

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: P324413

Luminaire Tested: **GAN-SA9C-727-U-SLR-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P324413
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-SA9C-727-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 2700K, 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: 39199 lumens
Efficiency: N/A
Efficacy: 78.2 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

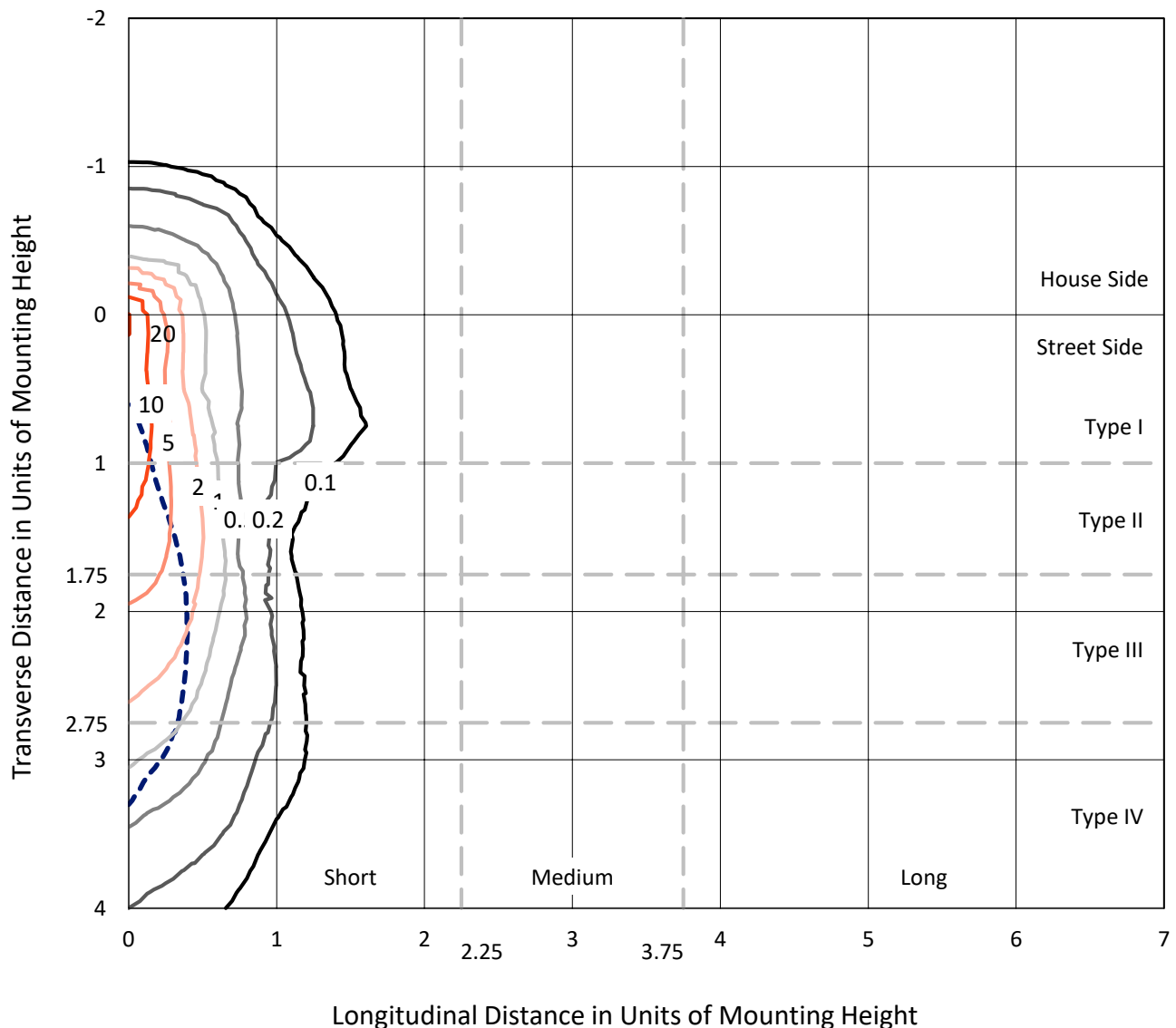
Input Watts (W): 501
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P324413
 CATALOG NUMBER: GAN-SA9C-727-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

