

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: P533723

Luminaire Tested: **GLAN-SA9A-830-U-SLR-GRSBK**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P533723
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-25)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA9A-830-U-SLR-GRSBK
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH BLACK GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18212 lumens
Efficiency: N/A
Efficacy: 66.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G2

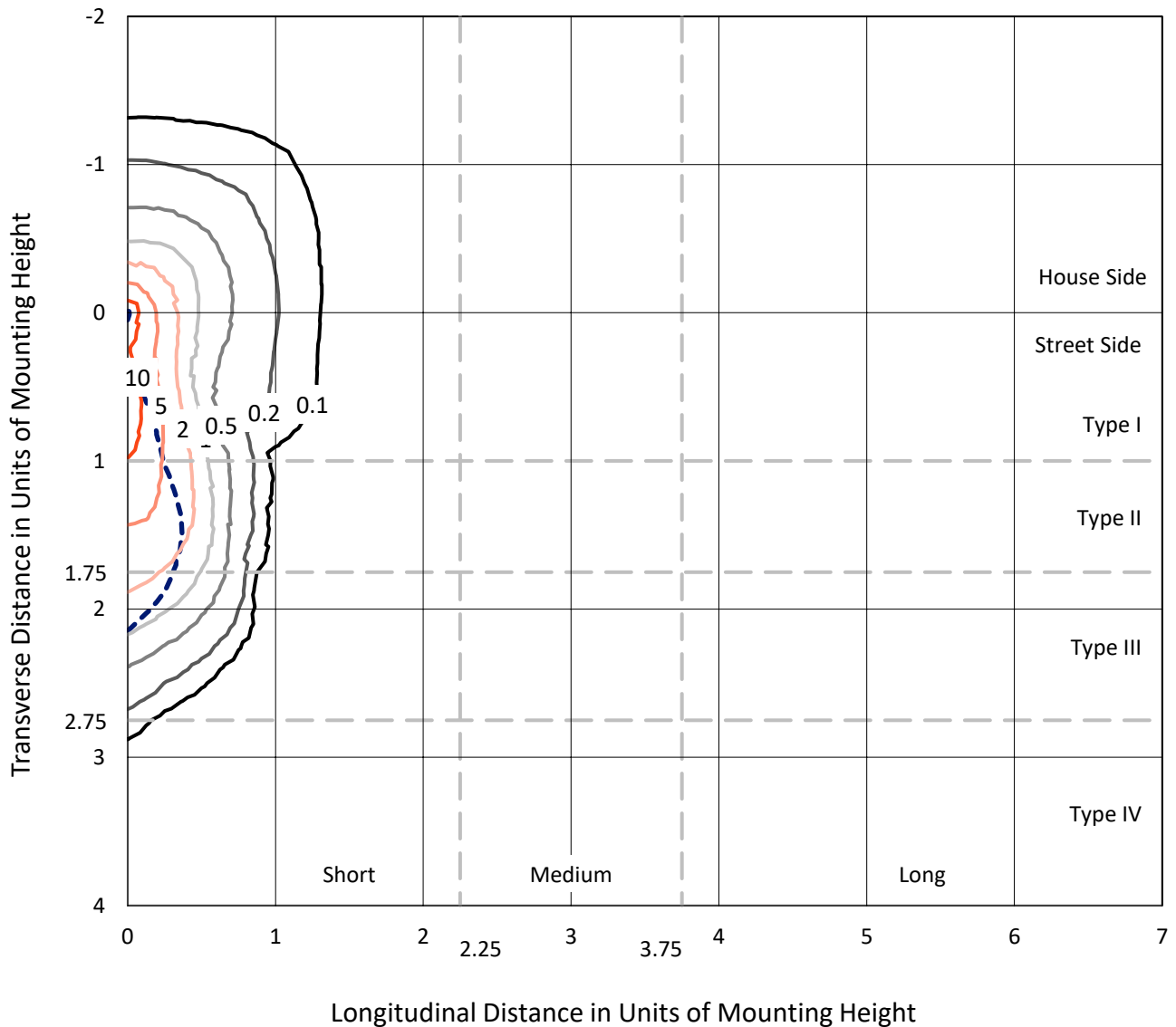
Input Watts (W): 274
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P533723
 CATALOG NUMBER: GLAN-SA9A-830-U-SLR-GRSBK

