

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: P653938

Luminaire Tested: **GLAN-SA6A-840-U-SLR-GRSBK**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P653938  
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-SA6A-840-U-SLR-GRSBK  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 80 CRI, 4000K, 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: 12608.3 lumens  
Efficiency: N/A  
Efficacy: 69.3 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B2 - U0 - G1

Input Watts (W): 182  
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

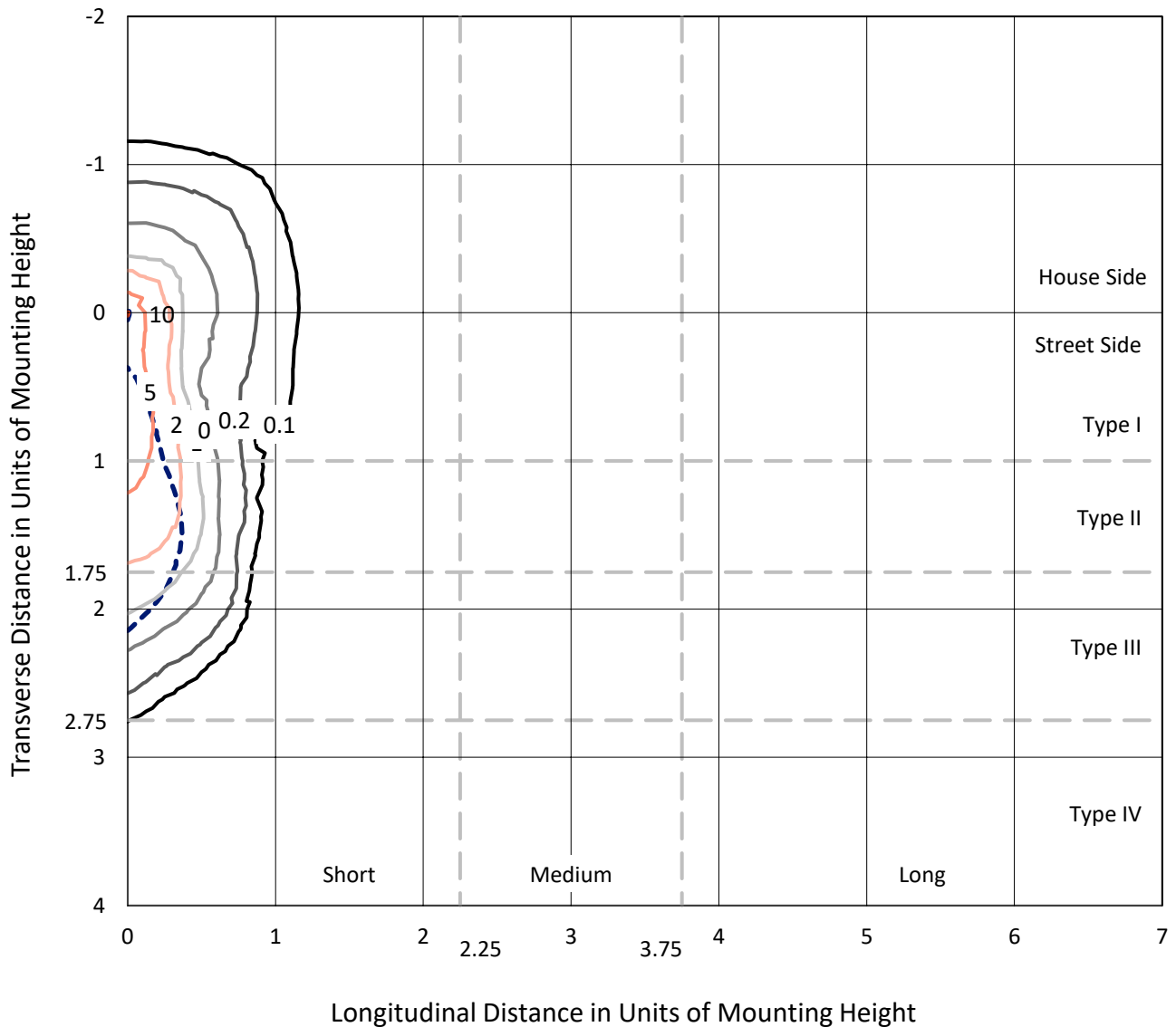




REPORT NUMBER: P653938  
 CATALOG NUMBER: GLAN-SA6A-840-U-SLR-GRSBK

### Iso-Footcandle Lines of Horizontal Illumination

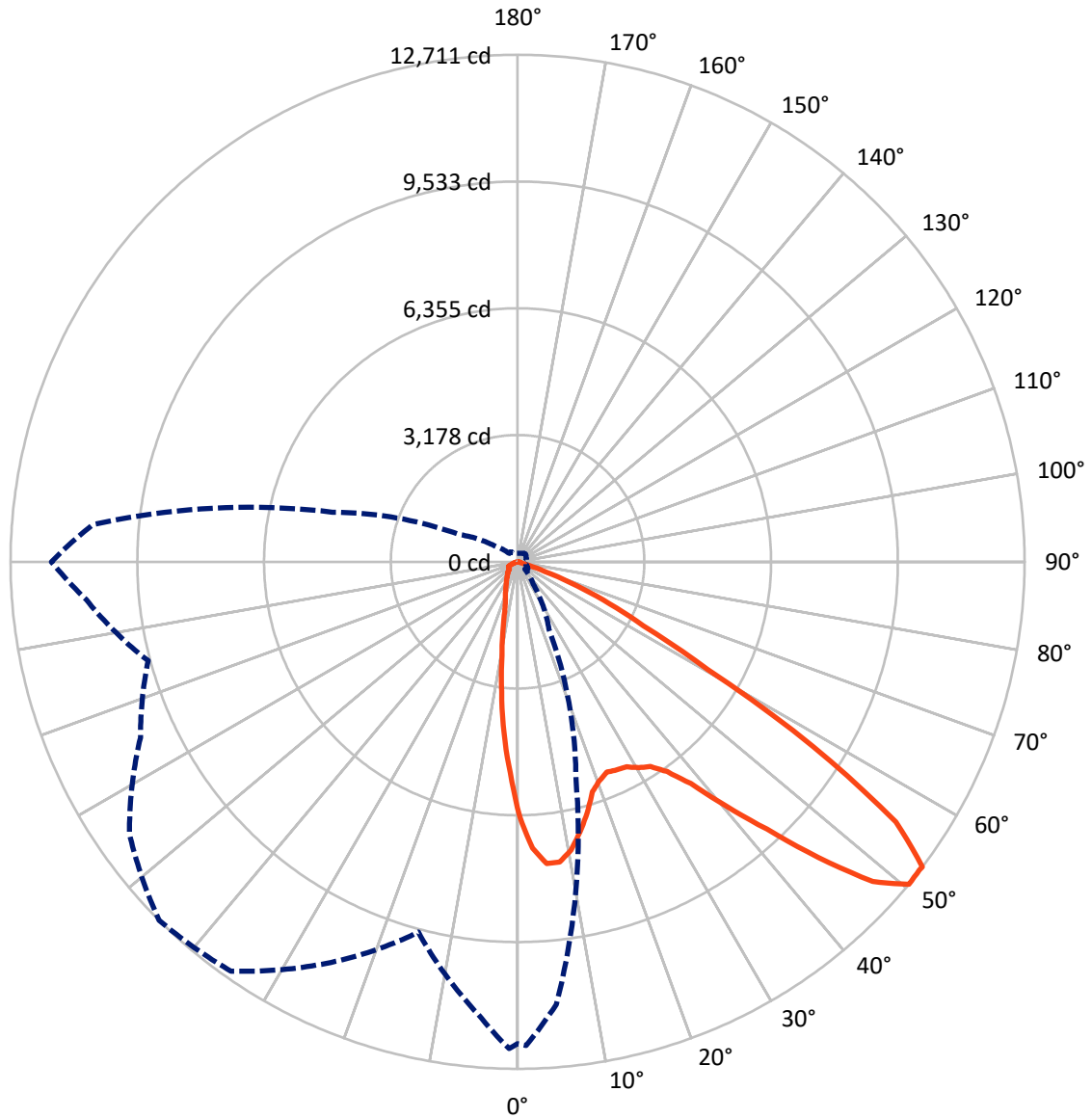
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.2 fc  
 Type III - Short - N/A

REPORT NUMBER: P653938  
CATALOG NUMBER: GLAN-SA6A-840-U-SLR-GRSBK

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P653938  
 CATALOG NUMBER: GLAN-SA6A-840-U-SLR-GRSBK

