

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: P454842

Luminaire Tested: **GLAN-SA6A-727-U-SLL-HSS**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P454842
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA6A-727-U-SLL-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 2700K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16287 lumens
Efficiency: N/A
Efficacy: 89.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G2

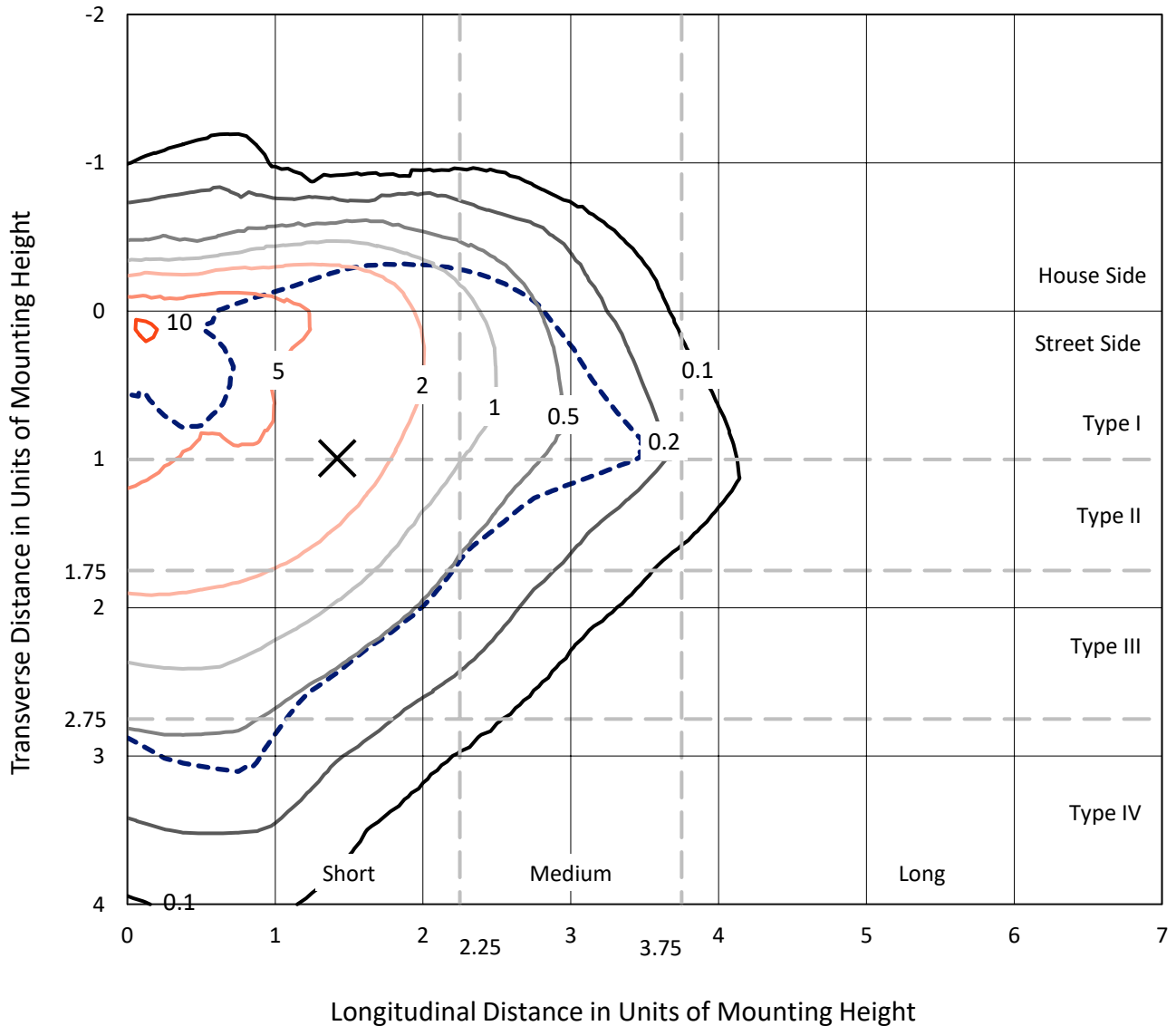
Input Watts (W): 182
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P454842
 CATALOG NUMBER: GLAN-SA6A-727-U-SLL-HSS