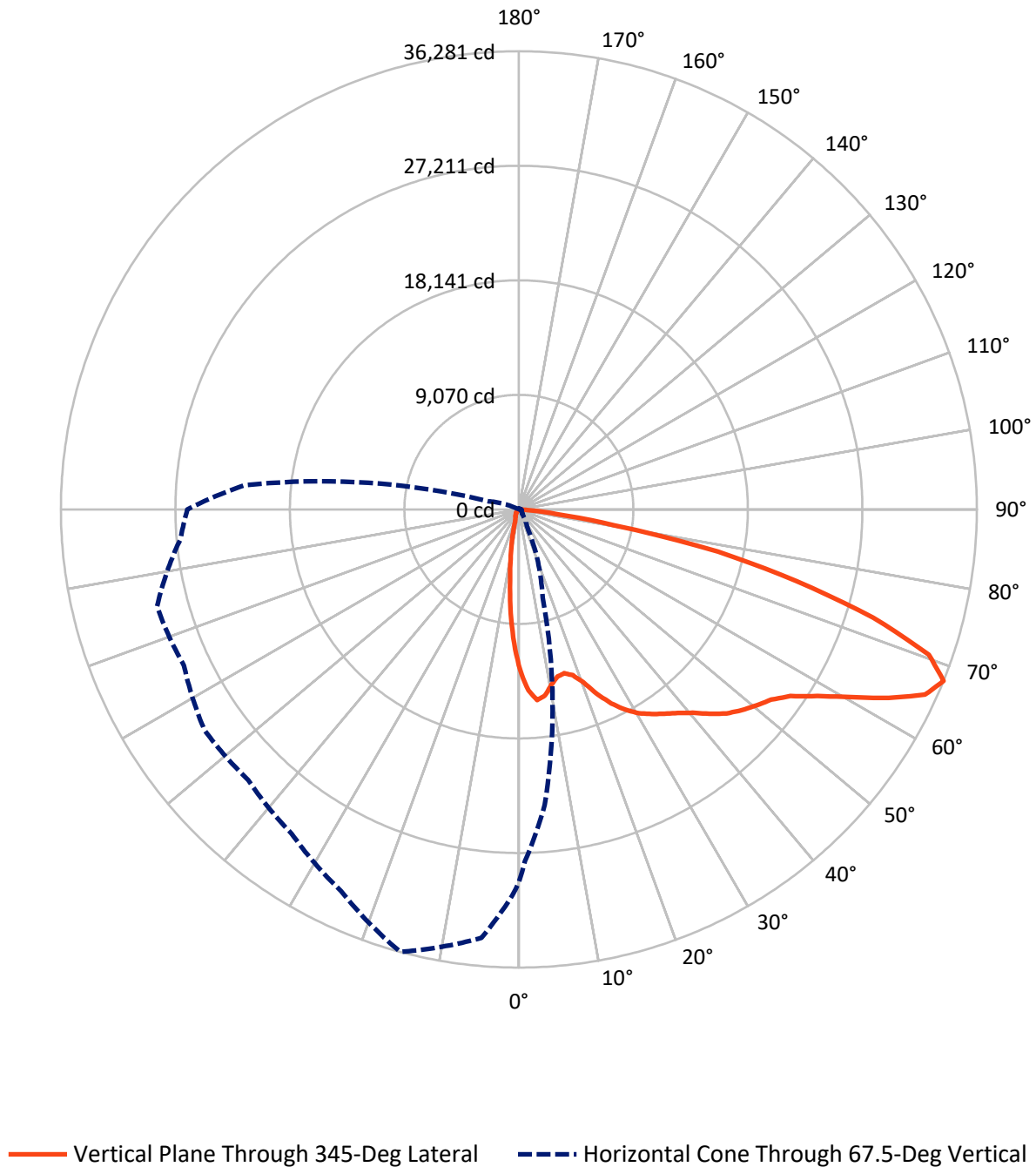
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 20.4 fc
 Type IV - Medium - N/A

