

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: P650035

Luminaire Tested: **GLAN-SA7A-835-U-SLR-HSS**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P650035
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA7A-835-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 80 CRI, 3500K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17911.1 lumens
Efficiency: N/A
Efficacy: 83.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

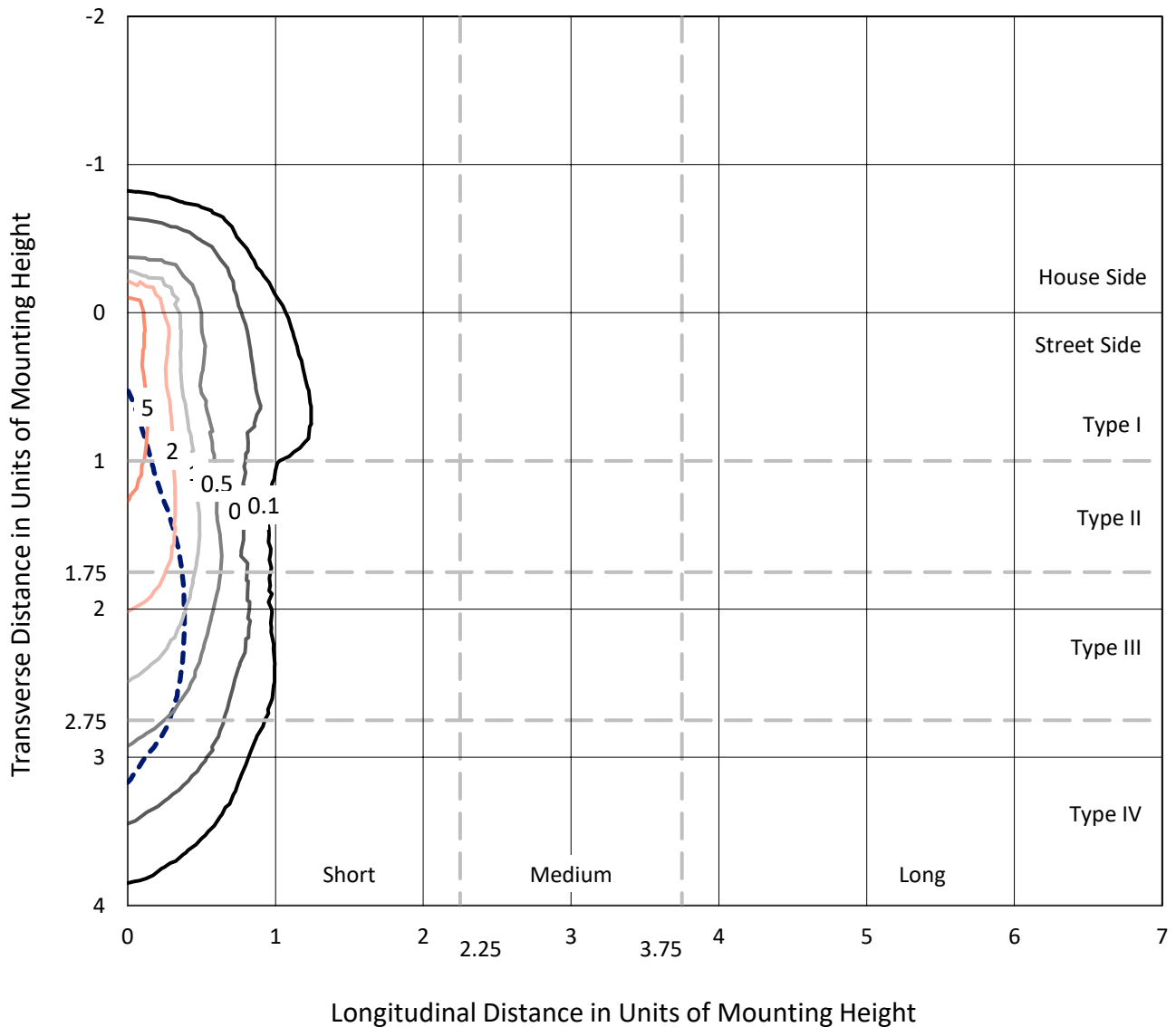
Input Watts (W): 215
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P650035
 CATALOG NUMBER: GLAN-SA7A-835-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

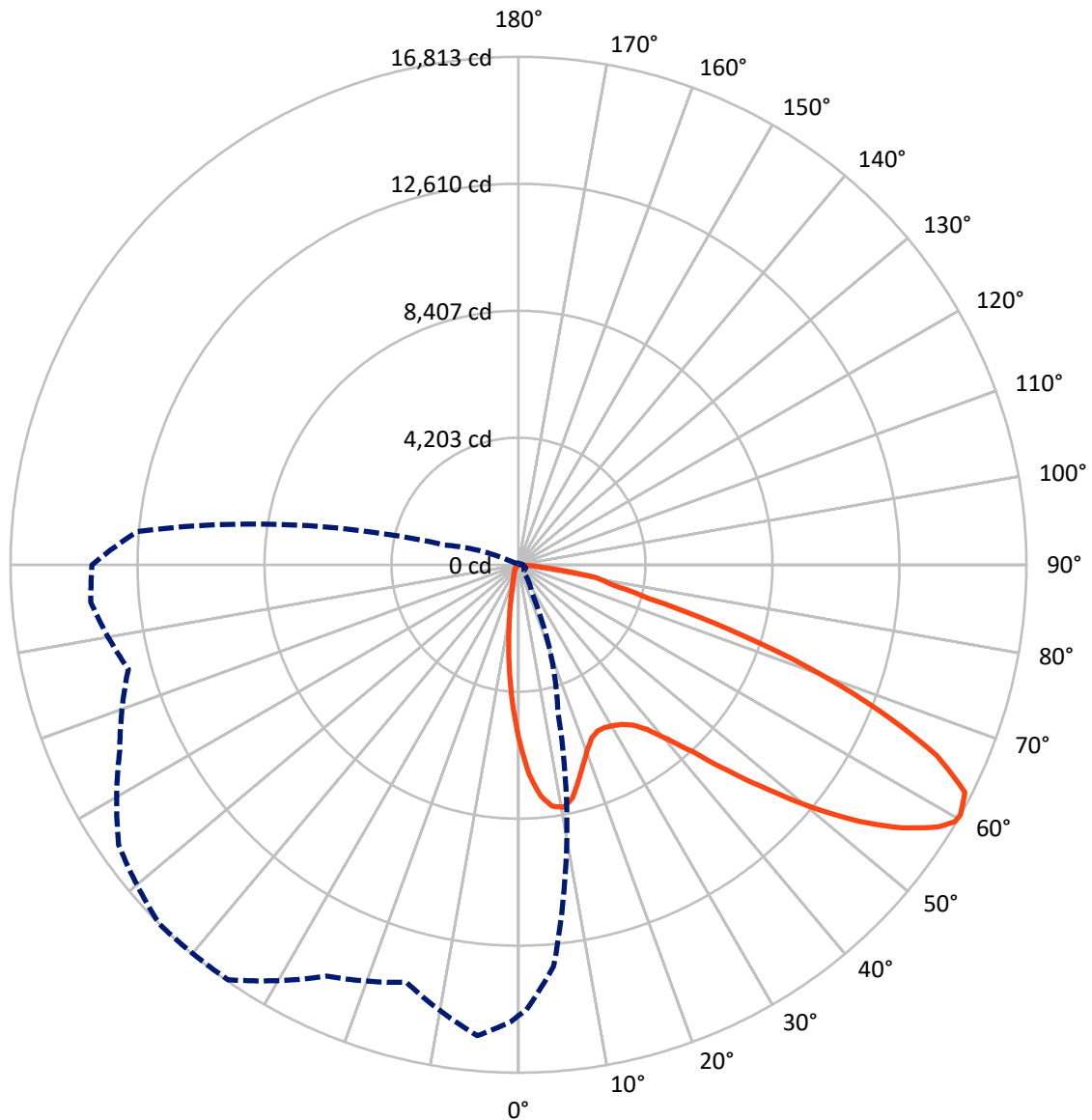
× Max cd
 - - - 1/2 Max cd



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

REPORT NUMBER: P650035
CATALOG NUMBER: GLAN-SA7A-835-U-SLR-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P650035
 CATALOG NUMBER: GLAN-SA7A-835-U-SLR-HSS

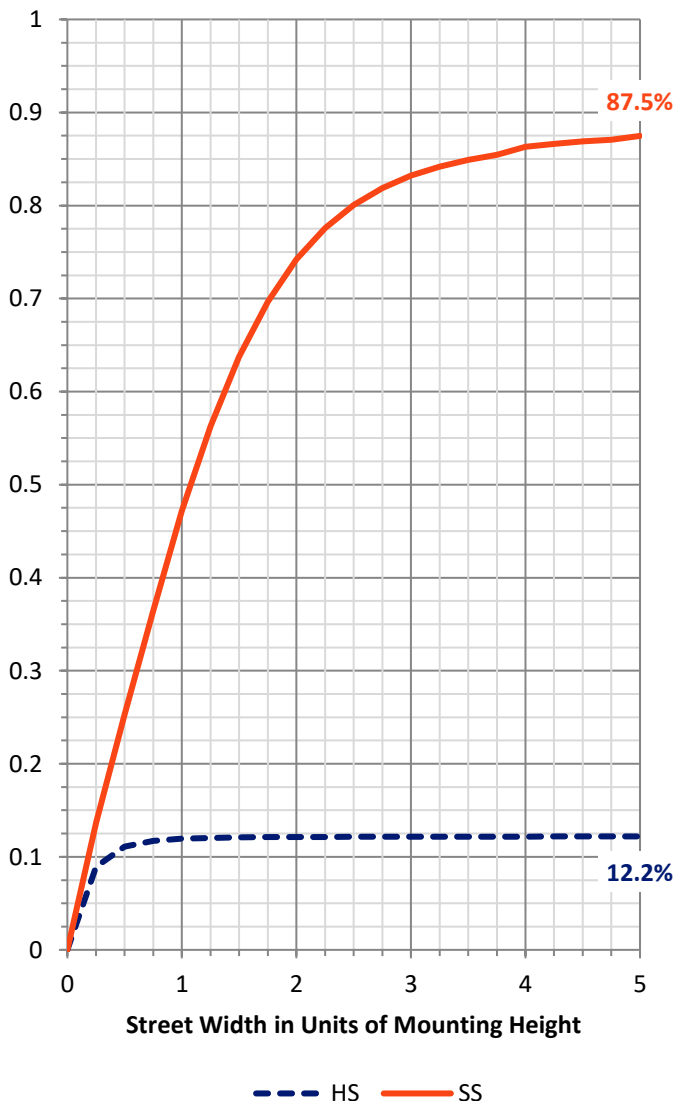
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2209.2	0.0	2209.2
	% Fixture	12.3	0.0	12.3
Street Side	Lumens	15702.0	0.0	15702.0
	% Fixture	87.7	0.0	87.7
Total	Lumens	17911.1	0.0	17911.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	440.3	2.5
10°-20°	874.4	4.9
20°-30°	1282.2	7.2
30°-40°	1906.8	10.6
40°-50°	2775.0	15.5
50°-60°	4001.8	22.3
60°-70°	4401.5	24.6
70°-80°	1971.5	11.0
80°-90°	257.6	1.4
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°	17911.1	100.0
0°-180°	17911.1	100.0



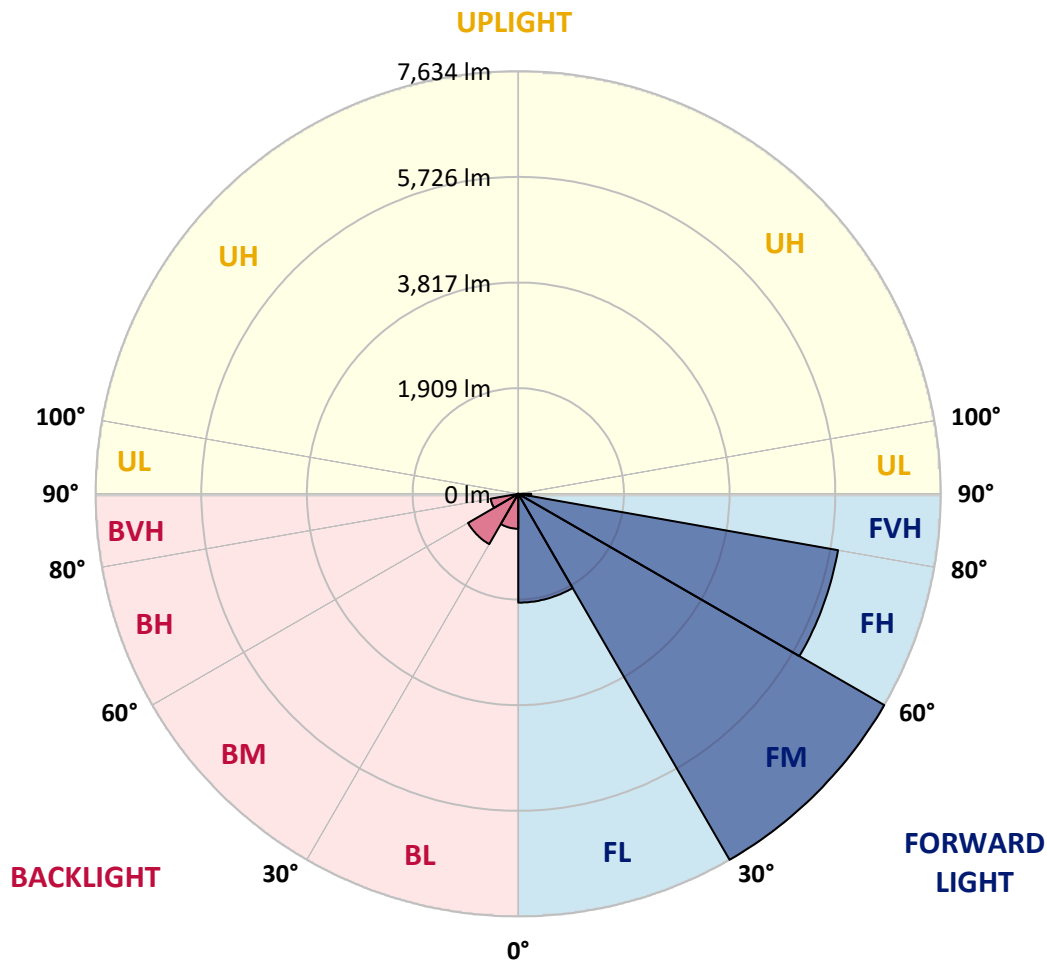
REPORT NUMBER: P650035
 CATALOG NUMBER: GLAN-SA7A-835-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1965.7	11.0			
