

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: P324430

Luminaire Tested: **GAN-SA6A-730-U-SLR-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P324430
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-28)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-SA6A-730-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 3000K, 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: 18816 lumens
Efficiency: N/A
Efficacy: 97.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G3

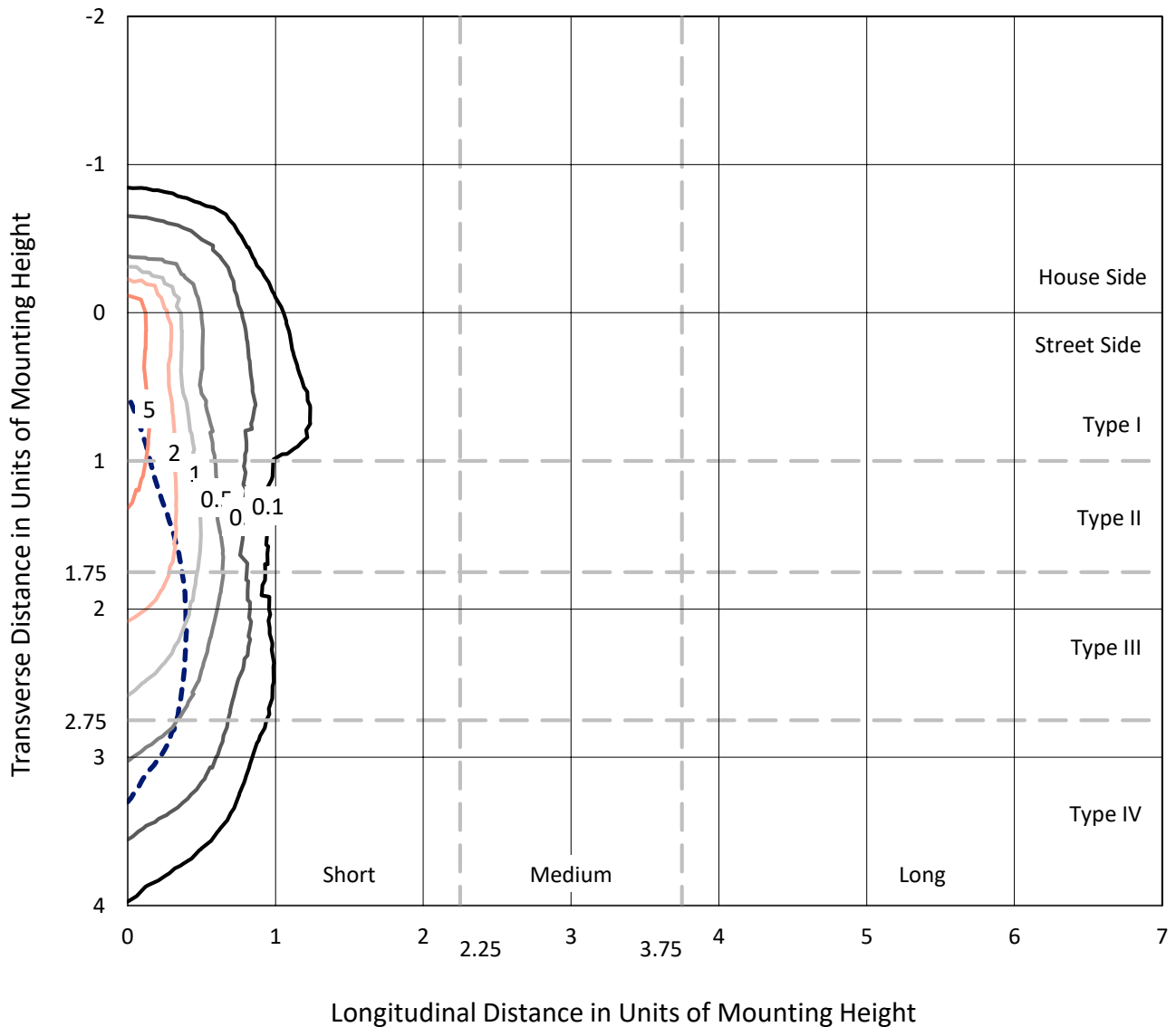
Input Watts (W): 193
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P324430
 CATALOG NUMBER: GAN-SA6A-730-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

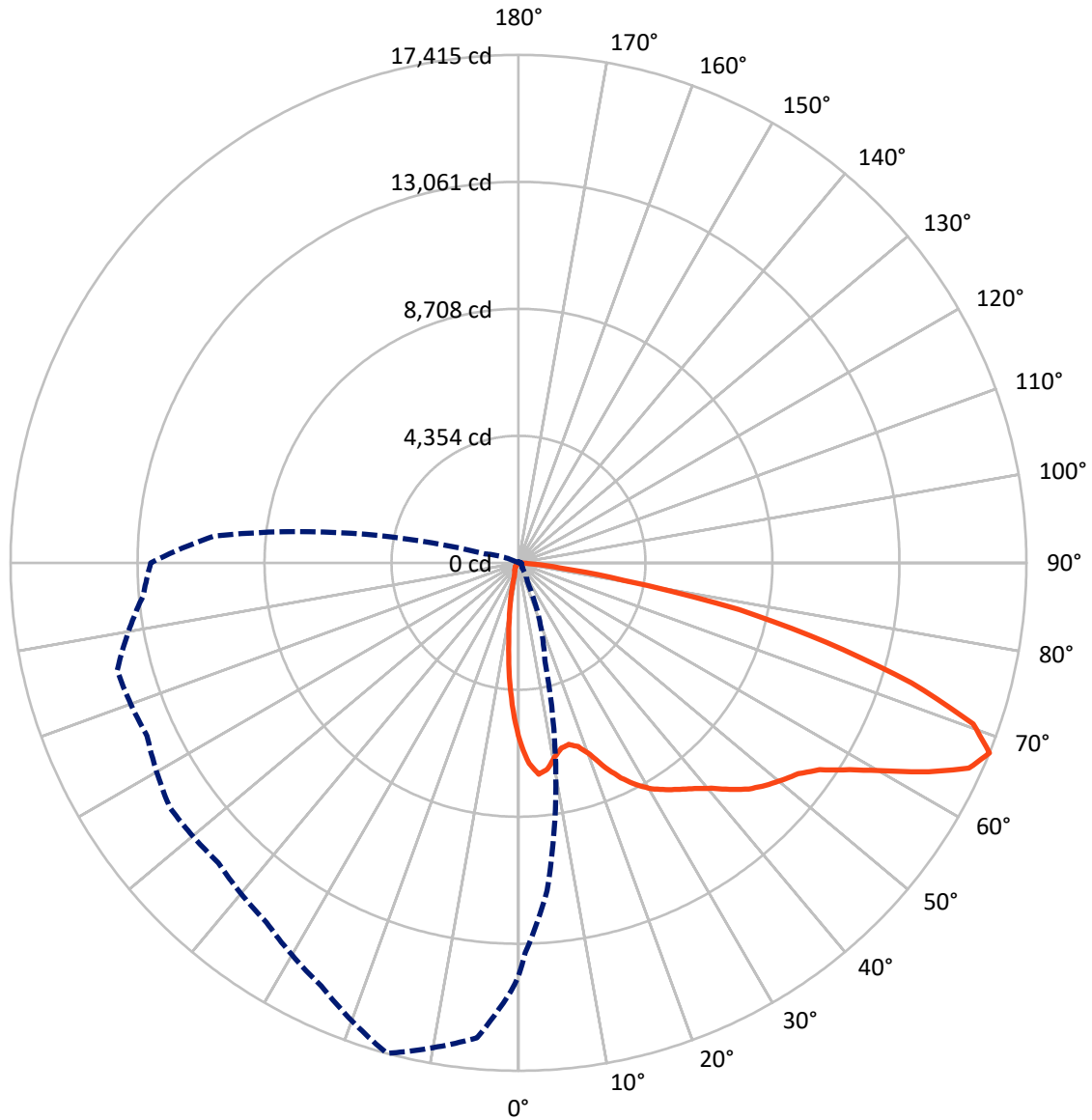
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.8 fc
 Type IV - Medium - N/A

REPORT NUMBER: P324430
CATALOG NUMBER: GAN-SAGA-730-U-SLR-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P324430
 CATALOG NUMBER: GAN-SAGA-730-U-SLR-HSS

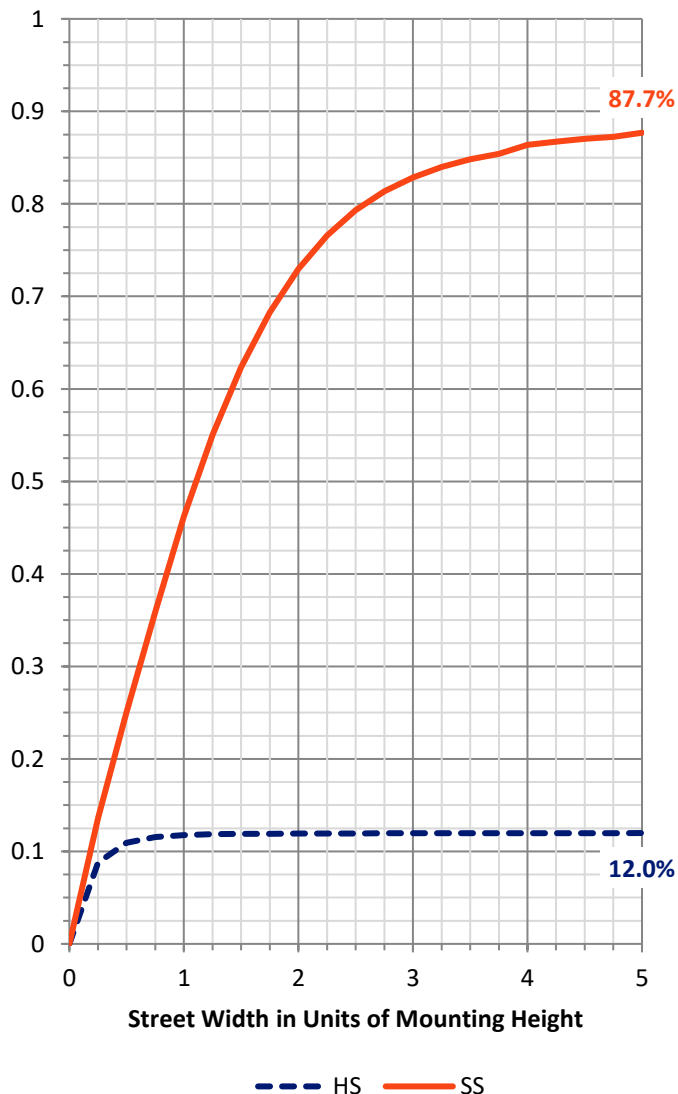
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2277.4	0.0	2277.4
	% Fixture	12.1	0.0	12.1
Street Side	Lumens	16538.6	0.0	16538.6
	% Fixture	87.9	0.0	87.9
Total	Lumens	18816.0	0.0	18816.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	470.4	2.5
10°-20°	936.4	5.0
20°-30°	1329.6	7.1
30°-40°	1963.9	10.4
40°-50°	2832.4	15.1
50°-60°	3976.1	21.1
60°-70°	4635.0	24.6
70°-80°	2369.5	12.6
80°-90°	302.6	1.6
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°	18816.0	100.0
0°-180°	18816.0	100.0

Coefficient of Utilization

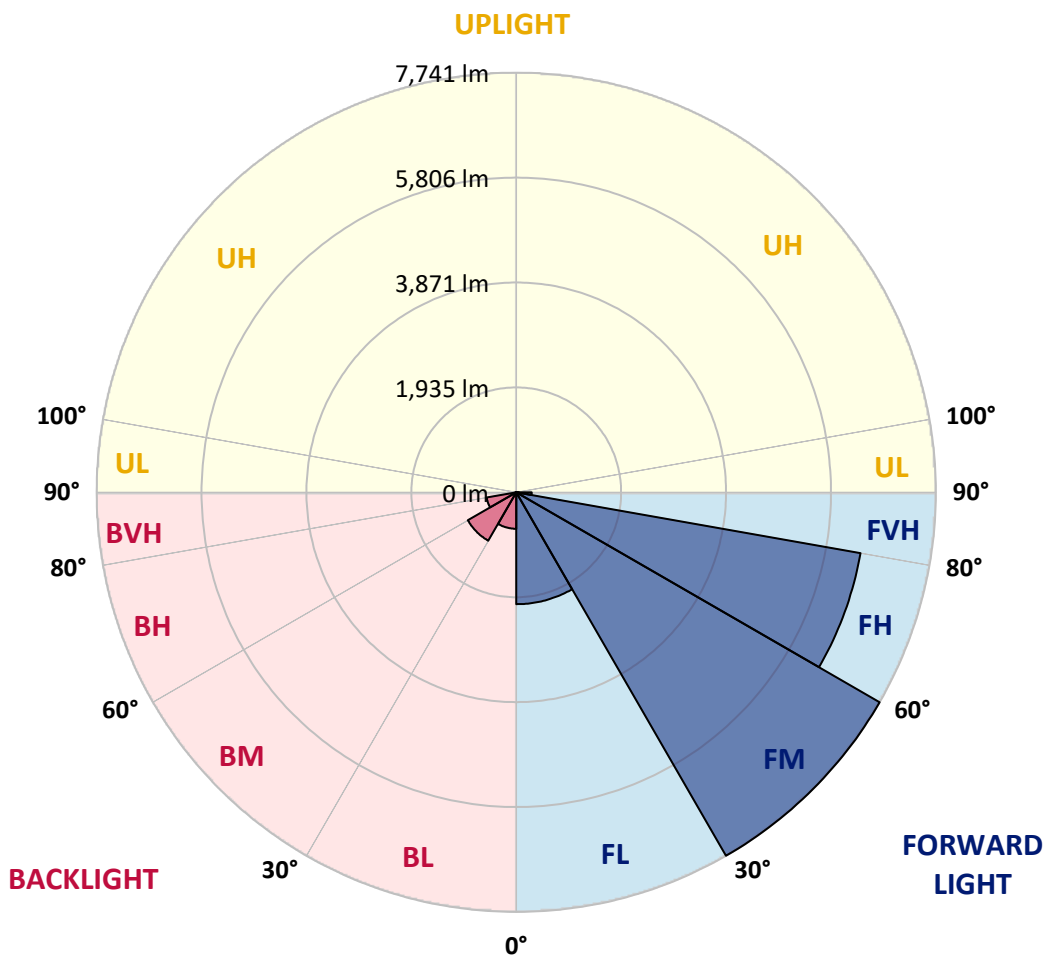