REPORT NUMBER: P324413
CATALOG NUMBER: GAN-SA9C-727-U-SLR-HSS

Luminous Intensity Polar Plot



REPORT NUMBER: P324413

CATALOG NUMBER: GAN-SA9C-727-U-SLR-HSS

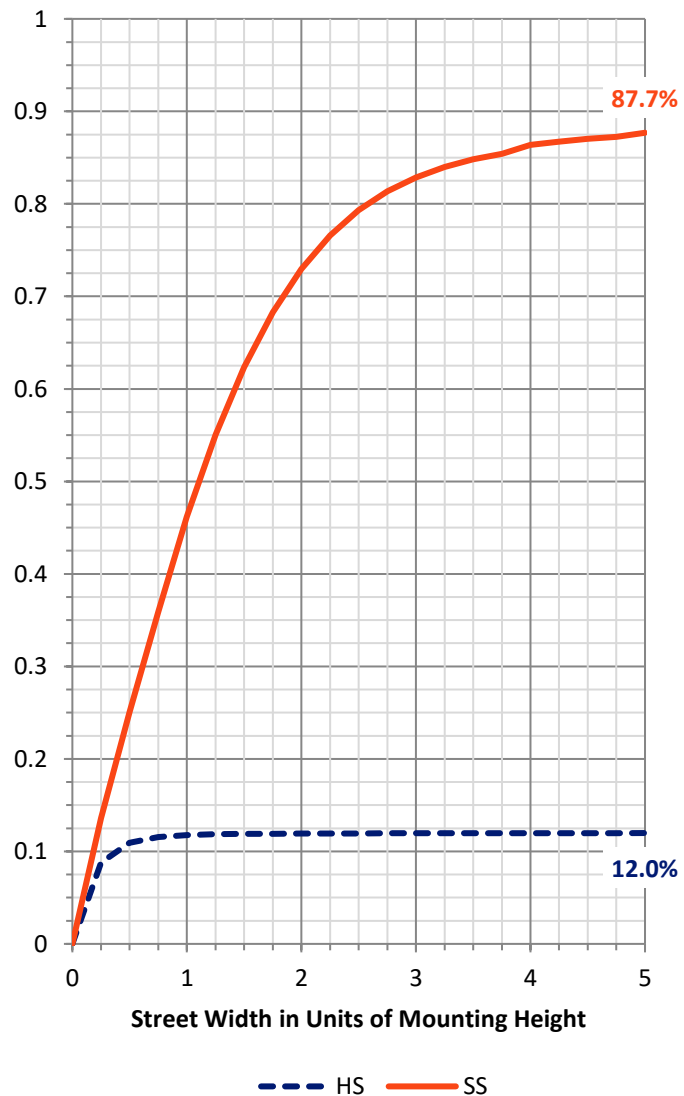
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4744.4	0.0	4744.4
	% Fixture	12.1	0.0	12.1
Street Side	Lumens	34454.6	0.0	34454.6
	% Fixture	87.9	0.0	87.9
Total	Lumens	39199.0	0.0	39199.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	980.0	2.5
10°-20°	1950.7	5.0
20°-30°	2770.0	7.1
30°-40°	4091.4	10.4
40°-50°	5900.7	15.1
50°-60°	8283.4	21.1
60°-70°	9656.0	24.6
70°-80°	4936.4	12.6
80°-90°	630.4	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°	39199.0	100.0
0°-180°	39199.0	100.0

