

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: P324446

Luminaire Tested: **GAN-SA2C-730-U-SLR-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P324446
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-SA2C-730-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(2) 70 CRI, 3000K, 1050mA 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: 9769 lumens
Efficiency: N/A
Efficacy: 86.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G2

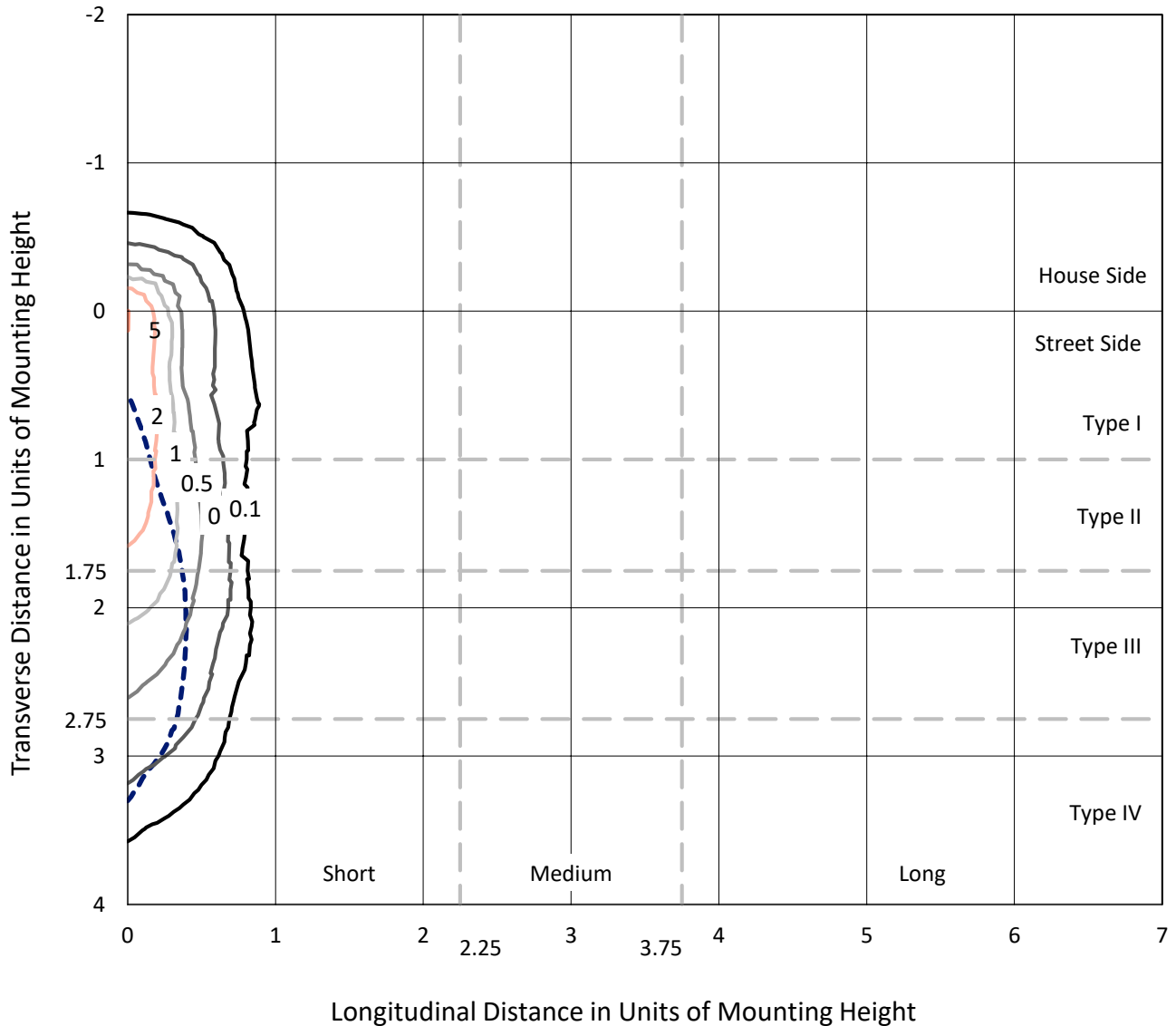
Input Watts (W): 113
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P324446
 CATALOG NUMBER: GAN-SA2C-730-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

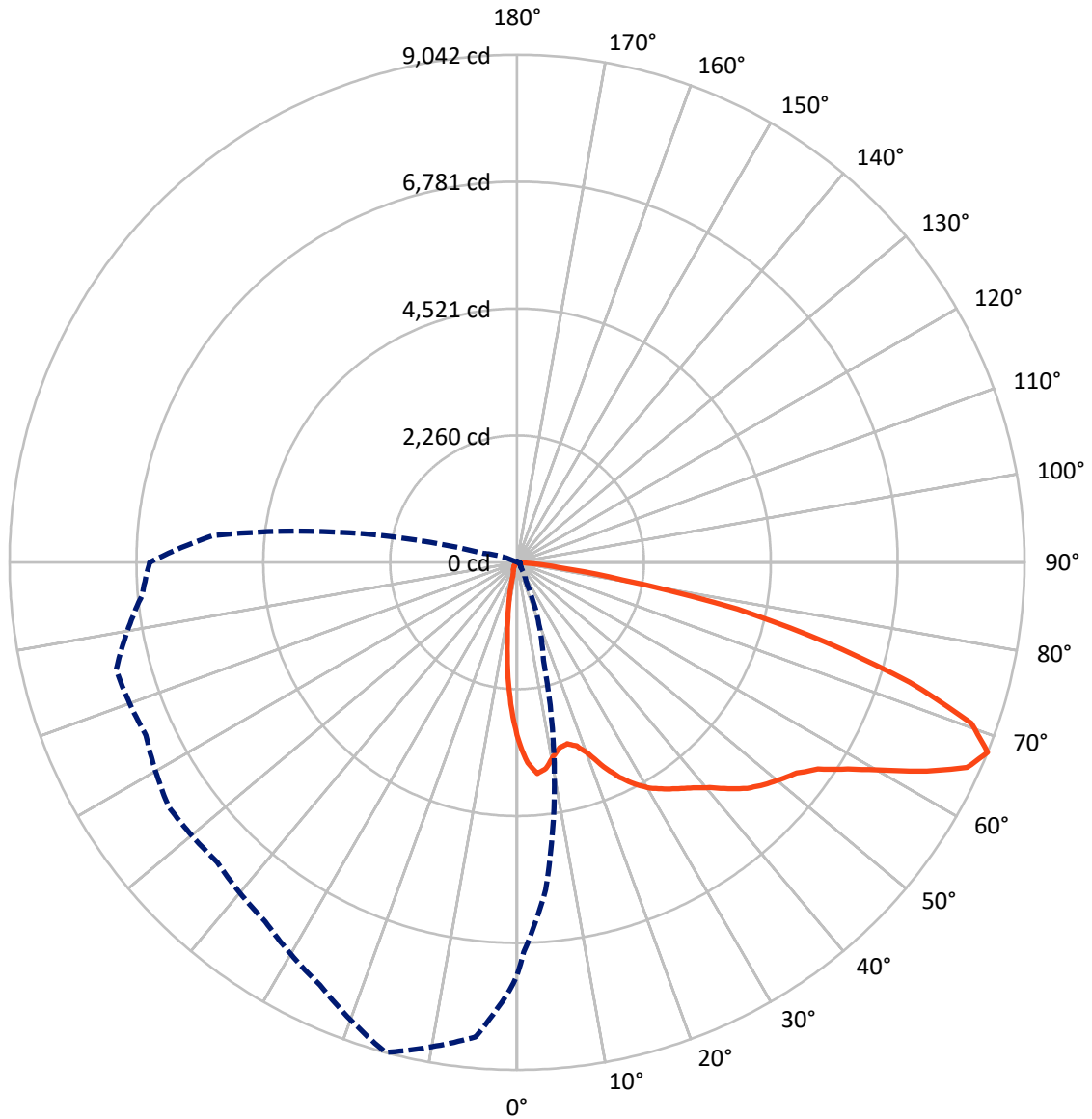
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.1 fc
 Type IV - Medium - N/A

REPORT NUMBER: P324446
CATALOG NUMBER: GAN-SA2C-730-U-SLR-HSS

Luminous Intensity Polar Plot



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

REPORT NUMBER: P324446
 CATALOG NUMBER: GAN-SA2C-730-U-SLR-HSS

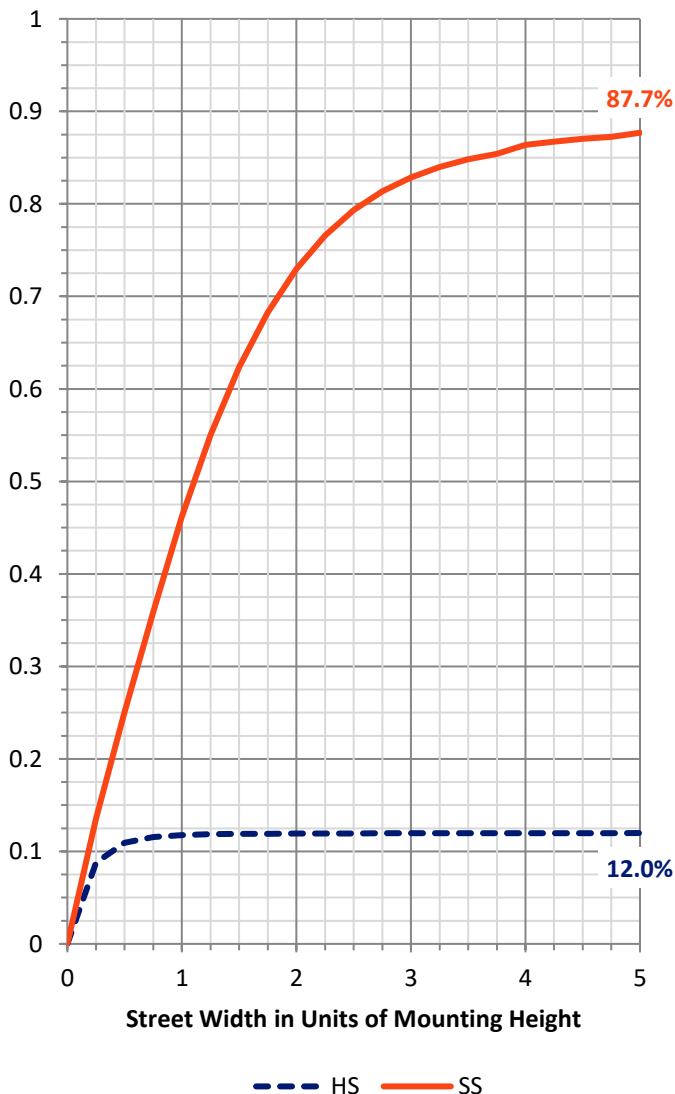
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1182.4	0.0	1182.4
	% Fixture	12.1	0.0	12.1
Street Side	Lumens	8586.6	0.0	8586.6
	% Fixture	87.9	0.0	87.9
Total	Lumens	9769.0	0.0	9769.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	244.2	2.5
10°-20°	486.1	5.0
20°-30°	690.3	7.1
30°-40°	1019.6	10.4
40°-50°	1470.5	15.1
50°-60°	2064.3	21.1
60°-70°	2406.4	24.6
70°-80°	1230.2	12.6
80°-90°	157.1	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°	9769.0	100.0
0°-180°	9769.0	100.0

Coefficient of Utilization