Iso-Footcandle Lines of Horizontal Illumination

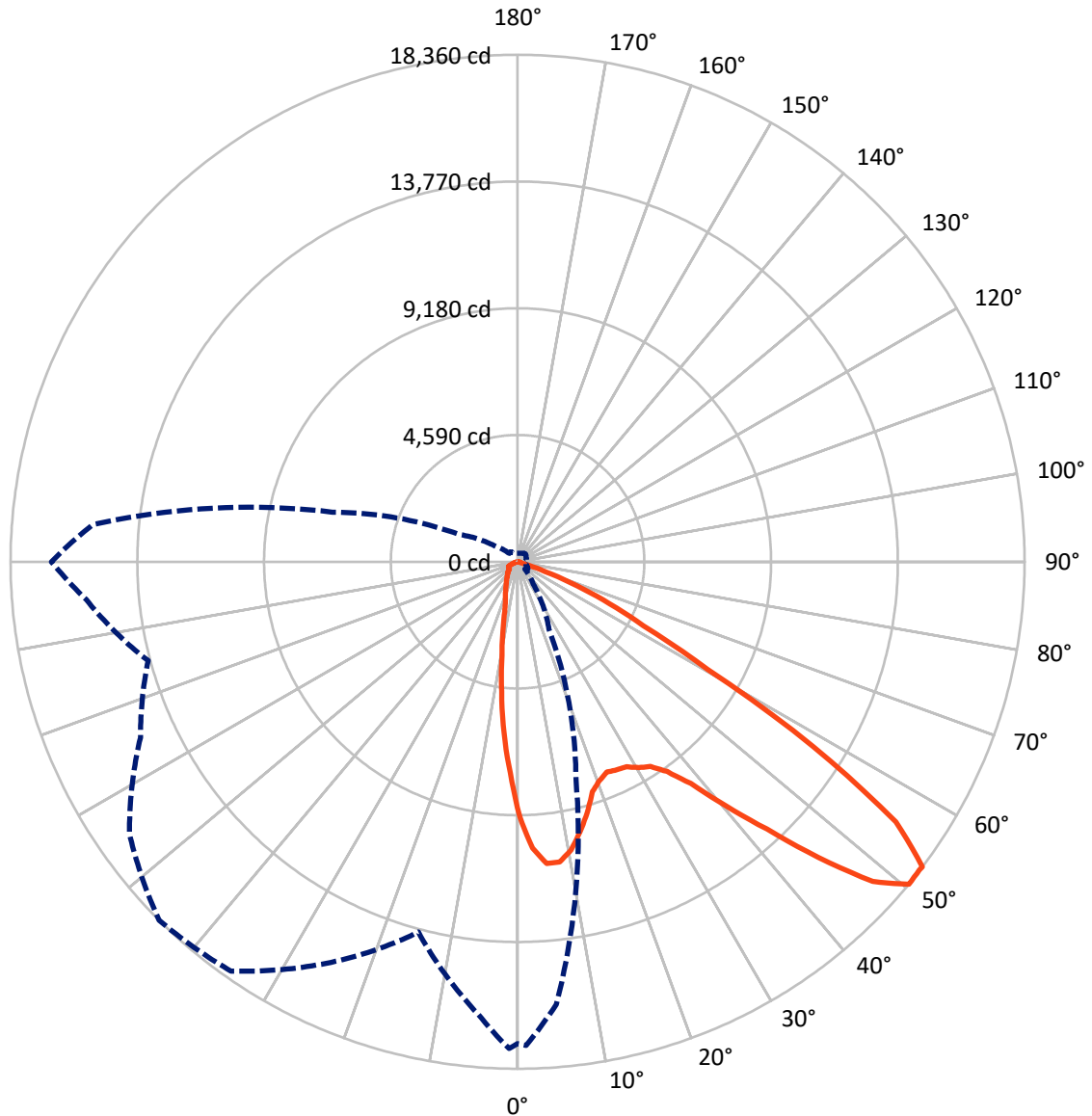
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.8 fc
 Type III - Short - N/A

