

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: P324453

Luminaire Tested: **GAN-SA9C-730-U-SLR-HSS**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P324453  
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-730-U-SLR-HSS  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 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: 42687 lumens  
Efficiency: N/A  
Efficacy: 85.2 lumens/watt  
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B3 - U0 - G5

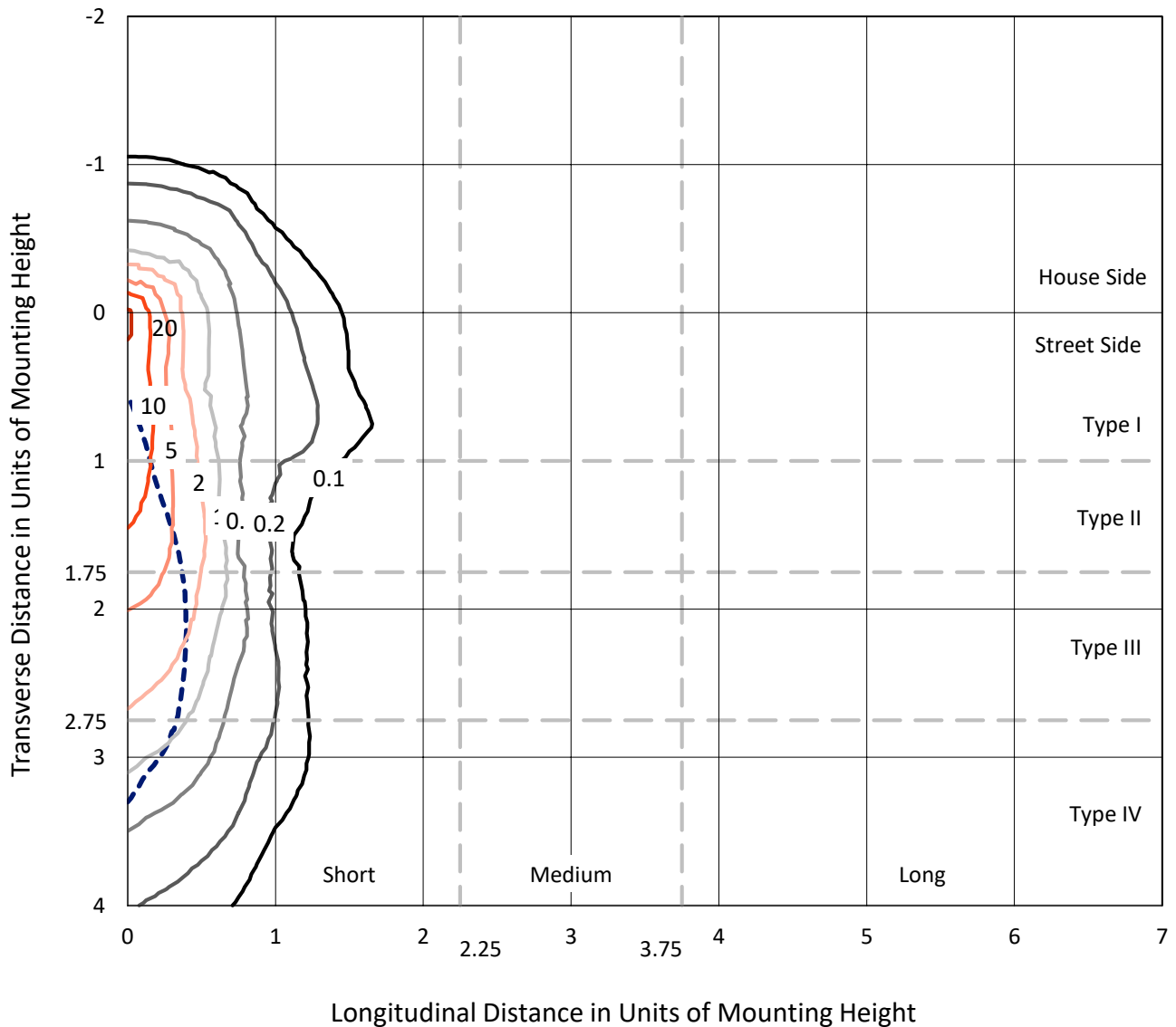
Input Watts (W): 501  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P324453  
 CATALOG NUMBER: GAN-SA9C-730-U-SLR-HSS