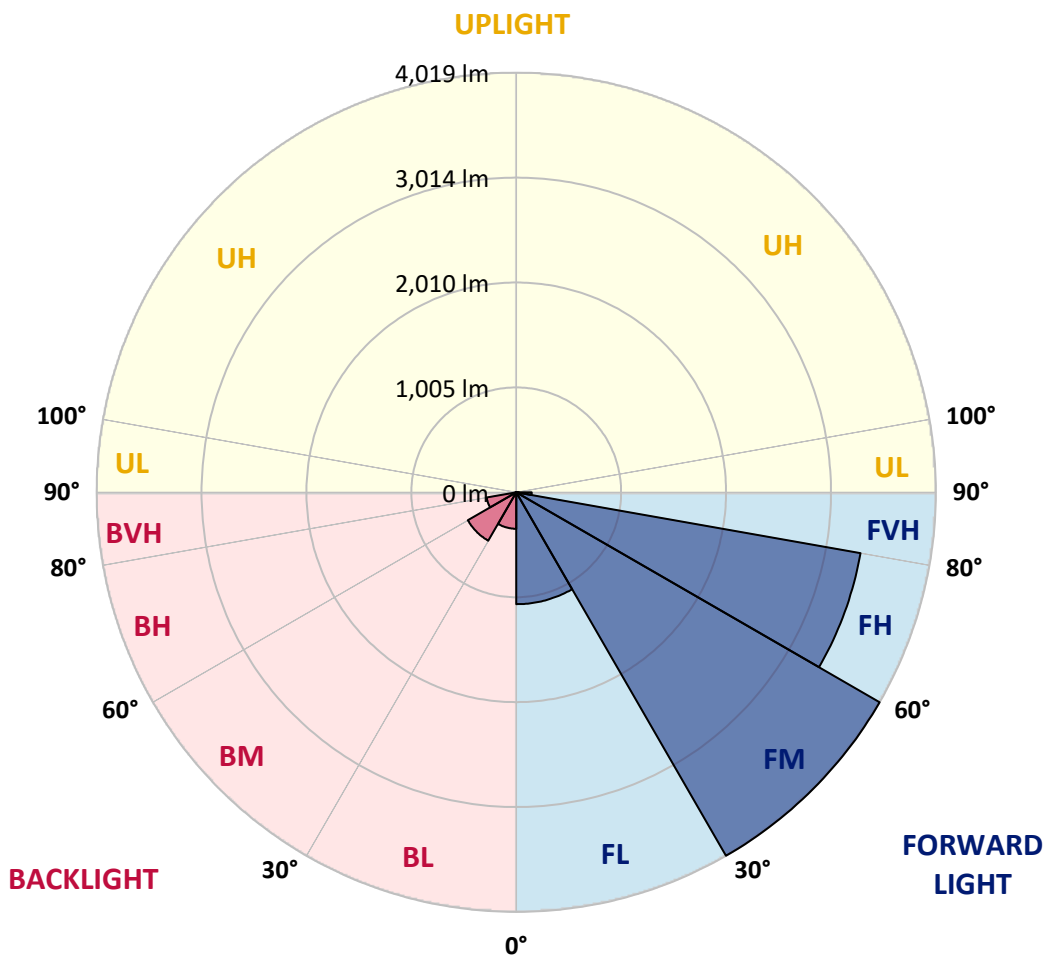


REPORT NUMBER: P324446
 CATALOG NUMBER: GAN-SA2C-730-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1071.5	11.0			
FM (30°-60°)	4019.1	41.1			
FH (60°-80°)	3348.5	34.3			G2/5000
FVH (80°-90°)	147.6	1.5			G2/225
BL (0°-30°)	349.2	3.6	B1/500		
BM (30°-60°)	535.4	5.5	B1/1000		
BH (60°-80°)	288.2	2.9	B1/500		G1/500
BVH (80°-90°)	9.6	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
 Type IV Medium





REPORT NUMBER: P324446

CATALOG NUMBER: GAN-SA2C-730-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2
2.5°	3484.4	3457.6	3428.0	3331.3	3241.5	3138.7	3055.0	2996.6	2923.5	2828.7	2804.6
5°	3459.5	3430.8	3337.7	3122.5	2934.2	2750.9	2574.1	2470.4	2341.8	2211.3	2178.9
7.5°	3208.2	3178.1	3043.9	2749.0	2495.4	2230.7	2001.2	1859.1	1713.8	1594.4	1531.0
10°	2946.7	2913.8	2762.9	2405.2	2092.8	1853.5	1685.1	1549.5	1412.0	1284.3	1182.5
12.5°	2766.6	2723.6	2559.8	2154.3	1882.2	1719.8	1562.4	1400.0	1213.9	1076.9	964.9
15°	2691.2	2642.1	2469.1	2057.6	1807.7	1617.0	1412.0	1212.5	994.6	837.7	734.9
17.5°	2749.5	2685.6	2500.1	2051.1	1714.2	1454.6	1195.4	961.2	724.7	566.0	492.9
20°	2947.6	2863.8	2628.3	2049.3	1600.8	1261.6	933.0	668.3	477.6	384.1	345.7
22.5°	3259.5	3148.9	2812.5	2064.1	1483.7	1058.9	673.8	454.0	358.7	310.1	287.4
25°	3636.2	3508.0	3077.6	2116.4	1381.0	861.7	489.6	358.7	302.7	267.0	248.1
27.5°	3994.5	3890.3	3412.7	2191.8	1301.4	702.5	397.5	304.1	258.7	235.1	219.8
30°	4352.2	4221.2	3756.6	2281.6	1205.6	594.7	349.4	277.2	231.9	206.9	197.2
32.5°	4612.3	4503.5	4025.9	2346.4	1103.3	524.4	312.4	253.6	216.6	191.1	176.8
