

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: P528886

Luminaire Tested: **GLAN-SA4A-730-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P528886
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-SA4A-730-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 3000K, 615mA 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: 12271 lumens
Efficiency: N/A
Efficacy: 101.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U0 - G2

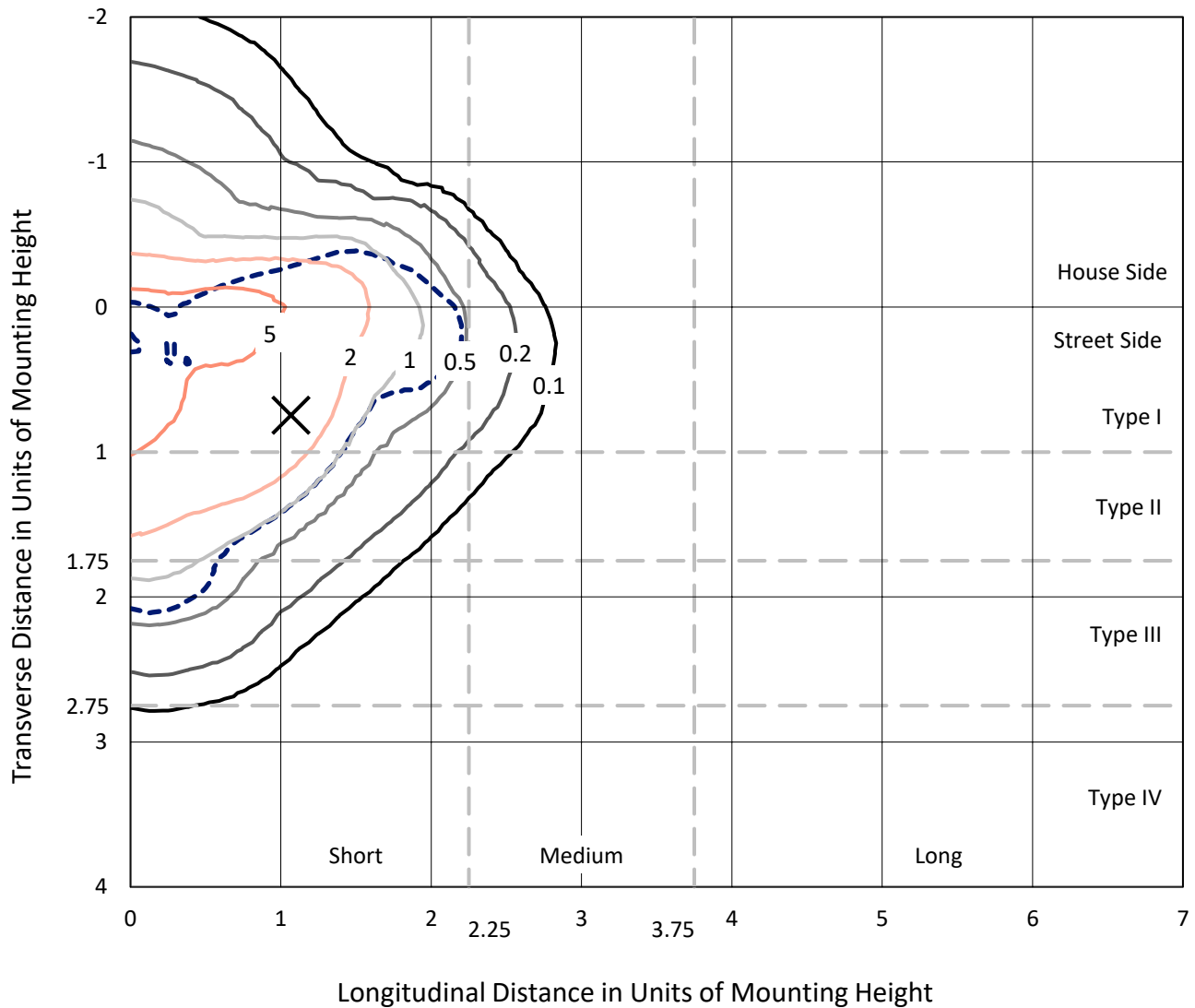
Input Watts (W): 121
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

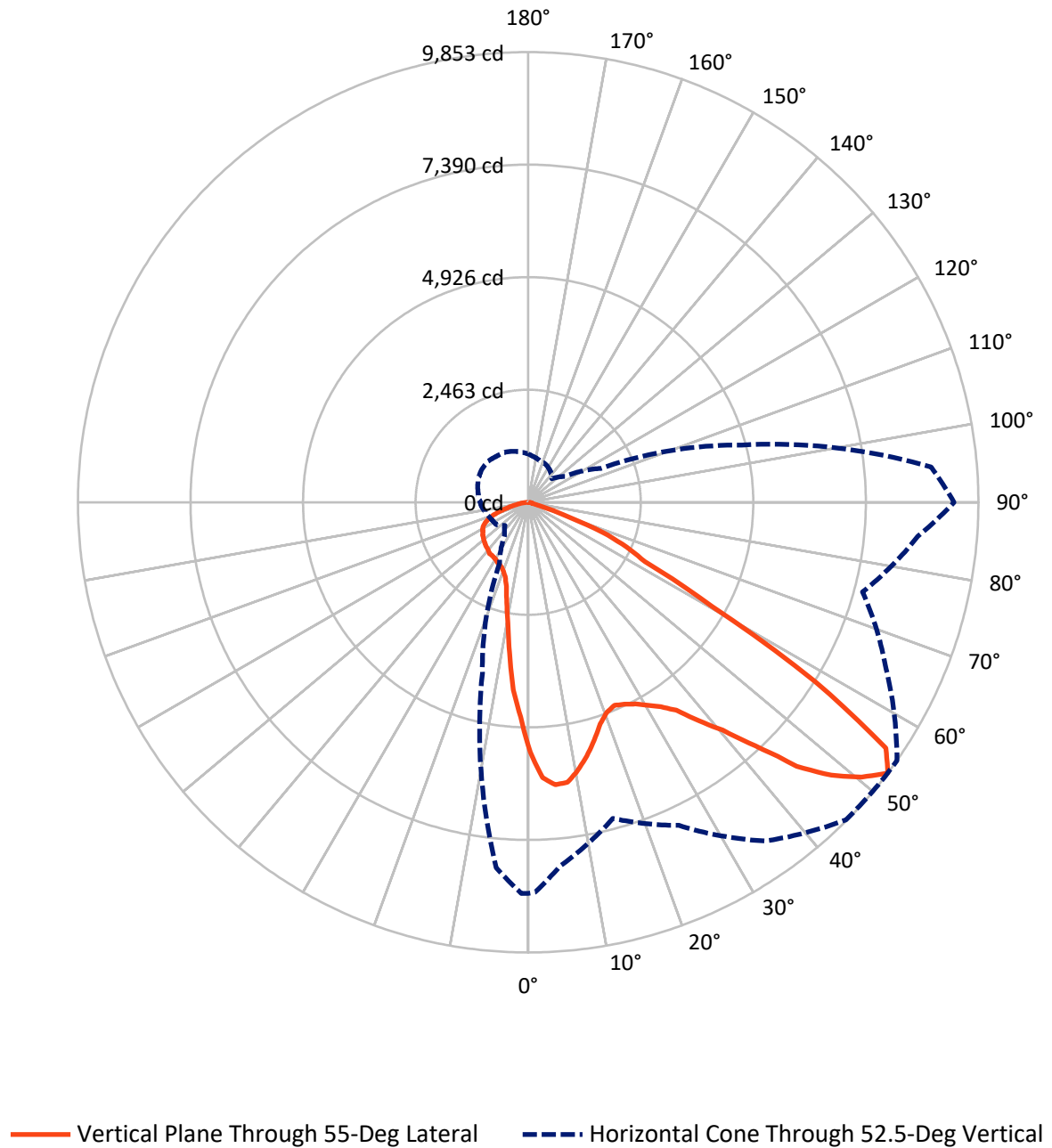


Based on 25 foot mounting height. Maximum calculated value = 9.3 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3743.3	0.0	3743.3
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	8527.7	0.0	8527.7
	% Fixture	69.5	0.0	69.5
Total	Lumens	12271.0	0.0	12271.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	418.2	3.4
10°-20°	901.7	7.3
20°-30°	1367.2	11.1
30°-40°	1975.4	16.1
40°-50°	2639.7	21.5
50°-60°	2946.5	24.0
60°-70°	1616.3	13.2
70°-80°	349.4	2.8
80°-90°	56.5	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°	12271.0	100.0
0°-180°	12271.0	100.0

Coefficient of Utilization



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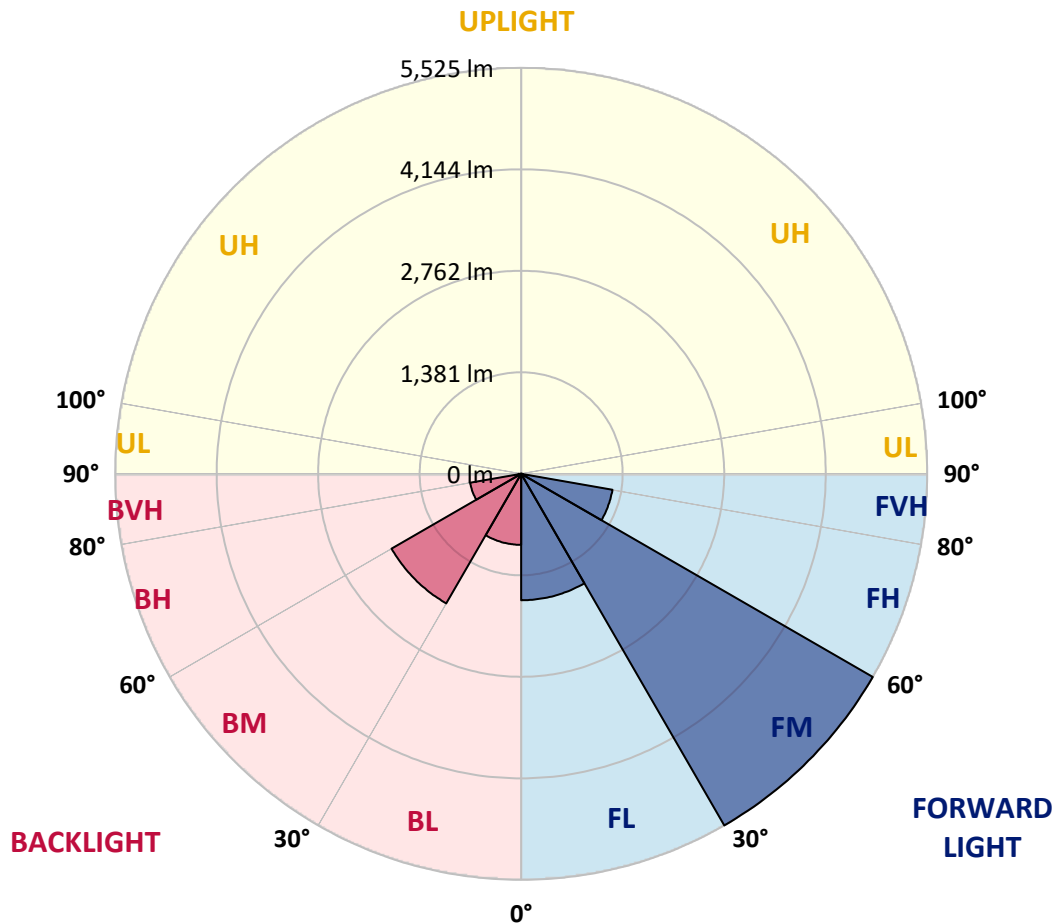
CATALOG NUMBER: GLAN-SA4A-730-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1720.6	14.0			
FM	(30°-60°)	5525.0	45.0			
FH	(60°-80°)	1261.2	10.3			G1/1800