Coefficient of Utilization



REPORT NUMBER: P324413

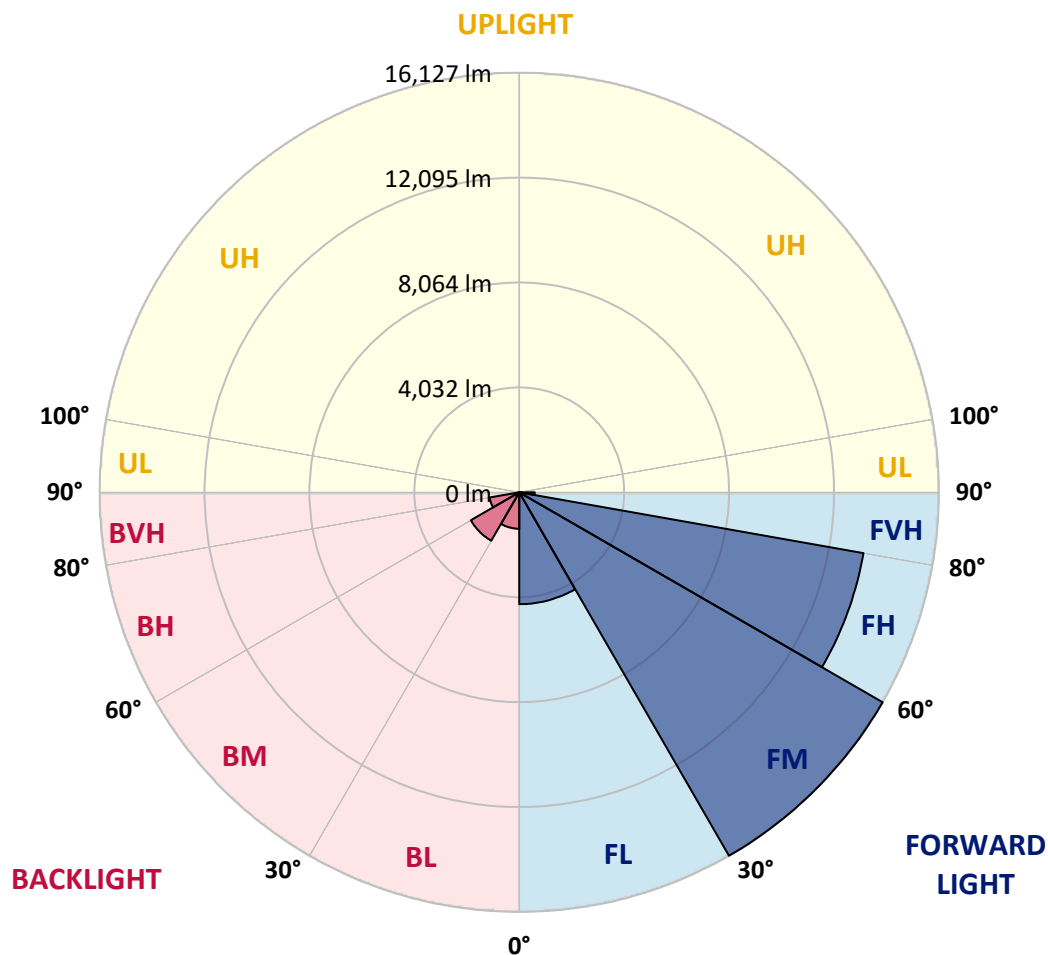
CATALOG NUMBER: GAN-SA9C-727-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4299.4	11.0			
FM	(30°-60°)	16127.1	41.1			
FH	(60°-80°)	13436.0	34.3			G5
FVH	(80°-90°)	592.1	1.5			G4/750
BL	(0°-30°)	1401.3	3.6	B3/2500		
BM	(30°-60°)	2148.4	5.5	B2/2500		
BH	(60°-80°)	1156.3	2.9	B3/2500		G3/2500
BVH	(80°-90°)	38.3	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-G5

