

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: P324404

Luminaire Tested: **GAN-SA0B-727-U-SLR-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P324404
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-SA0B-727-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(10) 70 CRI, 2700K, 800mA 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: 35064 lumens
Efficiency: N/A
Efficacy: 83.7 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

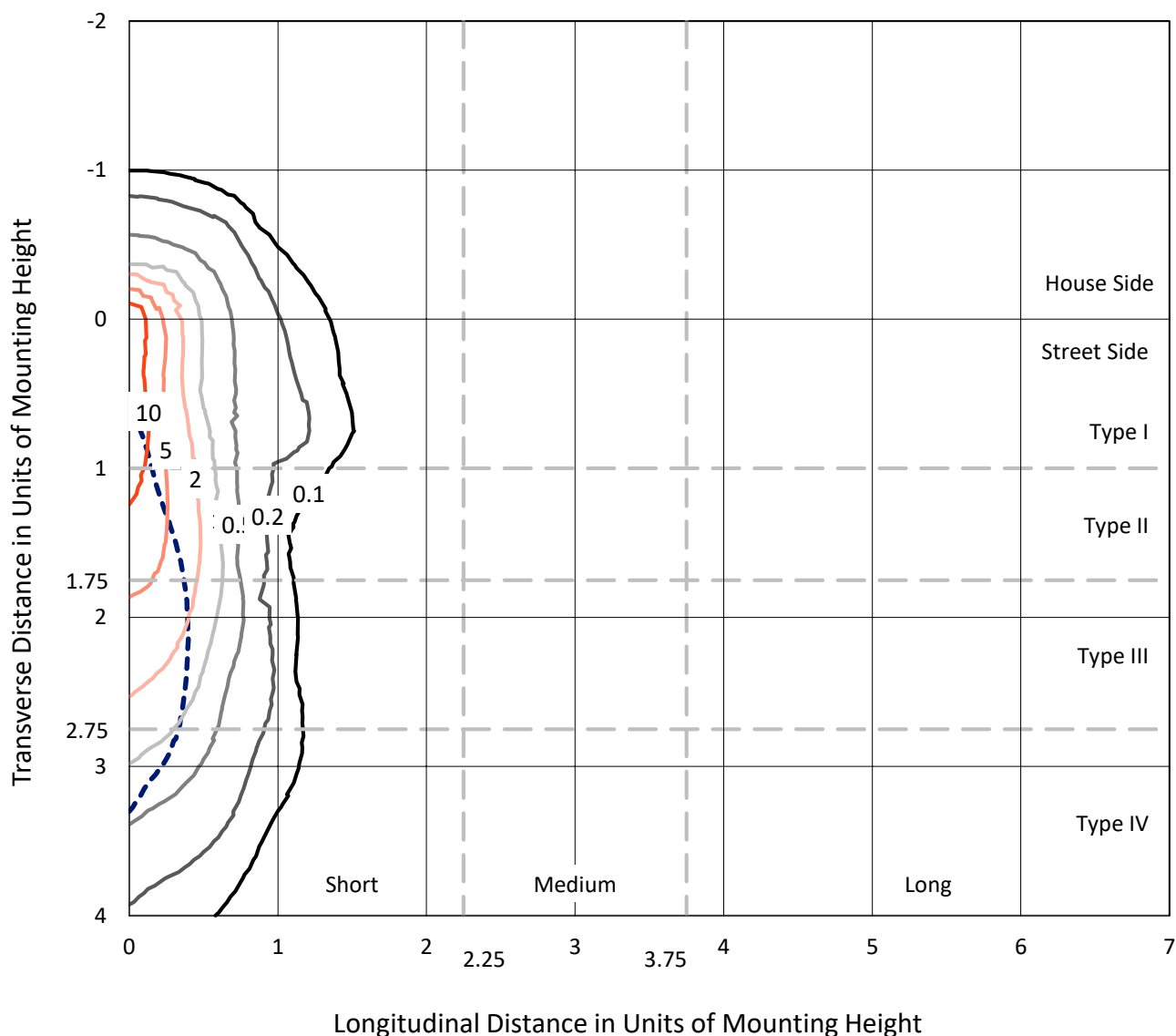
Input Watts (W): 419
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P324404
 CATALOG NUMBER: GAN-SA0B-727-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