FVH	(80°-90°)	20.9	0.2			G1/100
BL	(0°-30°)	966.5	7.9	B2/1000		
BM	(30°-60°)	2036.7	16.6	B2/2500		
BH	(60°-80°)	704.6	5.7	B2/1000		G2/1000
BVH	(80°-90°)	35.6	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8
2.5°	5744.4	5712.1	5740.8	5877.0	5955.8	6009.6	6043.6	6038.2	5909.2	5783.8	5783.8
5°	5575.9	5534.7	5593.9	5902.0	6212.0	6238.9	6283.7	6210.2	6020.3	5791.0	5504.3
7.5°	5088.6	5119.0	5217.6	5622.5	6025.7	6228.1	6281.9	6188.7	5880.5	5452.3	5031.3
10°	4667.5	4739.2	4966.7	5403.9	5774.8	6038.2	6097.3	5966.5	5722.9	5197.9	4821.6
12.5°	4522.4	4477.6	4730.2	5167.4	5522.2	5663.7	5690.6	5699.6	5534.7	5068.9	4610.2
15°	4504.5	4533.1	4730.2	5061.7	5280.3	5287.5	5332.3	5402.1	5423.6	5156.7	4708.7
17.5°	4762.5	4728.4	4930.9	5194.3	5090.4	4986.5	4997.2	5097.5	5274.9	5231.9	5018.7
20°	5144.1	5221.2	5380.6	5353.8	5074.3	4810.9	4812.7	4907.6	5257.0	5543.7	5450.5
22.5°	5778.4	5853.7	5971.9	5647.6	5074.3	4758.9	4698.0	4827.0	5371.7	5914.6	5937.9
25°	6357.2	6495.1	6527.4	6145.7	5328.7	4807.3	4767.9	4895.1	5486.4	6276.5	6496.9
27.5°	6883.9	6934.1	7075.6	6466.4	5470.2	4839.5	4836.0	4999.0	5631.5	6457.5	6996.8
30°	7299.6	7294.2	7374.9	6668.9	5696.0	5020.5	4846.7	5154.9	5821.4	6756.7	7459.1
32.5°	7582.7	7643.6	7813.8	6950.2	5791.0	5192.5	5056.3	5337.6	6052.6	6898.3	7785.2
35°	8080.8	8186.5	7971.5	7106.1	6092.0	5362.7	5203.3	5586.7	6167.2	7052.4	8184.7
37.5°	8550.3	8469.6	8251.0	7190.3	6287.3	5678.1	5529.4	6068.7	6523.8	7387.4	8449.9
