

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: P324504

Luminaire Tested: **GAN-SA0D-740-U-SLR-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P324504
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-SA0D-740-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(10) 70 CRI, 4000K, 1200mA 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: 56931 lumens
Efficiency: N/A
Efficacy: 89.0 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

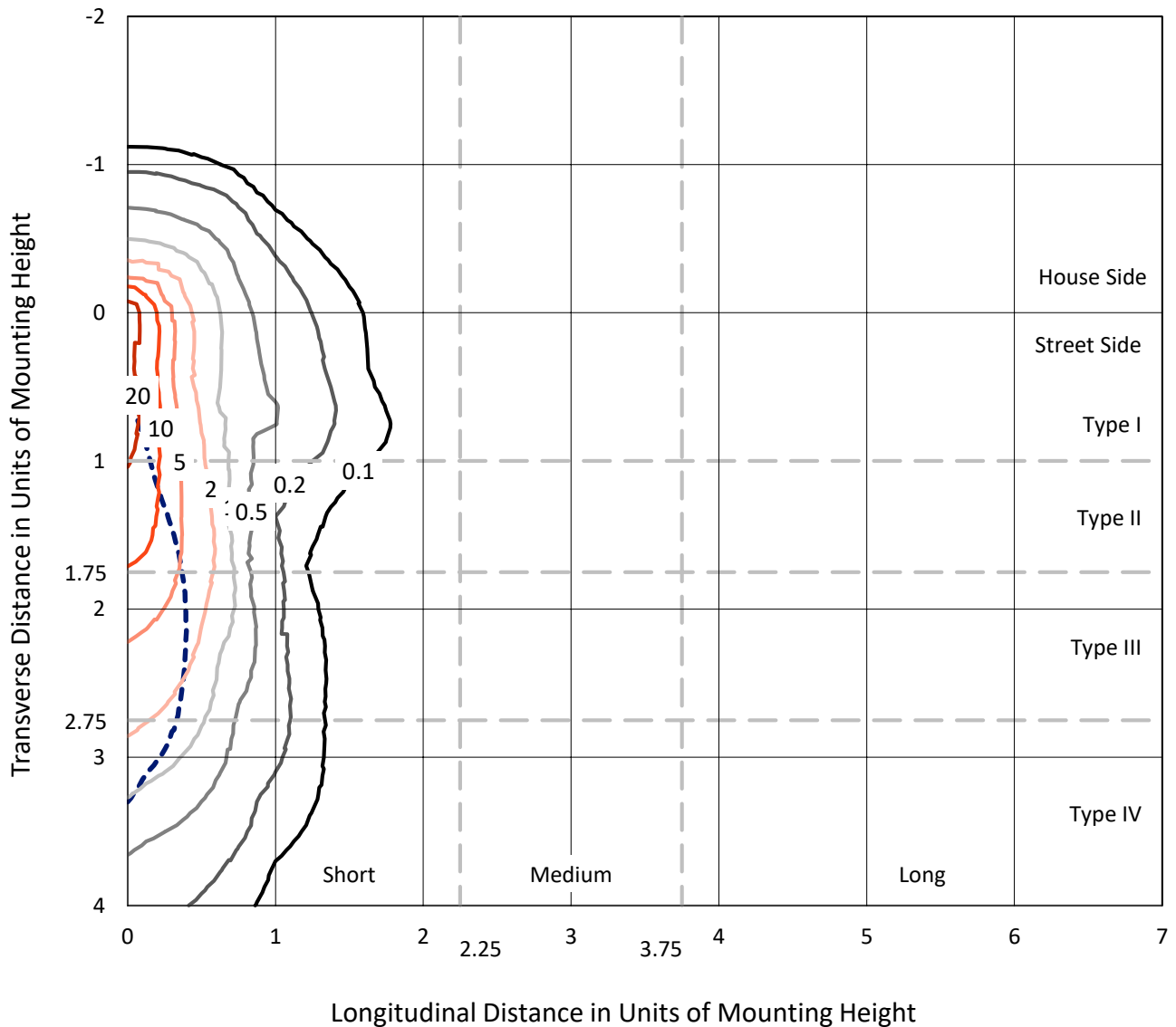
Input Watts (W): 640
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P324504
 CATALOG NUMBER: GAN-SA0D-740-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