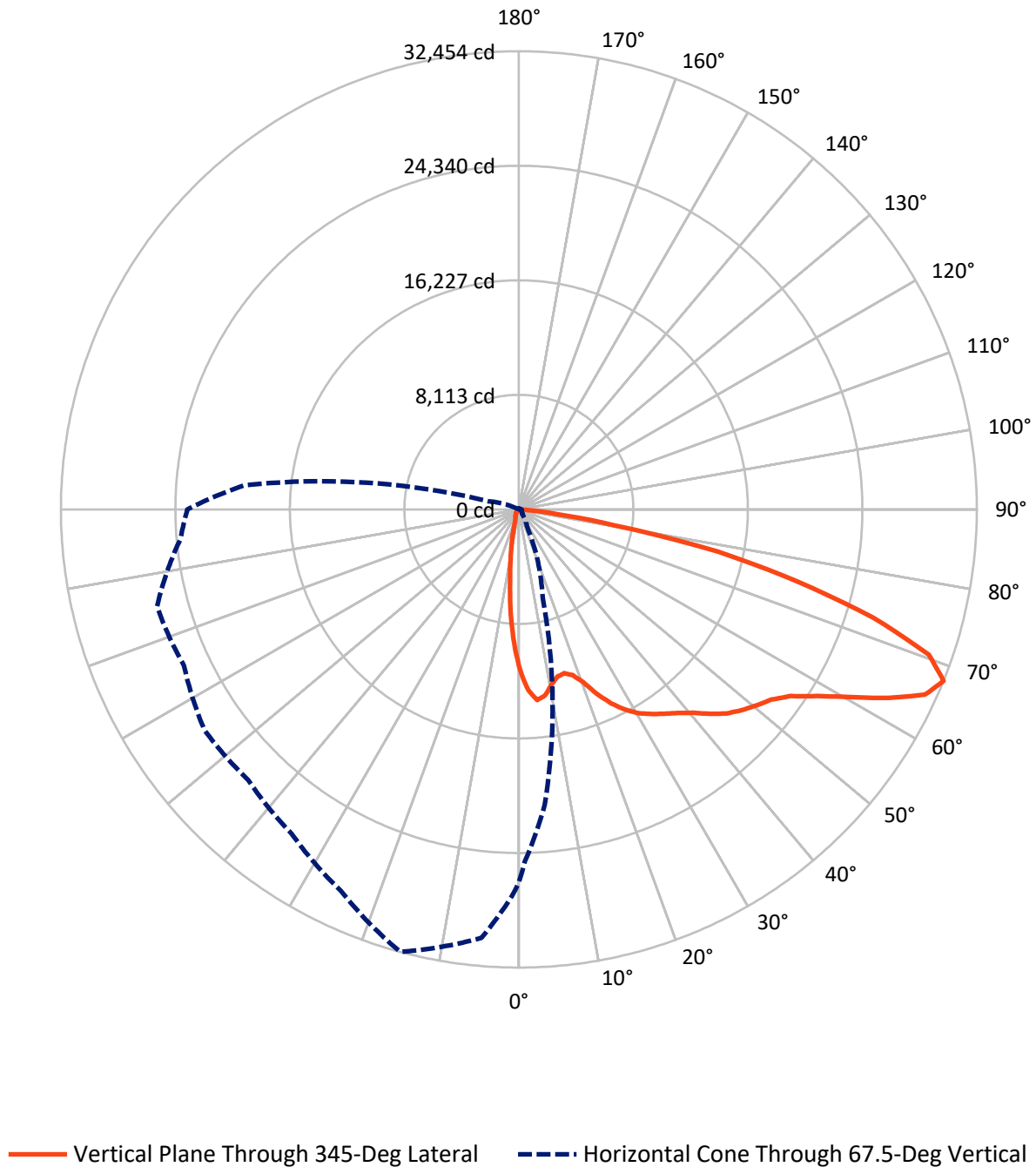
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 18.3 fc
 Type IV - Medium - N/A