FM (30°-60°)	7634.3	42.6			
FH (60°-80°)	5866.4	32.8			G3/7500
FVH (80°-90°)	235.6	1.3			G3/500
BL (0°-30°)	631.2	3.5	B2/1000		
BM (30°-60°)	1049.3	5.9	B2/2500		
BH (60°-80°)	506.6	2.8	B2/1000		G2/1000
BVH (80°-90°)	22.0	0.1			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Short





REPORT NUMBER: P650035

CATALOG NUMBER: GLAN-SA7A-835-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9
2.5°	6508.1	6479.5	6414.1	6215.3	6042.4	5816.4	5587.6	5407.9	5297.7	5094.8	5002.2
5°	6305.2	6318.8	6129.6	5721.1	5266.4	4955.9	4616.9	4347.3	4050.5	3862.6	3665.2
7.5°	5775.6	5748.3	5542.8	4973.6	4420.8	3971.5	3542.7	3194.1	2974.9	2799.3	2652.3
10°	5322.2	5301.8	5039.0	4306.5	3712.8	3376.5	3086.6	2781.6	2546.0	2288.7	2083.1
12.5°	5037.6	4991.3	4689.1	3923.9	3440.6	3127.4	2811.5	2494.3	2168.9	1908.9	1659.7
15°	4942.3	4875.6	4539.3	3791.8	3266.3	2868.8	2472.5	2107.6	1733.2	1446.0	1258.0
17.5°	5115.3	5004.9	4646.9	3768.7	3058.0	2531.0	2043.6	1568.5	1179.0	959.9	844.2
20°	5511.5	5384.8	4919.2	3745.6	2826.6	2152.5	1553.5	1108.3	815.6	695.8	631.7
22.5°	6099.6	5925.4	5322.2	3782.3	2612.8	1783.6	1121.9	782.8	648.1	573.2	528.3
25°	6806.2	6660.5	5832.7	3913.0	2443.9	1493.6	867.3	639.9	546.0	499.7	465.7
27.5°	7580.9	7348.1	6493.1	4069.6	2290.0	1268.9	761.1	571.8	486.1	443.9	426.2
30°	8132.3	7951.3	7045.8	4178.5	2098.1	1100.1	695.8	563.7	487.4	437.1	404.3
32.5°	8677.0	8445.5	7508.8	4228.9	1957.9	983.0	601.8	491.5	427.5	401.7	368.9
35°	9259.7	9017.3	7970.3	4201.7	1853.0	905.4	546.0	438.4	366.3	322.7	290.0
37.5°	9849.2	9593.2	8429.2	4103.6	1787.7	874.1	502.4	416.6	345.9	300.9	265.5
