

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: P528392

Luminaire Tested: **GLAN-SA3C-727-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P528392
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA3C-727-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(3) 70 CRI, 2700K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13072 lumens
Efficiency: N/A
Efficacy: 81.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G2

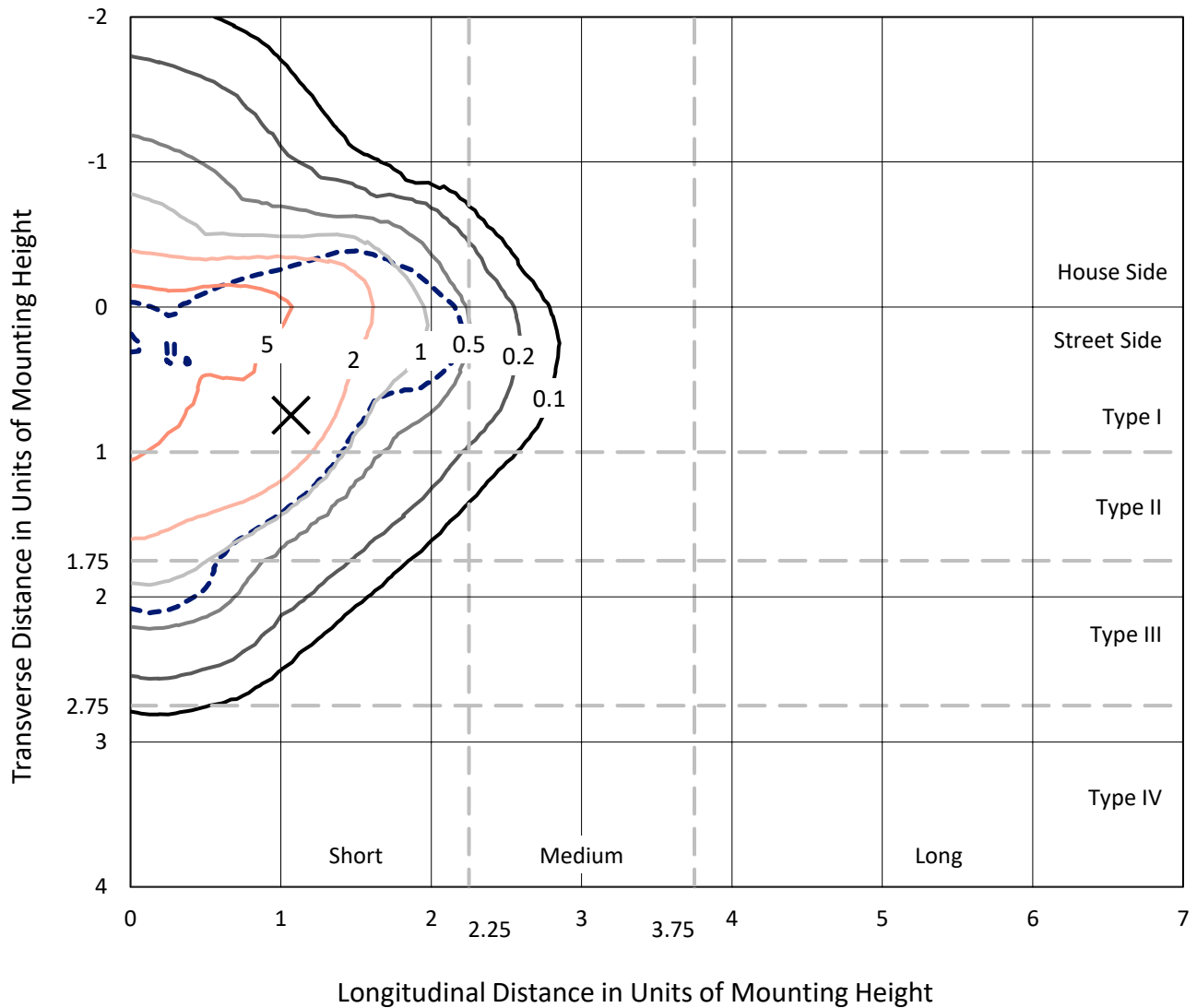
Input Watts (W): 160
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

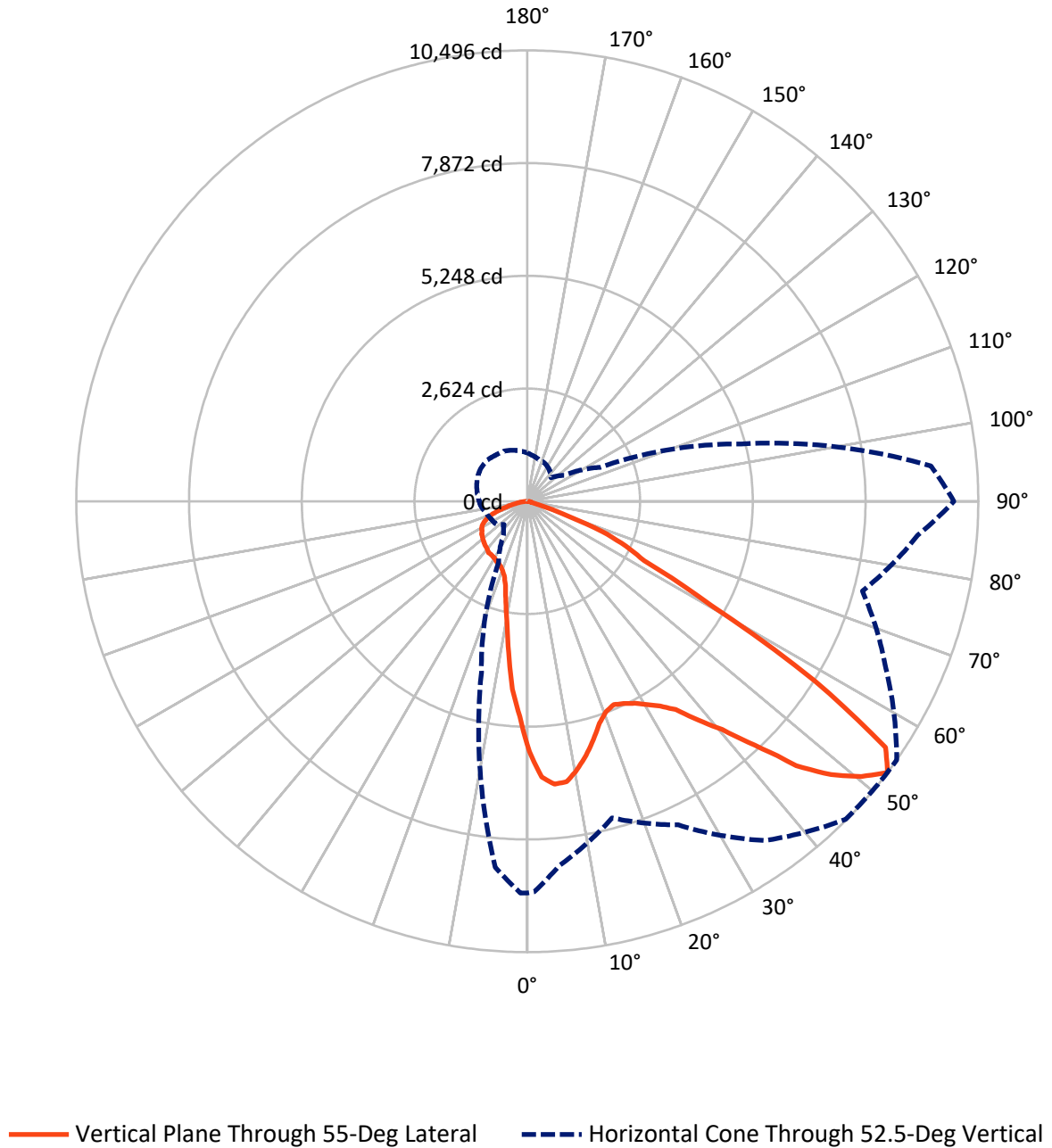
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.9 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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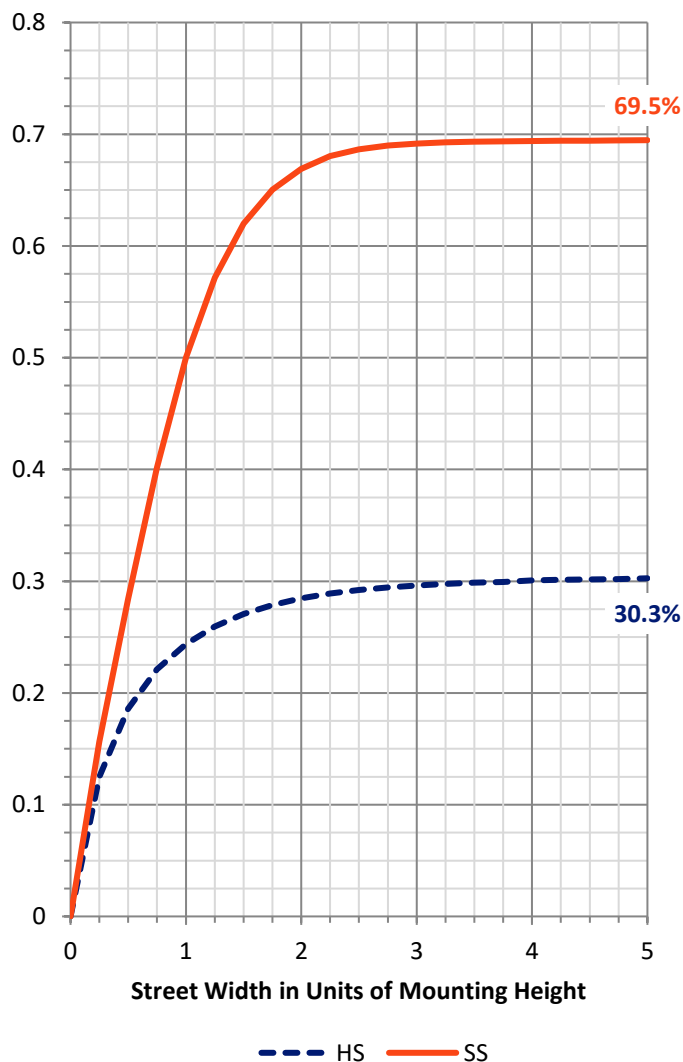
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3987.7	0.0	3987.7
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	9084.3	0.0	9084.3
	% Fixture	69.5	0.0	69.5
Total	Lumens	13072.0	0.0	13072.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	445.5	3.4
10°-20°	960.5	7.3
20°-30°	1456.5	11.1
30°-40°	2104.4	16.1
40°-50°	2812.0	21.5
50°-60°	3138.8	24.0
60°-70°	1721.8	13.2
70°-80°	372.3	2.8
80°-90°	60.2	0.5
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°	13072.0	100.0
0°-180°	13072.0	100.0

Coefficient of Utilization



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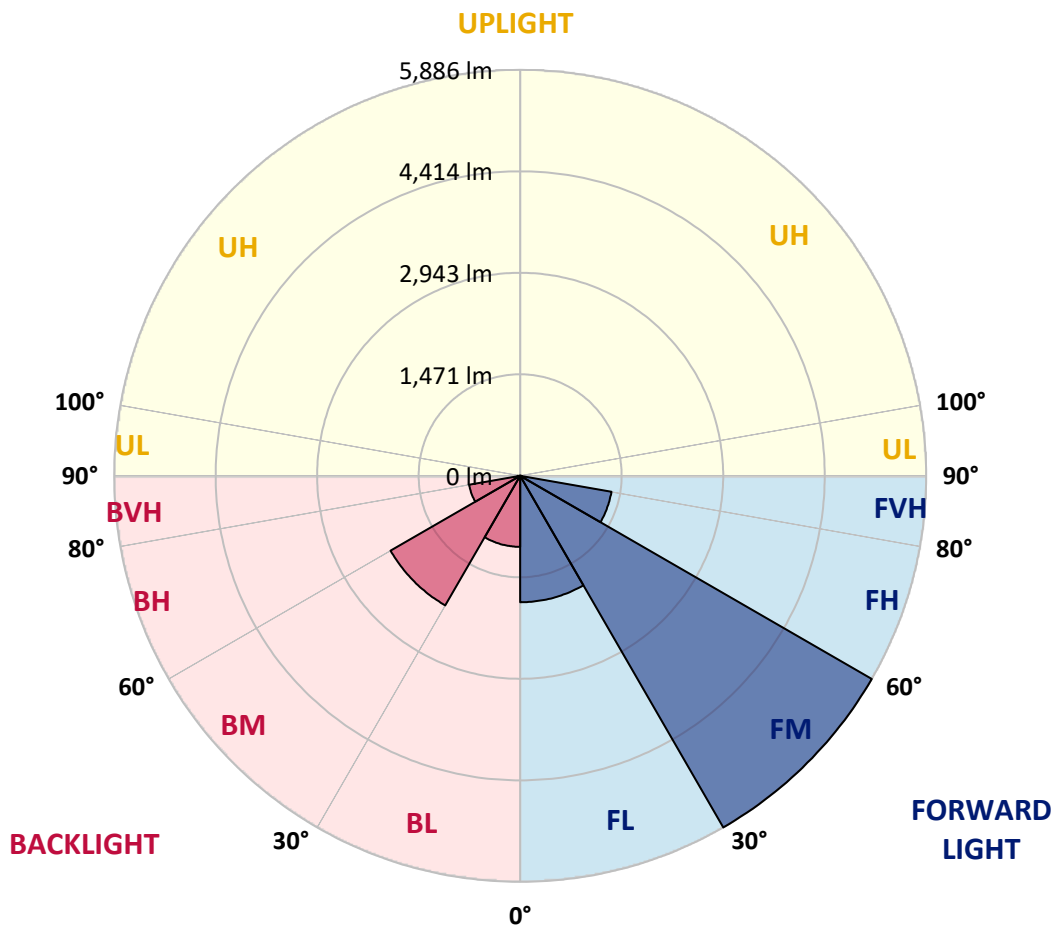
CATALOG NUMBER: GLAN-SA3C-727-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1832.9	14.0			
FM (30°-60°)	5885.6	45.0			
FH (60°-80°)	1343.5	10.3			G1/1800
FVH (80°-90°)	22.3	0.2			G1/100
