

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: P324488

Luminaire Tested: **GAN-SA4C-740-U-SLR-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P324488
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-SA4C-740-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 4000K, 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: 21152 lumens
Efficiency: N/A
Efficacy: 94.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G3

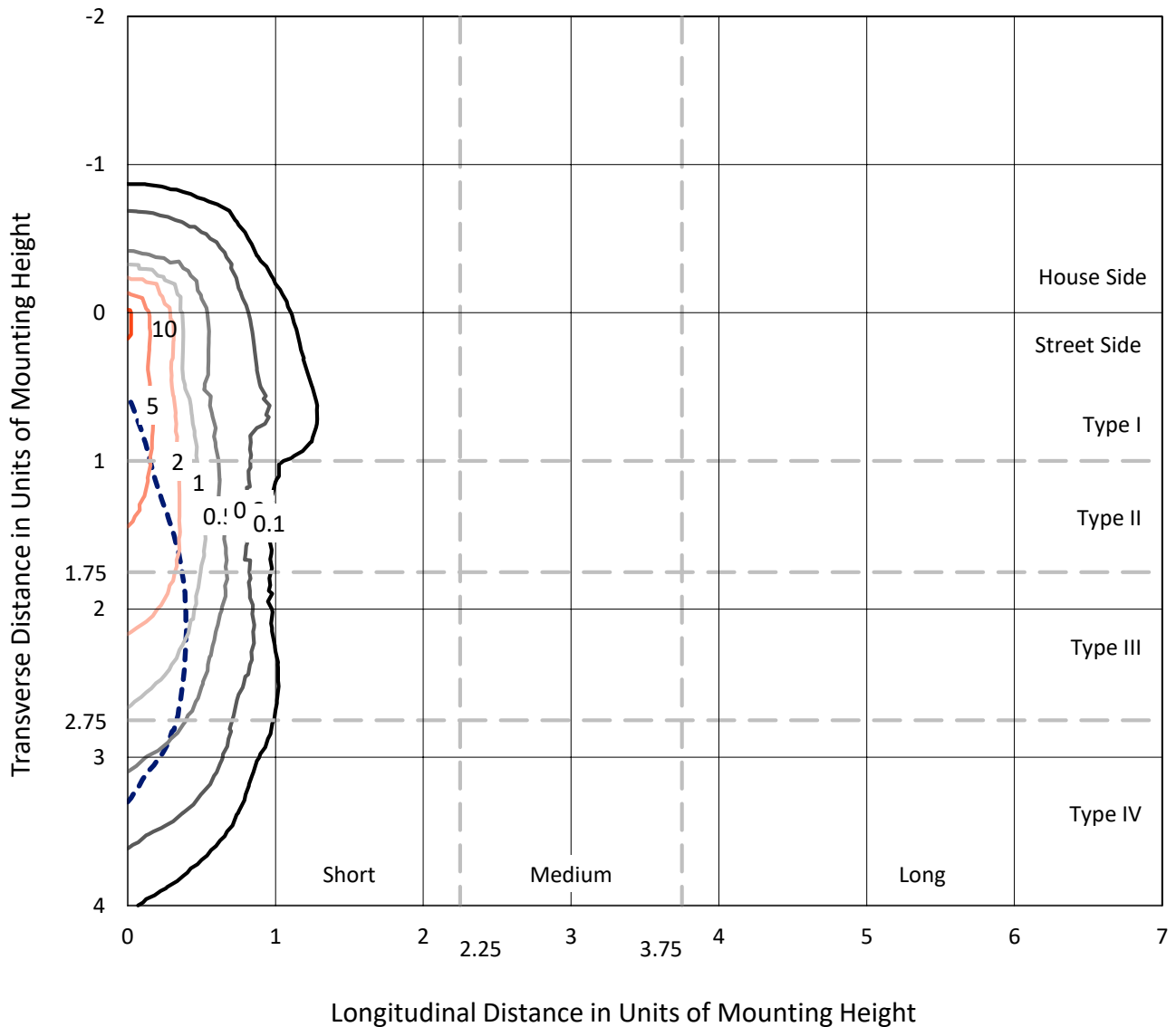
Input Watts (W): 225
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P324488
 CATALOG NUMBER: GAN-SA4C-740-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

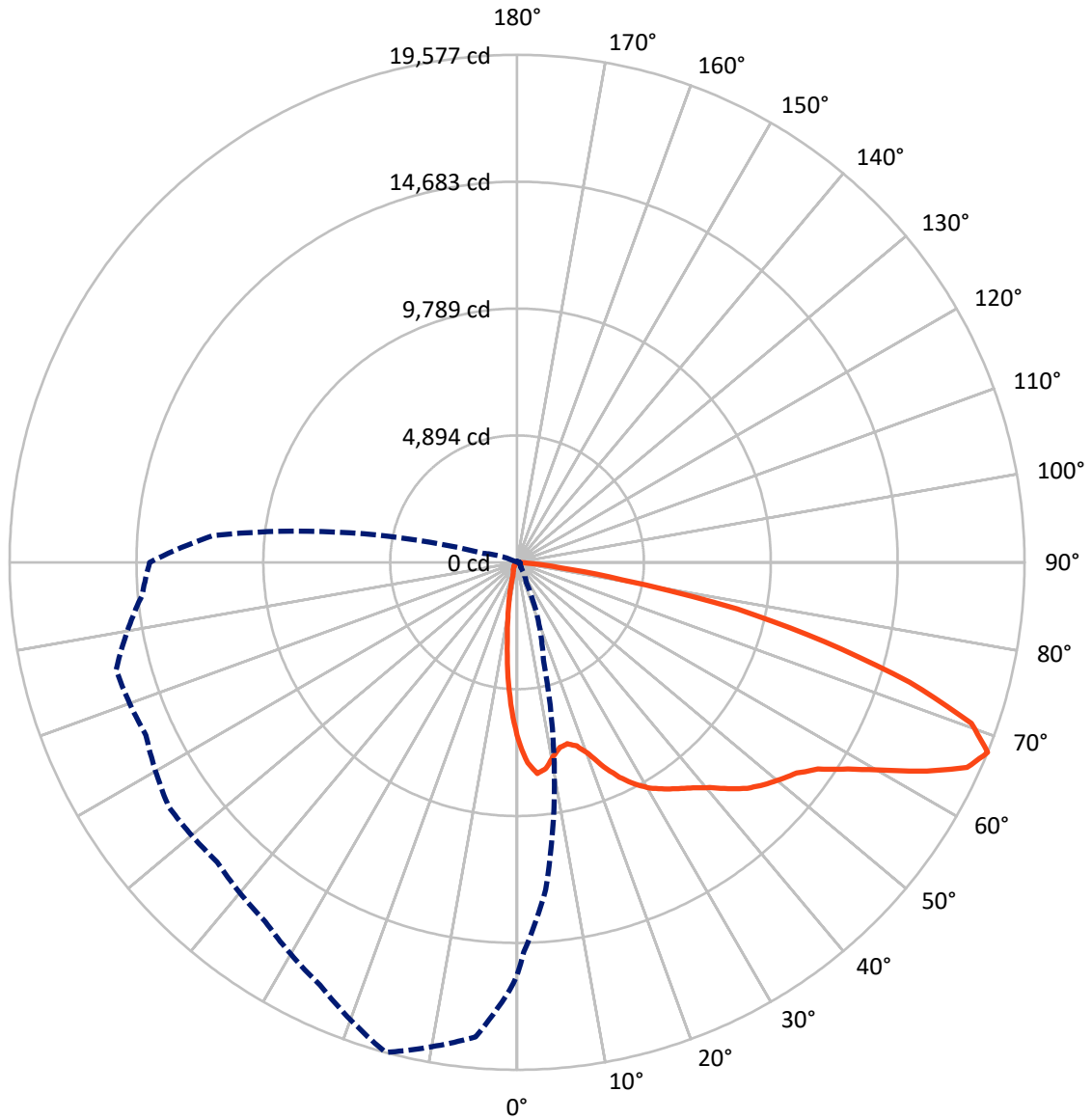
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11 fc
 Type IV - Medium - N/A

REPORT NUMBER: P324488
CATALOG NUMBER: GAN-SA4C-740-U-SLR-HSS

Luminous Intensity Polar Plot



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

REPORT NUMBER: P324488
 CATALOG NUMBER: GAN-SA4C-740-U-SLR-HSS

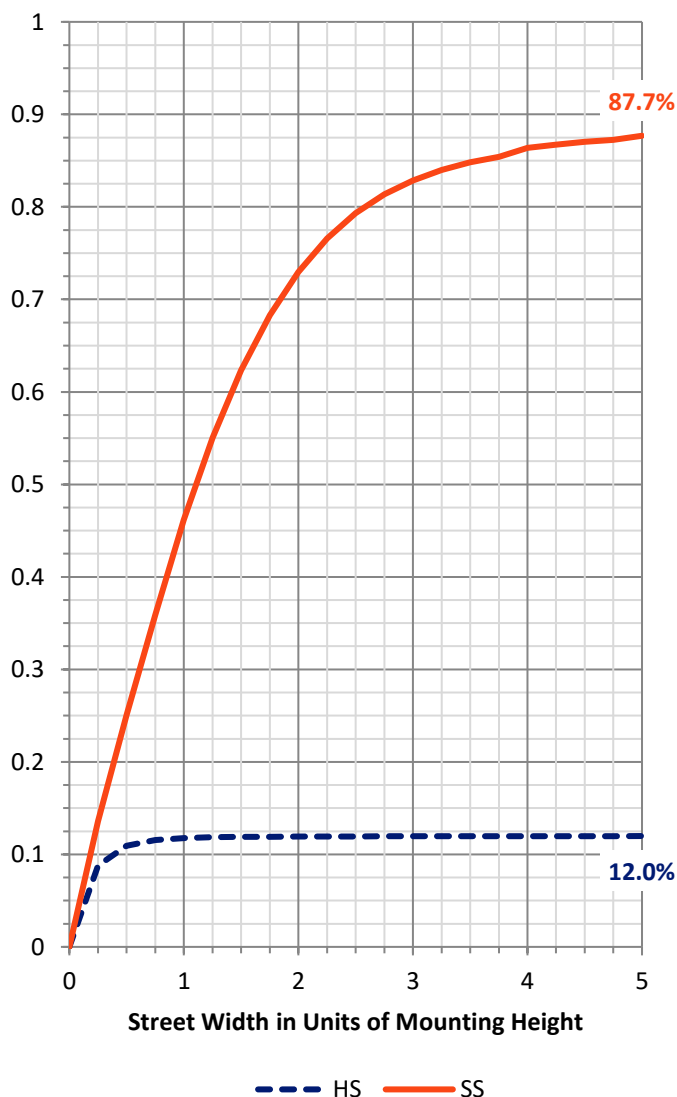
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2560.1	0.0	2560.1
	% Fixture	12.1	0.0	12.1
Street Side	Lumens	18591.9	0.0	18591.9
	% Fixture	87.9	0.0	87.9
Total	Lumens	21152.0	0.0	21152.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	528.8	2.5
10°-20°	1052.6	5.0
20°-30°	1494.7	7.1
30°-40°	2207.8	10.4
40°-50°	3184.1	15.1
50°-60°	4469.8	21.1
60°-70°	5210.4	24.6
70°-80°	2663.7	12.6
80°-90°	340.2	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°	21152.0	100.0
0°-180°	21152.0	100.0

Coefficient of Utilization

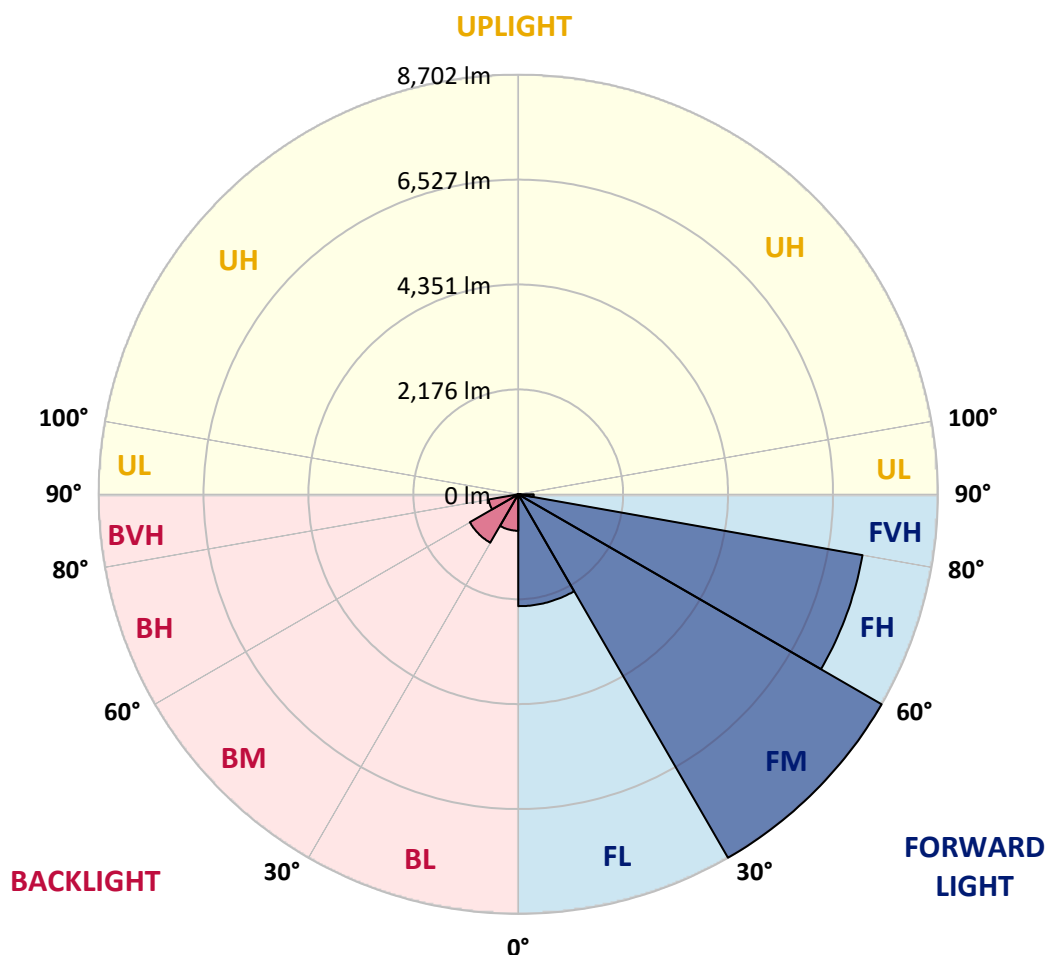


REPORT NUMBER: P324488