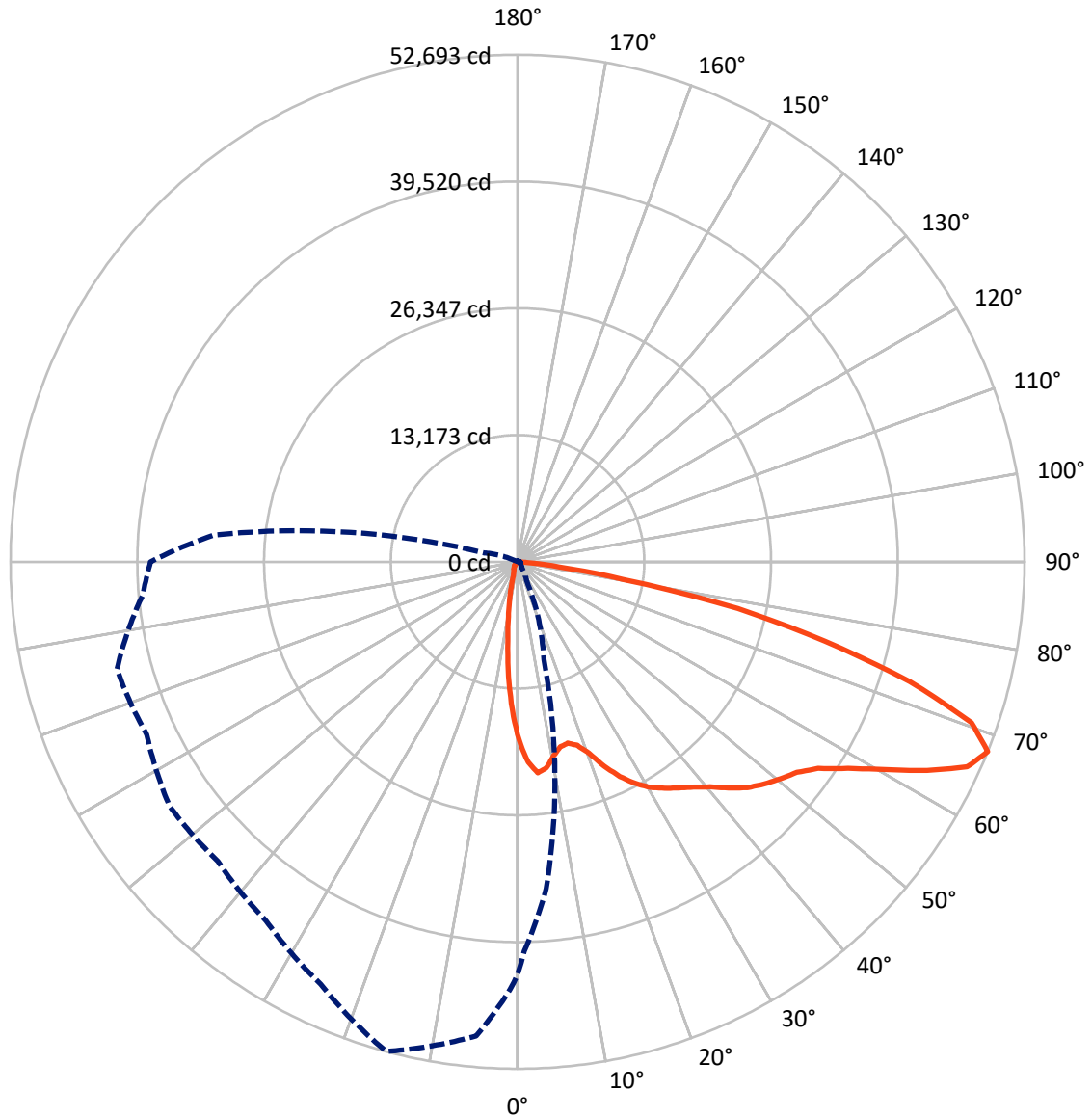
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 29.7 fc
 Type IV - Medium - N/A