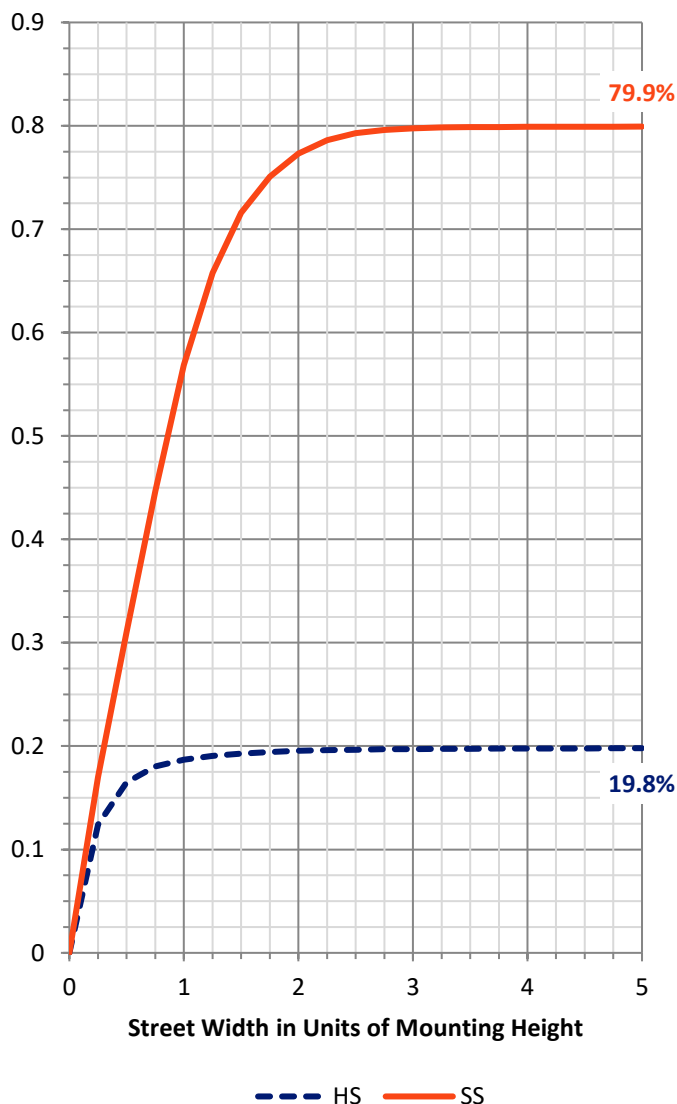
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2525.4	0.0	2525.4
	% Fixture	20.0	0.0	20.0
<b>Street Side</b>	Lumens	10082.8	0.0	10082.8
	% Fixture	80.0	0.0	80.0
<b>Total</b>	Lumens	12608.3	0.0	12608.3
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	466.0	3.7
10°-20°	926.3	7.3
20°-30°	1391.5	11.0
30°-40°	2088.6	16.6
40°-50°	2935.4	23.3
50°-60°	3166.4	25.1
60°-70°	1470.1	11.7
70°-80°	138.3	1.1
80°-90°	25.5	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°	12608.3	100.0
0°-180°	12608.3	100.0

