

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: P324451

Luminaire Tested: **GAN-SA7C-730-U-SLR-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P324451
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-SA7C-730-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 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: 33774 lumens
Efficiency: N/A
Efficacy: 86.4 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G4

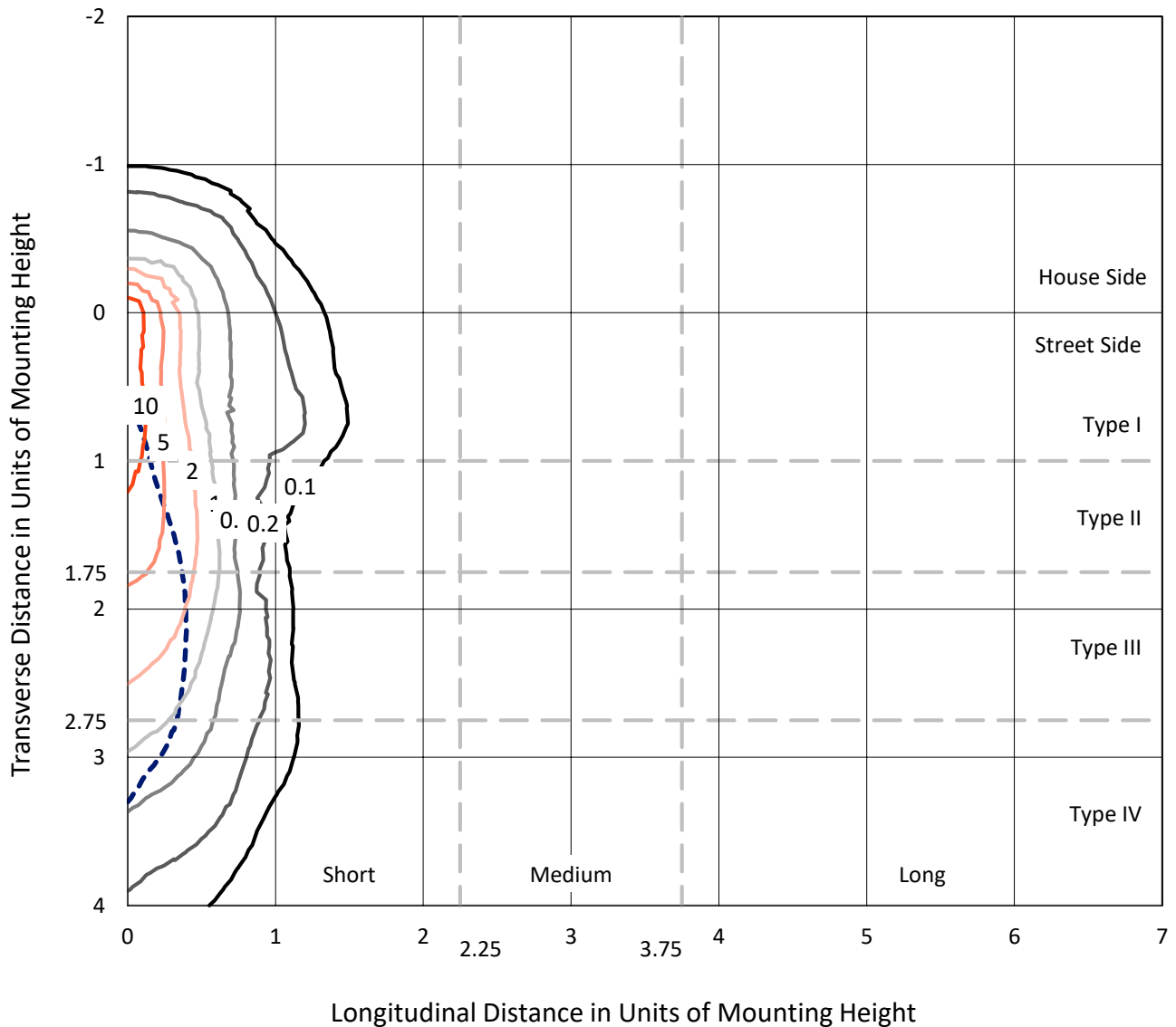
Input Watts (W): 391
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P324451
 CATALOG NUMBER: GAN-SA7C-730-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

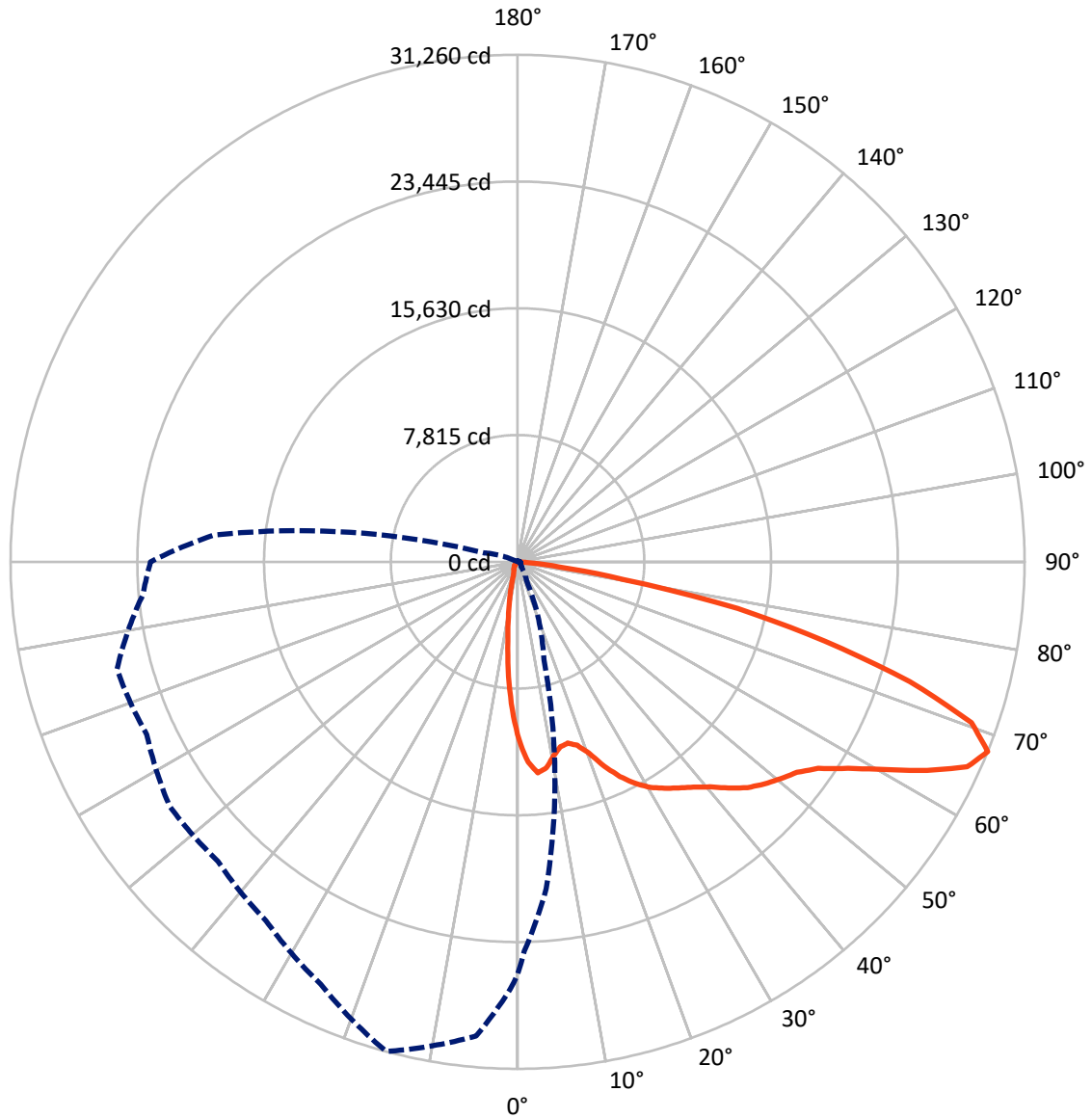
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17.6 fc
 Type IV - Medium - N/A

REPORT NUMBER: P324451
CATALOG NUMBER: GAN-SA7C-730-U-SLR-HSS

Luminous Intensity Polar Plot



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

REPORT NUMBER: P324451
 CATALOG NUMBER: GAN-SA7C-730-U-SLR-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4087.8	0.0	4087.8
	% Fixture	12.1	0.0	12.1
Street Side	Lumens	29686.2	0.0	29686.2
	% Fixture	87.9	0.0	87.9
Total	Lumens	33774.0	0.0	33774.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	844.4	2.5
10°-20°	1680.7	5.0
20°-30°	2386.6	7.1
30°-40°	3525.2	10.4
40°-50°	5084.1	15.1
50°-60°	7137.0	21.1
60°-70°	8319.7	24.6
70°-80°	4253.2	12.6
80°-90°	543.2	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°	33774.0	100.0
0°-180°	33774.0	100.0

Coefficient of Utilization

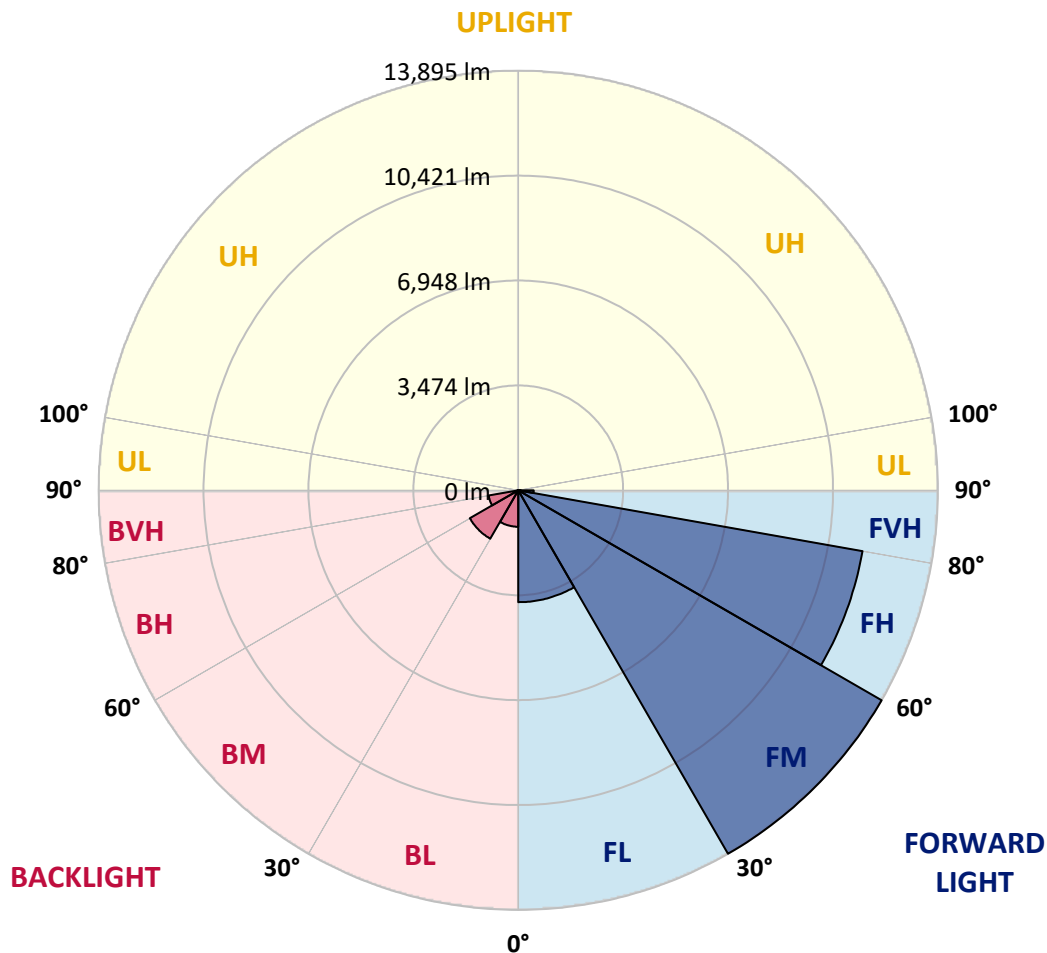


REPORT NUMBER: P324451
 CATALOG NUMBER: GAN-SA7C-730-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3704.3	11.0			