### Iso-Footcandle Lines of Horizontal Illumination

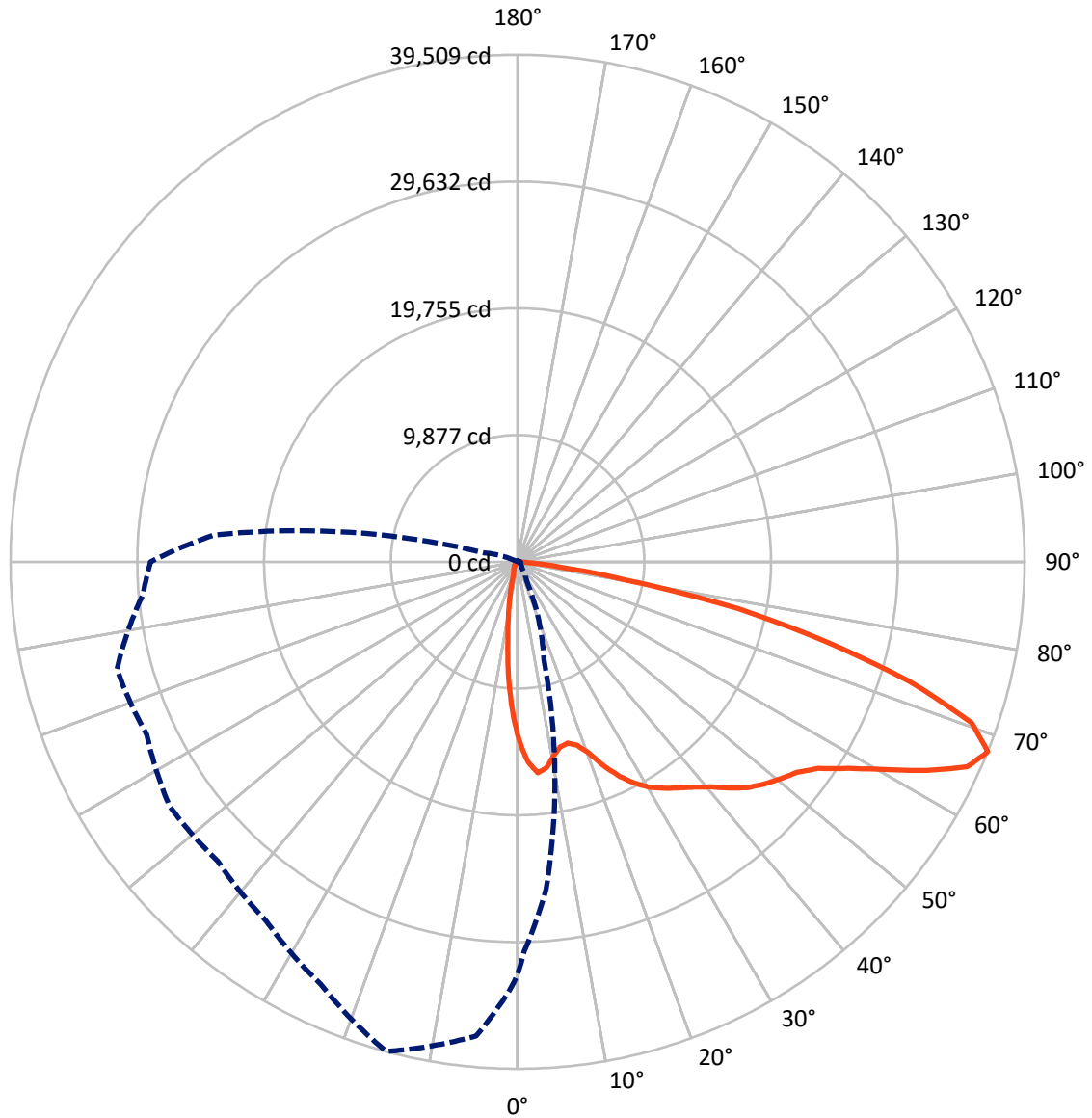
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 22.2 fc  
 Type IV - Medium - N/A