REPORT NUMBER: P324430
 CATALOG NUMBER: GAN-SA6A-730-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2063.7	11.0			
FM (30°-60°)	7741.2	41.1			
FH (60°-80°)	6449.5	34.3			G3/7500
FVH (80°-90°)	284.2	1.5			G3/500
BL (0°-30°)	672.6	3.6	B2/1000		
BM (30°-60°)	1031.3	5.5	B2/2500		
BH (60°-80°)	555.1	2.9	B2/1000		G2/1000
BVH (80°-90°)	18.4	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 Medium





REPORT NUMBER: P324430

CATALOG NUMBER: GAN-SA6A-730-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3
2.5°	6711.4	6659.7	6602.6	6416.3	6243.4	6045.5	5884.1	5771.8	5631.0	5448.2	5401.9
5°	6663.2	6608.0	6428.8	6014.3	5651.5	5298.5	4958.0	4758.3	4510.5	4259.1	4196.7
7.5°	6179.2	6121.3	5862.7	5294.9	4806.4	4296.6	3854.4	3580.8	3300.9	3070.9	2948.8
10°	5675.6	5612.3	5321.7	4632.6	4030.9	3570.1	3245.6	2984.4	2719.7	2473.6	2277.5
12.5°	5328.8	5245.9	4930.3	4149.5	3625.3	3312.4	3009.4	2696.5	2338.1	2074.3	1858.6
15°	5183.5	5089.0	4755.6	3963.2	3481.8	3114.6	2719.7	2335.5	1915.6	1613.4	1415.5
17.5°	5295.8	5172.8	4815.4	3950.7	3301.8	2801.7	2302.5	1851.4	1395.9	1090.2	949.3
20°	5677.3	5516.0	5062.3	3947.1	3083.4	2430.0	1797.1	1287.2	919.9	739.9	665.9
22.5°	6278.1	6065.1	5417.0	3975.7	2857.8	2039.5	1297.9	874.5	690.8	597.2	553.6
25°	7003.7	6756.8	5927.8	4076.4	2659.9	1659.8	943.1	690.8	583.0	514.3	477.8
27.5°	7693.7	7493.1	6573.2	4221.7	2506.6	1353.1	765.7	585.7	498.3	452.8	423.4
30°	8382.7	8130.5	7235.5	4394.6	2322.1	1145.5	673.0	533.9	446.6	398.5	379.7
32.5°	8883.7	8674.2	7754.3	4519.4	2125.1	1010.0	601.7	488.5	417.2	368.1	340.5
35°	9472.9	9235.8	8199.1	4547.0	1998.5	924.4	541.1	439.5	361.9	318.2	288.8