BL (0°-30°)	1029.6	7.9	B3/2500		
BM (30°-60°)	2169.6	16.6	B2/2500		
BH (60°-80°)	750.6	5.7	B2/1000		G2/1000
BVH (80°-90°)	37.9	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1
2.5°	6119.3	6085.0	6115.5	6260.6	6344.6	6401.8	6438.1	6432.4	6294.9	6161.3	6161.3
5°	5939.9	5896.0	5959.0	6287.3	6617.5	6646.1	6693.9	6615.6	6413.3	6169.0	5863.6
7.5°	5420.7	5453.2	5558.2	5989.5	6419.0	6634.7	6692.0	6592.7	6264.4	5808.2	5359.7
10°	4972.2	5048.6	5291.0	5756.7	6151.8	6432.4	6495.4	6356.0	6096.4	5537.2	5136.4
12.5°	4817.6	4769.9	5039.0	5504.7	5882.7	6033.4	6062.1	6071.6	5896.0	5399.8	4911.1
15°	4798.5	4829.0	5039.0	5392.1	5625.0	5632.6	5680.3	5754.8	5777.7	5493.3	5016.1
17.5°	5073.4	5037.1	5252.8	5533.4	5422.7	5312.0	5323.4	5430.3	5619.3	5573.4	5346.3
20°	5479.9	5562.0	5731.9	5703.2	5405.5	5124.9	5126.8	5228.0	5600.2	5905.6	5806.3
22.5°	6155.6	6235.8	6361.7	6016.3	5405.5	5069.5	5004.6	5142.1	5722.3	6300.7	6325.5
25°	6772.1	6919.1	6953.4	6546.9	5676.5	5121.1	5079.1	5214.6	5844.5	6686.2	6921.0
27.5°	7333.3	7386.7	7537.5	6888.6	5827.3	5155.4	5151.6	5325.3	5999.1	6879.0	7453.5
30°	7776.1	7770.4	7856.3	7104.2	6067.8	5348.2	5163.1	5491.4	6201.4	7197.8	7946.0
32.5°	8077.7	8142.6	8323.9	7403.9	6169.0	5531.5	5386.4	5686.1	6447.6	7348.6	8293.4
35°	8608.3	8720.9	8491.9	7570.0	6489.6	5712.8	5542.9	5951.4	6569.8	7512.7	8719.0
37.5°	9108.4	9022.5	8789.6	7659.7	6697.7	6048.7	5890.3	6464.8	6949.6	7869.6	9001.5
40°	9429.1	9427.1	9013.0	7732.2	6844.7	6562.2	6552.6	6985.9	7415.4	8094.9	9318.3
42.5°	9568.4	9702.0	9104.6	7724.6	7153.9	7184.4	7377.2	7764.7	7745.6	8140.7	9310.7
44°	9759.3	9839.4	9263.0	7741.7	7360.0	7604.3	8058.6	8304.8	8033.8	8115.9	9301.2