REPORT NUMBER: P533723
CATALOG NUMBER: GLAN-SA9A-830-U-SLR-GRSBK

Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 50-Deg Vertical

REPORT NUMBER: P533723
 CATALOG NUMBER: GLAN-SA9A-830-U-SLR-GRSBK

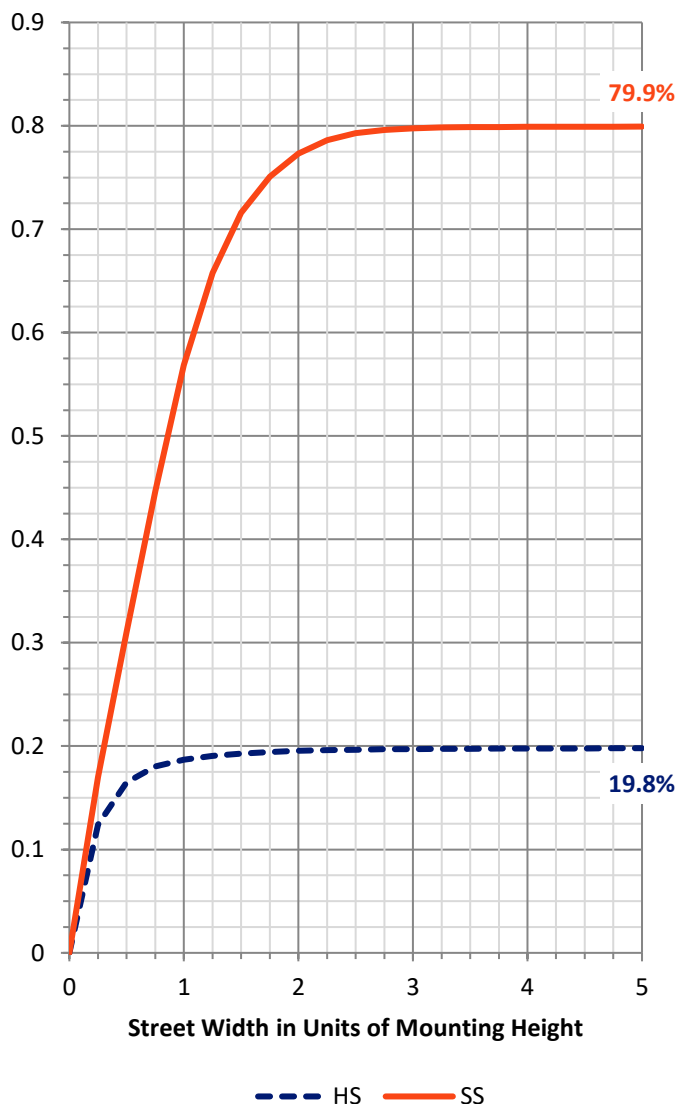
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3647.9	0.0	3647.9
	% Fixture	20.0	0.0	20.0
Street Side	Lumens	14564.1	0.0	14564.1
	% Fixture	80.0	0.0	80.0
Total	Lumens	18212.0	0.0	18212.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	673.2	3.7
10°-20°	1337.9	7.3
20°-30°	2010.0	11.0
30°-40°	3016.9	16.6
40°-50°	4240.1	23.3
50°-60°	4573.7	25.1
60°-70°	2123.5	11.7
70°-80°	199.8	1.1
80°-90°	36.8	0.2
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°	18212.0	100.0
0°-180°	18212.0	100.0