37.5°	10109.4	9814.3	8712.6	4486.4	1899.6	882.5	495.6	417.2	337.8	293.3	262.1
40°	10813.6	10480.2	9205.5	4399.1	1802.4	868.2	460.9	400.2	319.1	273.7	241.6
42.5°	11555.2	11162.1	9632.5	4307.3	1740.9	819.2	457.3	383.3	304.9	255.8	223.7
45°	12178.3	11779.9	10071.1	4276.9	1697.2	765.7	472.4	371.7	295.1	241.6	210.4
47.5°	12674.8	12297.8	10520.3	4344.7	1672.3	716.7	430.5	386.9	289.7	229.1	198.8
50°	13267.6	12840.6	11153.2	4547.0	1635.7	667.7	389.5	443.0	289.7	221.1	189.0
52.5°	14011.0	13588.5	11859.2	4860.8	1562.6	599.9	350.3	443.9	292.4	210.4	176.5
55°	14946.1	14639.5	12867.4	5204.9	1445.9	500.1	303.1	381.5	281.7	190.8	164.9
57.5°	15842.9	15592.4	13786.4	5440.2	1289.9	390.4	263.9	307.5	257.6	167.6	147.1
59°	16088.0	15814.4	14123.4	5450.9	1173.1	340.5	244.2	254.0	252.3	156.9	136.4
60°	16088.0	15797.4	14220.5	5393.9	1088.4	312.9	231.8	226.4	263.0	149.8	130.1
62.5°	15796.5	15388.3	13905.0	5007.9	887.8	266.5	202.3	187.2	236.2	134.6	115.0
65°	15190.4	14595.8	12829.9	4309.9	791.6	244.2	174.7	153.3	164.0	118.6	100.7
67.5°	14179.5	13373.7	11279.8	3481.8	753.2	238.0	150.6	130.1	123.9	101.6	88.2
70°	12399.4	11505.3	9398.0	2737.5	720.3	235.3	126.6	109.6	99.8	85.6	74.9
72.5°	9024.5	8092.1	6672.1	2140.3	700.6	240.7	101.6	91.8	82.0	66.9	57.9
75°	5162.1	4551.5	3750.1	1413.8	597.2	230.0	78.4	76.7	58.8	48.1	40.1
77.5°	2667.1	2586.0	2247.2	542.9	286.1	100.7	51.7	44.6	34.8	29.4	24.1
80°	1150.8	1138.3	985.0	156.9	75.8	56.2	29.4	18.7	16.0	12.5	9.8
82.5°	397.6	397.6	350.3	52.6	33.9	27.6	3.6	0.0	0.0	0.0	0.0
85°	80.2	90.0	63.3	0.0	11.6	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: P324430