35°	4918.2	4795.1	4256.9	2360.8	1037.6	479.9	280.9	228.2	187.9	165.2	149.9
37.5°	5248.6	5095.5	4523.4	2329.3	986.2	458.2	257.3	216.6	175.4	152.3	136.1
40°	5614.3	5441.2	4779.4	2283.9	935.8	450.8	239.3	207.8	165.7	142.1	125.4
42.5°	5999.3	5795.2	5001.0	2236.3	903.9	425.3	237.4	199.0	158.3	132.8	116.2
45°	6322.8	6115.9	5228.7	2220.5	881.2	397.5	245.3	193.0	153.2	125.4	109.2
47.5°	6580.6	6384.8	5462.0	2255.7	868.2	372.1	223.5	200.9	150.4	118.9	103.2
50°	6888.4	6666.7	5790.6	2360.8	849.2	346.6	202.2	230.0	150.4	114.8	98.1
52.5°	7274.3	7055.0	6157.1	2523.7	811.3	311.5	181.9	230.5	151.8	109.2	91.6
55°	7759.8	7600.6	6680.6	2702.3	750.7	259.6	157.4	198.1	146.2	99.0	85.6
57.5°	8225.4	8095.4	7157.7	2824.5	669.7	202.7	137.0	159.7	133.8	87.0	76.4
59°	8352.7	8210.6	7332.7	2830.0	609.0	176.8	126.8	131.9	131.0	81.5	70.8
60°	8352.7	8201.8	7383.1	2800.4	565.1	162.4	120.3	117.6	136.5	77.8	67.6
62.5°	8201.3	7989.4	7219.3	2600.0	461.0	138.4	105.1	97.2	122.6	69.9	59.7
65°	7886.6	7577.9	6661.1	2237.7	411.0	126.8	90.7	79.6	85.2	61.6	52.3
67.5°	7361.8	6943.4	5856.3	1807.7	391.1	123.6	78.2	67.6	64.3	52.8	45.8
70°	6437.6	5973.4	4879.3	1421.3	373.9	122.2	65.7	56.9	51.8	44.4	38.9
72.5°	4685.4	4201.3	3464.1	1111.2	363.8	125.0	52.8	47.7	42.6	34.7	30.1
75°	2680.1	2363.1	1947.0	734.0	310.1	119.4	40.7	39.8	30.5	25.0	20.8
77.5°	1384.7	1342.6	1166.7	281.8	148.6	52.3	26.8	23.1	18.0	15.3	12.5
80°	597.5	591.0	511.4	81.5	39.3	29.2	15.3	9.7	8.3	6.5	5.1
82.5°	206.4	206.4	181.9	27.3	17.6	14.3	1.9	0.0	0.0	0.0	0.0
