	1423.2	1408.1	2354.3	4496.7	7123.6	8107.7
72.5°	2112.1	1885.0	1635.2	1415.6	1271.8	1105.3	1006.8	976.6	1521.6	2899.4	4004.6
75°	1514.0	1324.8	1181.0	1037.1	931.1	840.3	764.6	696.5	635.9	726.7	999.3
77.5°	953.8	885.7	772.2	734.3	673.7	651.0	620.8	582.9	537.5	507.2	507.2
80°	643.5	598.0	560.2	552.6	529.9	522.3	529.9	492.1	446.6	408.8	423.9
82.5°	431.5	423.9	416.4	408.8	416.4	423.9	439.1	431.5	393.7	370.9	378.5
85°	257.4	272.5	287.7	302.8	333.1	295.2	242.2	204.4	181.7	166.5	159.0
87.5°	98.4	136.3	121.1	113.6	121.1	113.6	106.0	98.4	83.3	75.7	75.7
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: P534322

CATALOG NUMBER: GLAN-SA9D-740-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0	23180.0
2.5°	25065.0	25216.4	25345.1	25314.8	25049.8	24694.0	24550.2	23815.9	23664.5	23566.1
5°	25405.6	26283.8	26473.0	26359.5	25670.6	24800.0	23952.2	22877.2	22248.9	22226.1
7.5°	24777.3	25859.9	26200.5	26457.9	25541.9	24027.9	22574.4	20961.9	20568.3	20598.6
10°	23180.0	24906.0	25746.3	26011.3	24959.0	23649.3	21635.7	20000.5	19160.2	19145.1
12.5°	22294.3	23649.3	23884.0	24255.0	23944.6	22619.8	21090.6	19258.6	18441.0	18425.9
15°	21507.0	22400.3	22468.4	22990.7	23157.3	22264.0	21234.5	19281.3	18622.7	18554.6
17.5°	22195.9	21575.1	21317.7	21385.9	21877.9	22203.4	22067.2	20568.3	19894.5	19516.0
20°	22657.7	21272.3	20492.6	20568.3	21151.2	22339.7	23308.7	22430.5	21363.1	21408.6
22.5°	23891.6	21317.7	20098.9	20015.6	20939.2	23051.3	24709.2	24784.9	23755.3	23505.5
25°	25738.7	21840.1	19977.8	19955.1	20840.8	23815.9	26344.3	27570.7	26518.5	26056.7
27.5°	27222.5	22657.7	20356.3	20432.0	21151.2	24436.7	27737.3	29364.9	28562.4	27994.7
30°	28524.6	23505.5	20886.2	20538.0	21983.9	24762.2	28335.3	31408.8	30765.3	30296.0
32.5°	29062.1	24709.2	21726.5	21151.2	22672.8	25155.8	29576.8	33392.2	32839.6	31681.3
35°	29970.5	25382.9	22180.7	22135.3	23876.5	26102.1	30159.7	34701.9	34474.8	33445.2
37.5°	30697.2	26064.2	23793.2	23293.5	25526.8	27691.8	31098.4	36511.1	35988.8	35504.3
40°	31257.4	27283.1	25299.7	25958.3	27555.6	29137.8	31961.4	36624.7	38131.2	36723.1
42.5°	30742.6	28373.2	27775.1	29349.7	30863.8	30788.1	32059.9	37502.8	38630.8	37896.5
45°	30613.9	30220.3	31688.9	33119.7	33467.9	32158.3	31355.8	36533.9	38479.4	38153.9
47.5°	30303.6	32037.1	34595.9	36927.5	36397.6	33074.3	30515.5	36359.7	38570.2	37987.3
50°	30197.6	32430.8	36745.8	39016.9	38698.9	33869.1	30121.9	35239.3	37926.8	37873.8
52.5°	30190.0	33240.8	37639.1	40152.4	40349.2	35125.8	30659.4	35807.1	38426.4	38873.0
55°	30530.7	32983.4	37525.6	39524.1	39448.4	34565.6	30719.9	36185.6	39039.6	39478.7
57.5°	28797.1	29546.5	30969.7	32551.9	32143.1	28630.5	27434.5	33452.8	35829.8	35511.9
60°	24868.2	22521.4	20916.5	20840.8	20045.9	18948.2	22453.3	29856.9	29856.9	29546.5
62.5°	21779.5	14784.6	12702.8	12112.3	12680.1	13944.3	21658.4	29039.3	28214.2	27858.4
65°	19046.7	11287.2	9182.7	9016.1	10000.3	11907.9	19584.1	24739.5	23286.0	22105.0
67.5°	12256.2	8266.7	6828.3	6533.1	7721.6	8743.6	13035.9	15216.1	14300.1	13838.4
70°	7903.3	5382.4	3800.2	3565.6	4027.4	5390.0	8327.2	8872.3	7539.9	7229.6
72.5°	3739.7	2324.1	1332.4	1097.7	1233.9	2059.1	3293.0	3542.9	2944.8	2695.0
75°	1188.5	855.4	545.1	469.4	446.6	529.9	757.0	582.9	423.9	416.4
77.5°	529.9	507.2	431.5	363.4	317.9	265.0	219.5	181.7	189.3	196.8
80°	439.1	401.2	355.8	317.9	265.0	204.4	159.0	121.1	121.1	128.7
82.5°	386.1	348.2	310.4	265.0	227.1	166.5	121.1	83.3	75.7	75.7
85°	166.5	196.8	212.0	227.1	181.7	136.3	83.3	53.0	45.4	45.4
87.5°	68.1	60.6	53.0	45.4	37.9	37.9	30.3	22.7	15.1	15.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)