**Coefficient of Utilization**

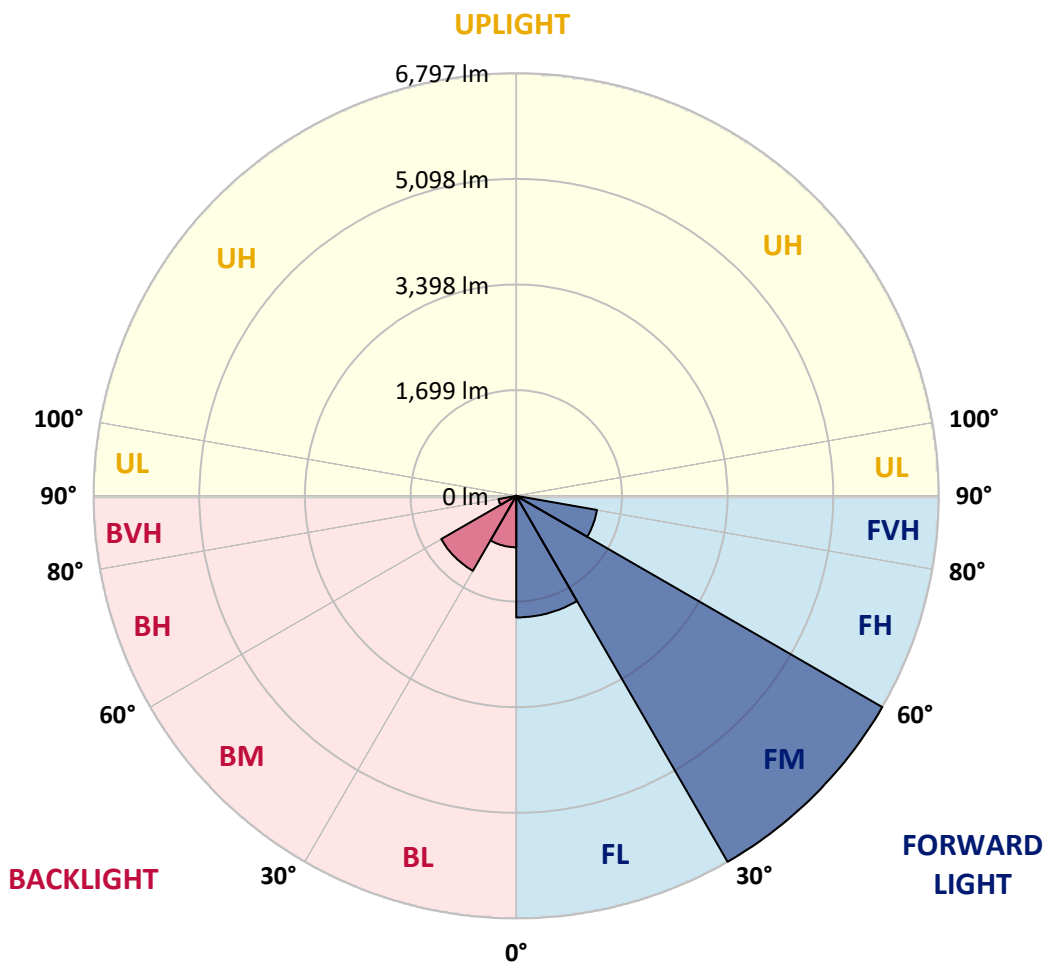


REPORT NUMBER: P653938  
 CATALOG NUMBER: GLAN-SA6A-840-U-SLR-GRSBK

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1956.1	15.5			
FM (30°-60°)	6796.8	53.9			
FH (60°-80°)	1318.5	10.5			G1/1800
FVH (80°-90°)	11.5	0.1			G1/100
BL (0°-30°)	827.8	6.6	B2/1000		
BM (30°-60°)	1393.7	11.1	B2/2500		
BH (60°-80°)	290.0	2.3	B1/500		G1/500
BVH (80°-90°)	14.0	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-G1**  
 Type III Short