FM (30°-60°)	13895.2	41.1			
FH (60°-80°)	11576.5	34.3			G4/12000
FVH (80°-90°)	510.2	1.5			G4/750
BL (0°-30°)	1207.4	3.6	B3/2500		
BM (30°-60°)	1851.1	5.5	B2/2500		
BH (60°-80°)	996.3	2.9	B2/1000		G2/1000
BVH (80°-90°)	33.0	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-G4
 Type IV Medium





REPORT NUMBER: P324451
 CATALOG NUMBER: GAN-SA7C-730-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8
2.5°	12046.6	11953.8	11851.4	11517.0	11206.6	10851.4	10561.8	10360.2	10107.4	9779.4	9696.2
5°	11960.2	11861.0	11539.4	10795.4	10144.2	9510.6	8899.4	8541.0	8096.2	7645.0	7532.9
7.5°	11091.4	10987.4	10523.4	9504.2	8627.4	7712.2	6918.5	6427.3	5924.9	5512.1	5292.9
10°	10187.4	10073.8	9552.2	8315.4	7235.3	6408.1	5825.7	5356.9	4881.7	4440.1	4088.1
12.5°	9565.0	9416.2	8849.8	7448.1	6507.3	5945.7	5401.7	4840.1	4196.9	3723.3	3336.1
15°	9304.2	9134.6	8536.2	7113.7	6249.7	5590.5	4881.7	4192.1	3438.5	2896.1	2540.9
17.5°	9505.8	9285.0	8643.4	7091.3	5926.5	5028.9	4132.9	3323.3	2505.6	1956.8	1704.0
20°	10190.6	9901.0	9086.6	7084.9	5534.5	4361.7	3225.7	2310.4	1651.2	1328.0	1195.2
22.5°	11269.0	10886.6	9723.4	7136.1	5129.7	3660.9	2329.6	1569.6	1240.0	1072.0	993.6
25°	12571.4	12128.2	10640.2	7316.9	4774.5	2979.3	1692.8	1240.0	1046.4	923.2	857.6
27.5°	13809.9	13449.9	11798.6	7577.8	4499.3	2428.8	1374.4	1051.2	894.4	812.8	760.0
30°	15046.7	14593.9	12987.5	7888.2	4168.1	2056.0	1208.0	958.4	801.6	715.2	681.6
32.5°	15945.9	15569.9	13918.7	8112.2	3814.5	1812.8	1080.0	876.8	748.8	660.8	611.2
35°	17003.5	16577.9	14717.1	8161.8	3587.3	1659.2	971.2	788.8	649.6	571.2	518.4
37.5°	18146.0	17616.3	15638.7	8053.0	3409.7	1584.0	889.6	748.8	606.4	526.4	470.4