REPORT NUMBER: P324404
CATALOG NUMBER: GAN-SA0B-727-U-SLR-HSS

Luminous Intensity Polar Plot



REPORT NUMBER: P324404

CATALOG NUMBER: GAN-SA0B-727-U-SLR-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4243.9	0.0	4243.9
	% Fixture	12.1	0.0	12.1
Street Side	Lumens	30820.1	0.0	30820.1
	% Fixture	87.9	0.0	87.9
Total	Lumens	35064.0	0.0	35064.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	876.6	2.5
10°-20°	1744.9	5.0
20°-30°	2477.8	7.1
30°-40°	3659.8	10.4
40°-50°	5278.3	15.1
50°-60°	7409.6	21.1
60°-70°	8637.4	24.6
70°-80°	4415.6	12.6
80°-90°	563.9	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°	35064.0	100.0
0°-180°	35064.0	100.0

Coefficient of Utilization



REPORT NUMBER: P324404

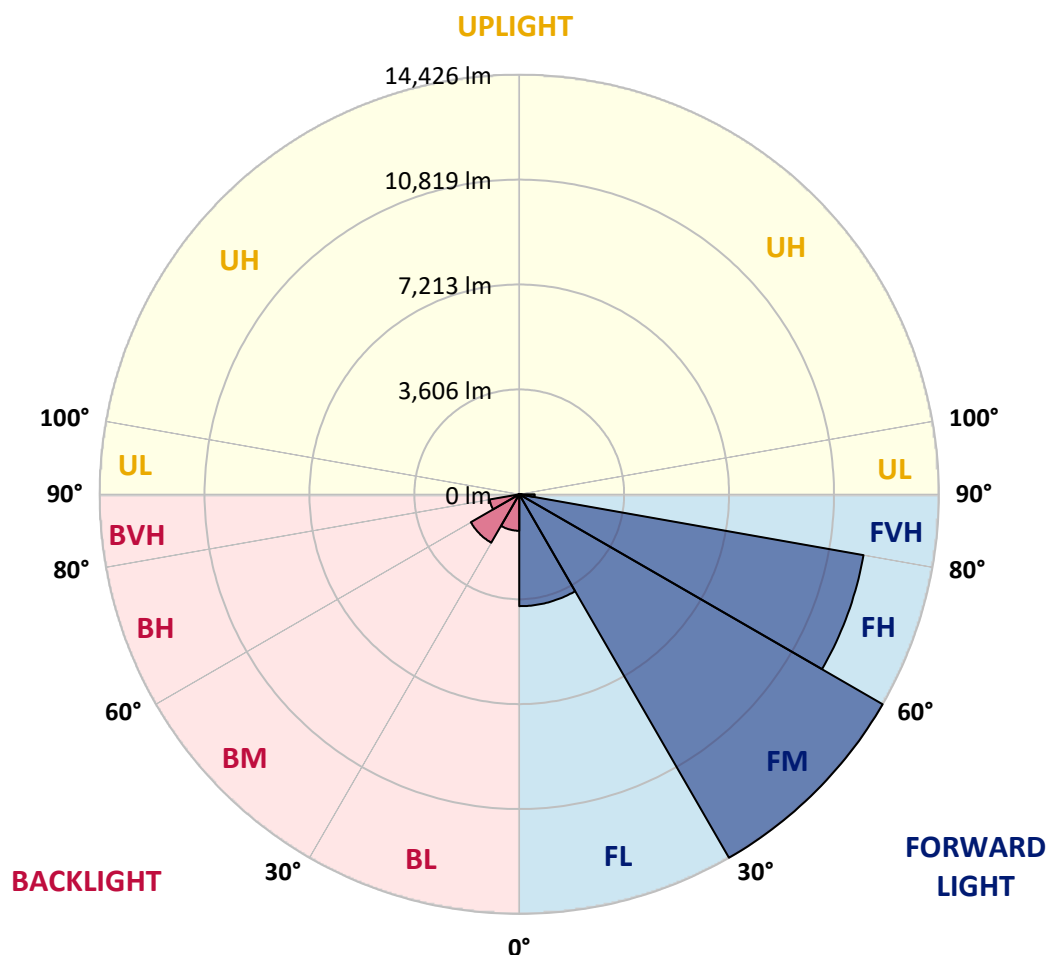
CATALOG NUMBER: GAN-SA0B-727-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3845.8	11.0			
FM	(30°-60°)	14425.9	41.1			
FH	(60°-80°)	12018.7	34.3			G5
FVH	(80°-90°)	529.7	1.5			G4/750
BL	(0°-30°)	1253.5	3.6	B3/2500		
BM	(30°-60°)	1921.8	5.5	B2/2500		
BH	(60°-80°)	1034.4	2.9	B3/2500		G3/2500
BVH	(80°-90°)	34.3	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: P324404