REPORT NUMBER: P324504
CATALOG NUMBER: GAN-SA0D-740-U-SLR-HSS

Luminous Intensity Polar Plot



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

REPORT NUMBER: P324504
 CATALOG NUMBER: GAN-SA0D-740-U-SLR-HSS

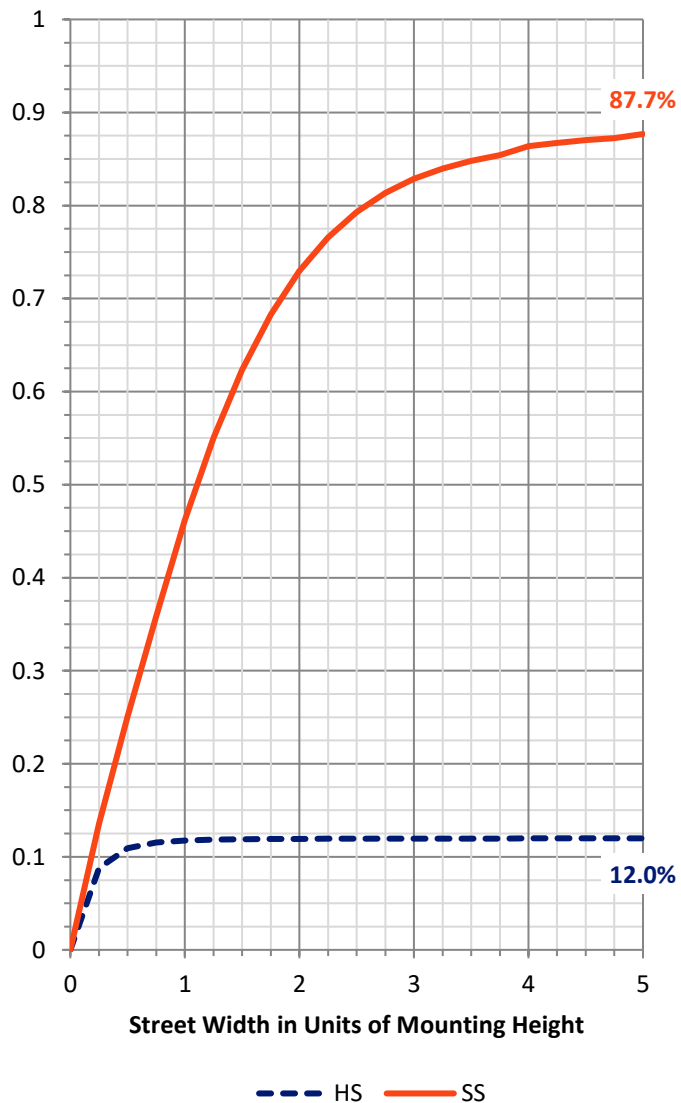
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6890.5	0.0	6890.5
	% Fixture	12.1	0.0	12.1
Street Side	Lumens	50040.5	0.0	50040.5
	% Fixture	87.9	0.0	87.9
Total	Lumens	56931.0	0.0	56931.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1423.3	2.5
10°-20°	2833.1	5.0
20°-30°	4023.0	7.1
30°-40°	5942.2	10.4
40°-50°	8569.9	15.1
50°-60°	12030.4	21.1
60°-70°	14024.0	24.6
70°-80°	7169.3	12.6
80°-90°	915.6	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°	56931.0	100.0
0°-180°	56931.0	100.0