40°	19410.0	18811.6	16523.5	7896.2	3235.3	1558.4	827.2	718.4	572.8	491.2	433.6
42.5°	20741.2	20035.6	17289.9	7731.4	3124.9	1470.4	820.8	688.0	547.2	459.2	401.6
45°	21859.6	21144.4	18077.2	7677.0	3046.5	1374.4	848.0	667.2	529.6	433.6	377.6
47.5°	22750.9	22074.0	18883.6	7798.6	3001.7	1286.4	772.8	694.4	520.0	411.2	356.8
50°	23814.9	23048.5	20019.6	8161.8	2936.1	1198.4	699.2	795.2	520.0	396.8	339.2
52.5°	25149.3	24390.9	21286.8	8725.0	2804.9	1076.8	628.8	796.8	524.8	377.6	316.8
55°	26827.7	26277.3	23096.5	9342.6	2595.3	897.6	544.0	684.8	505.6	342.4	296.0
57.5°	28437.4	27987.8	24746.1	9765.0	2315.2	700.8	473.6	552.0	462.4	300.8	264.0
59°	28877.4	28386.2	25350.9	9784.2	2105.6	611.2	438.4	456.0	452.8	281.6	244.8
60°	28877.4	28355.8	25525.3	9681.8	1953.6	561.6	416.0	406.4	472.0	268.8	233.6
62.5°	28354.2	27621.3	24958.9	8989.0	1593.6	478.4	363.2	336.0	424.0	241.6	206.4
65°	27266.1	26198.9	23029.3	7736.2	1420.8	438.4	313.6	275.2	294.4	212.8	180.8
67.5°	25451.7	24005.3	20246.8	6249.7	1352.0	427.2	270.4	233.6	222.4	182.4	158.4
70°	22256.4	20651.6	16869.1	4913.7	1292.8	422.4	227.2	196.8	179.2	153.6	134.4
72.5°	16198.7	14525.1	11976.2	3841.7	1257.6	432.0	182.4	164.8	147.2	120.0	104.0
75°	9265.8	8169.8	6731.3	2537.7	1072.0	412.8	140.8	137.6	105.6	86.4	72.0
77.5°	4787.3	4641.7	4033.7	974.4	513.6	180.8	92.8	80.0	62.4	52.8	43.2
80°	2065.6	2043.2	1768.0	281.6	136.0	100.8	52.8	33.6	28.8	22.4	17.6
82.5°	713.6	713.6	628.8	94.4	60.8	49.6	6.4	0.0	0.0	0.0	0.0
85°	144.0	161.6	113.6	0.0	20.8	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: P324451
 CATALOG NUMBER: GAN-SA7C-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8