40°	8851.3	8849.5	8460.7	7258.4	6425.2	6160.1	6151.1	6557.8	6961.0	7598.8	8747.4
42.5°	8982.1	9107.5	8546.7	7251.2	6715.5	6744.2	6925.1	7288.9	7270.9	7641.8	8740.2
44°	9161.2	9236.5	8695.4	7267.4	6909.0	7138.4	7564.8	7795.9	7541.5	7618.5	8731.2
45°	9154.1	9159.5	8484.0	7288.9	7073.9	7468.0	7849.7	8240.3	7779.8	7568.4	8849.5
47.5°	8944.4	8883.5	8304.8	7129.4	7588.1	8338.8	8691.8	8928.3	8073.7	7460.9	8702.6
50°	8530.6	8460.7	7869.4	7061.3	7695.6	8879.9	9367.3	9453.3	8340.6	7355.2	8557.4
52.5°	8559.2	8539.5	7993.0	7163.4	7803.1	9050.2	9831.4	9852.9	8643.4	7577.3	8559.2
55°	9071.7	9003.6	8347.8	7290.7	7724.3	8851.3	9535.7	9498.1	8541.3	7443.0	8716.9
57.5°	8301.2	8346.0	7856.9	6787.2	6760.3	7195.7	7496.7	7403.5	7127.6	6717.3	8109.5
60°	6697.6	6824.8	6871.4	5676.3	5101.1	4877.2	4787.6	4622.7	4669.3	5518.6	7124.0
62.5°	5744.4	5737.2	6029.3	5145.9	3341.6	2874.0	2831.0	2868.6	3406.1	5432.6	6977.1
65°	4554.6	4676.5	4766.1	4361.1	2644.6	2134.0	2132.2	2370.5	2947.4	4540.3	5633.3
67.5°	2891.9	3051.4	3162.4	2789.8	1768.5	1519.4	1478.2	1764.9	2042.6	2977.9	3391.8
70°	1630.5	1705.8	1755.9	1609.0	1125.2	788.4	741.8	809.9	1234.5	1927.9	2010.4
72.5°	628.9	662.9	731.0	736.4	424.6	254.4	206.1	247.3	519.6	763.3	727.5
75°	96.8	103.9	146.9	175.6	121.8	93.2	98.5	102.1	145.1	197.1	164.8
77.5°	46.6	46.6	44.8	52.0	60.9	66.3	71.7	78.8	86.0	95.0	91.4
80°	30.5	30.5	30.5	35.8	44.8	53.8	60.9	64.5	68.1	75.3	71.7
82.5°	19.7	19.7	19.7	26.9	35.8	44.8	48.4	57.3	64.5	75.3	69.9