Iso-Footcandle Lines of Horizontal Illumination

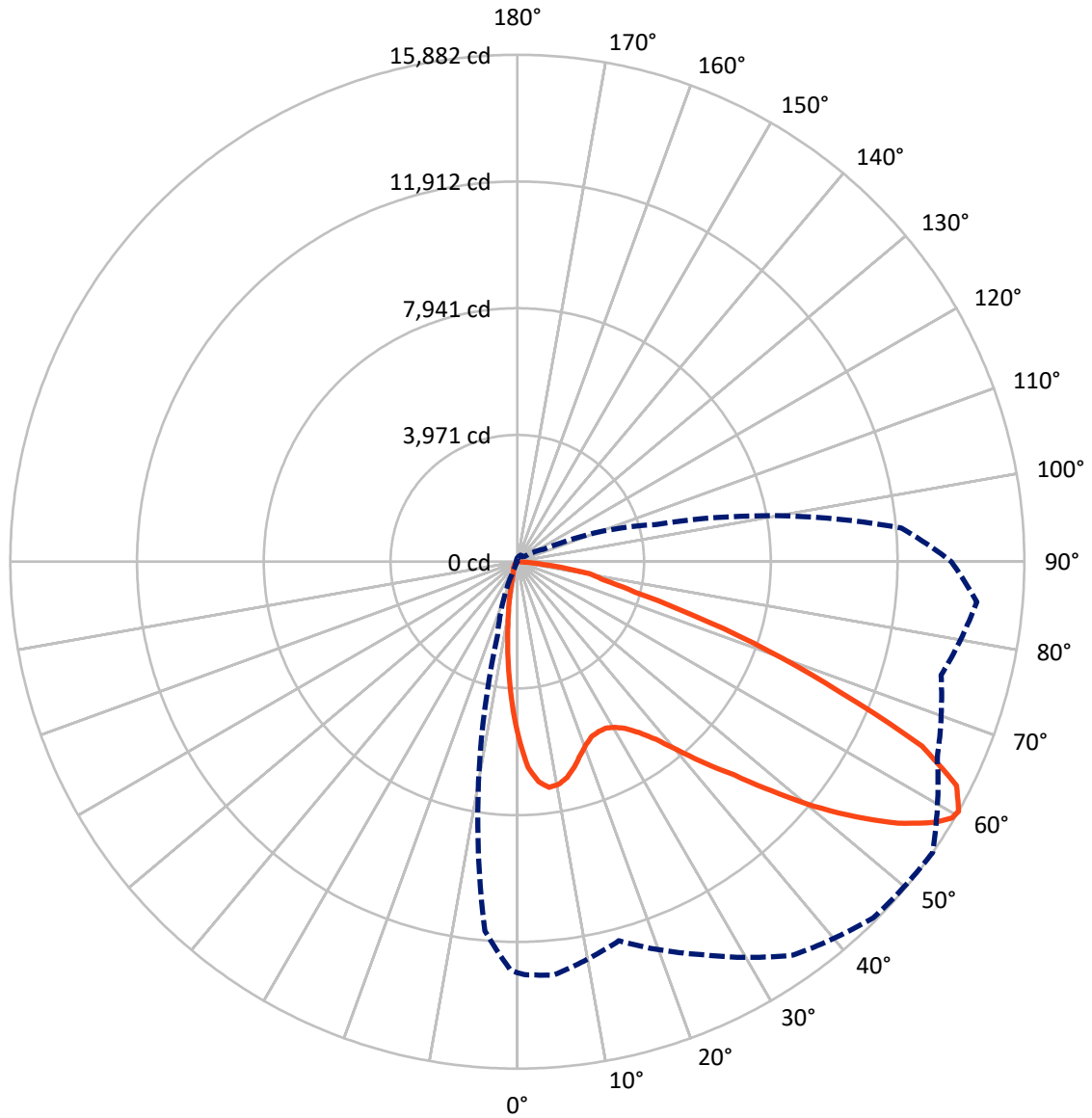
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.4 fc
 Type III - Short - N/A