 CATALOG NUMBER: GAN-SA4C-740-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2320.0	11.0			
FM (30°-60°)	8702.3	41.1			
FH (60°-80°)	7250.2	34.3			G3/7500
FVH (80°-90°)	319.5	1.5			G3/500
BL (0°-30°)	756.2	3.6	B2/1000		
BM (30°-60°)	1159.3	5.5	B2/2500		
BH (60°-80°)	624.0	2.9	B2/1000		G2/1000
BVH (80°-90°)	20.7	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: P324488

CATALOG NUMBER: GAN-SA4C-740-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2
2.5°	7544.6	7486.5	7422.3	7212.9	7018.5	6796.0	6614.7	6488.4	6330.1	6124.6	6072.5
5°	7490.5	7428.3	7226.9	6761.0	6353.1	5956.3	5573.5	5349.0	5070.5	4787.9	4717.7
7.5°	6946.3	6881.2	6590.6	5952.3	5403.2	4830.0	4332.9	4025.3	3710.7	3452.1	3314.8
10°	6380.2	6309.0	5982.4	5207.8	4531.4	4013.3	3648.5	3354.9	3057.3	2780.7	2560.3
12.5°	5990.4	5897.2	5542.4	4664.6	4075.4	3723.7	3383.0	3031.3	2628.4	2331.8	2089.3
15°	5827.0	5720.8	5346.0	4455.2	3914.1	3501.2	3057.3	2625.4	2153.4	1813.7	1591.3
17.5°	5953.3	5815.0	5413.2	4441.2	3711.7	3149.5	2588.3	2081.3	1569.2	1225.5	1067.2
20°	6382.2	6200.8	5690.7	4437.2	3466.2	2731.6	2020.2	1447.0	1034.1	831.7	748.5
22.5°	7057.6	6818.1	6089.6	4469.2	3212.6	2292.7	1459.0	983.0	776.6	671.4	622.3
25°	7873.3	7595.7	6663.8	4582.5	2990.2	1865.9	1060.2	776.6	655.4	578.2	537.1
27.5°	8648.9	8423.4	7389.3	4745.8	2817.8	1521.1	860.8	658.4	560.2	509.1	476.0
30°	9423.5	9139.9	8133.8	4940.2	2610.4	1287.7	756.6	600.2	502.0	447.9	426.9
32.5°	9986.6	9751.1	8717.0	5080.5	2388.9	1135.3	676.4	549.1	469.0	413.9	382.8
35°	10649.0	10382.4	9217.0	5111.6	2246.6	1039.1	608.3	494.0	406.8	357.7	324.7