45°	9751.6	9757.3	9037.8	7764.7	7535.6	7955.5	8362.1	8778.2	8287.6	8062.4	9427.1
47.5°	9528.3	9463.4	8846.9	7594.8	8083.4	8883.2	9259.2	9511.1	8600.7	7947.9	9270.6
50°	9087.4	9013.0	8383.1	7522.2	8197.9	9459.6	9978.8	10070.4	8885.1	7835.3	9116.0
52.5°	9117.9	9096.9	8514.8	7631.0	8312.5	9640.9	10473.1	10496.0	9207.6	8072.0	9117.9
55°	9663.8	9591.3	8892.7	7766.6	8228.5	9429.1	10158.2	10118.1	9098.8	7928.8	9285.9
57.5°	8843.1	8890.8	8369.7	7230.2	7201.6	7665.4	7986.1	7886.8	7592.9	7155.8	8638.8
60°	7134.8	7270.3	7319.9	6046.8	5434.1	5195.5	5100.1	4924.5	4974.1	5878.8	7589.0
62.5°	6119.3	6111.7	6422.8	5481.8	3559.8	3061.6	3015.8	3055.9	3628.5	5787.2	7432.5
65°	4852.0	4981.7	5077.2	4645.8	2817.3	2273.3	2271.4	2525.2	3139.8	4836.7	6001.0
67.5°	3080.7	3250.5	3368.9	2971.9	1883.9	1618.6	1574.7	1880.1	2175.9	3172.3	3613.2
70°	1736.9	1817.1	1870.5	1714.0	1198.7	839.8	790.2	862.7	1315.1	2053.8	2141.6
72.5°	670.0	706.2	778.8	784.5	452.4	271.0	219.5	263.4	553.5	813.1	774.9
75°	103.1	110.7	156.5	187.1	129.8	99.3	105.0	108.8	154.6	210.0	175.6
77.5°	49.6	49.6	47.7	55.4	64.9	70.6	76.3	84.0	91.6	101.2	97.3
80°	32.4	32.4	32.4	38.2	47.7	57.3	64.9	68.7	72.5	80.2	76.3
82.5°	21.0	21.0	21.0	28.6	38.2	47.7	51.5	61.1	68.7	80.2	74.4
85°	11.5	11.5	11.5	19.1	28.6	40.1	38.2	30.5	17.2	1.9	3.8
87.5°	3.8	3.8	3.8	3.8	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



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1
2.5°	6001.0	5913.2	5905.6	5726.1	5565.8	5487.6	5424.6	5249.0	5287.1	5186.0	5184.1
5°	5710.9	5531.5	5241.3	5002.7	4764.2	4716.4	4508.4	4327.1	4332.8	4203.0	4225.9
7.5°	5189.8	5065.7	4712.6	4338.5	4021.7	3796.4	3599.8	3481.5	3330.7	3279.2	3252.4