REPORT NUMBER: P454842
CATALOG NUMBER: GLAN-SA6A-727-U-SLL-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P454842

CATALOG NUMBER: GLAN-SA6A-727-U-SLL-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2417.1	0.0	2417.1
	% Fixture	14.8	0.0	14.8
Street Side	Lumens	13869.9	0.0	13869.9
	% Fixture	85.2	0.0	85.2
Total	Lumens	16287.0	0.0	16287.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	408.4	2.5
10°-20°	804.2	4.9
20°-30°	1190.3	7.3
30°-40°	1774.3	10.9
40°-50°	2598.5	16.0
50°-60°	3751.4	23.0
60°-70°	3946.3	24.2
70°-80°	1623.4	10.0
80°-90°	190.1	1.2
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°	16287.0	100.0
0°-180°	16287.0	100.0

Coefficient of Utilization



REPORT NUMBER: P454842

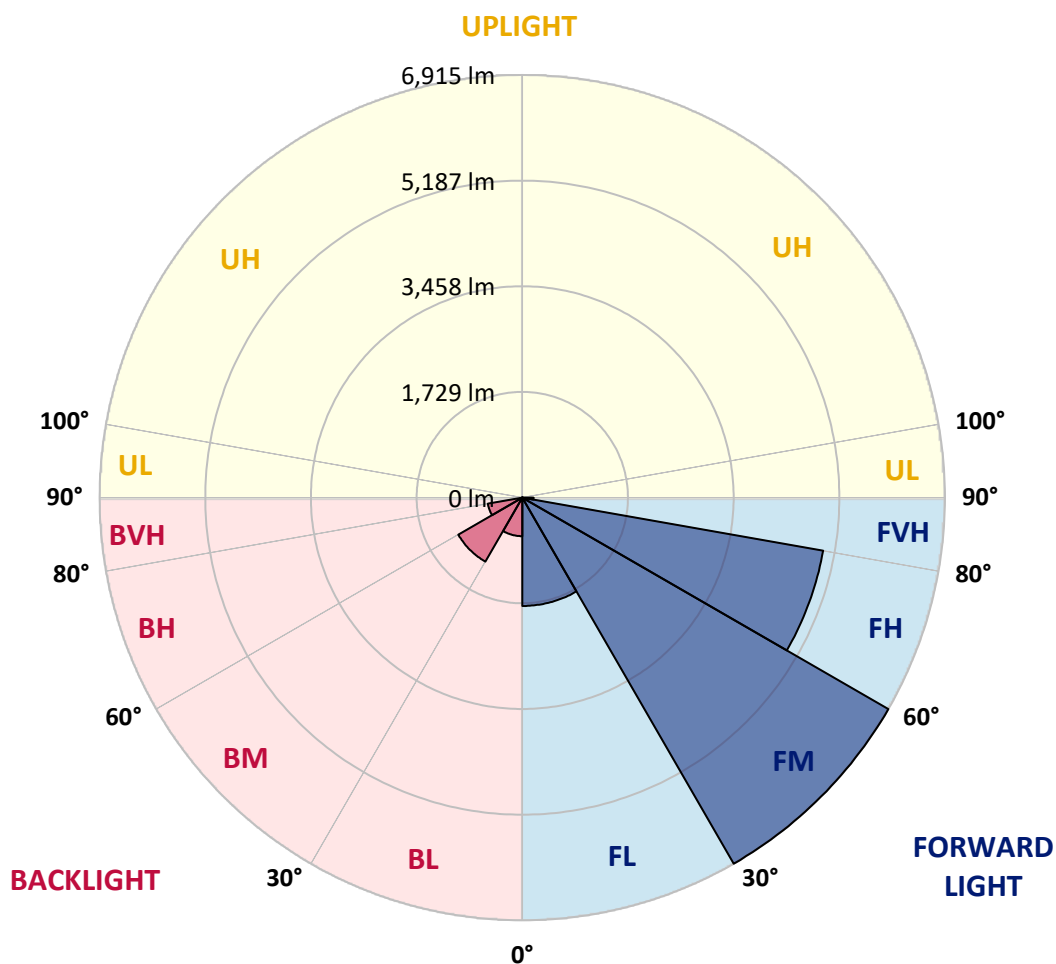
CATALOG NUMBER: GLAN-SA6A-727-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1772.3	10.9			
FM	(30°-60°)	6915.5	42.5			
FH	(60°-80°)	4997.6	30.7			G2/5000
FVH	(80°-90°)	184.5	1.1			G2/225
BL	(0°-30°)	630.6	3.9	B2/1000		
BM	(30°-60°)	1208.8	7.4	B2/2500		
BH	(60°-80°)	572.1	3.5	B2/1000		G2/1000
BVH	(80°-90°)	5.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type III Short