40°	10549.0	10207.3	8859.4	4023.3	1719.6	857.8	473.8	403.0	330.8	283.2	247.8
42.5°	11120.9	10795.5	9266.5	3981.1	1673.3	819.6	473.8	392.1	321.3	268.3	231.5
45°	11662.8	11325.1	9706.3	4015.1	1654.2	772.0	479.3	390.7	314.5	257.3	220.6
47.5°	12116.1	11823.5	10158.3	4143.1	1629.7	720.3	450.7	409.8	310.5	247.8	209.7
50°	12651.2	12368.0	10756.0	4401.8	1586.2	668.5	415.2	441.1	309.1	239.6	200.1
52.5°	13405.5	13099.2	11581.0	4695.9	1516.7	589.5	382.6	437.1	303.6	226.0	190.6
55°	14327.3	14079.4	12536.8	5048.5	1421.5	501.0	330.8	388.1	287.3	202.9	174.3
57.5°	14918.2	14707.1	13253.1	5201.0	1275.7	409.8	291.4	325.4	262.8	181.1	155.2
59°	14987.6	14797.0	13402.8	5150.7	1180.5	374.4	272.3	279.1	256.0	168.8	144.3
60°	14929.1	14731.6	13342.9	5052.6	1092.0	349.9	256.0	247.8	257.3	162.0	136.2
62.5°	14553.3	14215.6	12761.5	4555.7	954.4	321.3	227.4	202.9	227.4	145.7	121.2
65°	13827.5	13321.1	11611.0	3855.8	900.0	305.0	193.3	170.2	172.9	128.0	104.8
67.5°	12560.0	11921.5	10079.3	3132.9	876.8	306.3	163.4	152.5	133.4	108.9	92.6
70°	10555.9	9918.7	8087.5	2577.3	865.9	306.3	138.9	130.7	111.7	91.2	80.3
72.5°	7480.2	6794.0	5455.6	2024.6	780.2	305.0	118.5	118.5	91.2	76.3	65.4
75°	4226.2	4231.6	3429.7	1432.3	648.1	251.9	95.3	94.0	66.7	58.6	49.0
77.5°	2463.0	2419.4	2311.9	615.4	300.9	114.4	66.7	57.2	46.3	42.2	35.4
80°	1266.2	1041.5	1014.3	223.3	107.6	72.2	46.3	32.7	30.0	27.2	24.5
82.5°	374.4	375.8	335.0	89.9	59.9	47.7	23.2	17.7	16.4	15.0	15.0
85°	25.8	16.4	19.0	27.2	36.7	19.0	1.3	4.1	4.1	5.5	6.8
87.5°	2.7	1.3	0.0	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: P650035

CATALOG NUMBER: GLAN-SA7A-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9