CATALOG NUMBER: GAN-SA0B-727-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0
2.5°	12506.8	12410.4	12304.1	11956.9	11634.7	11265.9	10965.2	10755.9	10493.5	10152.9	10066.5
5°	12417.1	12314.1	11980.2	11207.7	10531.7	9873.8	9239.3	8867.2	8405.4	7937.0	7820.7
7.5°	11515.1	11407.1	10925.4	9867.2	8956.9	8006.7	7182.8	6672.8	6151.2	5722.6	5495.1
10°	10576.5	10458.6	9917.0	8633.0	7511.7	6652.9	6048.2	5561.5	5068.2	4609.7	4244.2
12.5°	9930.3	9775.8	9187.8	7732.6	6755.9	6172.8	5608.0	5025.0	4357.2	3865.5	3463.5
15°	9659.6	9483.5	8862.2	7385.5	6488.4	5804.0	5068.2	4352.2	3569.8	3006.7	2637.9
17.5°	9868.9	9639.6	8973.5	7362.2	6152.9	5221.0	4290.7	3450.2	2601.4	2031.6	1769.1
20°	10579.8	10279.2	9433.6	7355.6	5745.9	4528.3	3348.9	2398.7	1714.3	1378.8	1240.9
22.5°	11699.4	11302.4	10094.8	7408.7	5325.6	3800.7	2418.6	1629.6	1287.4	1113.0	1031.6
25°	13051.6	12591.5	11046.6	7596.4	4956.9	3093.1	1757.5	1287.4	1086.4	958.5	890.4
27.5°	14337.3	13963.6	12249.3	7867.2	4671.1	2521.6	1426.9	1091.4	928.6	843.9	789.0
30°	15621.4	15151.3	13483.5	8189.4	4327.3	2134.6	1254.2	995.0	832.2	742.5	707.6
32.5°	16555.0	16164.6	14450.3	8422.0	3960.2	1882.1	1121.3	910.3	777.4	686.1	634.6
35°	17653.0	17211.1	15279.2	8473.5	3724.3	1722.6	1008.3	818.9	674.4	593.0	538.2
37.5°	18839.0	18289.2	16236.0	8360.5	3539.9	1644.5	923.6	777.4	629.6	546.5	488.4
40°	20151.3	19530.1	17154.6	8197.8	3358.8	1618.0	858.8	745.9	594.7	510.0	450.2
42.5°	21533.4	20800.9	17950.3	8026.7	3244.2	1526.6	852.2	714.3	568.1	476.7	416.9
45°	22694.6	21952.0	18767.6	7970.2	3162.8	1426.9	880.4	692.7	549.8	450.2	392.0
47.5°	23619.8	22917.2	19604.8	8096.4	3116.3	1335.6	802.3	720.9	539.9	426.9	370.4
50°	24724.5	23928.8	20784.2	8473.5	3048.2	1244.2	725.9	625.6	539.9	412.0	352.2
52.5°	26109.9	25322.5	22099.9	9058.2	2912.0	1118.0	652.8	527.3	444.9	392.0	328.9
55°	27852.4	27281.0	23978.6	9699.4	2694.4	931.9	564.8	411.0	324.9	255.5	207.3
57.5°	29523.5	29056.7	25691.3	10138.0	2403.7	727.6	491.7	373.1	280.1	212.3	174.1
59°	29980.3	29470.4	26319.2	10157.9	2186.1	634.6	455.2	373.4	270.1	222.4	184.2
60°	29980.3	29438.8	26500.2	10051.6	2028.3	583.1	431.9	321.9	240.0	199.1	162.5
62.5°	29437.2	28676.3	25912.2	9332.3	1654.5	496.7	377.1	348.8	240.2	190.8	154.3
65°	28307.6	27199.6	23908.9	8031.6	1475.1	455.2	325.6	285.7	205.7	160.9	127.7
67.5°	26423.8	24922.2	21020.1	6488.4	1403.7	443.5	280.7	242.5	230.9	189.4	164.5
70°	23106.5	21440.4	17513.5	5101.4	1342.2	438.5	235.9	204.3	186.0	159.5	139.5
72.5°	16817.4	15079.9	12433.7	3988.4	1305.7	448.5	189.4	171.1	152.8	124.6	108.0
75°	9619.7	8481.8	6988.4	2634.6	1113.0	428.6	146.2	142.9	109.6	89.7	74.8
77.5°	4970.1	4819.0	4187.7	1011.6	533.2	187.7	96.3	83.1	64.8	54.8	44.9
80°	2144.5	2121.3	1835.6	292.4	141.2	104.7	54.8	34.9	29.9	23.3	18.3
82.5°	740.9	740.9	652.8	98.0	63.1	51.5	6.6	0.0	0.0	0.0	0.0
85°	149.5	167.8	117.9	0.0	21.6	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: P324404