REPORT NUMBER: P454842

CATALOG NUMBER: GLAN-SA6A-727-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7
2.5°	6025.0	6014.9	6103.9	6249.4	6396.0	6472.5	6457.5	6451.2	6329.6	6240.6	6053.8
5°	6012.4	6063.8	6223.0	6616.7	6915.0	7059.2	7101.8	6922.6	6685.6	6342.1	5918.4
7.5°	5652.6	5716.6	5976.1	6591.6	7121.9	7435.3	7424.0	7136.9	6648.0	6116.5	5512.2
10°	5206.3	5281.6	5586.2	6333.4	7021.6	7435.3	7457.9	7094.3	6486.3	5804.3	5168.7
12.5°	4891.7	4980.7	5317.9	6092.7	6763.4	7170.8	7197.1	6933.8	6364.7	5684.0	4981.9
15°	4785.1	4869.1	5211.4	5971.1	6488.8	6708.2	6701.9	6674.3	6317.1	5712.8	4992.0
17.5°	4968.1	5037.1	5423.2	6026.2	6231.8	6209.2	6241.8	6374.7	6327.1	5954.8	5307.9
20°	5440.8	5511.0	5925.9	6195.5	6035.0	5892.1	5907.1	6129.0	6419.9	6409.8	5801.8
22.5°	6091.4	6210.5	6586.6	6523.9	6008.7	5695.3	5663.9	5952.3	6577.8	6933.8	6468.7
25°	6915.0	7035.4	7328.7	7047.9	6137.8	5648.9	5620.0	5898.3	6769.6	7445.3	7219.7
27.5°	7607.0	7698.6	7990.7	7558.2	6328.3	5668.9	5621.3	5905.9	6925.1	7880.3	7852.8
30°	8161.2	8228.8	8400.6	7796.3	6492.6	5756.7	5701.5	6016.2	6994.0	8092.2	8365.5
32.5°	8607.4	8721.5	8775.4	8050.8	6728.3	5922.2	5828.1	6228.1	7162.0	8354.2	8903.3
35°	9117.7	9249.3	9180.4	8294.0	7039.2	6180.4	6065.1	6571.5	7416.5	8596.2	9527.6
37.5°	9764.6	9916.2	9646.7	8549.8	7367.6	6569.0	6515.1	7054.2	7802.6	8942.2	10197.1
40°	10434.0	10521.7	10099.3	8860.7	7771.3	7134.4	7185.8	7771.3	8307.8	9357.1	10909.1
42.5°	10956.8	11039.5	10564.4	9121.4	8183.7	7805.1	8019.5	8636.3	8887.0	9782.1	11440.7
45°	11356.7	11426.9	10886.6	9406.0	8740.3	8776.7	9181.6	9527.6	9467.4	10041.6	11850.6