Coefficient of Utilization

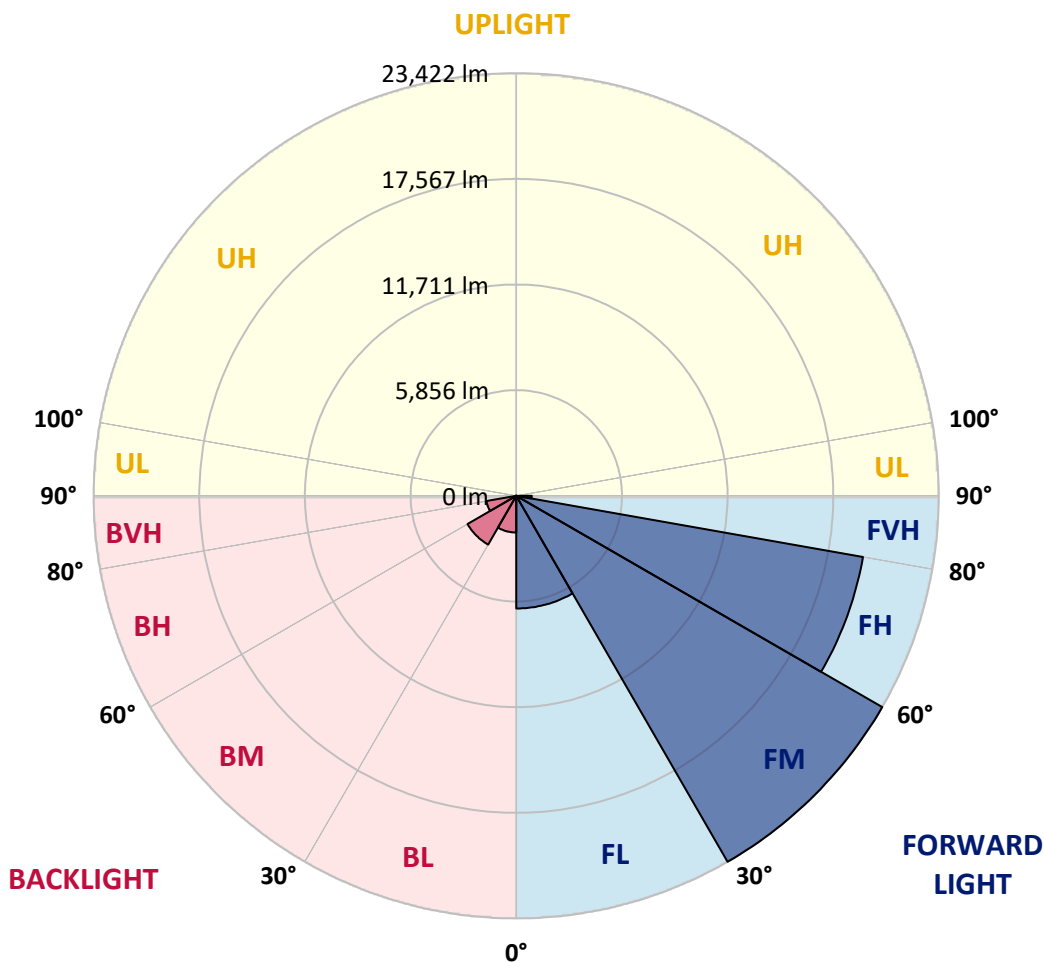


REPORT NUMBER: P324504
 CATALOG NUMBER: GAN-SA0D-740-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	6244.2	11.0			
FM (30°-60°)	23422.3	41.1			
FH (60°-80°)	19513.9	34.3			G5
FVH (80°-90°)	860.0	1.5			G5
BL (0°-30°)	2035.2	3.6	B3/2500		
BM (30°-60°)	3120.3	5.5	B3/5000		
BH (60°-80°)	1679.4	2.9	B3/2500		G3/2500
BVH (80°-90°)	55.6	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: P324504