2.5°	9595.4	9401.8	9389.0	9267.4	9115.4	9046.6	9006.6	9077.0	9163.4	9173.0	9302.6
5°	7448.1	7244.9	7329.7	7113.7	7156.9	7113.7	7043.3	7056.1	7094.5	6974.5	7123.3
7.5°	5230.5	5076.9	5174.5	5116.9	5193.7	5224.1	5180.9	5116.9	4928.1	4905.7	5035.3
10°	3942.5	3768.1	3664.1	3555.3	3579.3	3628.9	3612.9	3566.5	3446.5	3452.9	3577.7
12.5°	3168.1	2972.9	2766.5	2499.2	2433.6	2470.4	2433.6	2406.4	2291.2	2300.8	2411.2
15°	2403.2	2243.2	2027.2	1812.8	1696.0	1707.2	1604.8	1532.8	1460.8	1374.4	1441.6
17.5°	1622.4	1524.8	1460.8	1396.8	1257.6	1225.6	1096.0	956.8	902.4	862.4	891.2
20°	1148.8	1096.0	1070.4	1067.2	987.2	947.2	820.8	734.4	707.2	699.2	716.8
22.5°	960.0	921.6	884.8	864.0	824.0	777.6	681.6	638.4	619.2	609.6	622.4
25°	835.2	806.4	768.0	732.8	716.8	667.2	598.4	566.4	553.6	544.0	550.4
27.5°	742.4	716.8	672.0	649.6	636.8	593.6	534.4	508.8	497.6	494.4	492.8
30°	668.8	644.8	603.2	577.6	555.2	516.8	481.6	456.0	444.8	441.6	438.4
32.5°	595.2	576.0	548.8	523.2	499.2	464.0	433.6	412.8	395.2	392.0	390.4
35°	502.4	483.2	468.8	467.2	444.8	411.2	388.8	361.6	347.2	342.4	344.0
37.5°	446.4	420.8	388.8	400.0	393.6	369.6	339.2	312.0	297.6	294.4	294.4
40°	411.2	384.0	347.2	328.0	347.2	342.4	294.4	267.2	252.8	251.2	248.0
42.5°	377.6	350.4	308.8	276.8	286.4	300.8	254.4	228.8	214.4	211.2	206.4
45°	353.6	324.8	278.4	241.6	222.4	252.8	217.6	185.6	177.6	171.2	168.0
47.5°	331.2	304.0	251.2	209.6	177.6	182.4	174.4	152.0	142.4	136.0	134.4
50°	312.0	283.2	227.2	179.2	147.2	134.4	140.8	120.0	112.0	105.6	102.4
52.5°	289.6	262.4	201.6	155.2	123.2	105.6	107.2	94.4	86.4	81.6	80.0
55°	272.0	244.8	180.8	136.0	108.8	86.4	76.8	73.6	68.8	65.6	64.0
57.5°	248.0	222.4	160.0	115.2	92.8	70.4	59.2	59.2	57.6	54.4	52.8