10°	4859.6	4706.9	4309.9	3840.3	3485.3	3365.1	3176.1	3071.1	2916.5	2840.2	2786.7
12.5°	4714.5	4491.2	3994.9	3517.8	3281.1	3157.0	2996.7	2805.8	2622.6	2552.0	2454.6
15°	4729.8	4462.6	3903.3	3388.0	3103.6	2863.1	2719.9	2508.1	2321.0	2196.9	2126.3
17.5°	4960.7	4636.3	3945.3	3288.7	2880.3	2578.7	2298.1	2069.0	1920.2	1826.6	1803.7
20°	5506.6	5065.7	4015.9	3128.4	2656.9	2280.9	1935.4	1696.8	1582.3	1580.4	1582.3
22.5°	5960.9	5523.8	4159.1	3032.9	2433.6	1899.2	1555.6	1479.3	1456.3	1504.1	1509.8
25°	6573.6	6039.2	4405.3	2983.3	2227.5	1618.6	1406.7	1378.1	1376.2	1437.3	1439.2
27.5°	7201.6	6489.6	4552.3	2838.3	2017.5	1473.5	1317.0	1311.3	1341.8	1406.7	1401.0
30°	7629.1	6867.6	4817.6	2664.6	1769.4	1345.6	1280.7	1288.4	1330.4	1380.0	1387.6
32.5°	8127.3	7239.8	4886.3	2569.1	1616.7	1238.8	1192.9	1210.1	1263.6	1341.8	1383.8
35°	8698.0	7503.2	4991.3	2439.3	1559.4	1156.7	1133.8	1152.9	1217.8	1269.3	1315.1
37.5°	9119.8	7968.9	5010.4	2338.2	1496.4	1110.9	1074.6	1137.6	1175.8	1248.3	1271.2
40°	9432.9	8306.7	5060.0	2275.2	1446.8	1051.7	1051.7	1093.7	1145.2	1212.0	1257.8
42.5°	9633.3	8553.0	5096.3	2217.9	1351.4	1034.5	1025.0	1067.0	1135.7	1200.6	1221.6
44°	9755.4	8657.9	5060.0	2164.5	1324.6	1013.5	1013.5	1049.8	1103.2	1179.6	1204.4
45°	9786.0	8789.6	4979.8	2162.6	1292.2	988.7	984.9	1053.6	1089.9	1183.4	1198.7
47.5°	9904.3	8951.9	4989.4	2101.5	1213.9	929.5	996.3	1026.9	1059.3	1141.4	1192.9
50°	9900.5	9053.0	4968.4	2011.8	1156.7	862.7	973.4	1007.8	1040.2	1124.2	1145.2
52.5°	9927.2	9431.0	5161.2	1868.6	1053.6	776.8	897.1	973.4	1013.5	1084.1	1128.1
55°	9913.9	9646.6	5352.0	1761.7	908.5	725.3	832.2	921.9	979.2	1053.6	1074.6