 CATALOG NUMBER: GAN-SA6A-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3
2.5°	5345.7	5237.9	5230.7	5163.0	5078.3	5040.0	5017.7	5056.9	5105.1	5110.4	5182.6
5°	4149.5	4036.3	4083.5	3963.2	3987.2	3963.2	3923.9	3931.1	3952.5	3885.6	3968.5
7.5°	2914.0	2828.4	2882.8	2850.7	2893.5	2910.4	2886.4	2850.7	2745.5	2733.0	2805.2
10°	2196.4	2099.3	2041.3	1980.7	1994.1	2021.7	2012.8	1986.9	1920.1	1923.6	1993.2
12.5°	1765.0	1656.2	1541.2	1392.4	1355.8	1376.3	1355.8	1340.7	1276.5	1281.8	1343.3
15°	1338.9	1249.7	1129.4	1010.0	944.9	951.1	894.1	854.0	813.8	765.7	803.2
17.5°	903.9	849.5	813.8	778.2	700.6	682.8	610.6	533.1	502.8	480.5	496.5
20°	640.0	610.6	596.3	594.6	550.0	527.7	457.3	409.2	394.0	389.5	399.3
22.5°	534.8	513.4	492.9	481.4	459.1	433.2	379.7	355.7	345.0	339.6	346.8
25°	465.3	449.3	427.9	408.3	399.3	371.7	333.4	315.6	308.4	303.1	306.6
27.5°	413.6	399.3	374.4	361.9	354.8	330.7	297.7	283.5	277.2	275.4	274.6
30°	372.6	359.2	336.1	321.8	309.3	287.9	268.3	254.0	247.8	246.0	244.2
32.5°	331.6	320.9	305.8	291.5	278.1	258.5	241.6	230.0	220.2	218.4	217.5
35°	279.9	269.2	261.2	260.3	247.8	229.1	216.6	201.5	193.4	190.8	191.7
37.5°	248.7	234.4	216.6	222.9	219.3	205.9	189.0	173.8	165.8	164.0	164.0
40°	229.1	213.9	193.4	182.7	193.4	190.8	164.0	148.9	140.8	140.0	138.2
42.5°	210.4	195.2	172.0	154.2	159.6	167.6	141.7	127.5	119.4	117.7	115.0
45°	197.0	181.0	155.1	134.6	123.9	140.8	121.2	103.4	98.9	95.4	93.6
47.5°	184.5	169.4	140.0	116.8	98.9	101.6	97.2	84.7	79.3	75.8	74.9
50°	173.8	157.8	126.6	99.8	82.0	74.9	78.4	66.9	62.4	58.8	57.0
52.5°	161.3	146.2	112.3	86.5	68.6	58.8	59.7	52.6	48.1	45.5	44.6