2.5°	4900.1	4960.0	4848.3	4851.1	4758.5	4788.4	4679.5	4714.9	4650.9	4700.0	4844.3
5°	3687.0	3700.6	3610.7	3582.1	3595.8	3651.6	3673.4	3574.0	3616.2	3533.1	3527.7
7.5°	2597.8	2614.1	2562.4	2555.6	2653.6	2630.5	2672.7	2570.5	2473.9	2516.1	2438.5
10°	2017.8	1949.7	1843.5	1813.5	1794.5	1806.8	1806.8	1714.1	1700.5	1663.8	1719.6
12.5°	1593.0	1509.9	1409.2	1273.0	1239.0	1236.3	1185.9	1104.2	1078.3	1047.0	1093.3
15°	1157.3	1123.3	1038.8	962.6	885.0	870.0	788.3	721.6	633.1	620.8	616.8
17.5°	814.2	763.8	762.5	718.9	673.9	644.0	567.8	491.5	457.5	453.4	453.4
20°	610.0	592.3	563.7	558.2	544.6	510.6	442.5	401.7	385.3	386.6	392.1
22.5°	513.3	501.0	475.2	462.9	457.5	427.5	377.2	349.9	341.8	341.8	343.1
25°	458.8	448.0	419.4	400.3	393.5	371.7	332.2	311.8	305.0	305.0	305.0
27.5°	418.0	404.3	374.4	358.1	345.9	321.3	296.8	276.4	269.6	269.6	270.9
30°	389.4	374.4	347.2	325.4	306.3	284.5	264.1	246.4	238.3	236.9	238.3
32.5°	351.3	337.6	310.5	296.8	275.0	249.2	232.8	216.5	208.3	209.7	208.3
35°	273.7	269.6	250.5	254.6	242.3	220.6	205.6	187.9	178.4	177.0	179.7
37.5°	249.2	232.8	211.0	212.4	208.3	200.1	175.6	156.6	149.8	149.8	151.1
40°	230.1	213.8	189.3	177.0	178.4	178.4	152.5	132.1	125.3	123.9	126.6
42.5°	213.8	197.4	170.2	149.8	144.3	151.1	129.4	108.9	102.1	99.4	102.1
45°	202.9	185.2	153.9	130.7	114.4	122.5	106.2	89.9	81.7	81.7	80.3
47.5°	192.0	175.6	141.6	113.0	95.3	91.2	87.1	72.2	64.0	62.6	64.0
50°	182.4	166.1	128.0	98.0	80.3	70.8	70.8	57.2	51.8	49.0	50.3
52.5°	172.9	155.2	115.7	87.1	69.5	57.2	50.3	46.3	42.2	40.9	42.2
55°	159.3	141.6	103.5	74.9	59.9	47.7	39.5	38.1	35.4	32.7	35.4
57.5°	143.0	126.6	91.2	64.0	47.7	36.7	32.7	31.3	28.6	27.2	27.2