85°	10.8	10.8	10.8	17.9	26.9	37.6	35.8	28.7	16.1	1.8	3.6
87.5°	3.6	3.6	3.6	3.6	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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CATALOG NUMBER: GLAN-SA4A-730-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8
2.5°	5633.3	5550.9	5543.7	5375.3	5224.8	5151.3	5092.2	4927.3	4963.2	4868.2	4866.4
5°	5360.9	5192.5	4920.2	4696.2	4472.2	4427.4	4232.1	4061.9	4067.3	3945.4	3966.9
7.5°	4871.8	4755.3	4423.8	4072.7	3775.2	3563.8	3379.3	3268.2	3126.6	3078.2	3053.2
10°	4561.8	4418.5	4045.8	3605.0	3271.7	3158.9	2981.5	2882.9	2737.8	2666.1	2616.0
12.5°	4425.6	4216.0	3750.1	3302.2	3080.0	2963.6	2813.1	2633.9	2461.9	2395.6	2304.2
15°	4440.0	4189.1	3664.1	3180.4	2913.4	2687.6	2553.3	2354.4	2178.8	2062.3	1996.0
17.5°	4656.8	4352.2	3703.6	3087.2	2703.8	2420.7	2157.3	1942.3	1802.5	1714.7	1693.2
20°	5169.2	4755.3	3769.9	2936.7	2494.1	2141.1	1816.8	1592.9	1485.4	1483.6	1485.4
22.5°	5595.7	5185.3	3904.2	2847.1	2284.5	1782.8	1460.3	1388.6	1367.1	1411.9	1417.3
25°	6170.8	5669.1	4135.4	2800.5	2091.0	1519.4	1320.5	1293.6	1291.9	1349.2	1351.0
27.5°	6760.3	6092.0	4273.3	2664.3	1893.9	1383.2	1236.3	1230.9	1259.6	1320.5	1315.1
30°	7161.6	6446.7	4522.4	2501.3	1661.0	1263.2	1202.3	1209.4	1248.9	1295.4	1302.6
32.5°	7629.3	6796.1	4586.9	2411.7	1517.6	1162.8	1119.8	1136.0	1186.1	1259.6	1299.0
35°	8165.0	7043.4	4685.4	2289.9	1463.9	1085.8	1064.3	1082.2	1143.1	1191.5	1234.5
37.5°	8561.0	7480.6	4703.4	2194.9	1404.7	1042.8	1008.8	1067.9	1103.7	1171.8	1193.3