57.5°	9054.9	8526.2	4953.1	1561.3	752.0	664.2	740.6	868.5	941.0	1017.3	1044.1
60°	7398.2	6571.7	4084.6	1149.0	618.4	610.8	689.0	851.3	881.8	948.6	994.4
62.5°	6837.0	5764.3	3239.1	878.0	528.7	559.3	635.6	769.2	816.9	899.0	941.0
65°	5350.1	3828.9	2006.1	593.6	465.7	502.0	574.5	673.8	752.0	828.4	878.0
67.5°	3168.5	2092.0	992.5	416.1	406.6	444.7	519.2	593.6	683.3	767.3	792.1
70°	1725.5	1028.8	423.7	316.8	345.5	379.8	452.4	503.9	589.8	654.7	696.7
72.5°	553.5	313.0	211.9	234.8	263.4	303.5	347.4	410.4	471.5	509.6	544.0
75°	133.6	131.7	150.8	164.1	190.9	221.4	257.7	290.1	337.8	374.1	404.6
77.5°	93.5	101.2	116.4	135.5	145.1	156.5	179.4	204.2	225.2	252.0	271.0
80°	72.5	78.3	89.7	99.3	108.8	118.3	129.8	139.3	152.7	169.9	179.4
82.5°	68.7	72.5	84.0	89.7	85.9	84.0	91.6	95.4	97.3	103.1	108.8
85°	5.7	0.0	3.8	13.4	32.4	47.7	51.5	51.5	49.6	53.4	53.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	7.6	5.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1
2.5°	5161.2	5096.3	5121.1	5151.6	5107.7	5006.6	5033.3	5021.8	5124.9	5117.3	5220.3
5°	4327.1	4225.9	4237.3	4386.2	4338.5	4390.0	4287.0	4273.6	4292.7	4302.2	4319.4
7.5°	3311.6	3298.3	3412.8	3538.8	3597.9	3536.8	3435.7	3412.8	3391.8	3349.8	3445.2
10°	2702.7	2706.6	2698.9	2794.4	2861.2	2847.8	2786.7	2779.1	2739.0	2723.7	2777.2
12.5°	2412.6	2361.1	2336.3	2305.7	2357.3	2391.6	2364.9	2345.8	2347.7	2366.8	2374.4
15°	2132.0	2099.6	2046.1	2011.8	2036.6	2019.4	2009.9	2048.1	2038.5	2034.7	2080.5
17.5°	1817.1	1843.8	1840.0	1801.8	1834.3	1820.9	1819.0	1792.3	1756.0	1729.3	1744.6
20°	1609.0	1658.7	1696.8	1698.8	1715.9	1714.0	1685.4	1603.3	1576.6	1570.9	1574.7