REPORT NUMBER: P653938

CATALOG NUMBER: GLAN-SA6A-840-U-SLR-GRSBK

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0
2.5°	6646.7	6544.1	6414.0	6306.4	6146.4	5823.6	5736.0	5631.0	5543.5	5425.9	5260.8
5°	6043.8	6011.2	5951.2	5546.0	5253.3	4863.0	4542.8	4407.8	4230.1	4085.1	3979.9
7.5°	5583.5	5453.4	5263.3	4855.5	4387.7	3969.9	3614.8	3407.1	3172.0	3091.9	2949.3
10°	5090.7	5120.7	4840.5	4267.7	3702.3	3364.6	3144.5	2944.3	2731.7	2591.6	2389.0
12.5°	4933.1	4835.5	4620.4	3912.4	3429.6	3114.5	2846.8	2599.1	2374.0	2148.8	1953.7
15°	5035.7	4885.5	4585.4	3837.4	3219.5	2826.8	2491.5	2156.3	1948.7	1661.1	1458.4
17.5°	5403.3	5283.3	4880.6	3917.5	3112.0	2551.6	2053.8	1708.6	1390.8	1130.7	1028.1
20°	6016.3	5846.1	5340.9	4020.0	2951.8	2218.9	1666.0	1240.8	940.6	830.5	773.0
22.5°	6616.7	6524.1	5886.2	4217.6	2809.3	1923.7	1250.8	835.5	702.9	682.9	645.4
25°	7759.8	7482.1	6719.2	4575.4	2699.2	1646.0	943.1	672.9	595.3	580.4	585.3
27.5°	8440.3	8207.6	7489.7	4813.0	2576.6	1433.4	798.0	617.9	565.3	532.9	520.3
30°	9093.1	8823.0	7872.4	4953.1	2313.9	1208.3	708.0	592.9	580.4	532.9	517.8
32.5°	9596.0	9330.8	8425.2	5163.2	2206.4	1063.2	582.9	462.8	430.3	425.3	470.3
35°	10366.4	10083.8	8898.0	5278.3	2123.9	988.1	505.3	412.8	375.3	360.2	362.7
37.5°	11084.4	10891.8	9335.9	5323.3	2036.2	965.6	452.8	370.2	337.7	327.7	325.2
40°	11684.8	11254.5	9751.1	5370.9	1998.7	923.1	420.2	337.7	315.2	300.2	300.2
42.5°	11959.9	11522.2	10216.4	5343.3	1988.7	855.5	420.2	310.2	292.7	277.7	275.2
45°	11899.9	11722.3	10424.0	5330.8	1988.7	788.0	382.7	302.7	277.7	257.7	252.6
47.5°	12055.0	11822.4	10684.1	5383.3	1948.7	740.5	322.7	317.7	262.6	237.7	232.6
50°	12082.6	12127.6	11136.9	5656.1	1861.1	680.5	252.6	312.7	252.6	215.1	210.2
52°	12262.6	11982.5	11274.5	5801.1	1768.6	635.4	212.6	267.7	242.6	200.2	195.1
52.5°	12014.9	12197.6	11307.1	5853.6	1778.6	605.4	205.1	262.6	237.7	200.2	187.6
55°	11737.3	11912.4	11174.5	5966.2	1631.0	475.3	160.1	190.2	215.1	175.1	167.6
57.5°	10201.3	10378.9	9711.0	5463.4	1328.4	335.2	132.5	142.5	190.2	162.6	155.1
60°	9068.2	8940.6	8150.0	4557.8	943.1	187.6	105.0	110.1	207.6	150.1	147.6
62.5°	8287.6	8015.0	6811.8	3519.7	575.3	125.1	82.6	85.0	160.1	140.1	140.1
65°	6131.3	5826.1	4525.3	2128.8	282.7	87.5	62.6	67.5	100.1	120.1	120.1
67.5°	3499.7	3382.1	2186.3	960.6	117.6	55.0	47.5	52.6	77.5	97.6	92.6
70°	1608.5	1443.4	840.5	202.6	55.0	37.5	37.5	42.6	62.6	72.6	67.5
72.5°	470.3	445.3	205.1	32.5	22.5	22.5	25.0	32.5	47.5	55.0	50.0
75°	35.0	22.5	15.0	10.0	10.0	15.0	20.0	32.5	47.5	52.6	42.6
77.5°	2.5	5.0	2.5	2.5	7.5	15.0	22.5	40.0	62.6	65.0	47.5
80°	2.5	2.5	0.0	2.5	7.5	15.0	25.0	45.0	70.1	75.0	40.0
82.5°	0.0	0.0	0.0	2.5	10.0	20.0	30.0	47.5	65.0	80.1	42.6
85°	0.0	0.0	0.0	2.5	15.0	27.5	35.0	12.5	7.5	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: P653938