REPORT NUMBER: P324453  
CATALOG NUMBER: GAN-SA9C-730-U-SLR-HSS

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P324453  
 CATALOG NUMBER: GAN-SA9C-730-U-SLR-HSS

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5166.5	0.0	5166.5
	% Fixture	12.1	0.0	12.1
<b>Street Side</b>	Lumens	37520.5	0.0	37520.5
	% Fixture	87.9	0.0	87.9
<b>Total</b>	Lumens	42687.0	0.0	42687.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1067.2	2.5
10°-20°	2124.3	5.0
20°-30°	3016.5	7.1
30°-40°	4455.5	10.4
40°-50°	6425.8	15.1
50°-60°	9020.4	21.1
60°-70°	10515.2	24.6
70°-80°	5375.6	12.6
80°-90°	686.5	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°	42687.0	100.0
0°-180°	42687.0	100.0

**Coefficient of Utilization**

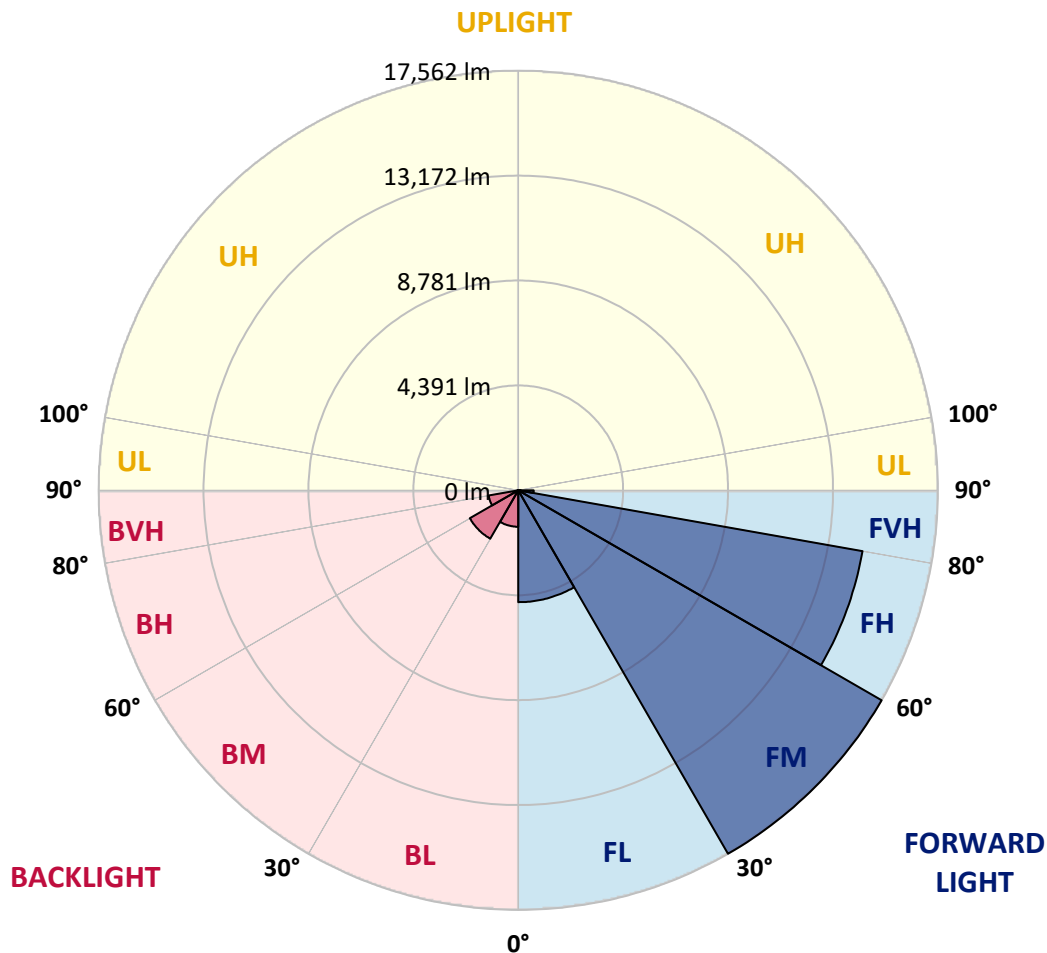


REPORT NUMBER: P324453  
 CATALOG NUMBER: GAN-SA9C-730-U-SLR-HSS

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4681.9	11.0			
FM (30°-60°)	17562.1	41.1			
FH (60°-80°)	14631.6	34.3			G5
FVH (80°-90°)	644.8	1.5			G4/750
BL (0°-30°)	1526.0	3.6	B3/2500		
BM (30°-60°)	2339.6	5.5	B2/2500		
BH (60°-80°)	1259.2	2.9	B3/2500		G3/2500
BVH (80°-90°)	41.7	0.1			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G5**  
 Type IV Medium