CATALOG NUMBER: GAN-SA0B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0
2.5°	9961.9	9760.9	9747.6	9621.4	9463.5	9392.1	9350.6	9423.7	9513.4	9523.3	9657.9
5°	7732.6	7521.7	7609.7	7385.5	7430.3	7385.5	7312.4	7325.6	7365.5	7240.9	7395.4
7.5°	5430.3	5270.8	5372.1	5312.3	5392.1	5423.6	5378.8	5312.3	5116.3	5093.1	5227.6
10°	4093.1	3912.0	3804.0	3691.1	3716.0	3767.5	3750.9	3702.7	3578.1	3584.8	3714.3
12.5°	3289.1	3086.4	2872.1	2594.7	2526.6	2564.8	2526.6	2498.4	2378.8	2388.7	2503.3
15°	2495.0	2328.9	2104.7	1882.1	1760.8	1772.4	1666.1	1591.4	1516.6	1426.9	1496.7
17.5°	1684.4	1583.1	1516.6	1450.2	1305.7	1272.4	1137.9	993.4	936.9	895.4	925.3
20°	1192.7	1137.9	1111.3	1108.0	1024.9	983.4	852.2	762.5	734.2	725.9	744.2
22.5°	996.7	956.8	918.6	897.0	855.5	807.3	707.6	662.8	642.9	632.9	646.2
25°	867.1	837.2	797.3	760.8	744.2	692.7	621.3	588.0	574.8	564.8	571.4
27.5°	770.8	744.2	697.7	674.4	661.1	616.3	554.8	528.2	516.6	513.3	511.6
30°	694.4	669.4	626.3	599.7	576.4	536.5	500.0	473.4	461.8	458.5	455.2
32.5°	617.9	598.0	569.8	543.2	518.3	481.7	450.2	428.6	410.3	407.0	405.3
35°	521.6	501.7	486.7	485.1	461.8	426.9	403.7	375.4	360.5	355.5	357.1
37.5°	463.5	436.9	403.7	415.3	408.6	383.7	352.2	323.9	309.0	305.7	305.7
40°	426.9	398.7	360.5	340.5	360.5	355.5	305.7	277.4	262.5	260.8	257.5
42.5°	392.0	363.8	320.6	287.4	297.3	312.3	264.1	237.5	222.6	219.3	214.3
45°	367.1	337.2	289.0	250.8	230.9	262.5	225.9	192.7	184.4	177.7	174.4
47.5°	343.9	315.6	260.8	217.6	184.4	189.4	181.1	157.8	147.8	141.2	139.5
50°	323.9	294.0	235.9	186.0	152.8	139.5	146.2	124.6	116.3	109.6	106.3
52.5°	300.7	272.4	209.3	161.1	127.9	109.6	111.3	98.0	89.7	84.7	83.1
55°	282.4	254.2	187.7	141.2	113.0	89.7	79.7	76.4	71.4	68.1	66.4
57.5°	257.5	230.9	166.1	119.6	96.3	73.1	61.5	61.5	59.8	56.5	54.8
59°	242.5	219.3	152.8	108.0	88.0	63.1	54.8	56.5	54.8	51.5	49.8
60°	230.9	209.3	142.9	99.7	83.1	58.1	49.8	53.2	51.5	48.2	46.5
62.5°	204.3	189.4	122.9	83.1	73.1	46.5	41.5	44.9	44.9	43.2	41.5
65°	179.4	162.8	104.7	69.8	68.1	39.9	33.2	39.9	41.5	38.2	34.9
67.5°	156.1	139.5	91.4	56.5	63.1	31.6	24.9	33.2	44.9	34.9	31.6
70°	132.9	116.3	71.4	44.9	66.4	21.6	19.9	29.9	53.2	38.2	29.9
72.5°	103.0	89.7	49.8	33.2	71.4	15.0	15.0	24.9	59.8	41.5	28.2
75°	71.4	58.1	29.9	19.9	58.1	10.0	10.0	23.3	56.5	38.2	26.6
77.5°	41.5	31.6	10.0	1.7	29.9	0.0	1.7	16.6	39.9	23.3	11.6
80°	15.0	6.6	0.0	0.0	18.3	0.0	0.0	0.0	3.3	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: P324404