55°	151.5	136.4	100.7	75.8	60.6	48.1	42.8	41.0	38.3	36.5	35.7
57.5°	138.2	123.9	89.1	64.2	51.7	39.2	33.0	33.0	32.1	30.3	29.4
59°	130.1	117.7	82.0	57.9	47.2	33.9	29.4	30.3	29.4	27.6	26.7
60°	123.9	112.3	76.7	53.5	44.6	31.2	26.7	28.5	27.6	25.9	25.0
62.5°	109.6	101.6	66.0	44.6	39.2	25.0	22.3	24.1	24.1	23.2	22.3
65°	96.3	87.4	56.2	37.4	36.5	21.4	17.8	21.4	22.3	20.5	18.7
67.5°	83.8	74.9	49.0	30.3	33.9	16.9	13.4	17.8	24.1	18.7	16.9
70°	71.3	62.4	38.3	24.1	35.7	11.6	10.7	16.0	28.5	20.5	16.0
72.5°	55.3	48.1	26.7	17.8	38.3	8.0	8.0	13.4	32.1	22.3	15.2
75°	38.3	31.2	16.0	10.7	31.2	5.3	5.3	12.5	30.3	20.5	14.3
77.5°	22.3	16.9	5.3	0.9	16.0	0.0	0.9	8.9	21.4	12.5	6.2
80°	8.0	3.6	0.0	0.0	9.8	0.0	0.0	0.0	1.8	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: P324430
 CATALOG NUMBER: GAN-SAGA-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3
2.5°	5201.3	5321.7	5429.5	5592.7	5786.1	6008.9	6200.6	6406.5	6599.9	6680.2	6735.4
5°	3985.5	4134.3	4308.1	4547.9	4867.1	5260.2	5628.3	6044.6	6492.1	6715.8	6926.2
7.5°	2817.7	2969.3	3185.0	3439.9	3825.9	4293.9	4775.2	5350.2	5956.3	6310.2	6658.8
10°	2026.2	2212.5	2413.9	2762.5	3154.7	3598.6	4094.2	4736.0	5411.7	5803.9	6223.8
12.5°	1379.0	1591.2	1896.0	2286.4	2747.3	3182.3	3612.9	4225.2	5009.7	5398.3	5848.5
15°	827.2	944.9	1267.6	1719.5	2284.7	2826.6	3298.2	3912.4	4748.5	5224.5	5692.5
17.5°	509.9	564.3	739.9	1110.7	1704.4	2389.8	3036.1	3806.3	4785.9	5365.3	5866.3
20°	406.5	427.9	484.0	656.1	1129.4	1908.5	2741.1	3784.9	5091.7	5804.8	6342.3
22.5°	353.0	373.5	410.9	476.9	710.4	1428.9	2461.2	3804.5	5530.3	6463.6	7091.1
25°	311.1	328.9	364.6	419.0	520.6	1006.4	2161.6	3891.9	6101.6	7281.0	7947.7