REPORT NUMBER: P324453

CATALOG NUMBER: GAN-SA9C-730-U-SLR-HSS

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2
2.5°	15225.8	15108.5	14979.0	14556.4	14164.1	13715.1	13349.1	13094.3	12774.8	12360.2	12255.0
5°	15116.6	14991.2	14584.7	13644.3	12821.3	12020.4	11247.9	10794.9	10232.7	9662.5	9520.9
7.5°	14018.5	13887.0	13300.5	12012.4	10904.1	9747.4	8744.3	8123.5	7488.5	6966.8	6689.7
10°	12875.9	12732.3	12073.0	10509.8	9144.8	8099.2	7363.1	6770.6	6170.0	5611.8	5166.9
12.5°	12089.2	11901.1	11185.2	9413.7	8224.6	7514.8	6827.2	6117.4	5304.4	4705.9	4216.5
15°	11759.6	11545.2	10788.9	8991.1	7899.0	7065.9	6170.0	5298.4	4345.9	3660.3	3211.4
17.5°	12014.4	11735.3	10924.4	8962.8	7490.5	6356.0	5223.6	4200.3	3166.9	2473.3	2153.7
20°	12879.9	12513.9	11484.5	8954.7	6995.1	5512.7	4076.9	2920.2	2087.0	1678.5	1510.6
22.5°	14242.9	13759.6	12289.4	9019.4	6483.4	4627.0	2944.4	1983.9	1567.3	1354.9	1255.8
25°	15889.1	15328.9	13448.2	9247.9	6034.5	3765.5	2139.6	1567.3	1322.6	1166.9	1083.9
27.5°	17454.3	16999.3	14912.3	9577.5	5686.7	3069.8	1737.1	1328.6	1130.5	1027.3	960.6
30°	19017.5	18445.2	16414.9	9969.9	5268.0	2598.6	1526.8	1211.3	1013.2	904.0	861.5
32.5°	20154.1	19678.8	17591.8	10253.0	4821.1	2291.2	1365.0	1108.2	946.4	835.2	772.5
35°	21490.8	20952.9	18600.9	10315.7	4534.0	2097.1	1227.5	997.0	821.0	722.0	655.2
37.5°	22934.7	22265.3	19765.8	10178.1	4309.5	2002.1	1124.4	946.4	766.4	665.3	594.6
40°	24532.3	23776.0	20884.1	9980.0	4089.1	1969.7	1045.5	908.0	724.0	620.8	548.0
42.5°	26214.8	25323.0	21852.8	9771.7	3949.5	1858.5	1037.4	869.6	691.6	580.4	507.6
45°	27628.4	26724.5	22847.7	9702.9	3850.4	1737.1	1071.8	843.3	669.4	548.0	477.3
47.5°	28754.8	27899.4	23867.0	9856.6	3793.8	1625.9	976.8	877.7	657.2	519.7	451.0
50°	30099.6	29131.0	25302.8	10315.7	3710.9	1514.7	883.7	1005.1	657.2	501.5	428.7
52.5°	31786.2	30827.7	26904.4	11027.5	3545.1	1361.0	794.8	1007.1	663.3	477.3	400.4
55°	33907.6	33211.9	29191.6	11808.1	3280.1	1134.5	687.6	865.5	639.0	432.8	374.1
57.5°	35942.0	35373.8	31276.6	12342.0	2926.2	885.8	598.6	697.7	584.4	380.2	333.7
59°	36498.1	35877.3	32041.0	12366.3	2661.3	772.5	554.1	576.4	572.3	355.9	309.4
60°	36498.1	35838.9	32261.5	12236.8	2469.2	709.8	525.8	513.7	596.6	339.7	295.3
62.5°	35836.9	34910.7	31545.6	11361.2	2014.2	604.7	459.1	424.7	535.9	305.4	260.9