47.5°	11667.6	11727.7	11134.8	9711.9	9574.0	9965.1	10584.4	10731.1	10069.2	10322.4	12221.7
50°	11795.4	11813.0	11212.5	10101.8	10520.5	11479.5	12125.1	12036.1	10758.7	10634.6	12616.6
52.5°	11962.2	11958.4	11434.4	10472.9	11410.6	12833.4	13477.8	13276.0	11538.4	11102.2	13060.4
55°	12399.7	12404.7	11909.5	10999.4	12169.0	13926.6	14616.1	14469.4	12360.8	11892.0	13578.1
57.5°	12931.2	12950.0	12585.2	11614.9	12893.6	14718.9	15466.1	15409.7	13472.8	12770.8	14067.0
59°	13000.2	13037.8	12904.9	12048.7	13323.6	14962.1	15756.9	15812.1	14068.3	13349.9	14331.5
60°	12874.8	12937.5	12997.7	12294.4	13575.6	15049.9	15774.5	15882.3	14515.8	13743.6	14451.9
62.5°	12328.2	12427.3	12729.4	13050.3	13890.3	14776.6	15214.1	15439.7	15069.9	14777.8	14463.2
65°	11612.4	11663.8	12100.1	13184.5	13279.7	13500.4	13635.8	13925.4	14404.2	15176.5	13945.4
67.5°	10439.0	10590.7	11124.7	12406.0	11478.3	11217.5	11183.7	10895.3	12138.9	14226.2	12669.2
70°	8623.7	8691.4	9349.6	10170.7	8662.6	8261.4	8421.9	8314.1	9409.8	12246.7	10197.1
72.5°	6521.4	6674.3	7317.5	8107.2	5894.6	5374.3	5816.9	5776.7	7068.0	9842.3	7005.3
75°	4639.7	4738.7	5558.6	6344.6	4128.2	3497.6	3656.8	3806.0	4934.3	7771.3	4139.5
77.5°	3188.0	3273.2	3888.8	4195.9	3011.2	2884.6	2638.9	2783.1	3233.1	4610.9	2252.8
80°	1923.1	1919.3	2324.2	2399.5	2097.3	2435.8	2043.4	2294.1	1954.4	1973.2	872.5
82.5°	1248.6	1236.1	1421.6	1549.5	1167.1	1227.3	823.6	1187.2	1273.7	550.3	275.8
85°	559.1	582.9	683.2	901.4	511.5	272.0	168.0	364.8	542.8	277.1	0.0
87.5°	57.7	45.1	120.3	219.4	70.2	7.5	25.1	12.5	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: P454842