Coefficient of Utilization

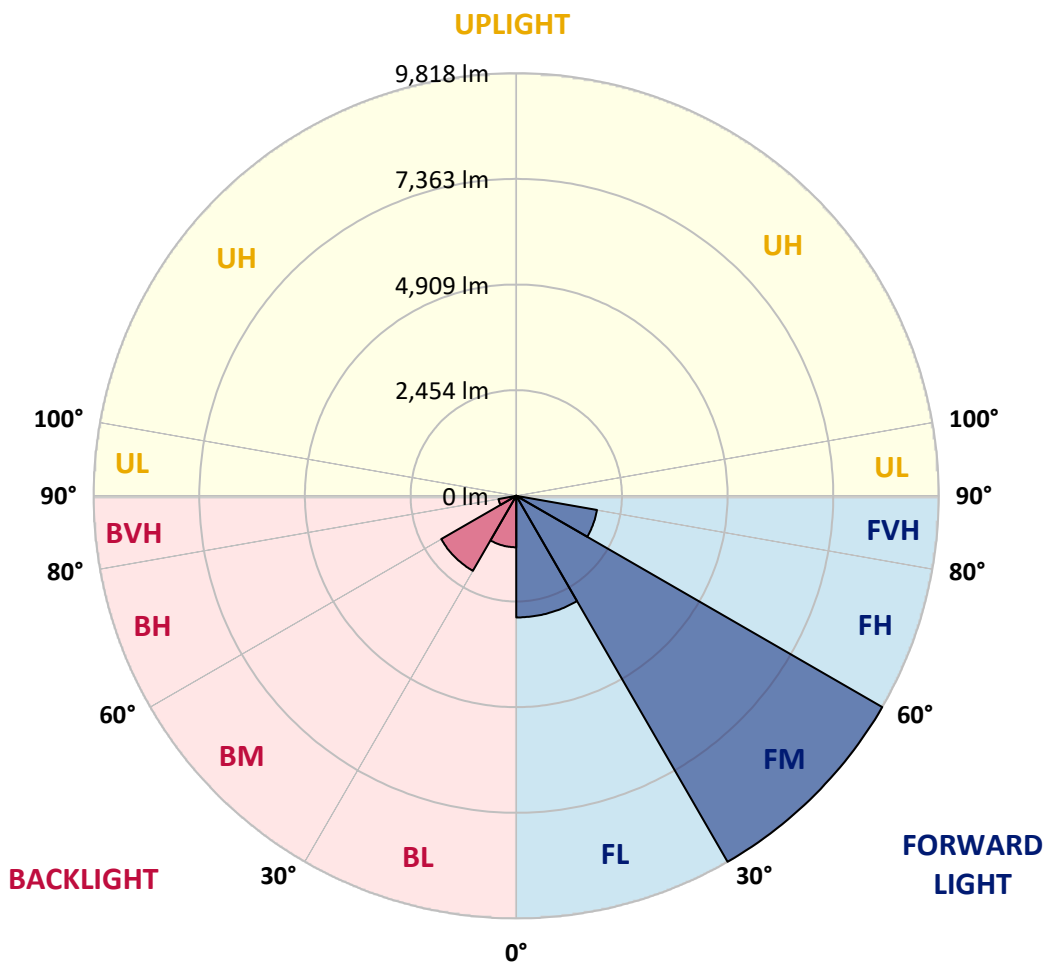


REPORT NUMBER: P533723
 CATALOG NUMBER: GLAN-SA9A-830-U-SLR-GRSBK

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2825.4	15.5			
FM (30°-60°)	9817.6	53.9			
FH (60°-80°)	1904.5	10.5			G2/5000
FVH (80°-90°)	16.6	0.1			G1/100
BL (0°-30°)	1195.7	6.6	B3/2500		
BM (30°-60°)	2013.1	11.1	B2/2500		
BH (60°-80°)	418.9	2.3	B1/500		G1/500
BVH (80°-90°)	20.2	0.1			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
 Type III Short