CATALOG NUMBER: GAN-SA0B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0
2.5°	9692.8	9917.0	10118.0	10422.0	10782.5	11197.8	11554.9	11938.6	12299.1	12448.6	12551.6
5°	7427.0	7704.4	8028.3	8475.2	9069.9	9802.4	10488.5	11264.2	12098.1	12515.1	12907.1
7.5°	5250.9	5533.3	5935.3	6410.4	7129.6	8001.7	8898.8	9970.2	11099.8	11759.2	12408.8
10°	3775.8	4123.0	4498.4	5147.9	5878.8	6706.0	7629.6	8825.7	10084.8	10815.7	11598.1
12.5°	2569.8	2965.1	3533.3	4260.8	5119.6	5930.3	6732.6	7873.8	9335.6	10059.9	10898.8
15°	1541.5	1760.8	2362.1	3204.3	4257.5	5267.5	6146.2	7290.8	8848.9	9736.0	10608.1
17.5°	950.2	1051.5	1378.8	2069.8	3176.1	4453.5	5657.9	7093.1	8918.7	9998.4	10932.0
20°	757.5	797.3	902.0	1222.6	2104.7	3556.5	5108.0	7053.2	9488.5	10817.4	11819.0
22.5°	657.8	696.0	765.8	888.7	1323.9	2662.8	4586.4	7089.8	10305.7	12045.0	13214.4
25°	579.7	613.0	679.4	780.7	970.1	1875.4	4028.3	7252.6	11370.5	13568.2	14810.8
27.5°	518.3	546.5	608.0	701.0	832.2	1309.0	3395.4	7450.2	12633.0	15126.4	16352.3
30°	461.8	486.7	541.5	627.9	722.6	1006.7	2701.0	7584.8	13897.1	16352.3	17453.7
32.5°	413.6	431.9	481.7	554.8	627.9	802.3	2053.2	7563.2	14835.7	17372.3	18246.0
35°	363.8	382.1	425.3	488.4	546.5	662.8	1614.6	7159.5	15653.0	18430.4	19153.0
37.5°	309.0	332.2	373.8	430.2	470.1	583.1	1305.7	6672.8	16481.9	19639.7	20164.6
40°	262.5	285.7	322.3	383.7	408.6	553.2	1003.3	6079.8	17413.8	20991.9	21274.3
42.5°	217.6	239.2	277.4	330.6	385.4	476.7	742.5	5402.0	18309.1	22148.0	22285.9