CATALOG NUMBER: GLAN-SA6A-727-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7
2.5°	5967.3	5894.6	5677.7	5474.6	5300.4	5087.2	4949.3	4732.5	4600.8	4560.7	4567.0
5°	5727.9	5518.5	5106.0	4776.3	4409.0	4199.7	3881.2	3575.4	3409.9	3348.5	3320.9
7.5°	5226.4	5002.0	4504.3	3986.6	3592.9	3225.6	2988.7	2719.1	2534.8	2383.2	2356.8
10°	4854.1	4559.5	3942.7	3386.1	3075.2	2799.4	2562.4	2292.9	2076.0	1903.0	1855.4
12.5°	4630.9	4301.2	3613.0	3146.6	2852.0	2568.7	2260.3	1948.1	1726.3	1539.5	1453.0
15°	4590.8	4208.4	3520.2	2974.9	2611.3	2269.1	1859.1	1521.9	1293.7	1117.0	1063.1
17.5°	4832.8	4375.2	3506.4	2795.6	2296.7	1811.5	1385.3	1105.7	848.7	749.7	710.8
20°	5264.0	4669.8	3505.2	2587.5	1973.2	1395.3	972.8	720.8	616.8	569.1	546.6
22.5°	5852.0	5070.9	3571.6	2408.2	1637.2	1029.2	694.5	574.2	514.0	475.1	466.4
25°	6570.3	5665.2	3734.6	2286.6	1380.3	807.3	572.9	491.4	441.3	423.7	416.2
27.5°	7208.4	6234.3	3913.8	2161.3	1196.0	714.6	531.5	450.1	409.9	396.1	384.9
30°	7758.7	6750.8	4000.3	1995.8	1048.0	654.4	539.1	481.4	428.7	387.4	368.6
32.5°	8217.6	7147.0	4056.8	1845.3	922.7	535.3	426.2	372.3	348.5	333.5	320.9
35°	8791.7	7575.7	4022.9	1760.1	858.7	487.7	388.6	320.9	280.8	250.7	238.2
37.5°	9393.5	8004.4	3964.0	1689.9	829.9	452.6	369.8	304.6	260.8	229.4	213.1
40°	10016.5	8401.9	3895.0	1624.7	803.6	430.0	358.5	290.8	247.0	213.1	195.6
42.5°	10586.9	8789.2	3867.5	1582.1	761.0	433.8	349.8	284.6	233.2	198.1	183.0
45°	11048.3	9156.5	3905.1	1559.5	714.6	427.5	352.3	277.1	221.9	188.0	173.0
47.5°	11540.9	9675.5	4026.7	1537.0	669.4	397.4	371.1	275.8	216.9	181.8	165.5
50°	12113.9	10340.0	4305.0	1481.8	614.3	364.8	394.9	274.5	210.6	174.3	158.0
52.5°	12877.3	11094.7	4592.1	1385.3	534.0	333.5	377.3	270.8	198.1	165.5	149.2
55°	13563.1	11889.5	4835.3	1271.2	432.5	288.3	339.7	254.5	176.8	150.4	135.4
57.5°	13846.4	12338.3	4827.7	1113.2	346.0	253.2	279.6	233.2	154.2	132.9	120.3
59°	13742.3	12281.8	4666.0	996.6	315.9	234.4	231.9	230.7	144.2	120.3	110.3
60°	13595.7	12076.3	4491.8	939.0	297.1	221.9	213.1	228.2	135.4	112.8	102.8
62.5°	13034.0	11223.8	3913.8	841.2	272.0	188.0	170.5	193.1	120.3	97.8	89.0
65°	12220.4	9913.7	3313.4	813.6	264.5	155.5	141.7	137.9	102.8	82.7	75.2
67.5°	10633.3	8389.3	2684.0	794.8	267.0	130.4	124.1	104.1	85.2	68.9	63.9
70°	8513.4	6541.5	2197.6	773.5	269.5	106.6	104.1	82.7	68.9	57.7	52.7
72.5°	5172.5	3877.5	1730.0	671.9	262.0	85.2	92.8	62.7	50.1	41.4	38.9
75°	3198.0	2653.9	1073.1	522.8	173.0	62.7	65.2	38.9	33.8	26.3	26.3
77.5°	1852.9	1676.1	383.6	188.0	76.5	37.6	28.8	20.1	18.8	11.3	11.3
80°	768.5	615.5	132.9	63.9	41.4	17.6	6.3	1.3	0.0	0.0	0.0
82.5°	224.4	199.3	36.4	28.8	12.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P454842