59°	133.4	118.5	84.4	55.8	42.2	32.7	30.0	28.6	25.8	23.2	24.5
60°	128.0	115.7	80.3	51.8	38.1	30.0	27.2	25.8	23.2	21.8	23.2
62.5°	113.0	103.5	70.8	42.2	30.0	21.8	19.0	20.4	19.0	17.7	19.0
65°	99.4	91.2	59.9	32.7	23.2	15.0	13.6	17.7	16.4	15.0	16.4
67.5°	88.5	79.0	50.3	24.5	16.4	8.1	9.6	15.0	15.0	13.6	15.0
70°	76.3	68.0	40.9	17.7	8.1	4.1	6.8	10.9	13.6	12.2	13.6
72.5°	62.6	53.1	31.3	12.2	4.1	0.0	4.1	9.6	13.6	12.2	13.6
75°	49.0	39.5	23.2	6.8	0.0	0.0	1.3	8.1	13.6	12.2	13.6
77.5°	35.4	28.6	13.6	1.3	0.0	0.0	1.3	8.1	13.6	12.2	13.6
80°	23.2	20.4	5.5	0.0	0.0	0.0	1.3	8.1	13.6	13.6	15.0
82.5°	15.0	10.9	0.0	0.0	0.0	0.0	2.7	10.9	15.0	16.4	16.4
85°	6.8	0.0	0.0	0.0	0.0	0.0	5.5	13.6	17.7	17.7	17.7
87.5°	0.0	0.0	0.0	0.0	0.0	2.7	9.6	16.4	20.4	20.4	20.4
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: P650035

CATALOG NUMBER: GLAN-SA7A-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9
2.5°	4868.8	4954.6	5075.7	5262.3	5413.4	5651.7	5834.1	6083.3	6335.2	6411.4	6529.8
5°	3583.5	3693.8	3968.8	4219.4	4377.3	4881.1	5199.7	5702.0	6152.7	6369.2	6604.8
7.5°	2488.8	2619.5	2829.2	3179.1	3511.4	3921.2	4435.9	5010.4	5670.7	5979.8	6312.0
10°	1746.8	1910.2	2205.6	2492.9	2911.0	3300.3	3808.2	4442.7	5171.0	5536.0	5952.5
12.5°	1102.9	1248.5	1639.3	1962.0	2483.4	2935.5	3403.8	3978.3	4822.5	5196.9	5634.0
15°	630.4	752.9	935.4	1349.3	1927.9	2525.6	3109.7	3776.9	4644.1	5105.7	5578.2
17.5°	469.7	502.4	584.1	818.2	1345.2	2043.6	2838.8	3715.6	4765.3	5307.2	5846.3
20°	394.9	416.6	454.8	547.3	857.8	1573.9	2574.7	3726.5	5157.5	5838.2	6350.1
22.5°	354.0	367.6	398.9	458.8	585.4	1146.4	2265.5	3790.5	5632.6	6490.4	7081.3