85°	41.7	46.7	32.9	0.0	6.0	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: P324446
 CATALOG NUMBER: GAN-SA2C-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2
2.5°	2775.4	2719.4	2715.7	2680.6	2636.6	2616.7	2605.1	2625.5	2650.5	2653.2	2690.7
5°	2154.3	2095.6	2120.1	2057.6	2070.1	2057.6	2037.3	2041.0	2052.1	2017.4	2060.4
7.5°	1512.9	1468.5	1496.7	1480.0	1502.3	1511.1	1498.6	1480.0	1425.4	1419.0	1456.4
10°	1140.3	1089.9	1059.8	1028.3	1035.3	1049.6	1045.0	1031.6	996.9	998.7	1034.8
12.5°	916.3	859.9	800.2	722.9	703.9	714.6	703.9	696.1	662.7	665.5	697.4
15°	695.1	648.8	586.4	524.4	490.6	493.8	464.2	443.4	422.5	397.5	417.0
17.5°	469.3	441.1	422.5	404.0	363.8	354.5	317.0	276.8	261.0	249.5	257.8
20°	332.3	317.0	309.6	308.7	285.5	274.0	237.4	212.4	204.6	202.2	207.3
22.5°	277.7	266.6	255.9	249.9	238.3	224.9	197.2	184.7	179.1	176.3	180.0
25°	241.6	233.3	222.1	212.0	207.3	193.0	173.1	163.8	160.1	157.4	159.2
27.5°	214.7	207.3	194.4	187.9	184.2	171.7	154.6	147.2	143.9	143.0	142.5
30°	193.5	186.5	174.5	167.1	160.6	149.5	139.3	131.9	128.7	127.7	126.8
32.5°	172.2	166.6	158.7	151.3	144.4	134.2	125.4	119.4	114.3	113.4	112.9
35°	145.3	139.8	135.6	135.1	128.7	118.9	112.5	104.6	100.4	99.0	99.5
37.5°	129.1	121.7	112.5	115.7	113.8	106.9	98.1	90.2	86.1	85.2	85.2
40°	118.9	111.1	100.4	94.9	100.4	99.0	85.2	77.3	73.1	72.7	71.7
42.5°	109.2	101.4	89.3	80.1	82.8	87.0	73.6	66.2	62.0	61.1	59.7
45°	102.3	93.9	80.5	69.9	64.3	73.1	62.9	53.7	51.4	49.5	48.6
47.5°	95.8	87.9	72.7	60.6	51.4	52.8	50.4	44.0	41.2	39.3	38.9
50°	90.2	81.9	65.7	51.8	42.6	38.9	40.7	34.7	32.4	30.5	29.6