Type IV Medium





REPORT NUMBER: P324413

CATALOG NUMBER: GAN-SA9C-727-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0
2.5°	13981.6	13873.9	13755.1	13367.0	13006.7	12594.4	12258.3	12024.3	11730.9	11350.2	11253.7
5°	13881.4	13766.2	13393.0	12529.4	11773.6	11038.2	10328.9	9912.9	9396.6	8872.9	8742.9
7.5°	12873.0	12752.3	12213.7	11030.8	10013.2	8950.9	8029.8	7459.7	6876.6	6397.5	6143.1
10°	11823.8	11691.9	11086.5	9651.0	8397.5	7437.4	6761.5	6217.4	5665.8	5153.3	4744.7
12.5°	11101.4	10928.7	10271.3	8644.5	7552.6	6900.8	6269.4	5617.5	4871.0	4321.3	3871.9
15°	10798.7	10601.8	9907.3	8256.4	7253.6	6488.5	5665.8	4865.4	3990.8	3361.2	2949.0
17.5°	11032.7	10776.4	10031.7	8230.4	6878.5	5836.7	4796.7	3857.1	2908.1	2271.2	1977.7
20°	11827.5	11491.4	10546.1	8223.0	6423.5	5062.3	3743.8	2681.6	1916.5	1541.3	1387.2
22.5°	13079.1	12635.3	11285.2	8282.4	5953.7	4248.9	2703.8	1821.8	1439.2	1244.2	1153.2
25°	14590.8	14076.4	12349.3	8492.2	5541.4	3457.8	1964.7	1439.2	1214.5	1071.5	995.4
27.5°	16028.1	15610.3	13693.8	8794.9	5222.0	2819.0	1595.2	1220.1	1038.1	943.4	882.1
30°	17463.6	16938.1	15073.6	9155.2	4837.6	2386.3	1402.1	1112.4	930.4	830.1	791.1
32.5°	18507.3	18070.8	16154.4	9415.2	4427.2	2104.0	1253.5	1017.7	869.1	767.0	709.4
35°	19734.8	19240.8	17081.0	9472.8	4163.5	1925.7	1127.2	915.5	754.0	663.0	601.7
37.5°	21060.7	20446.0	18150.7	9346.5	3957.4	1838.5	1032.5	869.1	703.8	611.0	546.0
40°	22527.7	21833.2	19177.6	9164.5	3754.9	1808.8	960.1	833.8	664.8	570.1	503.3
42.5°	24072.8	23253.8	20067.2	8973.2	3626.8	1706.6	952.7	798.5	635.1	533.0	466.1
45°	25370.9	24540.8	20980.8	8910.1	3535.8	1595.2	984.2	774.4	614.7	503.3	438.3
47.5°	26405.2	25619.7	21916.8	9051.2	3483.8	1493.1	896.9	806.0	603.5	477.3	414.1
50°	27640.2	26750.6	23235.3	9472.8	3407.7	1390.9	811.5	922.9	603.5	460.5	393.7
52.5°	29188.9	28308.7	24706.0	10126.4	3255.4	1249.8	729.8	924.8	609.1	438.3	367.7
55°	31137.0	30498.2	26806.4	10843.3	3012.1	1041.8	631.4	794.8	586.8	397.4	343.6
57.5°	33005.2	32483.3	28721.0	11333.5	2687.1	813.4	549.7	640.7	536.7	349.1	306.4
59°	33515.8	32945.7	29422.9	11355.8	2443.9	709.4	508.8	529.3	525.5	326.8	284.1
60°	33515.8	32910.4	29625.3	11236.9	2267.4	651.8	482.8	471.7	547.8	312.0	271.1
62.5°	32908.6	32058.1	28968.0	10432.8	1849.6	555.3	421.5	390.0	492.1	280.4	239.6
65°	31645.8	30407.2	26728.4	8978.8	1649.1	508.8	364.0	319.4	341.7	247.0	209.8
67.5°	29539.9	27861.2	23499.0	7253.6	1569.2	495.8	313.8	271.1	258.1	211.7	183.8
70°	25831.4	23968.8	19578.8	5703.0	1500.5	490.3	263.7	228.4	208.0	178.3	156.0
72.5°	18800.7	16858.2	13899.9	4458.8	1459.6	501.4	211.7	191.3	170.8	139.3	120.7
75°	10754.1	9482.0	7812.6	2945.3	1244.2	479.1	163.4	159.7	122.6	100.3	83.6
77.5°	5556.3	5387.3	4681.6	1130.9	596.1	209.8	107.7	92.9	72.4	61.3	50.1
80°	2397.4	2371.4	2052.0	326.8	157.8	117.0	61.3	39.0	33.4	26.0	20.4
82.5°	828.2	828.2	729.8	109.6	70.6	57.6	7.4	0.0	0.0	0.0	0.0
85°	167.1	187.6	131.8	0.0	24.1	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: P324413