CATALOG NUMBER: GLAN-SA6A-840-U-SLR-GRSBK

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0
2.5°	5378.4	5313.3	5288.3	5310.8	5303.3	5295.8	5433.4	5403.3	5398.4	5443.4	5433.4
5°	4037.6	3922.4	4237.6	4110.1	4242.7	4322.7	4337.7	4345.2	4437.8	4340.2	4467.8
7.5°	2876.8	2906.8	2904.3	2989.3	3142.0	3277.0	3357.1	3294.5	3289.6	3277.0	3222.0
10°	2299.0	2246.4	2236.4	2216.4	2263.9	2379.0	2476.6	2399.0	2344.0	2419.0	2396.5
12.5°	1878.7	1806.1	1766.1	1686.0	1688.6	1766.1	1766.1	1766.1	1821.1	1863.7	1896.2
15°	1440.9	1380.8	1380.8	1300.8	1283.3	1285.8	1325.8	1330.8	1418.3	1443.4	1455.9
17.5°	1008.1	975.6	1013.2	1045.6	1025.6	1030.6	1045.6	1050.7	1063.2	1053.2	1078.2
20°	775.5	770.4	780.4	838.1	880.5	905.6	888.0	863.0	848.1	813.0	813.0
22.5°	657.9	667.9	685.4	732.9	788.0	803.0	783.0	725.4	680.5	675.4	677.9
25°	585.3	595.3	622.9	652.9	682.9	708.0	687.9	645.4	620.4	597.9	597.9
27.5°	540.3	545.3	560.4	582.9	607.9	627.9	620.4	597.9	570.4	560.4	537.8
30°	505.3	512.8	530.3	535.3	557.8	567.8	555.3	550.4	532.9	520.3	512.8
32.5°	487.8	485.3	497.8	502.8	505.3	512.8	497.8	505.3	502.8	482.8	475.3
35°	367.8	387.7	420.2	447.7	455.3	465.3	462.8	452.8	425.3	402.8	375.3
37.5°	330.2	342.7	360.2	382.7	412.8	425.3	420.2	395.3	362.7	347.8	342.7
40°	305.2	312.7	327.7	342.7	372.7	395.3	377.8	355.2	330.2	317.7	310.2
42.5°	282.7	285.2	292.7	307.7	330.2	365.2	335.2	305.2	295.2	287.7	282.7
45°	257.7	257.7	267.7	275.2	300.2	332.7	302.7	275.2	270.1	265.2	262.6
47.5°	237.7	240.2	245.2	255.2	275.2	297.7	277.7	255.2	242.6	240.2	235.1
50°	212.6	215.1	225.1	235.1	260.1	272.7	260.1	235.1	222.6	215.1	215.1
52°	192.6	200.2	210.2	230.2	247.7	267.7	252.6	225.1	210.2	202.6	197.6
52.5°	190.2	195.1	205.1	227.7	247.7	265.2	250.2	222.6	205.1	200.2	195.1
55°	170.1	177.6	195.1	222.6	245.2	265.2	245.2	220.2	195.1	182.6	177.6
57.5°	162.6	167.6	190.2	225.1	242.6	265.2	245.2	220.2	195.1	172.6	167.6
60°	155.1	165.1	190.2	217.7	240.2	267.7	247.7	217.7	190.2	162.6	162.6
62.5°	147.6	155.1	187.6	212.6	230.2	257.7	237.7	212.6	182.6	155.1	152.6
65°	127.6	140.1	165.1	177.6	197.6	222.6	202.6	185.1	160.1	137.6	135.1
67.5°	97.6	102.6	122.6	137.6	150.1	172.6	162.6	140.1	122.6	105.0	105.0
70°	67.5	72.6	87.5	95.0	107.6	120.1	112.6	95.0	82.6	72.6	70.1
72.5°	47.5	50.0	55.0	60.0	65.0	70.1	67.5	55.0	47.5	45.0	42.6
75°	37.5	42.6	45.0	42.6	40.0	37.5	37.5	32.5	27.5	25.0	25.0
77.5°	37.5	40.0	37.5	32.5	27.5	25.0	22.5	20.0	15.0	12.5	15.0
80°	32.5	32.5	32.5	27.5	25.0	22.5	20.0	17.5	15.0	12.5	12.5
82.5°	35.0	35.0	32.5	27.5	27.5	22.5	22.5	20.0	17.5	12.5	12.5
85°	0.0	0.0	0.0	5.0	12.5	22.5	22.5	20.0	17.5	15.0	15.0
87.5°	0.0	0.0	0.0	0.0	2.5	5.0	10.0	12.5	15.0	15.0	15.0
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: P653938