27.5°	278.1	293.3	326.3	376.2	446.6	702.4	1822.0	3997.9	6779.1	8117.1	8775.0
30°	247.8	261.2	290.6	336.9	387.8	540.2	1449.4	4070.1	7457.5	8775.0	9366.0
32.5°	222.0	231.8	258.5	297.7	336.9	430.5	1101.8	4058.6	7961.1	9322.3	9791.2
35°	195.2	205.0	228.2	262.1	293.3	355.7	866.4	3841.9	8399.7	9890.1	10277.9
37.5°	165.8	178.3	200.6	230.9	252.3	312.9	700.6	3580.8	8844.5	10539.0	10820.7
40°	140.8	153.3	172.9	205.9	219.3	296.8	538.4	3262.5	9344.6	11264.6	11416.2
42.5°	116.8	128.4	148.9	177.4	206.8	255.8	398.5	2898.8	9825.0	11885.1	11959.0
45°	94.5	106.1	127.5	156.0	221.1	212.2	308.4	2509.3	10212.8	12401.2	12425.2
47.5°	74.9	85.6	107.9	147.1	205.9	169.4	220.2	2203.5	10538.1	12804.1	12740.8
50°	57.9	66.9	90.0	168.5	180.1	140.0	166.7	2101.9	10829.6	13053.7	12889.7
52.5°	45.5	53.5	74.0	157.8	140.0	115.9	140.0	2197.3	11229.0	13260.5	12973.5
55°	36.5	44.6	57.9	90.0	95.4	98.1	119.4	2286.4	11918.0	13745.4	13468.2
57.5°	30.3	38.3	47.2	63.3	72.2	82.9	106.1	2296.3	12730.1	14551.2	14289.2
59°	27.6	34.8	42.8	56.2	63.3	75.8	99.8	2242.8	13016.2	14844.5	14713.5
60°	25.9	33.0	40.1	51.7	58.8	71.3	96.3	2192.0	13028.7	14833.8	14894.4
62.5°	22.3	29.4	35.7	43.7	49.9	60.6	86.5	2003.9	12501.0	14348.0	14785.7
65°	19.6	25.9	32.1	37.4	42.8	54.4	78.4	1660.7	11599.8	13564.5	14041.4
67.5°	17.8	22.3	29.4	33.0	38.3	48.1	69.5	1183.8	10474.0	12606.2	12915.5
70°	16.0	21.4	26.7	30.3	34.8	41.9	59.7	680.1	8844.5	11203.1	11423.3
72.5°	15.2	20.5	24.1	28.5	31.2	37.4	54.4	320.0	6476.0	8974.6	9549.6
75°	13.4	18.7	22.3	26.7	29.4	33.9	46.4	153.3	4307.3	6494.8	7148.1
77.5°	8.0	15.2	20.5	24.1	25.9	29.4	38.3	88.2	2749.1	4495.3	5294.9