52.5°	83.8	75.9	58.3	44.9	35.6	30.5	31.0	27.3	25.0	23.6	23.1
55°	78.7	70.8	52.3	39.3	31.5	25.0	22.2	21.3	19.9	19.0	18.5
57.5°	71.7	64.3	46.3	33.3	26.8	20.4	17.1	17.1	16.7	15.7	15.3
59°	67.6	61.1	42.6	30.1	24.5	17.6	15.3	15.7	15.3	14.3	13.9
60°	64.3	58.3	39.8	27.8	23.1	16.2	13.9	14.8	14.3	13.4	13.0
62.5°	56.9	52.8	34.2	23.1	20.4	13.0	11.6	12.5	12.5	12.0	11.6
65°	50.0	45.4	29.2	19.4	19.0	11.1	9.3	11.1	11.6	10.6	9.7
67.5°	43.5	38.9	25.5	15.7	17.6	8.8	6.9	9.3	12.5	9.7	8.8
70°	37.0	32.4	19.9	12.5	18.5	6.0	5.6	8.3	14.8	10.6	8.3
72.5°	28.7	25.0	13.9	9.3	19.9	4.2	4.2	6.9	16.7	11.6	7.9
75°	19.9	16.2	8.3	5.6	16.2	2.8	2.8	6.5	15.7	10.6	7.4
77.5°	11.6	8.8	2.8	0.5	8.3	0.0	0.5	4.6	11.1	6.5	3.2
80°	4.2	1.9	0.0	0.0	5.1	0.0	0.0	0.0	0.9	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: P324446
 CATALOG NUMBER: GAN-SA2C-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2
2.5°	2700.5	2762.9	2818.9	2903.6	3004.1	3119.8	3219.3	3326.2	3426.6	3468.2	3496.9
5°	2069.2	2146.5	2236.7	2361.2	2526.9	2731.0	2922.1	3138.3	3370.6	3486.8	3596.0
7.5°	1462.9	1541.6	1653.6	1786.0	1986.4	2229.3	2479.2	2777.7	3092.4	3276.2	3457.1
10°	1052.0	1148.7	1253.3	1434.2	1637.9	1868.3	2125.7	2458.9	2809.7	3013.3	3231.3
12.5°	716.0	826.1	984.4	1187.1	1426.4	1652.2	1875.7	2193.7	2601.0	2802.7	3036.5
15°	429.5	490.6	658.1	892.7	1186.2	1467.5	1712.4	2031.2	2465.4	2712.5	2955.5
17.5°	264.7	293.0	384.1	576.7	884.9	1240.8	1576.3	1976.2	2484.8	2785.6	3045.7
20°	211.0	222.1	251.3	340.6	586.4	990.9	1423.1	1965.1	2643.5	3013.8	3292.8
22.5°	183.3	193.9	213.4	247.6	368.9	741.9	1277.8	1975.2	2871.2	3355.8	3681.6