CATALOG NUMBER: GLAN-SA6A-840-U-SLR-GRSBK

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0
2.5°	5523.4	5618.5	5798.6	5978.8	6088.8	6218.9	6454.0	6579.1	6741.7	6821.8	6979.4
5°	4450.2	4675.4	4755.4	4960.6	5180.7	5400.9	5751.1	6136.4	6456.5	6676.7	6961.8
7.5°	3247.0	3299.6	3609.7	3747.3	4107.5	4507.8	4985.6	5470.9	5876.2	6236.4	6454.0
10°	2434.0	2626.6	2821.7	3084.5	3374.6	3787.4	4245.1	4780.5	5305.8	5666.1	5941.2
12.5°	1956.3	2108.8	2369.0	2651.7	3009.4	3282.1	3742.4	4272.7	4953.1	5305.8	5668.5
15°	1480.9	1676.0	1971.2	2263.9	2641.7	2929.3	3394.6	4062.5	4938.1	5423.4	5736.0
17.5°	1098.2	1230.8	1496.0	1823.6	2208.9	2614.2	3242.1	4040.0	5105.7	5683.6	6006.3
20°	840.5	885.6	1053.2	1345.9	1763.6	2293.9	2994.4	4137.6	5601.0	6316.4	6644.2
22.5°	680.5	700.5	765.5	968.1	1373.4	2013.8	2876.8	4205.1	6158.8	7074.4	7512.1
25°	592.9	587.9	630.4	718.0	1073.2	1751.1	2726.7	4460.2	6841.8	7964.9	8357.7
27.5°	540.3	540.3	560.4	622.9	890.5	1581.0	2631.7	4642.9	7529.7	8747.9	8960.6
30°	512.8	517.8	575.3	595.3	740.5	1378.4	2474.1	4828.0	8187.6	9248.2	9541.0
32.5°	475.3	455.3	442.8	492.8	622.9	1195.7	2316.5	4905.6	8720.4	9861.1	10111.3
35°	365.2	355.2	370.2	407.7	535.3	1040.7	2141.4	4993.1	9333.3	10571.6	10621.6
37.5°	330.2	327.7	337.7	370.2	450.3	905.6	2016.3	4970.6	9801.1	11159.5	11024.3
40°	305.2	305.2	312.7	340.2	402.8	810.5	1886.2	4950.5	10253.9	11819.8	11424.6
42.5°	285.2	285.2	297.7	315.2	382.7	748.0	1788.6	4923.0	10634.1	12225.1	11659.8
45°	257.7	265.2	285.2	302.7	387.7	705.4	1716.1	4818.0	10764.2	12220.2	11547.2
47.5°	237.7	247.7	267.7	292.7	350.2	692.9	1666.0	4725.4	10719.2	11919.9	11194.5
50°	215.1	227.7	255.2	297.7	297.7	667.9	1613.5	4808.0	10686.7	11687.3	10856.8
52°	200.2	210.2	245.2	290.1	260.1	615.4	1581.0	4968.1	10819.2	11657.3	10706.7
52.5°	197.6	205.1	237.7	285.2	247.7	605.4	1558.5	5005.6	10861.8	11582.3	10809.2
55°	175.1	185.1	217.7	222.6	202.6	497.8	1486.0	5090.7	10651.6	11434.7	10711.6
57.5°	165.1	170.1	192.6	182.6	175.1	375.3	1278.3	4958.1	9460.9	10156.3	9966.2
60°	152.6	157.6	180.1	142.5	147.6	262.6	960.6	4305.2	7597.3	8462.7	8805.5
62.5°	147.6	145.1	170.1	115.0	125.1	190.2	677.9	3499.7	5853.6	6966.8	7559.7
65°	130.1	127.6	122.6	97.6	107.6	147.6	405.3	2283.9	4125.1	5270.8	5596.0
67.5°	100.1	105.0	90.1	77.5	90.1	115.0	225.1	1023.2	2163.8	3162.0	3424.6
70°	70.1	75.0	72.6	67.5	80.1	95.0	130.1	350.2	895.6	1661.1	1831.1
72.5°	42.6	52.6	55.0	57.5	70.1	82.6	92.6	112.6	237.7	587.9	730.5
75°	25.0	35.0	42.6	50.0	57.5	70.1	77.5	80.1	82.6	110.1	177.6
77.5°	17.5	25.0	37.5	47.5	57.5	70.1	82.6	87.5	82.6	77.5	82.6
80°	15.0	25.0	35.0	45.0	60.0	72.6	82.6	82.6	80.1	70.1	75.0
82.5°	15.0	25.0	37.5	47.5	57.5	70.1	80.1	82.6	75.0	70.1	72.6
85°	17.5	27.5	40.0	50.0	62.6	57.5	52.6	42.6	40.0	32.5	35.0
87.5°	17.5	25.0	25.0	27.5	30.0	30.0	30.0	27.5	22.5	20.0	20.0
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: P653938