CATALOG NUMBER: GAN-SA9C-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0
2.5°	11136.7	10912.0	10897.1	10756.0	10579.6	10499.7	10453.3	10535.0	10635.3	10646.4	10796.8
5°	8644.5	8408.7	8507.1	8256.4	8306.5	8256.4	8174.7	8189.5	8234.1	8094.8	8267.5
7.5°	6070.7	5892.4	6005.7	5938.8	6027.9	6063.2	6013.1	5938.8	5719.7	5693.7	5844.1
10°	4575.7	4373.3	4252.6	4126.3	4154.2	4211.8	4193.2	4139.3	4000.1	4007.5	4152.3
12.5°	3676.9	3450.4	3210.8	2900.7	2824.6	2867.3	2824.6	2793.0	2659.3	2670.4	2798.6
15°	2789.3	2603.6	2352.9	2104.0	1968.5	1981.5	1862.6	1779.0	1695.5	1595.2	1673.2
17.5°	1883.0	1769.8	1695.5	1621.2	1459.6	1422.5	1272.1	1110.5	1047.4	1000.9	1034.4
20°	1333.4	1272.1	1242.4	1238.6	1145.8	1099.4	952.7	852.4	820.8	811.5	832.0
22.5°	1114.2	1069.7	1026.9	1002.8	956.4	902.5	791.1	741.0	718.7	707.5	722.4
25°	969.4	935.9	891.4	850.5	832.0	774.4	694.5	657.4	642.5	631.4	638.8
27.5°	861.7	832.0	780.0	754.0	739.1	689.0	620.3	590.5	577.5	573.8	572.0
30°	776.2	748.4	700.1	670.4	644.4	599.8	559.0	529.3	516.3	512.5	508.8
32.5°	690.8	668.5	637.0	607.3	579.4	538.5	503.3	479.1	458.7	455.0	453.1
35°	583.1	560.8	544.1	542.3	516.3	477.3	451.3	419.7	403.0	397.4	399.3
37.5°	518.1	488.4	451.3	464.3	456.8	429.0	393.7	362.1	345.4	341.7	341.7
40°	477.3	445.7	403.0	380.7	403.0	397.4	341.7	310.1	293.4	291.6	287.8
42.5°	438.3	406.7	358.4	321.3	332.4	349.1	295.3	265.6	248.8	245.1	239.6
45°	410.4	377.0	323.1	280.4	258.1	293.4	252.6	215.4	206.1	198.7	195.0
47.5°	384.4	352.8	291.6	243.3	206.1	211.7	202.4	176.4	165.3	157.8	156.0
50°	362.1	328.7	263.7	208.0	170.8	156.0	163.4	139.3	130.0	122.6	118.9
52.5°	336.1	304.6	234.0	180.1	143.0	122.6	124.4	109.6	100.3	94.7	92.9
55°	315.7	284.1	209.8	157.8	126.3	100.3	89.1	85.4	79.9	76.1	74.3
57.5°	287.8	258.1	185.7	133.7	107.7	81.7	68.7	68.7	66.9	63.1	61.3
59°	271.1	245.1	170.8	120.7	98.4	70.6	61.3	63.1	61.3	57.6	55.7
60°	258.1	234.0	159.7	111.4	92.9	65.0	55.7	59.4	57.6	53.9	52.0
62.5°	228.4	211.7	137.4	92.9	81.7	52.0	46.4	50.1	50.1	48.3	46.4
65°	200.6	182.0	117.0	78.0	76.1	44.6	37.1	44.6	46.4	42.7	39.0
67.5°	174.6	156.0	102.1	63.1	70.6	35.3	27.9	37.1	50.1	39.0	35.3
70°	148.6	130.0	79.9	50.1	74.3	24.1	22.3	33.4	59.4	42.7	33.4
72.5°	115.1	100.3	55.7	37.1	79.9	16.7	16.7	27.9	66.9	46.4	31.6
75°	79.9	65.0	33.4	22.3	65.0	11.1	11.1	26.0	63.1	42.7	29.7
77.5°	46.4	35.3	11.1	1.9	33.4	0.0	1.9	18.6	44.6	26.0	13.0
80°	16.7	7.4	0.0	0.0	20.4	0.0	0.0	0.0	3.7	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: P324413