45°	176.1	197.7	237.5	290.7	412.0	395.4	574.8	4676.1	19031.7	23109.8	23154.7
47.5°	139.5	159.5	201.0	274.1	383.7	315.6	410.3	4106.4	19638.1	23860.7	23742.7
50°	108.0	124.6	167.8	314.0	335.6	260.8	310.6	3917.0	20181.3	24325.8	24020.2
52.5°	84.7	99.7	137.9	294.0	260.8	215.9	260.8	4094.7	20925.4	24711.2	24176.3
55°	68.1	83.1	108.0	167.8	177.7	182.7	222.6	4260.8	22209.5	25614.9	25098.2
57.5°	56.5	71.4	88.0	117.9	134.6	154.5	197.7	4279.1	23722.8	27116.5	26628.2
59°	51.5	64.8	79.7	104.7	117.9	141.2	186.0	4179.4	24256.0	27663.0	27418.9
60°	48.2	61.5	74.8	96.3	109.6	132.9	179.4	4084.8	24279.3	27643.1	27756.1
62.5°	41.5	54.8	66.4	81.4	93.0	113.0	161.1	3734.3	23295.9	26737.8	27553.4
65°	36.5	48.2	59.8	69.8	79.7	101.3	146.2	3094.7	21616.5	25277.6	26166.4
67.5°	33.2	41.5	54.8	61.5	71.4	89.7	129.6	2206.0	19518.5	23491.9	24068.3
70°	29.9	39.9	49.8	56.5	64.8	78.1	111.3	1267.5	16481.9	20877.3	21287.6
72.5°	28.2	38.2	44.9	53.2	58.1	69.8	101.3	596.4	12068.2	16724.4	17795.8
75°	24.9	34.9	41.5	49.8	54.8	63.1	86.4	285.7	8026.7	12103.1	13320.7
77.5°	15.0	28.2	38.2	44.9	48.2	54.8	71.4	164.5	5123.0	8377.2	9867.2
80°	0.0	10.0	28.2	38.2	41.5	46.5	54.8	129.6	2740.9	4785.8	5744.2
82.5°	0.0	0.0	19.9	29.9	28.2	31.6	41.5	81.4	1235.9	3127.9	3524.9
85°	0.0	0.0	6.6	23.3	19.9	15.0	28.2	28.2	270.8	1583.1	1975.1
87.5°	0.0	0.0	0.0	1.7	10.0	6.6	11.6	3.3	1.7	117.9	478.4
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: P324404