37.5°	11364.5	11032.8	9794.2	5043.4	2135.4	992.0	557.2	469.0	379.8	329.7	294.6
40°	12156.1	11781.3	10348.4	4945.2	2026.2	976.0	518.1	449.9	358.7	307.6	271.6
42.5°	12989.8	12547.9	10828.4	4842.0	1957.0	920.9	514.1	430.9	342.7	287.6	251.5
45°	13690.3	13242.3	11321.4	4807.9	1907.9	860.8	531.1	417.9	331.7	271.6	236.5
47.5°	14248.4	13824.5	11826.4	4884.1	1879.9	805.7	484.0	434.9	325.7	257.5	223.5
50°	14914.8	14434.8	12537.9	5111.6	1838.8	750.5	437.9	498.0	325.7	248.5	212.4
52.5°	15750.5	15275.5	13331.5	5464.3	1756.6	674.4	393.8	499.0	328.7	236.5	198.4
55°	16801.7	16457.0	14464.9	5851.1	1625.4	562.2	340.7	428.9	316.7	214.4	185.4
57.5°	17809.8	17528.2	15498.0	6115.6	1450.0	438.9	296.6	345.7	289.6	188.4	165.3
59°	18085.3	17777.7	15876.8	6127.7	1318.7	382.8	274.6	285.6	283.6	176.4	153.3
60°	18085.3	17758.7	15986.0	6063.5	1223.5	351.7	260.5	254.5	295.6	168.3	146.3
62.5°	17757.7	17298.7	15631.3	5629.6	998.1	299.6	227.5	210.4	265.5	151.3	129.3
65°	17076.3	16407.9	14422.8	4845.0	889.8	274.6	196.4	172.4	184.4	133.3	113.2
67.5°	15939.9	15034.0	12680.2	3914.1	846.7	267.6	169.3	146.3	139.3	114.2	99.2
70°	13938.8	12933.7	10564.8	3077.4	809.7	264.5	142.3	123.3	112.2	96.2	84.2
72.5°	10144.9	9096.8	7500.5	2406.0	787.6	270.6	114.2	103.2	92.2	75.2	65.1
75°	5803.0	5116.6	4215.7	1589.3	671.4	258.5	88.2	86.2	66.1	54.1	45.1
77.5°	2998.2	2907.0	2526.2	610.3	321.7	113.2	58.1	50.1	39.1	33.1	27.1
80°	1293.7	1279.6	1107.3	176.4	85.2	63.1	33.1	21.0	18.0	14.0	11.0
82.5°	446.9	446.9	393.8	59.1	38.1	31.1	4.0	0.0	0.0	0.0	0.0
85°	90.2	101.2	71.1	0.0	13.0	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: P324488
 CATALOG NUMBER: GAN-SA4C-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2