CATALOG NUMBER: GLAN-SA6A-840-U-SLR-GRSBK

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0	6394.0
2.5°	6986.9	7187.0	7179.4	7184.5	7154.5	6951.8	6854.2	6606.6	6676.7	6646.7
5°	7254.6	7452.1	7622.2	7602.2	7372.1	7096.9	6689.1	6304.0	6198.8	6043.8
7.5°	6986.9	7462.1	7619.7	7597.3	7257.0	6904.3	6253.9	5868.7	5686.0	5583.5
10°	6561.6	7111.9	7307.0	7347.1	7117.0	6581.6	5983.7	5365.8	5268.3	5090.7
12.5°	6318.9	6719.2	6839.3	6946.8	6866.8	6466.5	5778.6	5185.7	5050.6	4933.1
15°	6121.3	6359.0	6409.0	6531.5	6579.1	6363.9	5886.2	5380.9	5048.2	5035.7
17.5°	6304.0	6206.3	6023.7	6061.3	6211.4	6366.5	6163.9	5766.1	5443.4	5403.3
20°	6606.6	6176.4	5763.6	5856.1	5981.2	6456.5	6584.1	6304.0	6118.8	6016.3
22.5°	6954.3	6228.9	5681.0	5726.0	5963.7	6659.1	7264.6	7109.4	6764.2	6616.7
25°	7597.3	6373.9	5746.0	5776.1	6101.3	6941.9	7879.9	7995.0	7789.8	7759.8
27.5°	8225.1	6749.2	5888.7	5821.1	6171.3	7217.0	8252.6	8870.5	8510.3	8440.3
30°	8545.3	7054.4	6101.3	5986.2	6461.5	7384.6	8477.8	9440.9	9125.7	9093.1
32.5°	9035.6	7332.1	6266.4	6118.8	6624.1	7592.2	8898.0	10063.7	9758.5	9596.0
35°	9240.7	7634.8	6629.1	6456.5	7089.4	7882.4	9113.2	10619.1	10524.0	10366.4
37.5°	9636.0	7960.0	7056.9	7046.9	7652.3	8260.1	9500.9	11374.6	11357.1	11084.4
40°	9668.6	8315.2	7732.3	8047.5	8522.8	8918.0	9841.1	11584.7	11869.9	11684.8
42.5°	9718.6	8938.1	8900.6	9160.7	9568.5	9483.4	9853.7	11634.7	12070.0	11959.9
45°	9741.1	9561.0	10088.8	10569.1	10739.1	10223.9	9736.1	11539.7	12175.1	11899.9
47.5°	9561.0	10096.3	11049.4	11977.4	12027.5	10679.2	9686.0	11442.1	12237.6	12055.0
50°	9586.0	10431.5	11879.9	12710.5	12527.8	11081.9	9608.5	11382.1	12205.1	12082.6
52°	9525.9	10439.0	11997.5	12695.4	12567.8	10859.2	9475.9	11151.9	12175.1	12262.6
52.5°	9593.5	10394.0	11874.9	12705.4	12540.3	10969.3	9458.4	11279.5	12192.6	12014.9
55°	9360.8	9858.6	11157.0	11509.7	11484.7	9956.2	8920.6	10856.8	11734.8	11737.3
57.5°	8460.3	8545.3	8750.4	8743.0	8627.9	7827.4	7629.7	9983.7	10461.5	10201.3
60°	7454.6	6256.4	5703.6	5478.4	5350.9	5220.8	6749.2	9133.2	9178.3	9068.2
62.5°	6441.5	4337.7	3602.3	3539.7	3569.7	4045.0	6524.1	8795.5	8525.3	8287.6
65°	5198.2	3162.0	2616.6	2534.1	2826.8	3339.6	5280.8	6744.2	6328.9	6131.3
67.5°	3264.5	2306.4	1768.6	1613.5	1966.3	2299.0	3469.6	4237.6	3772.4	3499.7
70°	1936.2	1288.3	800.5	718.0	808.0	1225.8	1943.7	2113.9	1748.6	1608.5
72.5°	763.0	472.8	222.6	190.2	197.6	430.3	715.4	697.9	527.8	470.3
75°	205.1	142.5	77.5	62.6	52.6	80.1	115.0	75.0	27.5	35.0
77.5°	95.0	85.0	67.5	52.6	40.0	30.0	15.0	5.0	5.0	2.5
80°	82.6	72.6	62.6	52.6	40.0	25.0	12.5	2.5	2.5	2.5
82.5°	77.5	67.5	57.5	47.5	37.5	25.0	12.5	2.5	0.0	0.0
85°	32.5	42.6	47.5	45.0	40.0	25.0	12.5	2.5	0.0	0.0
87.5°	17.5	15.0	12.5	10.0	7.5	5.0	5.0	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

(END OF REPORT)