CATALOG NUMBER: GAN-SA0D-740-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2
2.5°	20306.4	20149.9	19977.3	19413.6	18890.4	18291.6	17803.5	17463.6	17037.5	16484.6	16344.3
5°	20160.7	19993.5	19451.4	18197.2	17099.5	16031.5	15001.2	14397.0	13647.3	12886.7	12697.9
7.5°	18696.2	18520.9	17738.7	16020.7	14542.7	13000.0	11662.2	10834.2	9987.3	9291.5	8922.0
10°	17172.4	16980.9	16101.6	14016.8	12196.2	10801.8	9820.1	9029.8	8228.8	7484.4	6891.1
12.5°	16123.2	15872.4	14917.6	12554.9	10969.1	10022.4	9105.4	8158.7	7074.5	6276.1	5623.4
15°	15683.6	15397.7	14389.0	11991.2	10534.8	9423.6	8228.8	7066.4	5796.0	4881.7	4283.0
17.5°	16023.4	15651.2	14569.7	11953.5	9990.0	8476.9	6966.6	5601.8	4223.6	3298.5	2872.4
20°	17177.7	16689.6	15316.8	11942.7	9329.2	7352.3	5437.3	3894.6	2783.4	2238.6	2014.7
22.5°	18995.6	18351.0	16390.2	12029.0	8646.9	6170.9	3927.0	2645.8	2090.2	1807.0	1674.9
25°	21191.0	20443.9	17935.6	12333.8	8048.1	5022.0	2853.5	2090.2	1763.9	1556.2	1445.6
27.5°	23278.6	22671.7	19888.3	12773.4	7584.2	4094.2	2316.8	1772.0	1507.7	1370.1	1281.1
30°	25363.4	24600.1	21892.3	13296.6	7025.9	3465.8	2036.3	1615.6	1351.2	1205.6	1149.0
32.5°	26879.2	26245.4	23462.0	13674.2	6429.9	3055.8	1820.5	1478.0	1262.2	1113.9	1030.3
35°	28661.9	27944.5	24807.8	13757.8	6046.9	2796.9	1637.1	1329.7	1095.0	962.9	873.9
37.5°	30587.7	29694.9	26361.3	13574.4	5747.5	2670.1	1499.6	1262.2	1022.2	887.3	792.9
40°	32718.4	31709.6	27852.8	13310.1	5453.5	2627.0	1394.4	1211.0	965.6	828.0	730.9
42.5°	34962.3	33772.9	29144.7	13032.3	5267.4	2478.6	1383.6	1159.7	922.4	774.1	677.0
45°	36847.6	35642.0	30471.7	12940.6	5135.3	2316.8	1429.5	1124.7	892.7	730.9	636.5
47.5°	38349.9	37209.0	31831.0	13145.6	5059.7	2168.5	1302.7	1170.5	876.6	693.2	601.5
50°	40143.4	38851.5	33745.9	13757.8	4949.2	2020.1	1178.6	1340.5	876.6	668.9	571.8
52.5°	42392.8	41114.4	35882.0	14707.2	4728.0	1815.1	1060.0	1343.1	884.6	636.5	534.0
55°	45222.1	44294.3	38932.4	15748.3	4374.7	1513.1	917.0	1154.4	852.3	577.2	499.0
57.5°	47935.3	47177.4	41713.1	16460.3	3902.7	1181.3	798.3	930.5	779.5	507.1	445.0
59°	48677.0	47849.0	42732.6	16492.7	3549.4	1030.3	739.0	768.7	763.3	474.7	412.7
60°	48677.0	47797.8	43026.6	16320.1	3293.1	946.7	701.2	685.1	795.6	453.1	393.8
62.5°	47795.1	46559.8	42071.9	15152.2	2686.3	806.4	612.2	566.4	714.7	407.3	347.9
65°	45961.1	44162.1	38819.2	13040.4	2395.0	739.0	528.6	463.9	496.3	358.7	304.8
67.5°	42902.6	40464.4	34128.9	10534.8	2279.0	720.1	455.8	393.8	374.9	307.5	267.0
70°	37516.5	34811.3	28435.4	8282.8	2179.2	712.0	383.0	331.7	302.1	258.9	226.6
72.5°	27305.3	24484.2	20187.7	6475.7	2119.9	728.2	307.5	277.8	248.1	202.3	175.3
75°	15618.8	13771.3	11346.6	4277.6	1807.0	695.8	237.3	231.9	178.0	145.6	121.4
77.5°	8069.7	7824.2	6799.4	1642.5	865.8	304.8	156.4	134.9	105.2	89.0	72.8