65°	34461.7	33112.8	29106.7	9777.7	1795.8	554.1	396.4	347.8	372.1	269.0	228.5
67.5°	32168.4	30340.3	25590.0	7899.0	1708.8	539.9	341.8	295.3	281.1	230.5	200.2
70°	28129.9	26101.6	21320.9	6210.4	1634.0	533.9	287.2	248.7	226.5	194.1	169.9
72.5°	20473.6	18358.3	15136.8	4855.5	1589.5	546.0	230.5	208.3	186.0	151.7	131.4
75°	11711.0	10325.8	8507.7	3207.3	1354.9	521.7	178.0	173.9	133.5	109.2	91.0
77.5°	6050.7	5866.6	5098.2	1231.6	649.2	228.5	117.3	101.1	78.9	66.7	54.6
80°	2610.8	2582.5	2234.6	355.9	171.9	127.4	66.7	42.5	36.4	28.3	22.2
82.5°	901.9	901.9	794.8	119.3	76.8	62.7	8.1	0.0	0.0	0.0	0.0
85°	182.0	204.3	143.6	0.0	26.3	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: P324453  
 CATALOG NUMBER: GAN-SA9C-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2
2.5°	12127.6	11882.9	11866.8	11713.1	11520.9	11434.0	11383.4	11472.4	11581.6	11593.7	11757.5
5°	9413.7	9156.9	9264.1	8991.1	9045.7	8991.1	8902.1	8918.3	8966.8	8815.1	9003.2
7.5°	6610.8	6416.7	6540.1	6467.3	6564.3	6602.8	6548.1	6467.3	6228.6	6200.3	6364.1
10°	4982.9	4762.5	4631.0	4493.5	4523.8	4586.5	4566.3	4507.7	4356.0	4364.1	4521.8
12.5°	4004.1	3757.4	3496.5	3158.8	3075.9	3122.4	3075.9	3041.5	2895.9	2908.0	3047.6
15°	3037.5	2835.2	2562.2	2291.2	2143.6	2157.8	2028.3	1937.3	1846.3	1737.1	1822.1
17.5°	2050.6	1927.2	1846.3	1765.5	1589.5	1549.1	1385.3	1209.3	1140.6	1090.0	1126.4
20°	1452.0	1385.3	1352.9	1348.9	1247.7	1197.2	1037.4	928.2	893.8	883.7	906.0
22.5°	1213.4	1164.8	1118.3	1092.0	1041.5	982.8	861.5	806.9	782.6	770.5	786.7
25°	1055.6	1019.2	970.7	926.2	906.0	843.3	756.3	715.9	699.7	687.6	695.7
27.5°	938.3	906.0	849.4	821.0	804.9	750.3	675.4	643.1	628.9	624.9	622.9
30°	845.3	815.0	762.4	730.0	701.7	653.2	608.7	576.4	562.2	558.1	554.1
32.5°	752.3	728.0	693.6	661.3	631.0	586.5	548.0	521.7	499.5	495.5	493.4
35°	635.0	610.7	592.5	590.5	562.2	519.7	491.4	457.0	438.8	432.8	434.8
37.5°	564.2	531.9	491.4	505.6	497.5	467.1	428.7	394.3	376.1	372.1	372.1
40°	519.7	485.3	438.8	414.6	438.8	432.8	372.1	337.7	319.5	317.5	313.5
42.5°	477.3	442.9	390.3	349.9	362.0	380.2	321.5	289.2	271.0	266.9	260.9
45°	446.9	410.5	351.9	305.4	281.1	319.5	275.0	234.6	224.5	216.4	212.3
47.5°	418.6	384.2	317.5	264.9	224.5	230.5	220.4	192.1	180.0	171.9	169.9
50°	394.3	357.9	287.2	226.5	186.0	169.9	178.0	151.7	141.6	133.5	129.4