2.5°	6009.4	5888.2	5880.1	5804.0	5708.8	5665.7	5640.6	5684.7	5738.8	5744.9	5826.0
5°	4664.6	4537.4	4590.5	4455.2	4482.3	4455.2	4411.1	4419.1	4443.2	4368.0	4461.2
7.5°	3275.8	3179.6	3240.7	3204.6	3252.7	3271.8	3244.7	3204.6	3086.4	3072.3	3153.5
10°	2469.1	2359.9	2294.7	2226.6	2241.6	2272.7	2262.7	2233.6	2158.5	2162.5	2240.6
12.5°	1984.1	1861.8	1732.6	1565.2	1524.1	1547.2	1524.1	1507.1	1435.0	1441.0	1510.1
15°	1505.1	1404.9	1269.6	1135.3	1062.2	1069.2	1005.1	960.0	914.9	860.8	902.9
17.5°	1016.1	955.0	914.9	874.8	787.6	767.6	686.4	599.2	565.2	540.1	558.2
20°	719.5	686.4	670.4	668.4	618.3	593.2	514.1	459.9	442.9	437.9	448.9
22.5°	601.2	577.2	554.1	541.1	516.1	487.0	426.9	399.8	387.8	381.8	389.8
25°	523.1	505.0	481.0	458.9	448.9	417.9	374.8	354.7	346.7	340.7	344.7
27.5°	465.0	448.9	420.9	406.8	398.8	371.8	334.7	318.7	311.6	309.6	308.6
30°	418.9	403.8	377.8	361.7	347.7	323.7	301.6	285.6	278.6	276.6	274.6
32.5°	372.8	360.7	343.7	327.7	312.6	290.6	271.6	258.5	247.5	245.5	244.5
35°	314.6	302.6	293.6	292.6	278.6	257.5	243.5	226.5	217.4	214.4	215.4
37.5°	279.6	263.5	243.5	250.5	246.5	231.5	212.4	195.4	186.4	184.4	184.4
40°	257.5	240.5	217.4	205.4	217.4	214.4	184.4	167.3	158.3	157.3	155.3
42.5°	236.5	219.5	193.4	173.4	179.4	188.4	159.3	143.3	134.3	132.3	129.3
45°	221.5	203.4	174.4	151.3	139.3	158.3	136.3	116.2	111.2	107.2	105.2
47.5°	207.4	190.4	157.3	131.3	111.2	114.2	109.2	95.2	89.2	85.2	84.2
50°	195.4	177.4	142.3	112.2	92.2	84.2	88.2	75.2	70.1	66.1	64.1
52.5°	181.4	164.3	126.3	97.2	77.2	66.1	67.1	59.1	54.1	51.1	50.1
55°	170.4	153.3	113.2	85.2	68.1	54.1	48.1	46.1	43.1	41.1	40.1