40°	8854.9	7797.7	4749.9	2135.8	1358.2	987.3	987.3	1026.7	1075.1	1137.8	1180.8
42.5°	9043.0	8028.9	4784.0	2082.0	1268.6	971.1	962.2	1001.6	1066.1	1127.0	1146.7
44°	9157.7	8127.4	4749.9	2031.9	1243.5	951.4	951.4	985.5	1035.6	1107.3	1130.6
45°	9186.3	8251.0	4674.7	2030.1	1213.0	928.1	924.5	989.0	1023.1	1110.9	1125.2
47.5°	9297.4	8403.3	4683.7	1972.7	1139.6	872.6	935.3	964.0	994.4	1071.5	1119.8
50°	9293.8	8498.3	4663.9	1888.5	1085.8	809.9	913.8	946.0	976.5	1055.3	1075.1
52.5°	9318.9	8853.1	4844.9	1754.1	989.0	729.2	842.1	913.8	951.4	1017.7	1058.9
55°	9306.4	9055.5	5024.1	1653.8	852.9	680.9	781.2	865.4	919.2	989.0	1008.8
57.5°	8500.1	8003.8	4649.6	1465.7	706.0	623.5	695.2	815.2	883.3	955.0	980.1
60°	6944.8	6169.0	3834.4	1078.6	580.5	573.4	646.8	799.1	827.8	890.5	933.5
62.5°	6418.1	5411.1	3040.6	824.2	496.3	525.0	596.7	722.1	766.9	843.9	883.3
65°	5022.3	3594.3	1883.1	557.2	437.2	471.2	539.3	632.5	706.0	777.6	824.2
67.5°	2974.3	1963.8	931.7	390.6	381.6	417.5	487.4	557.2	641.4	720.3	743.6
70°	1619.7	965.8	397.8	297.4	324.3	356.6	424.6	473.0	553.7	614.6	654.0
72.5°	519.6	293.8	198.9	220.4	247.3	284.9	326.1	385.2	442.6	478.4	510.7
75°	125.4	123.6	141.5	154.1	179.2	207.8	241.9	272.3	317.1	351.2	379.9
77.5°	87.8	95.0	109.3	127.2	136.2	146.9	168.4	191.7	211.4	236.5	254.4
80°	68.1	73.5	84.2	93.2	102.1	111.1	121.8	130.8	143.3	159.5	168.4
82.5°	64.5	68.1	78.8	84.2	80.6	78.8	86.0	89.6	91.4	96.8	102.1