CATALOG NUMBER: GAN-SA0B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0	11422.0
2.5°	12912.1	13035.0	13242.6	13340.7	13292.5	13088.2	12844.0	12594.8	12448.6	12506.8
5°	13706.1	14339.0	14704.5	14825.7	14623.1	14164.6	13564.9	12774.2	12493.5	12417.1
7.5°	13706.1	14897.1	15651.3	15784.2	15332.4	14433.7	13309.1	12074.9	11664.6	11515.1
10°	13224.4	14845.7	15897.2	16108.1	15476.9	14133.0	12626.4	11217.7	10731.0	10576.5
12.5°	12681.2	14427.0	15535.0	15825.7	15307.5	13834.0	12152.9	10638.0	10064.9	9930.3
15°	12347.3	13912.1	14829.0	15040.0	14820.7	13659.6	12040.0	10463.6	9789.1	9659.6
17.5°	12466.9	13513.4	13844.0	13966.9	14114.7	13598.1	12347.3	10845.6	9991.8	9868.9
20°	12917.1	13093.1	12922.0	13076.5	13475.2	13657.9	13079.9	11769.2	10744.3	10579.8
22.5°	13681.2	12875.5	12395.5	12456.9	12942.0	13855.6	14199.5	13088.2	11905.4	11699.4
25°	14571.6	13051.6	12103.1	12048.3	12546.6	14116.4	15222.7	14523.4	13279.2	13051.6
27.5°	15691.2	13447.0	12043.3	11988.5	12408.8	14360.6	16073.2	15942.0	14726.1	14337.3
30°	16555.0	13835.7	12221.0	12094.8	12546.6	14530.0	16756.0	17146.3	15878.9	15621.4
32.5°	17174.6	14294.2	12510.1	12327.4	12935.3	14822.4	17282.6	18249.3	16945.3	16555.0
35°	17646.3	14792.5	12976.9	12676.2	13470.2	15265.9	17775.9	19423.8	18079.9	17653.0
37.5°	18088.2	15491.8	13706.1	13347.3	14309.1	15980.2	18297.5	20756.0	19349.0	18839.0
40°	18704.5	16284.2	14830.7	14511.8	15719.4	16953.6	18948.7	22144.7	20792.6	20151.3
42.5°	19320.8	17134.7	15981.9	16068.3	17478.6	18136.4	19789.2	23613.2	22217.8	21533.4
45°	19883.9	18011.8	17621.4	18020.1	19111.5	19433.7	20624.8	24462.0	23355.7	22694.6
47.5°	20385.6	19108.2	19251.0	20312.5	20968.6	20608.2	21249.4	25194.6	24202.9	23619.8
50°	20968.6	20526.8	21398.9	22900.5	23106.5	21671.3	21817.5	26061.7	25192.9	24724.5
52.5°	21606.5	22021.8	23777.6	25101.6	25035.1	22825.8	22388.9	27033.5	26550.1	26109.9
55°	22330.8	23229.5	25872.3	27161.4	27104.9	24114.8	23335.8	28234.5	28251.1	27852.4
57.5°	23405.5	24269.3	27294.3	28827.5	28922.2	25603.2	24940.4	29580.0	29789.3	29523.5
59°	24176.3	24943.8	27857.4	29523.5	29908.9	26754.4	26113.2	30360.7	30222.9	29980.3
60°	24747.7	25372.3	28136.5	29887.3	30482.0	27535.1	26978.7	30819.2	30274.4	29980.3
62.5°	26161.4	26305.9	28639.8	30299.3	31141.5	29269.4	29413.9	31600.0	29917.2	29437.2
65°	26820.8	26895.6	28633.2	29561.7	30503.6	30619.9	31623.2	31623.2	29045.1	28307.6
67.5°	26545.1	26184.6	27212.9	27116.5	28056.7	29817.6	32453.8	30463.7	27377.3	26423.8
70°	24302.6	22915.5	22458.7	22500.2	23219.5	25935.5	30809.3	27051.7	24221.2	23106.5
72.5°	20221.1	16893.8	15765.9	17053.3	17241.0	19932.1	26256.1	20372.3	17862.3	16817.4
75°	16264.3	11908.7	10074.8	11433.7	11752.6	14586.5	20310.8	12687.8	10433.7	9619.7
77.5°	11684.5	8548.3	7229.3	7134.6	7546.6	9250.9	14412.1	6385.4	5325.6	4970.1
80°	6637.9	5626.3	6058.2	5716.0	5923.6	5784.1	6847.2	2800.7	2294.0	2144.5
82.5°	4006.7	3325.6	3601.4	2998.4	3794.1	3304.0	2637.9	897.0	779.1	740.9
85°	2606.3	1817.3	946.9	634.6	1307.3	2111.3	589.7	244.2	187.7	149.5
87.5°	898.7	463.5	46.5	19.9	139.5	393.7	21.6	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)