REPORT NUMBER: P533723

CATALOG NUMBER: GLAN-SA9A-830-U-SLR-GRSBK

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8
2.5°	9600.7	9452.6	9264.7	9109.3	8878.1	8411.9	8285.5	8133.7	8007.2	7837.4	7598.9
5°	8729.9	8682.9	8596.2	8010.8	7588.1	7024.4	6561.9	6366.8	6110.2	5900.6	5748.9
7.5°	8065.0	7877.2	7602.5	7013.6	6337.9	5734.4	5221.3	4921.4	4581.8	4466.1	4260.2
10°	7353.2	7396.6	6991.9	6164.4	5347.8	4860.0	4542.0	4252.9	3945.8	3743.5	3450.8
12.5°	7125.6	6984.6	6673.9	5651.3	4953.9	4498.6	4112.0	3754.3	3429.1	3103.9	2822.0
15°	7273.7	7056.9	6623.3	5542.9	4650.4	4083.1	3598.9	3114.7	2814.8	2399.3	2106.6
17.5°	7804.9	7631.4	7049.7	5658.5	4495.0	3685.6	2966.6	2467.9	2009.0	1633.2	1485.1
20°	8690.2	8444.5	7714.5	5806.7	4263.8	3205.1	2406.5	1792.2	1358.6	1199.6	1116.5
22.5°	9557.4	9423.7	8502.3	6092.1	4057.8	2778.7	1806.7	1206.9	1015.4	986.5	932.3
25°	11208.7	10807.6	9705.5	6608.9	3898.8	2377.6	1362.2	972.0	860.0	838.3	845.5
27.5°	12191.5	11855.5	10818.4	6952.1	3721.8	2070.5	1152.7	892.5	816.6	769.6	751.6
30°	13134.6	12744.4	11371.3	7154.5	3342.4	1745.3	1022.6	856.4	838.3	769.6	748.0
32.5°	13860.9	13477.9	12169.8	7458.0	3187.0	1535.7	841.9	668.5	621.5	614.3	679.3
35°	14973.8	14565.5	12852.8	7624.2	3067.8	1427.3	729.9	596.2	542.0	520.3	523.9
37.5°	16010.9	15732.6	13485.1	7689.3	2941.3	1394.8	654.0	534.8	487.8	473.4	469.7
40°	16878.1	16256.6	14084.9	7757.9	2887.1	1333.3	607.0	487.8	455.3	433.6	433.6
42.5°	17275.5	16643.2	14757.0	7718.2	2872.6	1235.8	607.0	448.1	422.8	401.1	397.5
45°	17188.8	16932.3	15056.9	7700.1	2872.6	1138.2	552.8	437.2	401.1	372.2	365.0
47.5°	17412.8	17076.8	15432.7	7776.0	2814.8	1069.6	466.1	458.9	379.4	343.3	336.0
50°	17452.6	17517.6	16086.7	8169.8	2688.3	982.8	365.0	451.7	365.0	310.8	303.5
52°	17712.8	17308.1	16285.5	8379.4	2554.7	917.8	307.1	386.6	350.5	289.1	281.8
52.5°	17355.0	17618.8	16332.4	8455.3	2569.1	874.4	296.3	379.4	343.3	289.1	271.0
55°	16953.9	17206.9	16140.9	8617.9	2355.9	686.5	231.3	274.6	310.8	252.9	242.1
57.5°	14735.3	14991.9	14027.1	7891.6	1918.7	484.2	191.5	206.0	274.6	234.9	224.0
60°	13098.5	12914.2	11772.4	6583.6	1362.2	271.0	151.8	159.0	299.9	216.8	213.2
62.5°	11971.1	11577.2	9839.2	5084.0	831.1	180.7	119.2	122.9	231.3	202.3	202.3
65°	8856.4	8415.5	6536.6	3075.0	408.3	126.5	90.3	97.6	144.5	173.4	173.4
67.5°	5055.1	4885.3	3158.1	1387.5	169.8	79.5	68.7	75.9	112.0	140.9	133.7
70°	2323.4	2084.9	1214.1	292.7	79.5	54.2	54.2	61.4	90.3	104.8	97.6
72.5°	679.3	643.2	296.3	47.0	32.5	32.5	36.1	47.0	68.7	79.5	72.3
75°	50.6	32.5	21.7	14.5	14.5	21.7	28.9	47.0	68.7	75.9	61.4
77.5°	3.6	7.2	3.6	3.6	10.8	21.7	32.5	57.8	90.3	93.9	68.7
80°	3.6	3.6	0.0	3.6	10.8	21.7	36.1	65.0	101.2	108.4	57.8
82.5°	0.0	0.0	0.0	3.6	14.5	28.9	43.4	68.7	93.9	115.6	61.4
85°	0.0	0.0	0.0	3.6	21.7	39.7	50.6	18.1	10.8	0.0	0.0
87.5°	0.0	0.0	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: P533723