52.5°	366.0	331.7	254.8	196.2	155.7	133.5	135.5	119.3	109.2	103.1	101.1
55°	343.8	309.4	228.5	171.9	137.5	109.2	97.1	93.0	87.0	82.9	80.9
57.5°	313.5	281.1	202.2	145.6	117.3	89.0	74.8	74.8	72.8	68.8	66.7
59°	295.3	266.9	186.0	131.4	107.2	76.8	66.7	68.8	66.7	62.7	60.7
60°	281.1	254.8	173.9	121.3	101.1	70.8	60.7	64.7	62.7	58.6	56.6
62.5°	248.7	230.5	149.6	101.1	89.0	56.6	50.6	54.6	54.6	52.6	50.6
65°	218.4	198.2	127.4	84.9	82.9	48.5	40.4	48.5	50.6	46.5	42.5
67.5°	190.1	169.9	111.2	68.8	76.8	38.4	30.3	40.4	54.6	42.5	38.4
70°	161.8	141.6	87.0	54.6	80.9	26.3	24.3	36.4	64.7	46.5	36.4
72.5°	125.4	109.2	60.7	40.4	87.0	18.2	18.2	30.3	72.8	50.6	34.4
75°	87.0	70.8	36.4	24.3	70.8	12.1	12.1	28.3	68.8	46.5	32.4
77.5°	50.6	38.4	12.1	2.0	36.4	0.0	2.0	20.2	48.5	28.3	14.2
80°	18.2	8.1	0.0	0.0	22.2	0.0	0.0	0.0	4.0	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: P324453  
 CATALOG NUMBER: GAN-SA9C-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2
2.5°	11800.0	12073.0	12317.7	12687.8	13126.6	13632.2	14067.0	14534.1	14973.0	15155.0	15280.4
5°	9041.6	9379.3	9773.7	10317.7	11041.7	11933.5	12768.7	13713.1	14728.3	15235.9	15713.1
7.5°	6392.4	6736.2	7225.6	7804.0	8679.6	9741.3	10833.4	12137.7	13512.9	14315.7	15106.4
10°	4596.6	5019.3	5476.3	6267.1	7156.9	8164.0	9288.3	10744.4	12277.3	13167.1	14119.6
12.5°	3128.5	3609.8	4301.4	5187.2	6232.7	7219.5	8196.3	9585.6	11365.2	12246.9	13268.2
15°	1876.7	2143.6	2875.7	3901.0	5183.1	6412.7	7482.4	8875.8	10772.7	11852.6	12914.3
17.5°	1156.7	1280.1	1678.5	2519.8	3866.6	5421.7	6887.9	8635.1	10857.6	12172.1	13308.6
20°	922.2	970.7	1098.1	1488.4	2562.2	4329.7	6218.5	8586.6	11551.3	13169.1	14388.5
22.5°	800.8	847.3	932.3	1081.9	1611.8	3241.7	5583.5	8631.1	12546.2	14663.6	16087.3
25°	705.8	746.2	827.1	950.5	1181.0	2283.2	4904.0	8829.3	13842.5	16518.0	18030.7
27.5°	631.0	665.3	740.2	853.4	1013.2	1593.6	4133.5	9069.9	15379.5	18414.9	19907.3
30°	562.2	592.5	659.3	764.4	879.7	1225.5	3288.2	9233.7	16918.4	19907.3	21248.1
32.5°	503.5	525.8	586.5	675.4	764.4	976.8	2499.5	9207.4	18061.0	21149.0	22212.7
35°	442.9	465.1	517.7	594.6	665.3	806.9	1965.7	8716.0	19056.0	22437.2	23316.9
37.5°	376.1	404.5	455.0	523.8	572.3	709.8	1589.5	8123.5	20065.1	23909.4	24548.5
40°	319.5	347.8	392.3	467.1	497.5	673.4	1221.5	7401.6	21199.6	25555.6	25899.4