22.5°	1534.6	1561.3	1607.1	1672.0	1672.0	1641.5	1607.1	1511.7	1486.9	1460.2	1448.7
25°	1475.4	1527.0	1586.1	1593.8	1624.3	1595.7	1540.3	1492.6	1441.1	1404.8	1404.8
27.5°	1444.9	1502.2	1546.1	1559.4	1601.4	1578.5	1521.2	1460.2	1399.1	1397.2	1364.7
30°	1431.5	1485.0	1513.6	1546.1	1565.1	1528.9	1511.7	1446.8	1385.7	1370.5	1317.0
32.5°	1391.5	1467.8	1521.2	1513.6	1528.9	1513.6	1488.8	1435.4	1366.6	1332.3	1326.6
35°	1345.6	1422.0	1479.3	1519.3	1528.9	1496.4	1481.2	1408.6	1315.1	1297.9	1238.8
37.5°	1320.8	1366.6	1437.3	1502.2	1515.5	1498.3	1446.8	1372.4	1278.8	1259.8	1208.2
40°	1290.3	1349.5	1404.8	1458.3	1498.3	1456.3	1397.2	1324.6	1282.7	1225.4	1210.1
42.5°	1267.4	1334.2	1380.0	1439.2	1485.0	1429.6	1360.9	1311.3	1252.1	1213.9	1170.0
44°	1259.8	1320.8	1351.4	1423.9	1462.1	1420.1	1362.8	1311.3	1242.6	1208.2	1170.0
45°	1233.0	1317.0	1349.5	1414.4	1446.8	1412.4	1339.9	1288.4	1238.8	1196.8	1156.7
47.5°	1206.3	1263.6	1318.9	1370.5	1393.4	1381.9	1320.8	1257.8	1198.7	1173.9	1135.7
50°	1198.7	1255.9	1307.5	1355.2	1381.9	1359.0	1303.7	1242.6	1173.9	1133.8	1101.3
52.5°	1160.5	1231.1	1288.4	1303.7	1338.0	1324.6	1282.7	1215.9	1151.0	1116.6	1089.9
55°	1105.1	1179.6	1257.8	1276.9	1326.6	1305.6	1242.6	1179.6	1124.2	1072.7	1038.3
57.5°	1084.1	1156.7	1233.0	1257.8	1288.4	1254.0	1238.8	1172.0	1084.1	1057.4	1004.0
60°	1030.7	1122.3	1185.3	1242.6	1244.5	1234.9	1208.2	1131.9	1059.3	1009.7	971.5
62.5°	988.7	1074.6	1124.2	1177.7	1210.1	1183.4	1156.7	1086.1	1007.8	952.4	908.5
65°	927.6	1005.9	1047.9	1080.3	1116.6	1112.8	1067.0	1015.4	933.4	889.5	847.5
67.5°	834.1	902.8	960.1	990.6	1013.5	1007.8	973.4	937.2	853.2	809.3	778.8