25°	161.5	170.8	189.3	217.5	270.3	522.5	1122.3	2020.6	3167.9	3780.2	4126.4
27.5°	144.4	152.3	169.4	195.3	231.9	364.7	946.0	2075.7	3519.6	4214.3	4555.8
30°	128.7	135.6	150.9	174.9	201.3	280.5	752.5	2113.2	3871.8	4555.8	4862.7
32.5°	115.2	120.3	134.2	154.6	174.9	223.5	572.0	2107.1	4133.3	4840.0	5083.4
35°	101.4	106.4	118.5	136.1	152.3	184.7	449.8	1994.7	4361.0	5134.8	5336.1
37.5°	86.1	92.6	104.1	119.9	131.0	162.4	363.8	1859.1	4591.9	5471.7	5618.0
40°	73.1	79.6	89.8	106.9	113.8	154.1	279.5	1693.9	4851.6	5848.4	5927.1
42.5°	60.6	66.6	77.3	92.1	107.4	132.8	206.9	1505.0	5101.0	6170.6	6209.0
45°	49.1	55.1	66.2	81.0	114.8	110.1	160.1	1302.8	5302.3	6438.5	6451.0
47.5°	38.9	44.4	56.0	76.4	106.9	87.9	114.3	1144.0	5471.3	6647.7	6614.8
50°	30.1	34.7	46.7	87.5	93.5	72.7	86.5	1091.3	5622.6	6777.3	6692.1
52.5°	23.6	27.8	38.4	81.9	72.7	60.2	72.7	1140.8	5829.9	6884.7	6735.6
55°	19.0	23.1	30.1	46.7	49.5	50.9	62.0	1187.1	6187.7	7136.4	6992.5
57.5°	15.7	19.9	24.5	32.9	37.5	43.0	55.1	1192.2	6609.3	7554.8	7418.7
59°	14.3	18.0	22.2	29.2	32.9	39.3	51.8	1164.4	6757.8	7707.1	7639.0
60°	13.4	17.1	20.8	26.8	30.5	37.0	50.0	1138.0	6764.3	7701.5	7733.0
62.5°	11.6	15.3	18.5	22.7	25.9	31.5	44.9	1040.4	6490.3	7449.3	7676.5
65°	10.2	13.4	16.7	19.4	22.2	28.2	40.7	862.2	6022.5	7042.5	7290.1
67.5°	9.3	11.6	15.3	17.1	19.9	25.0	36.1	614.6	5437.9	6545.0	6705.6
70°	8.3	11.1	13.9	15.7	18.0	21.8	31.0	353.1	4591.9	5816.5	5930.8
72.5°	7.9	10.6	12.5	14.8	16.2	19.4	28.2	166.1	3362.3	4659.5	4958.0
75°	6.9	9.7	11.6	13.9	15.3	17.6	24.1	79.6	2236.3	3372.0	3711.2