CATALOG NUMBER: GLAN-SA9A-830-U-SLR-GRSBK

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8
2.5°	7768.8	7674.8	7638.7	7671.2	7660.3	7649.5	7848.2	7804.9	7797.7	7862.7	7848.2
5°	5832.0	5665.8	6121.1	5936.8	6128.3	6243.9	6265.6	6276.4	6410.1	6269.2	6453.5
7.5°	4155.4	4198.7	4195.1	4318.0	4538.4	4733.5	4849.1	4758.8	4751.6	4733.5	4654.0
10°	3320.7	3244.8	3230.4	3201.4	3270.1	3436.3	3577.2	3465.2	3385.7	3494.1	3461.6
12.5°	2713.6	2608.9	2551.0	2435.4	2439.0	2551.0	2551.0	2551.0	2630.5	2692.0	2738.9
15°	2081.3	1994.6	1994.6	1879.0	1853.7	1857.3	1915.1	1922.3	2048.8	2084.9	2103.0
17.5°	1456.2	1409.2	1463.4	1510.4	1481.5	1488.7	1510.4	1517.6	1535.7	1521.2	1557.4
20°	1120.1	1112.9	1127.4	1210.5	1271.9	1308.0	1282.7	1246.6	1224.9	1174.3	1174.3
22.5°	950.3	964.8	990.1	1058.7	1138.2	1159.9	1131.0	1047.9	982.8	975.6	979.2
25°	845.5	860.0	899.7	943.1	986.5	1022.6	993.7	932.3	896.1	863.6	863.6
27.5°	780.5	787.7	809.4	841.9	878.0	907.0	896.1	863.6	823.8	809.4	776.9
30°	729.9	740.7	766.0	773.3	805.8	820.2	802.2	794.9	769.6	751.6	740.7
32.5°	704.6	701.0	719.1	726.3	729.9	740.7	719.1	729.9	726.3	697.4	686.5
35°	531.2	560.1	607.0	646.8	657.6	672.1	668.5	654.0	614.3	581.8	542.0
37.5°	477.0	495.0	520.3	552.8	596.2	614.3	607.0	570.9	523.9	502.3	495.0
40°	440.8	451.7	473.4	495.0	538.4	570.9	545.6	513.1	477.0	458.9	448.1
42.5°	408.3	411.9	422.8	444.4	477.0	527.6	484.2	440.8	426.4	415.5	408.3
45°	372.2	372.2	386.6	397.5	433.6	480.6	437.2	397.5	390.2	383.0	379.4
47.5°	343.3	346.9	354.1	368.6	397.5	430.0	401.1	368.6	350.5	346.9	339.7
50°	307.1	310.8	325.2	339.7	375.8	393.9	375.8	339.7	321.6	310.8	310.8
52°	278.2	289.1	303.5	332.4	357.7	386.6	365.0	325.2	303.5	292.7	285.5
52.5°	274.6	281.8	296.3	328.8	357.7	383.0	361.3	321.6	296.3	289.1	281.8
55°	245.7	256.5	281.8	321.6	354.1	383.0	354.1	318.0	281.8	263.8	256.5
57.5°	234.9	242.1	274.6	325.2	350.5	383.0	354.1	318.0	281.8	249.3	242.1
60°	224.0	238.5	274.6	314.4	346.9	386.6	357.7	314.4	274.6	234.9	234.9
62.5°	213.2	224.0	271.0	307.1	332.4	372.2	343.3	307.1	263.8	224.0	220.4
65°	184.3	202.3	238.5	256.5	285.5	321.6	292.7	267.4	231.3	198.7	195.1
67.5°	140.9	148.1	177.1	198.7	216.8	249.3	234.9	202.3	177.1	151.8	151.8
70°	97.6	104.8	126.5	137.3	155.4	173.4	162.6	137.3	119.2	104.8	101.2
72.5°	68.7	72.3	79.5	86.7	93.9	101.2	97.6	79.5	68.7	65.0	61.4
75°	54.2	61.4	65.0	61.4	57.8	54.2	54.2	47.0	39.7	36.1	36.1
77.5°	54.2	57.8	54.2	47.0	39.7	36.1	32.5	28.9	21.7	18.1	21.7
80°	47.0	47.0	47.0	39.7	36.1	32.5	28.9	25.3	21.7	18.1	18.1
82.5°	50.6	50.6	47.0	39.7	39.7	32.5	32.5	28.9	25.3	18.1	18.1
85°	0.0	0.0	0.0	7.2	18.1	32.5	32.5	28.9	25.3	21.7	21.7
87.5°	0.0	0.0	0.0	0.0	3.6	7.2	14.5	18.1	21.7	21.7	21.7
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: P533723
 CATALOG NUMBER: GLAN-SA9A-830-U-SLR-GRSBK