70°	721.5	792.1	828.4	845.6	868.5	879.9	853.2	836.0	761.6	704.3	675.7
72.5°	580.2	626.1	679.5	694.8	704.3	712.0	712.0	696.7	620.3	597.4	547.8
75°	427.6	463.8	503.9	503.9	521.1	523.0	526.8	517.3	460.0	429.5	418.0
77.5°	290.1	316.8	349.3	362.7	374.1	372.2	370.3	343.6	313.0	299.7	288.2
80°	189.0	215.7	231.0	248.1	259.6	257.7	261.5	242.4	229.0	206.1	210.0
82.5°	112.6	133.6	148.9	169.9	169.9	175.6	175.6	169.9	156.5	145.1	145.1
85°	53.4	70.6	80.2	93.5	101.2	103.1	91.6	78.3	64.9	59.2	64.9
87.5°	9.5	13.4	19.1	17.2	21.0	19.1	19.1	19.1	19.1	15.3	17.2
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: P528392

CATALOG NUMBER: GLAN-SA3C-727-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1	5831.1
2.5°	5182.2	5277.6	5344.4	5455.1	5646.0	5798.7	5955.2	6071.6	6085.0	6119.3
5°	4382.4	4433.9	4603.8	4825.2	4981.7	5239.4	5405.5	5707.1	5819.7	5939.9
7.5°	3422.3	3506.3	3733.4	3882.3	4225.9	4548.5	4882.5	5254.7	5403.6	5420.7
10°	2886.0	3008.1	3162.7	3401.3	3588.4	3947.2	4363.3	4777.5	4943.6	4972.2
12.5°	2534.8	2691.3	2897.4	3069.2	3248.6	3561.7	3960.6	4472.1	4687.8	4817.6
15°	2196.9	2359.2	2586.3	2824.9	2983.3	3357.4	3827.0	4403.4	4684.0	4798.5
17.5°	1849.5	2000.3	2187.4	2445.1	2763.8	3183.7	3806.0	4632.5	4939.8	5073.4
20°	1551.8	1635.8	1853.4	2118.7	2517.6	3006.2	3813.6	4970.3	5420.7	5479.9
22.5°	1435.4	1454.4	1540.3	1784.6	2221.7	2824.9	3949.1	5449.4	5960.9	6155.6
25°	1345.6	1341.8	1364.7	1528.9	2006.1	2754.3	4082.7	5890.3	6560.3	6772.1
27.5°	1296.0	1257.8	1259.8	1414.4	1853.4	2639.8	4254.5	6396.1	7239.8	7333.3
30°	1271.2	1263.6	1240.7	1303.7	1687.3	2468.0	4283.2	6894.3	7640.6	7776.1
32.5°	1255.9	1181.5	1152.9	1175.8	1530.8	2280.9	4390.0	7222.6	8136.9	8077.7