25°	310.5	328.2	355.3	407.1	487.4	795.1	1960.6	3933.4	6298.4	7318.2	7873.7
27.5°	276.4	292.8	319.9	367.6	427.5	607.2	1605.2	4055.9	7001.0	8151.4	8606.2
30°	242.3	258.7	286.0	324.0	378.5	491.5	1222.7	4128.1	7683.0	8776.3	9126.3
32.5°	213.8	227.4	253.2	287.3	332.2	416.6	964.0	4053.3	8204.5	9344.1	9578.3
35°	185.2	201.5	223.3	254.6	294.1	355.3	801.9	3794.6	8652.5	9928.2	10012.6
37.5°	155.2	174.3	197.4	226.0	257.3	326.7	644.0	3508.6	9131.7	10656.6	10517.7
40°	130.7	148.4	170.2	201.5	230.1	299.5	495.6	3203.6	9649.1	11340.1	11069.1
42.5°	106.2	125.3	151.1	179.7	227.4	261.4	384.0	2887.8	10113.4	11935.0	11567.5
45°	84.4	100.8	128.0	164.7	226.0	224.6	296.8	2576.0	10463.3	12359.9	11939.2
47.5°	66.7	80.3	107.6	160.7	208.3	190.6	238.3	2382.7	10830.8	12742.5	12223.7
50°	53.1	66.7	92.6	167.5	182.4	163.4	200.1	2414.0	11186.3	12937.1	12340.8
52.5°	44.9	58.6	80.3	132.1	140.2	143.0	175.6	2558.3	11645.1	13145.5	12573.6
55°	39.5	51.8	68.0	92.6	108.9	128.0	160.7	2663.1	12259.1	13592.0	13086.9
57.5°	31.3	44.9	61.2	79.0	89.9	111.7	148.4	2671.3	12814.6	14165.3	13769.1
59°	28.6	40.9	57.2	74.9	80.3	100.8	140.2	2601.8	12835.0	14251.0	14082.2
60°	25.8	39.5	54.5	69.5	76.3	95.3	133.4	2521.5	12649.8	14114.8	14211.5
62.5°	21.8	34.1	47.7	55.8	65.4	79.0	115.7	2230.1	11752.6	13498.1	13971.9
65°	19.0	30.0	40.9	46.3	54.5	68.0	102.1	1784.9	10761.5	12662.1	13285.7
67.5°	17.7	27.2	35.4	39.5	47.7	62.6	91.2	1260.8	9477.5	11601.5	12255.0
70°	16.4	25.8	31.3	36.7	42.2	53.1	77.6	735.2	7300.5	9741.7	10432.0
72.5°	16.4	24.5	27.2	31.3	36.7	47.7	72.2	397.5	4991.3	7431.1	8323.0
75°	16.4	23.2	24.5	27.2	32.7	43.5	64.0	208.3	3226.8	5162.9	6371.9
77.5°	16.4	21.8	24.5	25.8	31.3	38.1	55.8	130.7	2149.8	3616.2	4306.5