57.5°	155.3	139.3	100.2	72.1	58.1	44.1	37.1	37.1	36.1	34.1	33.1
59°	146.3	132.3	92.2	65.1	53.1	38.1	33.1	34.1	33.1	31.1	30.1
60°	139.3	126.3	86.2	60.1	50.1	35.1	30.1	32.1	31.1	29.1	28.1
62.5°	123.3	114.2	74.2	50.1	44.1	28.1	25.1	27.1	27.1	26.1	25.1
65°	108.2	98.2	63.1	42.1	41.1	24.0	20.0	24.0	25.1	23.0	21.0
67.5°	94.2	84.2	55.1	34.1	38.1	19.0	15.0	20.0	27.1	21.0	19.0
70°	80.2	70.1	43.1	27.1	40.1	13.0	12.0	18.0	32.1	23.0	18.0
72.5°	62.1	54.1	30.1	20.0	43.1	9.0	9.0	15.0	36.1	25.1	17.0
75°	43.1	35.1	18.0	12.0	35.1	6.0	6.0	14.0	34.1	23.0	16.0
77.5°	25.1	19.0	6.0	1.0	18.0	0.0	1.0	10.0	24.0	14.0	7.0
80°	9.0	4.0	0.0	0.0	11.0	0.0	0.0	0.0	2.0	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: P324488
 CATALOG NUMBER: GAN-SA4C-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2
2.5°	5847.1	5982.4	6103.6	6287.0	6504.4	6754.9	6970.4	7201.9	7419.3	7509.5	7571.6
5°	4480.2	4647.6	4843.0	5112.6	5471.3	5913.2	6327.1	6795.0	7298.1	7549.6	7786.1
7.5°	3167.5	3337.9	3580.4	3867.0	4300.9	4827.0	5368.1	6014.4	6695.8	7093.6	7485.5
10°	2277.7	2487.1	2713.6	3105.4	3546.3	4045.4	4602.5	5324.0	6083.6	6524.5	6996.4
12.5°	1550.2	1788.7	2131.4	2570.3	3088.4	3577.4	4061.4	4749.8	5631.6	6068.5	6574.6
15°	929.9	1062.2	1424.9	1933.0	2568.3	3177.6	3707.7	4398.1	5338.0	5873.1	6399.2
17.5°	573.2	634.3	831.7	1248.6	1916.0	2686.5	3413.0	4278.8	5380.1	6031.5	6594.6
20°	456.9	481.0	544.1	737.5	1269.6	2145.4	3081.4	4254.8	5723.8	6525.5	7129.7
22.5°	396.8	419.9	462.0	536.1	798.6	1606.3	2766.7	4276.8	6216.8	7266.0	7971.5
25°	349.7	369.8	409.8	471.0	585.2	1131.3	2430.0	4375.0	6859.2	8184.9	8934.4