35°	1179.6	1112.8	1093.7	1116.6	1420.1	2175.9	4319.4	7508.9	8509.0	8608.3
37.5°	1151.0	1091.8	1053.6	1034.5	1317.0	2088.1	4283.2	7949.8	8869.8	9108.4
40°	1124.2	1061.2	1015.4	996.3	1236.8	1971.7	4271.7	8289.5	9285.9	9429.1
42.5°	1093.7	1053.6	1002.1	967.7	1139.5	1855.3	4140.0	8394.5	9413.8	9568.4
44°	1084.1	1023.1	969.6	958.2	1101.3	1796.1	4113.3	8490.0	9524.5	9759.3
45°	1074.6	1017.3	956.3	941.0	1088.0	1763.7	4077.0	8512.9	9707.7	9751.6
47.5°	1047.9	1011.6	952.4	910.5	1059.3	1693.0	3968.2	8383.1	9520.7	9528.3
50°	1026.9	984.9	923.8	841.7	1021.2	1633.9	4017.8	8335.4	9070.2	9087.4
52.5°	1004.0	941.0	906.6	765.4	958.2	1584.2	4122.8	8551.0	9121.7	9117.9
55°	977.3	908.5	824.6	700.5	853.2	1521.2	4376.7	8976.7	9598.9	9663.8
57.5°	935.3	876.1	755.9	643.2	732.9	1401.0	4294.6	8161.7	8831.6	8843.1
60°	879.9	824.6	685.2	599.3	601.2	1105.1	3840.3	6359.8	6968.7	7134.8
62.5°	826.5	795.9	626.1	536.3	511.5	879.9	3246.7	5285.2	5981.9	6119.3
65°	763.5	689.0	574.5	488.6	439.0	616.5	2300.0	3949.1	4666.8	4852.0
67.5°	683.3	603.2	505.8	429.5	376.0	412.3	1187.2	2244.6	2971.9	3080.7
70°	597.4	523.0	425.6	362.7	303.5	284.4	523.0	1070.8	1624.3	1736.9
72.5°	490.5	421.8	339.8	286.3	227.1	196.6	175.6	286.3	576.4	670.0
75°	355.0	307.3	255.8	204.2	160.3	126.0	103.1	85.9	95.4	103.1
77.5°	261.5	223.3	189.0	145.1	112.6	89.7	70.6	53.4	51.5	49.6
80°	204.2	181.3	150.8	116.4	87.8	66.8	49.6	36.3	32.4	32.4
82.5°	160.3	148.9	124.1	95.4	72.5	53.4	36.3	24.8	21.0	21.0
85°	61.1	61.1	89.7	78.3	55.4	38.2	24.8	13.4	11.5	11.5
87.5°	15.3	15.3	15.3	15.3	13.4	11.5	11.5	5.7	3.8	3.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)