80°	17.7	21.8	23.2	25.8	30.0	35.4	46.3	87.1	1263.5	2175.7	2620.9
82.5°	19.0	21.8	24.5	27.2	31.3	34.1	40.9	54.5	582.7	1439.2	1628.4
85°	20.4	23.2	25.8	28.6	32.7	34.1	38.1	39.5	95.3	649.4	878.2
87.5°	21.8	24.5	27.2	30.0	35.4	35.4	35.4	35.4	32.7	69.5	177.0
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: P650035

CATALOG NUMBER: GLAN-SA7A-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9	5919.9
2.5°	6679.6	6833.5	6941.1	6968.2	6890.6	6855.2	6757.2	6604.8	6512.1	6508.1
5°	7039.0	7399.8	7650.4	7692.6	7542.8	7289.6	6988.7	6600.6	6373.3	6305.2
7.5°	6977.8	7609.5	8012.5	8071.1	7819.2	7335.8	6753.1	6128.2	5880.4	5775.6
10°	6725.9	7496.5	8072.4	8165.0	7828.7	7148.0	6407.3	5710.2	5402.5	5322.2
12.5°	6510.8	7289.6	7801.5	7929.5	7674.9	6995.5	6200.3	5442.0	5112.5	5037.6
15°	6416.8	7044.5	7357.6	7423.0	7380.8	6900.2	6178.6	5401.1	5024.0	4942.3
17.5°	6510.8	6836.2	6875.7	6942.4	7036.4	6890.6	6388.3	5623.0	5216.0	5115.3
20°	6757.2	6655.1	6491.7	6520.3	6735.4	6930.1	6761.3	6114.6	5619.0	5511.5
22.5°	7176.6	6610.2	6239.8	6215.3	6487.6	7062.2	7308.6	6780.4	6205.8	6099.6
25°	7691.3	6723.2	6147.3	6094.2	6391.0	7255.5	7903.6	7595.9	6968.2	6806.2
27.5°	8252.2	6957.3	6147.3	6095.5	6382.8	7427.1	8412.8	8317.5	7758.0	7580.9
30°	8559.8	7150.7	6235.7	6177.2	6483.6	7526.5	8685.1	8958.8	8351.6	8132.3
32.5°	8834.9	7418.9	6408.7	6298.4	6694.6	7673.6	8928.9	9503.4	8824.0	8677.0
35°	9088.1	7706.2	6647.0	6518.9	6972.3	7875.0	9198.4	10075.3	9481.6	9259.7
37.5°	9367.3	8039.8	7018.7	6909.7	7436.6	8267.1	9518.4	10826.8	10128.3	9849.2
40°	9670.8	8426.4	7629.9	7583.7	8174.5	8711.0	9922.7	11628.7	10866.3	10549.0