80°	3481.9	3444.2	2980.3	474.7	229.3	169.9	89.0	56.6	48.5	37.8	29.7
82.5°	1202.9	1202.9	1060.0	159.1	102.5	83.6	10.8	0.0	0.0	0.0	0.0
85°	242.7	272.4	191.5	0.0	35.1	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: P324504
 CATALOG NUMBER: GAN-SA0D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2
2.5°	16174.4	15848.1	15826.5	15621.5	15365.3	15249.3	15181.9	15300.6	15446.2	15462.4	15680.9
5°	12554.9	12212.4	12355.4	11991.2	12064.1	11991.2	11872.6	11894.2	11958.9	11756.6	12007.4
7.5°	8816.8	8557.9	8722.4	8625.3	8754.7	8806.0	8733.2	8625.3	8307.0	8269.3	8487.7
10°	6645.6	6351.6	6176.3	5992.9	6033.4	6117.0	6090.0	6011.8	5809.5	5820.3	6030.7
12.5°	5340.2	5011.2	4663.3	4212.8	4102.3	4164.3	4102.3	4056.4	3862.2	3878.4	4064.5
15°	4051.0	3781.3	3417.2	3055.8	2858.9	2877.8	2705.2	2583.8	2462.4	2316.8	2430.1
17.5°	2734.8	2570.3	2462.4	2354.6	2119.9	2066.0	1847.5	1612.9	1521.2	1453.7	1502.3
20°	1936.5	1847.5	1804.4	1799.0	1664.1	1596.7	1383.6	1238.0	1192.1	1178.6	1208.3
22.5°	1618.3	1553.5	1491.5	1456.4	1389.0	1310.8	1149.0	1076.1	1043.8	1027.6	1049.2
25°	1407.9	1359.3	1294.6	1235.3	1208.3	1124.7	1008.7	954.8	933.2	917.0	927.8
27.5°	1251.4	1208.3	1132.8	1095.0	1073.4	1000.6	900.8	857.7	838.8	833.4	830.7
30°	1127.4	1086.9	1016.8	973.6	935.9	871.2	811.8	768.7	749.8	744.4	739.0
32.5°	1003.3	971.0	925.1	881.9	841.5	782.2	730.9	695.8	666.2	660.8	658.1
35°	846.9	814.5	790.2	787.5	749.8	693.2	655.4	609.5	585.3	577.2	579.9
37.5°	752.5	709.3	655.4	674.3	663.5	623.0	571.8	525.9	501.7	496.3	496.3
40°	693.2	647.3	585.3	552.9	585.3	577.2	496.3	450.4	426.1	423.4	418.0
42.5°	636.5	590.7	520.5	466.6	482.8	507.1	428.8	385.7	361.4	356.0	347.9
45°	596.1	547.5	469.3	407.3	374.9	426.1	366.8	312.9	299.4	288.6	283.2
47.5°	558.3	512.4	423.4	353.3	299.4	307.5	294.0	256.2	240.0	229.3	226.6
50°	525.9	477.4	383.0	302.1	248.1	226.6	237.3	202.3	188.8	178.0	172.6
52.5°	488.2	442.3	339.8	261.6	207.7	178.0	180.7	159.1	145.6	137.6	134.9
55°	458.5	412.7	304.8	229.3	183.4	145.6	129.5	124.1	116.0	110.6	107.9
57.5°	418.0	374.9	269.7	194.2	156.4	118.7	99.8	99.8	97.1	91.7	89.0
59°	393.8	356.0	248.1	175.3	142.9	102.5	89.0	91.7	89.0	83.6	80.9
60°	374.9	339.8	231.9	161.8	134.9	94.4	80.9	86.3	83.6	78.2	75.5
62.5°	331.7	307.5	199.6	134.9	118.7	75.5	67.4	72.8	72.8	70.1	67.4
65°	291.3	264.3	169.9	113.3	110.6	64.7	53.9	64.7	67.4	62.0	56.6
67.5°	253.5	226.6	148.3	91.7	102.5	51.2	40.5	53.9	72.8	56.6	51.2
70°	215.8	188.8	116.0	72.8	107.9	35.1	32.4	48.5	86.3	62.0	48.5
72.5°	167.2	145.6	80.9	53.9	116.0	24.3	24.3	40.5	97.1	67.4	45.9
75°	116.0	94.4	48.5	32.4	94.4	16.2	16.2	37.8	91.7	62.0	43.2
77.5°	67.4	51.2	16.2	2.7	48.5	0.0	2.7	27.0	64.7	37.8	18.9
80°	24.3	10.8	0.0	0.0	29.7	0.0	0.0	0.0	5.4	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: P324504