85°	5.4	0.0	3.6	12.5	30.5	44.8	48.4	48.4	46.6	50.2	50.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	7.2	5.4
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°	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8
2.5°	4844.9	4784.0	4807.3	4836.0	4794.7	4699.8	4724.9	4714.1	4810.9	4803.7	4900.5
5°	4061.9	3966.9	3977.7	4117.5	4072.7	4121.0	4024.3	4011.7	4029.7	4038.6	4054.7
7.5°	3108.7	3096.2	3203.7	3321.9	3377.5	3320.1	3225.2	3203.7	3184.0	3144.5	3234.1
10°	2537.1	2540.7	2533.5	2623.1	2685.8	2673.3	2616.0	2608.8	2571.2	2556.8	2607.0
12.5°	2264.8	2216.4	2193.1	2164.4	2212.8	2245.1	2220.0	2202.1	2203.9	2221.8	2228.9
15°	2001.4	1970.9	1920.8	1888.5	1911.8	1895.7	1886.7	1922.6	1913.6	1910.0	1953.0
17.5°	1705.8	1730.8	1727.3	1691.4	1721.9	1709.3	1707.5	1682.5	1648.4	1623.3	1637.7
20°	1510.5	1557.0	1592.9	1594.7	1610.8	1609.0	1582.1	1505.1	1480.0	1474.6	1478.2
22.5°	1440.6	1465.7	1508.7	1569.6	1569.6	1540.9	1508.7	1419.1	1395.8	1370.7	1359.9
25°	1385.0	1433.4	1488.9	1496.1	1524.8	1497.9	1445.9	1401.2	1352.8	1318.7	1318.7
27.5°	1356.4	1410.1	1451.3	1463.9	1503.3	1481.8	1428.0	1370.7	1313.4	1311.6	1281.1
30°	1343.8	1394.0	1420.9	1451.3	1469.2	1435.2	1419.1	1358.2	1300.8	1286.5	1236.3
32.5°	1306.2	1377.9	1428.0	1420.9	1435.2	1420.9	1397.6	1347.4	1282.9	1250.6	1245.3
35°	1263.2	1334.9	1388.6	1426.2	1435.2	1404.7	1390.4	1322.3	1234.5	1218.4	1162.8
37.5°	1239.9	1282.9	1349.2	1410.1	1422.7	1406.5	1358.2	1288.3	1200.5	1182.6	1134.2