CATALOG NUMBER: GLAN-SA6A-727-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7
2.5°	4460.4	4419.1	4400.3	4464.2	4405.3	4480.5	4422.8	4447.9	4521.9	4554.4	4638.4
5°	3338.4	3295.8	3275.7	3372.3	3367.3	3414.9	3409.9	3453.8	3491.4	3407.4	3493.9
7.5°	2325.5	2296.7	2344.3	2419.5	2499.7	2473.4	2473.4	2414.5	2434.6	2422.0	2418.3
10°	1768.9	1669.8	1644.8	1642.3	1672.3	1678.6	1644.8	1563.3	1593.4	1602.1	1654.8
12.5°	1391.5	1315.1	1198.5	1145.8	1132.0	1143.3	1031.7	960.3	994.1	974.1	1025.5
15°	997.9	935.2	866.3	807.3	791.0	768.5	646.9	561.6	551.6	555.4	564.1
17.5°	712.1	669.4	669.4	606.8	572.9	505.2	443.8	406.2	402.4	406.2	412.4
20°	525.3	502.7	500.2	483.9	446.3	401.2	358.5	351.0	348.5	354.8	357.3
22.5°	452.6	428.7	408.7	407.4	372.3	334.7	314.7	304.6	305.9	308.4	314.7
25°	404.9	379.9	358.5	346.0	320.9	294.6	275.8	270.8	270.8	274.5	275.8
27.5°	371.1	339.7	320.9	303.4	280.8	258.2	242.0	238.2	235.7	238.2	244.5
30°	347.3	315.9	292.1	265.8	248.2	226.9	213.1	208.1	206.8	208.1	213.1
32.5°	297.1	278.3	259.5	235.7	214.4	200.6	185.5	176.8	176.8	179.3	184.3
35°	224.4	214.4	213.1	206.8	189.3	174.3	156.7	147.9	147.9	152.9	155.5
37.5°	198.1	179.3	176.8	174.3	166.7	146.7	130.4	122.9	121.6	125.4	130.4
40°	180.5	159.2	147.9	145.4	146.7	124.1	106.6	99.0	99.0	100.3	105.3
42.5°	166.7	141.7	121.6	119.1	124.1	104.1	86.5	79.0	79.0	79.0	85.2
45°	155.5	126.6	102.8	90.3	97.8	85.2	70.2	62.7	60.2	62.7	65.2
47.5°	147.9	115.3	90.3	72.7	72.7	67.7	56.4	47.6	45.1	46.4	50.1
50°	141.7	105.3	76.5	58.9	52.7	53.9	42.6	36.4	33.8	33.8	37.6
52.5°	131.6	95.3	66.4	50.1	40.1	36.4	31.3	26.3	25.1	26.3	28.8
55°	119.1	86.5	57.7	41.4	31.3	25.1	22.6	18.8	17.6	18.8	22.6
57.5°	105.3	72.7	46.4	32.6	21.3	16.3	15.0	12.5	10.0	11.3	13.8
59°	96.5	65.2	40.1	26.3	16.3	11.3	11.3	8.8	6.3	7.5	11.3
60°	92.8	60.2	33.8	22.6	13.8	8.8	8.8	6.3	3.8	5.0	8.8
62.5°	79.0	50.1	26.3	13.8	6.3	1.3	3.8	1.3	0.0	1.3	3.8
65°	66.4	40.1	17.6	6.3	0.0	0.0	0.0	0.0	0.0	0.0	1.3
67.5°	55.2	30.1	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	43.9	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	30.1	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	18.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P454842