CATALOG NUMBER: GAN-SA9C-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0
2.5°	10835.8	11086.5	11311.2	11651.1	12054.0	12518.3	12917.6	13346.5	13749.5	13916.7	14031.8
5°	8302.8	8612.9	8975.1	9474.6	10139.4	10958.4	11725.3	12592.6	13524.8	13990.9	14429.2
7.5°	5870.1	6185.8	6635.2	7166.3	7970.4	8945.4	9948.2	11145.9	12408.7	13146.0	13872.1
10°	4221.1	4609.2	5028.9	5755.0	6572.1	7496.9	8529.4	9866.4	11274.1	12091.2	12965.8
12.5°	2872.8	3314.8	3949.9	4763.3	5723.4	6629.6	7526.6	8802.4	10436.6	11246.2	12184.0
15°	1723.3	1968.5	2640.7	3582.2	4759.6	5888.7	6871.0	8150.5	9892.4	10884.1	11859.1
17.5°	1062.2	1175.5	1541.3	2313.9	3550.7	4978.7	6325.1	7929.6	9970.4	11177.5	12221.2
20°	846.8	891.4	1008.4	1366.8	2352.9	3975.9	5710.4	7885.0	10607.4	12093.0	13212.8
22.5°	735.4	778.1	856.1	993.5	1480.1	2976.8	5127.3	7925.8	11521.1	13465.4	14772.7
25°	648.1	685.2	759.5	872.8	1084.5	2096.6	4503.3	8107.8	12711.4	15168.3	16557.4
27.5°	579.4	611.0	679.7	783.7	930.4	1463.3	3795.8	8328.8	14122.8	16910.2	18280.7
30°	516.3	544.1	605.4	702.0	807.8	1125.4	3019.5	8479.2	15536.0	18280.7	19511.9
32.5°	462.4	482.8	538.5	620.3	702.0	896.9	2295.3	8455.1	16585.2	19420.9	20397.7
35°	406.7	427.1	475.4	546.0	611.0	741.0	1805.0	8003.8	17498.9	20603.8	21411.7
37.5°	345.4	371.4	417.8	481.0	525.5	651.8	1459.6	7459.7	18425.5	21955.8	22542.6
40°	293.4	319.4	360.3	429.0	456.8	618.4	1121.7	6796.8	19467.3	23467.4	23783.1
42.5°	243.3	267.4	310.1	369.6	430.8	533.0	830.1	6039.1	20468.3	24759.9	24914.0
45°	196.8	221.0	265.6	325.0	460.5	442.0	642.5	5227.6	21276.1	25835.1	25885.3
47.5°	156.0	178.3	224.7	306.4	429.0	352.8	458.7	4590.6	21953.9	26674.5	26542.7
50°	120.7	139.3	187.6	351.0	375.1	291.6	347.3	4378.9	22561.2	27194.5	26852.8
52.5°	94.7	111.4	154.1	328.7	291.6	241.4	291.6	4577.6	23393.1	27625.3	27027.3
55°	76.1	92.9	120.7	187.6	198.7	204.3	248.8	4763.3	24828.6	28635.5	28058.0
57.5°	63.1	79.9	98.4	131.8	150.4	172.7	221.0	4783.7	26520.4	30314.3	29768.3
59°	57.6	72.4	89.1	117.0	131.8	157.8	208.0	4672.3	27116.5	30925.3	30652.3
60°	53.9	68.7	83.6	107.7	122.6	148.6	200.6	4566.5	27142.5	30903.0	31029.3
62.5°	46.4	61.3	74.3	91.0	104.0	126.3	180.1	4174.6	26043.1	29890.9	30802.7
65°	40.9	53.9	66.9	78.0	89.1	113.3	163.4	3459.7	24165.7	28258.6	29252.1
67.5°	37.1	46.4	61.3	68.7	79.9	100.3	144.8	2466.1	21820.2	26262.2	26906.6
70°	33.4	44.6	55.7	63.1	72.4	87.3	124.4	1416.9	18425.5	23339.3	23798.0
72.5°	31.6	42.7	50.1	59.4	65.0	78.0	113.3	666.7	13491.4	18696.7	19894.5
75°	27.9	39.0	46.4	55.7	61.3	70.6	96.6	319.4	8973.2	13530.4	14891.6
77.5°	16.7	31.6	42.7	50.1	53.9	61.3	79.9	183.8	5727.1	9365.0	11030.8
80°	0.0	11.1	31.6	42.7	46.4	52.0	61.3	144.8	3064.1	5350.1	6421.6
82.5°	0.0	0.0	22.3	33.4	31.6	35.3	46.4	91.0	1381.6	3496.8	3940.6
85°	0.0	0.0	7.4	26.0	22.3	16.7	31.6	31.6	302.7	1769.8	2208.0
87.5°	0.0	0.0	0.0	1.9	11.1	7.4	13.0	3.7	1.9	131.8	534.8
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: P324413