77.5°	4.2	7.9	10.6	12.5	13.4	15.3	19.9	45.8	1427.3	2333.9	2749.0
80°	0.0	2.8	7.9	10.6	11.6	13.0	15.3	36.1	763.6	1333.3	1600.4
82.5°	0.0	0.0	5.6	8.3	7.9	8.8	11.6	22.7	344.3	871.5	982.1
85°	0.0	0.0	1.9	6.5	5.6	4.2	7.9	7.9	75.4	441.1	550.3
87.5°	0.0	0.0	0.0	0.5	2.8	1.9	3.2	0.9	0.5	32.9	133.3
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: P324446
 CATALOG NUMBER: GAN-SA2C-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2	3182.2
2.5°	3597.4	3631.6	3689.5	3716.8	3703.3	3646.4	3578.4	3509.0	3468.2	3484.4
5°	3818.6	3994.9	4096.7	4130.5	4074.1	3946.3	3779.2	3559.0	3480.7	3459.5
7.5°	3818.6	4150.4	4360.5	4397.6	4271.7	4021.3	3708.0	3364.1	3249.8	3208.2
10°	3684.4	4136.1	4429.0	4487.8	4311.9	3937.5	3517.8	3125.3	2989.7	2946.7
12.5°	3533.0	4019.4	4328.1	4409.1	4264.7	3854.2	3385.9	2963.8	2804.1	2766.6
15°	3440.0	3876.0	4131.4	4190.2	4129.1	3805.6	3354.4	2915.2	2727.3	2691.2
17.5°	3473.3	3764.9	3857.0	3891.2	3932.4	3788.5	3440.0	3021.6	2783.8	2749.5
20°	3598.8	3647.8	3600.1	3643.2	3754.3	3805.2	3644.1	3279.0	2993.4	2947.6
22.5°	3811.6	3587.2	3453.4	3470.6	3605.7	3860.2	3956.0	3646.4	3316.9	3259.5
25°	4059.7	3636.2	3372.0	3356.7	3495.6	3932.9	4241.1	4046.3	3699.6	3636.2
27.5°	4371.6	3746.4	3355.3	3340.0	3457.1	4000.9	4478.1	4441.5	4102.7	3994.5
30°	4612.3	3854.7	3404.8	3369.7	3495.6	4048.1	4668.3	4777.1	4423.9	4352.2
32.5°	4784.9	3982.4	3485.4	3434.5	3603.8	4129.6	4815.0	5084.4	4721.1	4612.3
35°	4916.4	4121.3	3615.4	3531.6	3752.9	4253.2	4952.5	5411.6	5037.1	4918.2
37.5°	5039.5	4316.1	3818.6	3718.6	3986.6	4452.2	5097.8	5782.7	5390.7	5248.6