80°	0.0	5.3	15.2	20.5	22.3	25.0	29.4	69.5	1470.8	2568.1	3082.5
82.5°	0.0	0.0	10.7	16.0	15.2	16.9	22.3	43.7	663.2	1678.5	1891.6
85°	0.0	0.0	3.6	12.5	10.7	8.0	15.2	15.2	145.3	849.5	1059.9
87.5°	0.0	0.0	0.0	0.9	5.3	3.6	6.2	1.8	0.9	63.3	256.7
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: P324430
 CATALOG NUMBER: GAN-SA6A-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3	6129.3
2.5°	6928.9	6994.8	7106.3	7158.8	7133.0	7023.4	6892.3	6758.6	6680.2	6711.4
5°	7355.0	7694.6	7890.7	7955.8	7847.0	7601.0	7279.2	6854.9	6704.2	6663.2
7.5°	7355.0	7994.1	8398.8	8470.1	8227.6	7745.4	7141.9	6479.6	6259.4	6179.2
10°	7096.4	7966.5	8530.7	8643.9	8305.2	7584.0	6775.5	6019.6	5758.5	5675.6
12.5°	6805.0	7741.8	8336.4	8492.4	8214.3	7423.6	6521.5	5708.5	5401.0	5328.8
15°	6625.8	7465.5	7957.5	8070.7	7953.1	7330.0	6460.9	5614.9	5253.0	5183.5
17.5°	6690.0	7251.6	7428.9	7494.9	7574.2	7297.0	6625.8	5820.0	5361.8	5295.8
20°	6931.5	7026.0	6934.2	7017.1	7231.0	7329.1	7018.9	6315.6	5765.6	5677.3
22.5°	7341.6	6909.3	6651.6	6684.6	6944.9	7435.2	7619.7	7023.4	6388.7	6278.1
25°	7819.4	7003.7	6494.8	6465.3	6732.8	7575.1	8168.8	7793.5	7125.9	7003.7
27.5°	8420.2	7215.9	6462.7	6433.2	6658.8	7706.2	8625.2	8554.8	7902.3	7693.7
30°	8883.7	7424.5	6558.0	6490.3	6732.8	7797.1	8991.6	9201.0	8520.9	8382.7
32.5°	9216.2	7670.5	6713.1	6615.1	6941.3	7954.0	9274.1	9792.9	9093.2	8883.7
35°	9469.4	7937.9	6963.6	6802.3	7228.4	8192.0	9538.9	10423.2	9702.0	9472.9
37.5°	9706.5	8313.2	7355.0	7162.4	7678.5	8575.3	9818.8	11138.1	10383.0	10109.4
40°	10037.2	8738.4	7958.4	7787.3	8435.3	9097.6	10168.2	11883.3	11157.7	10813.6