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8
2.5°	7978.3	8115.6	8375.8	8636.0	8794.9	8982.8	9322.5	9503.2	9738.0	9853.7	10081.3
5°	6428.2	6753.4	6869.0	7165.3	7483.3	7801.3	8307.1	8863.6	9326.1	9644.1	10056.0
7.5°	4690.2	4766.0	5214.1	5412.8	5933.2	6511.3	7201.5	7902.4	8487.8	9008.1	9322.5
10°	3515.8	3794.0	4075.9	4455.3	4874.4	5470.6	6131.9	6905.2	7664.0	8184.3	8581.8
12.5°	2825.7	3046.1	3421.9	3830.2	4346.9	4740.7	5405.6	6171.6	7154.5	7664.0	8187.9
15°	2139.1	2421.0	2847.3	3270.1	3815.7	4231.3	4903.3	5868.1	7132.8	7833.8	8285.5
17.5°	1586.3	1777.8	2160.8	2634.1	3190.6	3776.0	4682.9	5835.6	7374.9	8209.6	8675.7
20°	1214.1	1279.1	1521.2	1944.0	2547.4	3313.5	4325.2	5976.5	8090.3	9123.8	9597.1
22.5°	982.8	1011.7	1105.7	1398.4	1983.7	2908.8	4155.4	6074.1	8896.1	10218.6	10851.0
25°	856.4	849.1	910.6	1037.0	1550.1	2529.4	3938.6	6442.6	9882.6	11505.0	12072.3
27.5°	780.5	780.5	809.4	899.7	1286.4	2283.7	3801.3	6706.4	10876.3	12636.0	12943.1
30°	740.7	748.0	831.1	860.0	1069.6	1991.0	3573.6	6973.8	11826.6	13358.6	13781.4
32.5°	686.5	657.6	639.6	711.8	899.7	1727.2	3346.0	7085.8	12596.2	14243.9	14605.3
35°	527.6	513.1	534.8	589.0	773.3	1503.2	3093.0	7212.3	13481.5	15270.1	15342.4
37.5°	477.0	473.4	487.8	534.8	650.4	1308.0	2912.4	7179.8	14157.2	16119.3	15924.1
40°	440.8	440.8	451.7	491.4	581.8	1170.7	2724.5	7150.9	14811.2	17073.2	16502.3
42.5°	411.9	411.9	430.0	455.3	552.8	1080.4	2583.6	7111.1	15360.4	17658.6	16841.9
45°	372.2	383.0	411.9	437.2	560.1	1019.0	2478.8	6959.4	15548.3	17651.3	16679.3
47.5°	343.3	357.7	386.6	422.8	505.9	1000.9	2406.5	6825.7	15483.3	17217.7	16169.8
50°	310.8	328.8	368.6	430.0	430.0	964.8	2330.6	6944.9	15436.3	16881.7	15682.0
52°	289.1	303.5	354.1	419.2	375.8	888.9	2283.7	7176.2	15627.8	16838.3	15465.2
52.5°	285.5	296.3	343.3	411.9	357.7	874.4	2251.1	7230.4	15689.3	16729.9	15613.4
55°	252.9	267.4	314.4	321.6	292.7	719.1	2146.3	7353.2	15385.7	16516.7	15472.5
57.5°	238.5	245.7	278.2	263.8	252.9	542.0	1846.4	7161.7	13665.8	14670.3	14395.7
60°	220.4	227.6	260.2	206.0	213.2	379.4	1387.5	6218.6	10973.8	12224.0	12719.1
62.5°	213.2	209.6	245.7	166.2	180.7	274.6	979.2	5055.1	8455.3	10063.2	10919.6
65°	187.9	184.3	177.1	140.9	155.4	213.2	585.4	3299.0	5958.5	7613.4	8083.1
67.5°	144.5	151.8	130.1	112.0	130.1	166.2	325.2	1477.9	3125.6	4567.3	4946.7
70°	101.2	108.4	104.8	97.6	115.6	137.3	187.9	505.9	1293.6	2399.3	2645.0
72.5°	61.4	75.9	79.5	83.1	101.2	119.2	133.7	162.6	343.3	849.1	1055.1
75°	36.1	50.6	61.4	72.3	83.1	101.2	112.0	115.6	119.2	159.0	256.5
77.5°	25.3	36.1	54.2	68.7	83.1	101.2	119.2	126.5	119.2	112.0	119.2
80°	21.7	36.1	50.6	65.0	86.7	104.8	119.2	119.2	115.6	101.2	108.4
82.5°	21.7	36.1	54.2	68.7	83.1	101.2	115.6	119.2	108.4	101.2	104.8
85°	25.3	39.7	57.8	72.3	90.3	83.1	75.9	61.4	57.8	47.0	50.6
87.5°	25.3	36.1	36.1	39.7	43.4	43.4	43.4	39.7	32.5	28.9	28.9
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: P533723