40°	5211.2	4536.9	4131.9	4043.0	4379.5	4723.4	5279.2	6169.6	5792.9	5614.3
42.5°	5382.9	4773.8	4452.6	4476.7	4869.6	5052.9	5513.4	6578.7	6190.0	5999.3
45°	5539.8	5018.2	4909.4	5020.5	5324.5	5414.3	5746.2	6815.2	6507.0	6322.8
47.5°	5679.5	5323.6	5363.4	5659.2	5842.0	5741.5	5920.2	7019.3	6743.0	6580.6
50°	5842.0	5718.9	5961.8	6380.2	6437.6	6037.7	6078.5	7260.9	7018.9	6888.4
52.5°	6019.7	6135.4	6624.6	6993.4	6974.9	6359.4	6237.7	7531.7	7397.0	7274.3
55°	6221.5	6471.8	7208.2	7567.3	7551.6	6718.5	6501.5	7866.3	7870.9	7759.8
57.5°	6520.9	6761.6	7604.3	8031.5	8057.9	7133.2	6948.5	8241.1	8299.4	8225.4
59°	6735.6	6949.5	7761.2	8225.4	8332.8	7453.9	7275.3	8458.7	8420.2	8352.7
60°	6894.8	7068.9	7839.0	8326.8	8492.4	7671.4	7516.4	8586.4	8434.6	8352.7
62.5°	7288.7	7328.9	7979.2	8441.5	8676.2	8154.6	8194.9	8803.9	8335.1	8201.3
65°	7472.4	7493.2	7977.3	8236.0	8498.5	8530.8	8810.4	8810.4	8092.1	7886.6
67.5°	7395.6	7295.2	7581.6	7554.8	7816.7	8307.3	9041.8	8487.3	7627.5	7361.8
70°	6770.8	6384.4	6257.1	6268.7	6469.1	7225.7	8583.6	7536.7	6748.1	6437.6
72.5°	5633.7	4706.7	4392.5	4751.1	4803.4	5553.2	7315.1	5675.8	4976.5	4685.4
75°	4531.3	3317.8	2806.9	3185.5	3274.3	4063.9	5658.7	3534.9	2906.9	2680.1
77.5°	3255.4	2381.6	2014.1	1987.7	2102.5	2577.4	4015.3	1779.0	1483.7	1384.7
80°	1849.4	1567.5	1687.8	1592.5	1650.4	1611.5	1907.7	780.3	639.1	597.5
82.5°	1116.3	926.5	1003.4	835.4	1057.0	920.5	734.9	249.9	217.1	206.4
85°	726.1	506.3	263.8	176.8	364.2	588.2	164.3	68.0	52.3	41.7
87.5°	250.4	129.1	13.0	5.6	38.9	109.7	6.0	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)