59°	233.6	211.2	147.2	104.0	84.8	60.8	52.8	54.4	52.8	49.6	48.0
60°	222.4	201.6	137.6	96.0	80.0	56.0	48.0	51.2	49.6	46.4	44.8
62.5°	196.8	182.4	118.4	80.0	70.4	44.8	40.0	43.2	43.2	41.6	40.0
65°	172.8	156.8	100.8	67.2	65.6	38.4	32.0	38.4	40.0	36.8	33.6
67.5°	150.4	134.4	88.0	54.4	60.8	30.4	24.0	32.0	43.2	33.6	30.4
70°	128.0	112.0	68.8	43.2	64.0	20.8	19.2	28.8	51.2	36.8	28.8
72.5°	99.2	86.4	48.0	32.0	68.8	14.4	14.4	24.0	57.6	40.0	27.2
75°	68.8	56.0	28.8	19.2	56.0	9.6	9.6	22.4	54.4	36.8	25.6
77.5°	40.0	30.4	9.6	1.6	28.8	0.0	1.6	16.0	38.4	22.4	11.2
80°	14.4	6.4	0.0	0.0	17.6	0.0	0.0	0.0	3.2	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: P324451
 CATALOG NUMBER: GAN-SA7C-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8
2.5°	9336.2	9552.2	9745.8	10038.6	10385.8	10785.8	11129.8	11499.4	11846.6	11990.6	12089.8
5°	7153.7	7420.9	7733.0	8163.4	8736.2	9441.8	10102.6	10849.8	11653.0	12054.6	12432.2
7.5°	5057.7	5329.7	5716.9	6174.5	6867.3	7707.4	8571.4	9603.4	10691.4	11326.6	11952.2
10°	3636.9	3971.3	4332.9	4958.5	5662.5	6459.3	7348.9	8501.0	9713.8	10417.8	11171.4
12.5°	2475.2	2856.1	3403.3	4104.1	4931.3	5712.1	6484.9	7584.2	8992.2	9689.8	10497.8
15°	1484.8	1696.0	2275.2	3086.5	4100.9	5073.7	5920.1	7022.5	8523.4	9377.8	10217.8
17.5°	915.2	1012.8	1328.0	1993.6	3059.3	4289.7	5449.7	6832.1	8590.6	9630.6	10529.8
20°	729.6	768.0	868.8	1177.6	2027.2	3425.7	4920.1	6793.7	9139.4	10419.4	11384.2
22.5°	633.6	670.4	737.6	856.0	1275.2	2564.9	4417.7	6828.9	9926.6	11601.8	12728.3
25°	558.4	590.4	654.4	752.0	934.4	1806.4	3880.1	6985.7	10952.2	13069.1	14265.9
27.5°	499.2	526.4	585.6	675.2	801.6	1260.8	3270.5	7176.1	12168.2	14569.9	15750.7