27.5°	312.6	329.7	366.8	422.9	502.0	789.6	2048.2	4494.3	7620.7	9124.8	9864.4
30°	278.6	293.6	326.7	378.8	435.9	607.3	1629.4	4575.4	8383.3	9864.4	10528.7
32.5°	249.5	260.5	290.6	334.7	378.8	484.0	1238.6	4562.4	8949.5	10479.6	11006.7
35°	219.5	230.5	256.5	294.6	329.7	399.8	974.0	4318.9	9442.5	11118.0	11553.9
37.5°	186.4	200.4	225.5	259.5	283.6	351.7	787.6	4025.3	9942.5	11847.5	12164.1
40°	158.3	172.4	194.4	231.5	246.5	333.7	605.2	3667.6	10504.7	12663.1	12833.5
42.5°	131.3	144.3	167.3	199.4	232.5	287.6	447.9	3258.7	11044.8	13360.6	13443.8
45°	106.2	119.2	143.3	175.4	248.5	238.5	346.7	2820.8	11480.7	13940.8	13967.8
47.5°	84.2	96.2	121.3	165.3	231.5	190.4	247.5	2477.1	11846.5	14393.7	14322.6
50°	65.1	75.2	101.2	189.4	202.4	157.3	187.4	2362.9	12174.1	14674.3	14489.9
52.5°	51.1	60.1	83.2	177.4	157.3	130.3	157.3	2470.1	12623.1	14906.8	14584.1
55°	41.1	50.1	65.1	101.2	107.2	110.2	134.3	2570.3	13397.7	15451.9	15140.3
57.5°	34.1	43.1	53.1	71.1	81.2	93.2	119.2	2581.3	14310.5	16357.8	16063.2
59°	31.1	39.1	48.1	63.1	71.1	85.2	112.2	2521.2	14632.2	16687.5	16540.1
60°	29.1	37.1	45.1	58.1	66.1	80.2	108.2	2464.1	14646.2	16675.4	16743.6
62.5°	25.1	33.1	40.1	49.1	56.1	68.1	97.2	2252.7	14053.0	16129.3	16621.3
65°	22.0	29.1	36.1	42.1	48.1	61.1	88.2	1866.9	13039.9	15248.5	15784.6
67.5°	20.0	25.1	33.1	37.1	43.1	54.1	78.2	1330.7	11774.3	14171.3	14519.0
70°	18.0	24.0	30.1	34.1	39.1	47.1	67.1	764.6	9942.5	12594.0	12841.5
72.5°	17.0	23.0	27.1	32.1	35.1	42.1	61.1	359.7	7280.0	10088.8	10735.2
75°	15.0	21.0	25.1	30.1	33.1	38.1	52.1	172.4	4842.0	7301.1	8035.6
77.5°	9.0	17.0	23.0	27.1	29.1	33.1	43.1	99.2	3090.4	5053.4	5952.3