42.5°	264.9	291.2	337.7	402.4	469.2	580.4	904.0	6576.5	22289.6	26963.1	27130.9
45°	214.4	240.7	289.2	353.9	501.5	481.3	699.7	5692.7	23169.3	28134.0	28188.6
47.5°	169.9	194.1	244.7	333.7	467.1	384.2	499.5	4999.1	23907.4	29048.1	28904.5
50°	131.4	151.7	204.3	382.2	408.5	317.5	378.2	4768.5	24568.7	29614.3	29242.2
52.5°	103.1	121.3	167.8	357.9	317.5	262.9	317.5	4984.9	25474.7	30083.5	29432.3
55°	82.9	101.1	131.4	204.3	216.4	222.5	271.0	5187.2	27037.9	31183.6	30554.7
57.5°	68.8	87.0	107.2	143.6	163.8	188.1	240.7	5209.4	28880.2	33011.7	32417.2
59°	62.7	78.9	97.1	127.4	143.6	171.9	226.5	5088.1	29529.4	33677.1	33379.8
60°	58.6	74.8	91.0	117.3	133.5	161.8	218.4	4972.8	29557.7	33652.8	33790.3
62.5°	50.6	66.7	80.9	99.1	113.2	137.5	196.2	4546.1	28360.5	32550.7	33543.6
65°	44.5	58.6	72.8	84.9	97.1	123.4	178.0	3767.5	26316.0	30773.1	31855.0
67.5°	40.4	50.6	66.7	74.8	87.0	109.2	157.7	2685.6	23761.8	28599.1	29300.8
70°	36.4	48.5	60.7	68.8	78.9	95.0	135.5	1543.0	20065.1	25416.0	25915.5
72.5°	34.4	46.5	54.6	64.7	70.8	84.9	123.4	726.0	14691.9	20360.3	21664.7
75°	30.3	42.5	50.6	60.7	66.7	76.8	105.2	347.8	9771.7	14734.3	16216.7
77.5°	18.2	34.4	46.5	54.6	58.6	66.7	87.0	200.2	6236.7	10198.4	12012.4
80°	0.0	12.1	34.4	46.5	50.6	56.6	66.7	157.7	3336.8	5826.2	6993.1
82.5°	0.0	0.0	24.3	36.4	34.4	38.4	50.6	99.1	1504.6	3808.0	4291.3
85°	0.0	0.0	8.1	28.3	24.3	18.2	34.4	34.4	329.6	1927.2	2404.5
87.5°	0.0	0.0	0.0	2.0	12.1	8.1	14.2	4.0	2.0	143.6	582.4
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: P324453  
 CATALOG NUMBER: GAN-SA9C-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2	13905.2
2.5°	15719.2	15868.8	16121.6	16240.9	16182.3	15933.6	15636.3	15332.9	15155.0	15225.8
5°	16685.8	17456.3	17901.2	18048.9	17802.1	17244.0	16514.0	15551.3	15209.6	15116.6
7.5°	16685.8	18135.8	19053.9	19215.7	18665.7	17571.6	16202.5	14700.0	14200.5	14018.5
10°	16099.4	18073.1	19353.2	19610.1	18841.6	17205.6	15371.4	13656.5	13063.9	12875.9
12.5°	15438.1	17563.5	18912.4	19266.3	18635.3	16841.6	14795.0	12950.7	12253.0	12089.2
15°	15031.6	16936.6	18052.9	18309.7	18042.8	16629.2	14657.5	12738.4	11917.3	11759.6
17.5°	15177.2	16451.3	16853.7	17003.3	17183.3	16554.4	15031.6	13203.5	12164.0	12014.4
20°	15725.3	15939.6	15731.3	15919.4	16404.8	16627.2	15923.4	14327.9	13080.1	12879.9
22.5°	16655.5	15674.7	15090.3	15165.1	15755.6	16867.9	17286.5	15933.6	14493.7	14242.9