CATALOG NUMBER: GLAN-SA6A-727-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7	5514.7
2.5°	4643.5	4822.7	4933.0	5141.2	5354.3	5518.5	5724.1	5908.4	5984.8	6025.0
5°	3581.6	3831.1	4043.0	4360.1	4654.7	5013.3	5376.8	5805.6	5969.8	6012.4
7.5°	2513.5	2768.0	2989.9	3357.2	3777.2	4257.3	4801.4	5345.5	5584.9	5652.6
10°	1815.3	2087.3	2358.1	2725.4	3117.8	3638.0	4204.7	4877.9	5153.7	5206.3
12.5°	1145.8	1437.9	1877.9	2331.8	2746.7	3165.4	3758.4	4490.5	4795.1	4891.7
15°	664.4	882.6	1214.8	1806.5	2334.3	2888.4	3535.2	4345.1	4686.1	4785.1
17.5°	445.0	520.3	748.4	1201.0	1898.0	2632.6	3478.8	4464.2	4841.5	4968.1
20°	374.8	408.7	488.9	732.1	1461.7	2404.5	3493.9	4787.6	5282.8	5440.8
22.5°	329.7	361.0	412.4	526.5	1020.5	2121.1	3565.3	5250.2	5889.6	6091.4
25°	290.8	322.2	367.3	436.3	685.7	1793.9	3722.0	5927.2	6693.1	6915.0
27.5°	258.2	287.1	325.9	384.9	527.8	1429.1	3861.2	6586.6	7426.5	7607.0
30°	228.2	252.0	289.6	334.7	438.8	1101.9	3931.4	7163.3	7960.6	8161.2
32.5°	198.1	220.6	257.0	293.4	361.0	839.9	3882.5	7587.0	8479.6	8607.4
35°	169.2	193.1	223.1	257.0	312.2	678.2	3638.0	8063.4	9017.4	9117.7
37.5°	145.4	165.5	196.8	223.1	282.1	542.8	3342.2	8492.1	9620.4	9764.6
40°	122.9	142.9	174.3	198.1	259.5	427.5	3075.2	8968.5	10256.0	10434.0
42.5°	100.3	124.1	151.7	190.6	223.1	325.9	2751.7	9354.6	10733.6	10956.8
45°	80.2	106.6	136.6	189.3	194.3	248.2	2439.6	9655.5	11156.1	11356.7
47.5°	63.9	90.3	131.6	176.8	159.2	196.8	2261.6	9970.1	11507.1	11667.6
50°	51.4	75.2	137.9	155.5	132.9	166.7	2256.5	10321.2	11688.9	11795.4
52.5°	41.4	61.4	116.6	119.1	112.8	146.7	2391.9	10716.1	11874.4	11962.2
55°	35.1	51.4	76.5	87.8	101.5	132.9	2493.5	11324.1	12316.9	12399.7
57.5°	27.6	43.9	58.9	70.2	90.3	121.6	2507.3	11792.9	12877.3	12931.2
59°	23.8	37.6	52.7	62.7	82.7	114.1	2450.9	11821.8	12913.7	13000.2
60°	20.1	33.8	46.4	58.9	76.5	107.8	2389.4	11612.4	12778.3	12874.8
62.5°	15.0	26.3	33.8	47.6	62.7	92.8	2098.6	10881.5	12260.5	12328.2
65°	10.0	18.8	25.1	35.1	48.9	80.2	1710.0	9933.8	11460.7	11612.4
67.5°	6.3	13.8	20.1	26.3	40.1	67.7	1218.5	8518.4	10341.2	10439.0
70°	3.8	8.8	15.0	21.3	31.3	53.9	723.3	6733.3	8603.7	8623.7
72.5°	2.5	6.3	10.0	15.0	25.1	48.9	351.0	4389.0	6282.0	6521.4
75°	1.3	3.8	6.3	11.3	20.1	40.1	168.0	2932.2	4570.7	4639.7
77.5°	0.0	1.3	3.8	7.5	15.0	31.3	97.8	1925.6	3116.5	3188.0
80°	0.0	0.0	2.5	6.3	11.3	20.1	58.9	1135.8	1888.0	1923.1
82.5°	0.0	0.0	1.3	5.0	7.5	15.0	30.1	498.9	1236.1	1248.6
85°	0.0	0.0	1.3	5.0	6.3	10.0	11.3	67.7	549.1	559.1
87.5°	0.0	0.0	1.3	6.3	6.3	6.3	6.3	3.8	46.4	57.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)