80°	0.0	6.0	17.0	23.0	25.1	28.1	33.1	78.2	1653.4	2887.0	3465.2
82.5°	0.0	0.0	12.0	18.0	17.0	19.0	25.1	49.1	745.5	1886.9	2126.4
85°	0.0	0.0	4.0	14.0	12.0	9.0	17.0	17.0	163.3	955.0	1191.5
87.5°	0.0	0.0	0.0	1.0	6.0	4.0	7.0	2.0	1.0	71.1	288.6
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: P324488
 CATALOG NUMBER: GAN-SA4C-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2	6890.2
2.5°	7789.1	7863.2	7988.5	8047.6	8018.6	7895.3	7748.0	7597.7	7509.5	7544.6
5°	8268.1	8649.9	8870.3	8943.5	8821.2	8544.6	8182.9	7705.9	7536.6	7490.5
7.5°	8268.1	8986.6	9441.5	9521.7	9249.1	8707.0	8028.6	7284.0	7036.5	6946.3
10°	7977.5	8955.5	9589.8	9717.1	9336.3	8525.6	7616.7	6767.0	6473.4	6380.2
12.5°	7649.8	8703.0	9371.3	9546.7	9234.1	8345.2	7331.1	6417.2	6071.5	5990.4
15°	7448.4	8392.3	8945.5	9072.7	8940.5	8240.0	7263.0	6312.0	5905.2	5827.0
17.5°	7520.5	8151.8	8351.2	8425.4	8514.6	8202.9	7448.4	6542.5	6027.4	5953.3
20°	7792.1	7898.3	7795.1	7888.3	8128.8	8239.0	7890.3	7099.7	6481.4	6382.2
22.5°	8253.0	7767.0	7477.4	7514.5	7807.1	8358.3	8565.7	7895.3	7181.8	7057.6
25°	8790.1	7873.3	7301.1	7268.0	7568.6	8515.6	9183.0	8761.1	8010.5	7873.3
27.5°	9465.5	8111.7	7265.0	7231.9	7485.5	8662.9	9696.0	9616.9	8883.3	8648.9
30°	9986.6	8346.2	7372.2	7296.1	7568.6	8765.1	10107.9	10343.4	9578.8	9423.5
32.5°	10360.4	8622.8	7546.6	7436.4	7803.1	8941.5	10425.5	11008.7	10222.1	9986.6
35°	10645.0	8923.4	7828.2	7646.8	8125.8	9209.0	10723.1	11717.2	10906.5	10649.0
37.5°	10911.5	9345.3	8268.1	8051.6	8631.8	9639.9	11037.8	12520.8	11672.1	11364.5
40°	11283.3	9823.3	8946.5	8754.1	9482.6	10227.1	11430.6	13358.6	12542.9	12156.1