25°	17739.5	15889.1	14734.3	14667.6	15274.3	17185.4	18532.2	17680.8	16166.1	15889.1
27.5°	19102.5	16370.4	14661.5	14594.8	15106.4	17482.6	19567.6	19407.8	17927.5	17454.3
30°	20154.1	16843.6	14877.9	14724.2	15274.3	17688.9	20398.8	20874.0	19331.0	19017.5
32.5°	20908.4	17401.7	15229.8	15007.4	15747.5	18044.8	21039.8	22216.8	20629.3	20154.1
35°	21482.7	18008.4	15798.1	15432.0	16398.7	18584.8	21640.4	23646.5	22010.5	21490.8
37.5°	22020.6	18859.8	16685.8	16249.0	17419.9	19454.4	22275.4	25268.4	23555.5	22934.7
40°	22770.9	19824.4	18054.9	17666.7	19136.9	20639.4	23068.2	26959.0	25312.9	24532.3
42.5°	23521.2	20859.8	19456.4	19561.5	21278.5	22079.3	24091.4	28746.7	27048.0	26214.8
45°	24206.7	21927.6	21452.4	21937.7	23266.4	23658.7	25108.7	29780.1	28433.3	27628.4
47.5°	24817.4	23262.3	23436.2	24728.5	25527.3	25088.4	25869.0	30672.0	29464.6	28754.8
50°	25527.3	24989.3	26051.0	27879.2	28129.9	26382.7	26560.7	31727.6	30669.9	30099.6
52.5°	26303.8	26809.4	28946.9	30558.7	30477.8	27788.2	27256.3	32910.6	32322.1	31786.2
55°	27185.5	28279.6	31497.0	33066.3	32997.6	29357.5	28409.0	34372.7	34393.0	33907.6
57.5°	28494.0	29545.5	33228.1	35094.7	35210.0	31169.4	30362.5	36010.8	36265.6	35942.0
59°	29432.3	30366.6	33913.7	35942.0	36411.2	32570.9	31790.3	36961.2	36793.4	36498.1
60°	30128.0	30888.3	34253.4	36384.9	37108.9	33521.3	32843.9	37519.4	36856.1	36498.1
62.5°	31848.9	32024.9	34866.2	36886.4	37911.7	35632.6	35808.5	38469.9	36421.3	35836.9
65°	32651.8	32742.8	34858.1	35988.5	37135.2	37276.7	38498.2	38498.2	35359.6	34461.7
67.5°	32316.1	31877.2	33129.0	33011.7	34156.3	36300.0	39509.3	37086.6	33329.2	32168.4
70°	29586.0	27897.4	27341.3	27391.8	28267.5	31573.9	37507.3	32932.9	29486.9	28129.9
72.5°	24617.2	20566.6	19193.5	20760.7	20989.3	24265.4	31964.2	24801.3	21745.6	20473.6
75°	19800.2	14497.7	12265.1	13919.4	14307.6	17757.7	24726.4	15446.2	12702.0	11711.0
77.5°	14224.7	10406.7	8801.0	8685.7	9187.2	11262.1	17545.3	7773.7	6483.4	6050.7
80°	8081.0	6849.5	7375.3	6958.7	7211.5	7041.6	8335.8	3409.6	2792.8	2610.8
82.5°	4877.7	4048.6	4384.3	3650.2	4618.9	4022.3	3211.4	1092.0	948.5	901.9
85°	3173.0	2212.4	1152.7	772.5	1591.5	2570.3	717.9	297.3	228.5	182.0
87.5°	1094.1	564.2	56.6	24.3	169.9	479.3	26.3	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)