CATALOG NUMBER: GAN-SA9C-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0	12769.0
2.5°	14434.8	14572.2	14804.3	14913.9	14860.0	14631.6	14358.6	14080.1	13916.7	13981.6
5°	15322.4	16030.0	16438.5	16574.1	16347.5	15835.0	15164.6	14280.6	13966.8	13881.4
7.5°	15322.4	16653.9	17497.0	17645.6	17140.5	16135.8	14878.6	13498.8	13040.1	12873.0
10°	14783.9	16596.4	17771.9	18007.7	17302.0	15799.7	14115.4	12540.6	11996.5	11823.8
12.5°	14176.6	16128.4	17367.0	17692.0	17112.6	15465.4	13586.1	11892.5	11251.8	11101.4
15°	13803.4	15552.7	16577.8	16813.6	16568.5	15270.4	13459.8	11697.5	10943.5	10798.7
17.5°	13937.1	15107.0	15476.6	15614.0	15779.3	15201.7	13803.4	12124.6	11170.1	11032.7
20°	14440.3	14637.2	14445.9	14618.6	15064.3	15268.6	14622.3	13157.1	12011.3	11827.5
22.5°	15294.6	14393.9	13857.2	13925.9	14468.2	15489.6	15874.0	14631.6	13309.4	13079.1
25°	16289.9	14590.8	13530.4	13469.1	14026.2	15781.1	17017.9	16236.1	14845.2	14590.8
27.5°	17541.6	15032.7	13463.5	13402.3	13872.1	16054.1	17968.7	17822.0	16462.7	16028.1
30°	18507.3	15467.3	13662.2	13521.1	14026.2	16243.5	18732.0	19168.4	17751.4	17463.6
32.5°	19199.9	15979.8	13985.4	13781.1	14460.8	16570.4	19320.6	20401.4	18943.7	18507.3
35°	19727.3	16536.9	14507.2	14171.1	15058.7	17066.2	19872.2	21714.4	20212.0	19734.8
37.5°	20221.3	17318.7	15322.4	14921.3	15996.5	17864.7	20455.3	23203.7	21630.8	21060.7
40°	20910.3	18204.6	16579.6	16223.1	17573.2	18952.9	21183.2	24756.2	23244.6	22527.7
42.5°	21599.2	19155.4	17866.6	17963.1	19539.8	20275.2	22122.9	26397.8	24837.9	24072.8
45°	22228.8	20135.9	19699.5	20145.2	21365.2	21725.5	23057.0	27346.8	26110.0	25370.9
47.5°	22789.6	21361.5	21521.2	22707.9	23441.4	23038.4	23755.2	28165.7	27057.1	26405.2
50°	23441.4	22947.4	23922.4	25601.1	25831.4	24226.9	24390.4	29135.1	28163.9	27640.2
52.5°	24154.5	24618.8	26581.7	28061.7	27987.4	25517.6	25029.2	30221.5	29681.1	29188.9
55°	24964.2	25968.8	28923.4	30364.4	30301.3	26958.6	26087.7	31564.1	31582.7	31137.0
57.5°	26165.7	27131.3	30513.0	32227.1	32332.9	28622.5	27881.6	33068.3	33302.3	33005.2
59°	27027.3	27885.3	31142.5	33005.2	33436.0	29909.5	29192.7	33941.1	33787.0	33515.8
60°	27666.2	28364.4	31454.5	33411.8	34076.7	30782.3	30160.2	34453.6	33844.5	33515.8
62.5°	29246.5	29408.1	32017.2	33872.4	34813.9	32721.0	32882.6	35326.5	33445.3	32908.6
65°	29983.8	30067.3	32009.8	33047.9	34100.8	34230.8	35352.5	35352.5	32470.3	31645.8
67.5°	29675.5	29272.5	30422.0	30314.3	31365.4	33333.9	36281.0	34056.2	30605.9	29539.9
70°	27168.5	25617.9	25107.2	25153.6	25957.7	28994.0	34442.5	30241.9	27077.5	25831.4
72.5°	22605.7	18886.1	17625.2	19064.4	19274.2	22282.6	29352.4	22774.7	19968.7	18800.7
75°	18182.3	13313.1	11262.9	12782.0	13138.6	16306.7	22706.0	14184.1	11664.1	10754.1
77.5°	13062.4	9556.3	8081.8	7976.0	8436.5	10341.9	16111.7	7138.5	5953.7	5556.3
80°	7420.7	6289.8	6772.6	6390.1	6622.2	6466.2	7654.7	3131.0	2564.6	2397.4
82.5°	4479.2	3717.8	4026.1	3352.0	4241.5	3693.7	2949.0	1002.8	871.0	828.2
85°	2913.7	2031.6	1058.5	709.4	1461.5	2360.3	659.2	273.0	209.8	167.1
87.5°	1004.7	518.1	52.0	22.3	156.0	440.1	24.1	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)