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

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2
2.5°	15737.5	16101.6	16428.0	16921.5	17506.8	18181.1	18760.9	19384.0	19969.2	20212.0	20379.2
5°	12058.7	12509.1	13035.0	13760.5	14726.1	15915.5	17029.4	18288.9	19642.9	20319.9	20956.4
7.5°	8525.5	8984.0	9636.7	10408.1	11575.9	12991.9	14448.3	16187.9	18021.9	19092.7	20147.2
10°	6130.5	6694.2	7303.7	8358.3	9545.0	10888.1	12387.7	14329.6	16374.0	17560.7	18831.1
12.5°	4172.4	4814.3	5736.7	6918.0	8312.4	9628.6	10931.3	12784.2	15157.6	16333.6	17695.6
15°	2502.9	2858.9	3835.3	5202.7	6912.6	8552.5	9979.2	11837.5	14367.4	15807.6	17223.6
17.5°	1542.7	1707.3	2238.6	3360.6	5156.8	7230.9	9186.3	11516.6	14480.7	16233.8	17749.5
20°	1229.9	1294.6	1464.5	1985.1	3417.2	5774.5	8293.5	11451.8	15405.8	17563.4	19189.8
22.5°	1068.0	1130.1	1243.4	1442.9	2149.6	4323.4	7446.7	11511.2	16732.7	19556.6	21455.3
25°	941.3	995.2	1103.1	1267.6	1575.1	3045.0	6540.4	11775.5	18461.6	22029.8	24047.2
27.5°	841.5	887.3	987.1	1138.2	1351.2	2125.3	5512.8	12096.4	20511.3	24559.7	26550.1
30°	749.8	790.2	879.3	1019.5	1173.2	1634.4	4385.5	12314.9	22563.8	26550.1	28338.3
32.5°	671.6	701.2	782.2	900.8	1019.5	1302.7	3333.6	12279.8	24087.7	28206.1	29624.8
35°	590.7	620.3	690.5	792.9	887.3	1076.1	2621.6	11624.4	25414.6	29924.2	31097.4
37.5°	501.7	539.4	606.8	698.5	763.3	946.7	2119.9	10834.2	26760.5	31887.7	32739.9
40°	426.1	463.9	523.2	623.0	663.5	898.1	1629.0	9871.3	28273.6	34083.1	34541.6
42.5°	353.3	388.4	450.4	536.7	625.7	774.1	1205.6	8770.9	29727.3	35960.3	36184.1
45°	285.9	321.0	385.7	472.0	668.9	641.9	933.2	7592.3	30900.5	37521.9	37594.7
47.5°	226.6	258.9	326.3	445.0	623.0	512.4	666.2	6667.2	31885.0	38741.0	38549.5
50°	175.3	202.3	272.4	509.7	544.8	423.4	504.4	6359.7	32766.9	39496.1	38999.9
52.5°	137.6	161.8	223.9	477.4	423.4	350.6	423.4	6648.3	33975.2	40121.9	39253.4
55°	110.6	134.9	175.3	272.4	288.6	296.7	361.4	6918.0	36060.0	41589.1	40750.3
57.5°	91.7	116.0	142.9	191.5	218.5	250.8	321.0	6947.7	38517.1	44027.2	43234.3
59°	83.6	105.2	129.5	169.9	191.5	229.3	302.1	6785.9	39382.9	44914.6	44518.1
60°	78.2	99.8	121.4	156.4	178.0	215.8	291.3	6632.1	39420.6	44882.2	45065.6
62.5°	67.4	89.0	107.9	132.2	151.0	183.4	261.6	6063.1	37823.9	43412.3	44736.6
65°	59.3	78.2	97.1	113.3	129.5	164.5	237.3	5024.7	35097.2	41041.6	42484.5
67.5°	53.9	67.4	89.0	99.8	116.0	145.6	210.4	3581.7	31690.8	38142.2	39078.1
70°	48.5	64.7	80.9	91.7	105.2	126.8	180.7	2057.9	26760.5	33897.0	34563.2
72.5°	45.9	62.0	72.8	86.3	94.4	113.3	164.5	968.3	19594.3	27154.3	28893.9
75°	40.5	56.6	67.4	80.9	89.0	102.5	140.2	463.9	13032.3	19651.0	21627.9
77.5°	24.3	45.9	62.0	72.8	78.2	89.0	116.0	267.0	8317.8	13601.4	16020.7
80°	0.0	16.2	45.9	62.0	67.4	75.5	89.0	210.4	4450.2	7770.3	9326.5
82.5°	0.0	0.0	32.4	48.5	45.9	51.2	67.4	132.2	2006.6	5078.6	5723.2
85°	0.0	0.0	10.8	37.8	32.4	24.3	45.9	45.9	439.6	2570.3	3206.8
87.5°	0.0	0.0	0.0	2.7	16.2	10.8	18.9	5.4	2.7	191.5	776.8
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: P324504