CATALOG NUMBER: GLAN-SA9A-830-U-SLR-GRSBK

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8	9235.8
2.5°	10092.1	10381.2	10370.4	10377.6	10334.2	10041.6	9900.6	9542.9	9644.1	9600.7
5°	10478.8	10764.2	11009.9	10981.0	10648.6	10251.1	9662.2	9105.7	8953.9	8729.9
7.5°	10092.1	10778.7	11006.3	10973.8	10482.4	9972.9	9033.4	8477.0	8213.2	8065.0
10°	9477.9	10272.8	10554.7	10612.5	10280.0	9506.8	8643.2	7750.7	7609.8	7353.2
12.5°	9127.4	9705.5	9879.0	10034.3	9918.7	9340.6	8346.9	7490.5	7295.4	7125.6
15°	8841.9	9185.2	9257.5	9434.5	9503.2	9192.4	8502.3	7772.4	7291.8	7273.7
17.5°	9105.7	8964.8	8701.0	8755.2	8972.0	9196.0	8903.3	8328.8	7862.7	7804.9
20°	9542.9	8921.4	8325.2	8458.9	8639.6	9326.1	9510.4	9105.7	8838.3	8690.2
22.5°	10045.2	8997.3	8206.0	8271.0	8614.3	9618.8	10493.2	10269.2	9770.6	9557.4
25°	10973.8	9206.9	8299.9	8343.3	8813.0	10027.1	11382.1	11548.3	11252.0	11208.7
27.5°	11880.8	9748.9	8505.9	8408.3	8914.2	10424.6	11920.5	12813.0	12292.7	12191.5
30°	12343.3	10189.7	8813.0	8646.8	9333.3	10666.7	12245.7	13636.9	13181.6	13134.6
32.5°	13051.5	10590.8	9051.5	8838.3	9568.2	10966.6	12852.8	14536.6	14095.8	13860.9
35°	13347.8	11028.0	9575.4	9326.1	10240.3	11385.7	13163.5	15338.8	15201.5	14973.8
37.5°	13918.7	11497.8	10193.3	10178.9	11053.3	11931.4	13723.6	16430.0	16404.7	16010.9
40°	13965.7	12010.8	11168.9	11624.2	12310.8	12881.7	14215.0	16733.5	17145.5	16878.1
42.5°	14038.0	12910.6	12856.4	13232.2	13821.1	13698.3	14233.1	16805.8	17434.5	17275.5
45°	14070.5	13810.3	14572.7	15266.5	15512.2	14767.9	14063.2	16668.5	17586.3	17188.8
47.5°	13810.3	14583.6	15960.3	17300.8	17373.1	15425.5	13991.0	16527.6	17676.6	17412.8
50°	13846.4	15067.8	17159.9	18359.5	18095.8	16007.2	13879.0	16440.8	17629.6	17452.6
52°	13759.7	15078.6	17329.7	18337.9	18153.6	15685.6	13687.5	16108.4	17586.3	17712.8
52.5°	13857.3	15013.6	17152.7	18352.3	18113.8	15844.6	13662.2	16292.7	17611.6	17355.0
55°	13521.2	14240.3	16115.6	16625.1	16589.0	14381.2	12885.3	15682.0	16950.3	16953.9
57.5°	12220.4	12343.3	12639.6	12628.7	12462.5	11306.2	11020.8	14421.0	15111.1	14735.3
60°	10767.8	9037.0	8238.5	7913.3	7729.0	7541.1	9748.9	13192.4	13257.5	13098.5
62.5°	9304.4	6265.6	5203.3	5112.9	5156.3	5842.8	9423.7	12704.6	12314.4	11971.1
65°	7508.6	4567.3	3779.6	3660.3	4083.1	4823.9	7627.8	9741.7	9141.8	8856.4
67.5°	4715.5	3331.5	2554.7	2330.6	2840.1	3320.7	5011.7	6121.1	5449.0	5055.1
70°	2796.8	1860.9	1156.3	1037.0	1167.1	1770.6	2807.6	3053.3	2525.7	2323.4
72.5°	1102.1	682.9	321.6	274.6	285.5	621.5	1033.4	1008.1	762.4	679.3
75°	296.3	206.0	112.0	90.3	75.9	115.6	166.2	108.4	39.7	50.6
77.5°	137.3	122.9	97.6	75.9	57.8	43.4	21.7	7.2	7.2	3.6
80°	119.2	104.8	90.3	75.9	57.8	36.1	18.1	3.6	3.6	3.6
82.5°	112.0	97.6	83.1	68.7	54.2	36.1	18.1	3.6	0.0	0.0
85°	47.0	61.4	68.7	65.0	57.8	36.1	18.1	3.6	0.0	0.0
87.5°	25.3	21.7	18.1	14.5	10.8	7.2	7.2	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

(END OF REPORT)