30°	444.8	468.8	521.6	604.8	696.0	969.6	2601.7	7305.7	13385.9	15750.7	16811.5
32.5°	398.4	416.0	464.0	534.4	604.8	772.8	1977.6	7284.9	14289.9	16733.1	17574.7
35°	350.4	368.0	409.6	470.4	526.4	638.4	1555.2	6896.1	15077.1	17752.4	18448.4
37.5°	297.6	320.0	360.0	414.4	452.8	561.6	1257.6	6427.3	15875.5	18917.2	19422.8
40°	252.8	275.2	310.4	369.6	393.6	532.8	966.4	5856.1	16773.1	20219.6	20491.6
42.5°	209.6	230.4	267.2	318.4	371.2	459.2	715.2	5203.3	17635.5	21333.2	21466.0
45°	169.6	190.4	228.8	280.0	396.8	380.8	553.6	4504.1	18331.6	22259.6	22302.8
47.5°	134.4	153.6	193.6	264.0	369.6	304.0	395.2	3955.3	18915.6	22982.9	22869.3
50°	104.0	120.0	161.6	302.4	323.2	251.2	299.2	3772.9	19438.8	23430.9	23136.5
52.5°	81.6	96.0	132.8	283.2	251.2	208.0	251.2	3944.1	20155.6	23802.1	23286.9
55°	65.6	80.0	104.0	161.6	171.2	176.0	214.4	4104.1	21392.4	24672.5	24174.9
57.5°	54.4	68.8	84.8	113.6	129.6	148.8	190.4	4121.7	22850.1	26118.9	25648.5
59°	49.6	62.4	76.8	100.8	113.6	136.0	179.2	4025.7	23363.7	26645.3	26410.1
60°	46.4	59.2	72.0	92.8	105.6	128.0	172.8	3934.5	23386.1	26626.1	26734.9
62.5°	40.0	52.8	64.0	78.4	89.6	108.8	155.2	3596.9	22438.8	25754.1	26539.7
65°	35.2	46.4	57.6	67.2	76.8	97.6	140.8	2980.9	20821.2	24347.7	25203.7
67.5°	32.0	40.0	52.8	59.2	68.8	86.4	124.8	2124.8	18800.4	22627.6	23182.9
70°	28.8	38.4	48.0	54.4	62.4	75.2	107.2	1220.8	15875.5	20109.2	20504.4
72.5°	27.2	36.8	43.2	51.2	56.0	67.2	97.6	574.4	11624.2	16109.1	17141.1
75°	24.0	33.6	40.0	48.0	52.8	60.8	83.2	275.2	7731.4	11657.8	12830.7
77.5°	14.4	27.2	36.8	43.2	46.4	52.8	68.8	158.4	4934.5	8069.0	9504.2
80°	0.0	9.6	27.2	36.8	40.0	44.8	52.8	124.8	2640.1	4609.7	5532.9