CATALOG NUMBER: GAN-SA0D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2	18545.2
2.5°	20964.5	21164.0	21501.2	21660.3	21582.1	21250.3	20853.9	20449.3	20212.0	20306.4
5°	22253.7	23281.3	23874.6	24071.5	23742.5	22998.1	22024.4	20740.6	20284.8	20160.7
7.5°	22253.7	24187.5	25412.0	25627.7	24894.1	23435.0	21609.1	19605.1	18938.9	18696.2
10°	21471.5	24103.9	25811.1	26153.6	25128.8	22946.8	20500.6	18213.4	17423.2	17172.4
12.5°	20589.6	23424.2	25223.2	25695.1	24853.7	22461.3	19731.9	17272.1	16341.6	16123.2
15°	20047.4	22588.1	24076.9	24419.4	24063.4	22178.1	19548.5	16988.9	15893.9	15683.6
17.5°	20241.6	21940.8	22477.5	22677.1	22917.1	22078.4	20047.4	17609.3	16223.0	16023.4
20°	20972.5	21258.4	20980.6	21231.5	21878.8	22175.4	21236.9	19108.9	17444.8	17177.7
22.5°	22213.2	20905.1	20125.7	20225.5	21013.0	22496.4	23054.7	21250.3	19330.0	18995.6
25°	23658.8	21191.0	19651.0	19562.0	20371.1	22919.8	24716.1	23580.6	21560.5	21191.0
27.5°	25476.7	21832.9	19553.9	19464.9	20147.2	23316.3	26097.0	25883.9	23909.7	23278.6
30°	26879.2	22464.0	19842.5	19637.5	20371.1	23591.4	27205.5	27839.3	25781.5	25363.4
32.5°	27885.2	23208.4	20311.8	20015.1	21002.2	24066.1	28060.5	29630.2	27513.0	26879.2
35°	28651.2	24017.6	21069.6	20581.5	21870.7	24786.2	28861.5	31537.0	29355.1	28661.9
37.5°	29368.6	25153.0	22253.7	21671.1	23232.7	25946.0	29708.4	33700.1	31415.7	30587.7
40°	30369.2	26439.5	24079.6	23561.7	25522.5	27526.5	30765.7	35954.9	33759.4	32718.4
42.5°	31369.8	27820.4	25948.7	26088.9	28378.7	29446.8	32130.4	38339.1	36073.5	34962.3
45°	32284.1	29244.5	28610.7	29258.0	31030.0	31553.2	33487.0	39717.3	37921.0	36847.6
47.5°	33098.6	31024.6	31256.5	32980.0	34045.3	33460.1	34501.1	40906.7	39296.6	38349.9
50°	34045.3	33327.9	34743.9	37182.0	37516.5	35186.2	35423.5	42314.6	40904.0	40143.4
52.5°	35081.0	35755.3	38606.1	40755.7	40647.8	37060.7	36351.3	43892.4	43107.5	42392.8
55°	36256.9	37716.1	42007.1	44100.1	44008.4	39153.6	37888.7	45842.4	45869.4	45222.1
57.5°	38002.0	39404.4	44315.8	46805.2	46959.0	41570.2	40494.1	48027.0	48366.9	47935.3
59°	39253.4	40499.5	45230.1	47935.3	48561.0	43439.3	42398.2	49294.7	49070.8	48677.0
60°	40181.2	41195.3	45683.3	48526.0	49491.5	44706.9	43803.4	50039.0	49154.4	48677.0
62.5°	42476.4	42711.1	46500.5	49194.9	50562.3	47522.7	47757.3	51306.7	48574.5	47795.1
65°	43547.2	43668.5	46489.7	47997.4	49526.6	49715.4	51344.4	51344.4	47158.6	45961.1
67.5°	43099.4	42514.2	44183.7	44027.2	45553.8	48412.7	52693.0	49461.9	44450.7	42902.6
70°	39458.4	37206.3	36464.6	36532.0	37699.9	42109.6	50022.9	43922.1	39326.2	37516.5
72.5°	32831.6	27429.4	25598.0	27688.3	27993.1	32362.3	42630.2	33077.1	29001.8	27305.3
75°	26407.2	19335.4	16357.8	18564.0	19081.9	23683.1	32977.3	20600.3	16940.4	15618.8
77.5°	18971.3	13879.2	11737.7	11584.0	12252.9	15020.1	23399.9	10367.6	8646.9	8069.7
80°	10777.6	9135.0	9836.3	9280.7	9617.8	9391.3	11117.4	4547.3	3724.7	3481.9
82.5°	6505.4	5399.6	5847.3	4868.2	6160.1	5364.5	4283.0	1456.4	1264.9	1202.9
85°	4231.7	2950.6	1537.3	1030.3	2122.6	3428.0	957.5	396.5	304.8	242.7
87.5°	1459.1	752.5	75.5	32.4	226.6	639.2	35.1	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)