42.5°	11655.1	10336.3	9640.9	9693.0	10543.8	10940.6	11937.6	14244.4	13402.7	12989.8
45°	11994.8	10865.4	10629.9	10870.4	11528.8	11723.2	12441.7	14756.5	14089.1	13690.3
47.5°	12297.4	11526.8	11613.0	12253.3	12649.1	12431.7	12818.5	15198.4	14600.1	14248.4
50°	12649.1	12382.6	12908.6	13814.5	13938.8	13073.0	13161.2	15721.5	15197.4	14914.8
52.5°	13033.9	13284.4	14343.6	15142.3	15102.2	13769.4	13505.9	16307.7	16016.1	15750.5
55°	13470.8	14012.9	15607.2	16384.8	16350.8	14547.0	14077.1	17032.2	17042.2	16801.7
57.5°	14119.1	14640.2	16465.0	17389.9	17447.0	15444.9	15045.1	17843.8	17970.1	17809.8
59°	14584.1	15047.1	16804.7	17809.8	18042.2	16139.3	15752.5	18314.8	18231.6	18085.3
60°	14928.8	15305.6	16973.0	18029.2	18388.0	16610.3	16274.6	18591.4	18262.7	18085.3
62.5°	15781.6	15868.8	17276.7	18277.7	18785.8	17656.5	17743.6	19062.4	18047.3	17757.7
65°	16179.4	16224.5	17272.7	17832.8	18401.0	18471.1	19076.4	19076.4	17521.2	17076.3
67.5°	16013.1	15795.6	16415.9	16357.8	16924.9	17987.1	19577.4	18376.9	16515.1	15939.9
70°	14660.3	13823.5	13548.0	13573.0	14006.9	15645.3	18585.4	16318.7	14611.2	13938.8
72.5°	12198.2	10191.0	9510.6	10287.2	10400.5	12023.8	15838.7	12289.4	10775.2	10144.9
75°	9811.3	7183.8	6077.5	6897.2	7089.6	8799.2	12252.3	7653.8	6294.0	5803.0
77.5°	7048.6	5156.6	4361.0	4303.9	4552.4	5580.5	8693.9	3852.0	3212.6	2998.2
80°	4004.3	3394.0	3654.5	3448.1	3573.4	3489.2	4130.5	1689.5	1383.9	1293.7
82.5°	2417.0	2006.1	2172.5	1808.7	2288.7	1993.1	1591.3	541.1	470.0	446.9
85°	1572.2	1096.3	571.2	382.8	788.6	1273.6	355.7	147.3	113.2	90.2
87.5°	542.1	279.6	28.1	12.0	84.2	237.5	13.0	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)