82.5°	0.0	0.0	19.2	28.8	27.2	30.4	40.0	78.4	1190.4	3012.9	3395.3
85°	0.0	0.0	6.4	22.4	19.2	14.4	27.2	27.2	260.8	1524.8	1902.4
87.5°	0.0	0.0	0.0	1.6	9.6	6.4	11.2	3.2	1.6	113.6	460.8
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: P324451
 CATALOG NUMBER: GAN-SA7C-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8	11001.8
2.5°	12437.0	12555.4	12755.5	12849.9	12803.5	12606.6	12371.4	12131.4	11990.6	12046.6
5°	13201.9	13811.5	14163.5	14280.3	14085.1	13643.5	13065.9	12304.2	12033.8	11960.2
7.5°	13201.9	14349.1	15075.5	15203.5	14768.3	13902.7	12819.5	11630.6	11235.4	11091.4
10°	12737.9	14299.5	15312.3	15515.5	14907.5	13613.1	12161.8	10805.0	10336.2	10187.4
12.5°	12214.6	13896.3	14963.5	15243.5	14744.3	13325.1	11705.8	10246.6	9694.6	9565.0
15°	11893.0	13400.3	14283.5	14486.7	14275.5	13157.1	11597.0	10078.6	9429.0	9304.2
17.5°	12008.2	13016.3	13334.7	13453.1	13595.5	13097.9	11893.0	10446.6	9624.2	9505.8
20°	12441.8	12611.4	12446.6	12595.4	12979.5	13155.5	12598.6	11336.2	10349.0	10190.6
22.5°	13177.9	12401.8	11939.4	11998.6	12465.8	13345.9	13677.1	12606.6	11467.4	11269.0
25°	14035.5	12571.4	11657.8	11605.0	12085.0	13597.1	14662.7	13989.1	12790.7	12571.4
27.5°	15113.9	12952.3	11600.2	11547.4	11952.2	13832.3	15481.9	15355.5	14184.3	13809.9
30°	15945.9	13326.7	11771.4	11649.8	12085.0	13995.5	16139.5	16515.5	15294.7	15046.7
32.5°	16542.7	13768.3	12049.8	11873.8	12459.4	14277.1	16646.7	17577.9	16321.9	15945.9
35°	16997.1	14248.3	12499.4	12209.8	12974.7	14704.3	17121.9	18709.2	17414.7	17003.5
37.5°	17422.7	14921.9	13201.9	12856.3	13782.7	15392.3	17624.3	19992.4	18637.2	18146.0
40°	18016.4	15685.1	14285.1	13977.9	15141.1	16329.9	18251.6	21330.0	20027.6	19410.0