42.5°	9980.0	8871.6	8378.8	8455.1	9010.5	9333.2	10338.0	12245.5	11470.8	11120.9
45°	10260.4	9440.8	9352.3	9729.4	9985.4	9940.4	10645.7	12679.8	11997.7	11662.8
47.5°	10614.4	10269.9	10530.0	11111.3	11118.1	10600.8	10878.5	13035.1	12451.1	12116.1
50°	11010.6	11248.9	12050.8	12643.0	12483.8	11250.2	11150.9	13455.9	12919.4	12651.2
52.5°	11469.5	12344.9	13455.9	14113.5	13741.8	11958.2	11604.2	13910.6	13662.8	13405.5
55°	12003.2	13092.4	14856.9	15381.1	15006.7	12837.8	12293.2	14527.4	14502.9	14327.3
57.5°	12606.3	13882.0	15668.4	16377.7	16044.1	13869.8	13255.7	15108.8	15016.2	14918.2
59°	13082.8	14287.8	16026.4	16761.7	16560.1	14592.8	13902.5	15470.9	15134.6	14987.6
60°	13371.4	14562.8	16158.5	16813.4	16767.1	15023.0	14312.3	15647.9	15133.3	14929.1
62.5°	14227.9	15043.4	16108.1	16583.3	16764.3	15848.1	15514.5	15842.6	14852.8	14553.3
65°	14532.9	14884.1	15273.5	15214.9	15370.2	15805.9	16282.4	15628.8	14253.7	13827.5
67.5°	13939.2	13137.3	13274.8	12884.0	12807.8	14052.3	15970.6	14583.2	13081.5	12560.0
70°	11749.9	10064.4	9994.9	10174.6	9681.8	11376.8	14340.9	12569.6	11146.8	10555.9
72.5°	9248.8	7112.5	6527.1	7188.8	7173.8	8679.7	11913.3	8919.3	7530.6	7480.2
75°	7273.2	4951.8	4346.0	4453.5	4660.5	6283.4	9488.4	5663.9	4637.3	4226.2
77.5°	4882.4	3508.6	3273.1	3141.0	3364.3	4034.2	6002.9	3071.6	2600.5	2463.0
80°	2814.3	2548.7	2894.6	2627.7	2747.5	2541.9	2985.8	1409.2	1169.6	1266.2
82.5°	1831.3	1451.4	1546.7	1149.1	1571.2	1584.8	958.5	416.6	352.7	374.4
85°	1145.1	680.7	382.6	272.3	541.9	996.6	299.5	25.8	30.0	25.8
87.5°	296.8	113.0	47.7	70.8	87.1	77.6	69.5	4.1	1.3	2.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)