42.5°	10367.9	9194.8	8576.2	8622.5	9379.3	9732.3	10619.3	12671.3	11922.5	11555.2
45°	10670.1	9665.5	9456.0	9669.9	10255.6	10428.5	11067.6	13126.8	12533.1	12178.3
47.5°	10939.3	10253.8	10330.5	10900.1	11252.2	11058.7	11402.8	13519.9	12987.7	12674.8
50°	11252.2	11015.0	11483.0	12288.9	12399.4	11629.2	11707.7	13985.2	13519.0	13267.6
52.5°	11594.5	11817.3	12759.5	13470.0	13434.3	12248.7	12014.3	14506.7	14247.3	14011.0
55°	11983.1	12465.4	13883.6	14575.3	14545.0	12940.5	12522.4	15151.2	15160.1	14946.1
57.5°	12559.8	13023.4	14646.6	15469.4	15520.2	13739.2	13383.5	15873.2	15985.5	15842.9
59°	12973.5	13385.3	14948.8	15842.9	16049.7	14356.9	14012.8	16292.1	16218.2	16088.0
60°	13280.1	13615.3	15098.6	16038.1	16357.2	14775.9	14477.3	16538.2	16245.8	16088.0
62.5°	14038.7	14116.2	15368.7	16259.2	16711.1	15706.5	15784.0	16957.1	16054.1	15796.5
65°	14392.6	14432.7	15365.1	15863.4	16368.8	16431.2	16969.6	16969.6	15586.2	15190.4
67.5°	14244.6	14051.2	14602.9	14551.2	15055.8	16000.7	17415.3	16347.4	14691.2	14179.5
70°	13041.2	12296.9	12051.7	12074.0	12460.0	13917.5	16532.8	14516.5	12997.5	12399.4
72.5°	10851.0	9065.6	8460.3	9151.1	9251.9	10695.9	14089.5	10932.1	9585.2	9024.5
75°	8727.7	6390.5	5406.4	6135.5	6306.7	7827.4	10899.2	6808.5	5598.9	5162.1
77.5°	6270.1	4587.2	3879.4	3828.6	4049.6	4964.2	7733.8	3426.5	2857.8	2667.1
80°	3562.0	3019.2	3250.9	3067.3	3178.7	3103.9	3674.4	1502.9	1231.0	1150.8
82.5°	2150.1	1784.6	1932.6	1609.0	2036.0	1773.0	1415.5	481.4	418.1	397.6
85°	1398.6	975.2	508.1	340.5	701.5	1133.0	316.4	131.0	100.7	80.2
87.5°	482.2	248.7	25.0	10.7	74.9	211.3	11.6	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)