42.5°	18610.0	16504.3	15393.9	15477.1	16835.5	17469.1	19061.2	22744.5	21400.4	20741.2
45°	19152.4	17349.1	16973.1	17357.1	18408.4	18718.8	19866.0	23562.1	22496.4	21859.6
47.5°	19635.6	18405.2	18542.8	19565.2	20197.2	19850.0	20467.6	24267.7	23312.5	22750.9
50°	20197.2	19771.6	20611.6	22058.0	22256.4	20874.0	21014.8	25102.9	24266.1	23814.9
52.5°	20811.6	21211.6	22902.9	24178.1	24114.1	21986.0	21565.2	26038.9	25573.3	25149.3
55°	21509.2	22374.8	24920.5	26162.1	26107.7	23227.7	22477.2	27195.7	27211.7	26827.7
57.5°	22544.4	23376.5	26290.1	27766.9	27858.2	24661.3	24022.9	28491.8	28693.4	28437.4
59°	23286.9	24026.1	26832.5	28437.4	28808.6	25770.1	25152.5	29243.8	29111.0	28877.4
60°	23837.3	24438.9	27101.3	28787.8	29360.6	26522.1	25986.1	29685.4	29160.6	28877.4
62.5°	25198.9	25338.1	27586.1	29184.6	29995.8	28192.6	28331.8	30437.4	28816.6	28354.2
65°	25834.1	25906.1	27579.7	28474.2	29381.4	29493.4	30459.8	30459.8	27976.6	27266.1
67.5°	25568.5	25221.3	26211.7	26118.9	27024.5	28720.6	31259.8	29343.0	26370.1	25451.7
70°	23408.5	22072.4	21632.4	21672.4	22365.2	24981.3	29675.8	26056.5	23330.1	22256.4
72.5°	19477.2	16272.3	15185.9	16425.9	16606.7	19198.8	25290.1	19622.8	17205.1	16198.7
75°	15665.9	11470.6	9704.2	11013.0	11320.2	14049.9	19563.6	12221.0	10049.8	9265.8
77.5°	11254.6	8233.8	6963.3	6872.1	7268.9	8910.6	13881.9	6150.5	5129.7	4787.3
80°	6393.7	5419.3	5835.3	5505.7	5705.7	5571.3	6595.3	2697.7	2209.6	2065.6
82.5°	3859.3	3203.3	3468.9	2888.1	3654.5	3182.5	2540.9	864.0	750.4	713.6
85°	2510.4	1750.4	912.0	611.2	1259.2	2033.6	568.0	235.2	180.8	144.0
87.5°	865.6	446.4	44.8	19.2	134.4	379.2	20.8	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)