40°	1211.2	1266.8	1318.7	1368.9	1406.5	1367.1	1311.6	1243.5	1204.1	1150.3	1136.0
42.5°	1189.7	1252.4	1295.4	1351.0	1394.0	1342.0	1277.5	1230.9	1175.4	1139.6	1098.3
44°	1182.6	1239.9	1268.6	1336.7	1372.5	1333.1	1279.3	1230.9	1166.4	1134.2	1098.3
45°	1157.5	1236.3	1266.8	1327.7	1358.2	1325.9	1257.8	1209.4	1162.8	1123.4	1085.8
47.5°	1132.4	1186.1	1238.1	1286.5	1308.0	1297.2	1239.9	1180.8	1125.2	1101.9	1066.1
50°	1125.2	1179.0	1227.4	1272.1	1297.2	1275.7	1223.8	1166.4	1101.9	1064.3	1033.8
52.5°	1089.4	1155.7	1209.4	1223.8	1256.0	1243.5	1204.1	1141.3	1080.4	1048.2	1023.1
55°	1037.4	1107.3	1180.8	1198.7	1245.3	1225.6	1166.4	1107.3	1055.3	1007.0	974.7
57.5°	1017.7	1085.8	1157.5	1180.8	1209.4	1177.2	1162.8	1100.1	1017.7	992.6	942.5
60°	967.5	1053.6	1112.7	1166.4	1168.2	1159.3	1134.2	1062.5	994.4	947.8	912.0
62.5°	928.1	1008.8	1055.3	1105.5	1136.0	1110.9	1085.8	1019.5	946.0	894.1	852.9
65°	870.8	944.3	983.7	1014.1	1048.2	1044.6	1001.6	953.2	876.2	835.0	795.5
67.5°	783.0	847.5	901.3	929.9	951.4	946.0	913.8	879.8	800.9	759.7	731.0
70°	677.3	743.6	777.6	793.7	815.2	826.0	800.9	784.8	714.9	661.2	634.3
72.5°	544.7	587.7	637.9	652.2	661.2	668.3	668.3	654.0	582.3	560.8	514.2
75°	401.4	435.4	473.0	473.0	489.1	490.9	494.5	485.6	431.8	403.1	392.4
77.5°	272.3	297.4	327.9	340.4	351.2	349.4	347.6	322.5	293.8	281.3	270.6
80°	177.4	202.5	216.8	232.9	243.7	241.9	245.5	227.6	215.0	193.5	197.1
82.5°	105.7	125.4	139.8	159.5	159.5	164.8	164.8	159.5	146.9	136.2	136.2
85°	50.2	66.3	75.3	87.8	95.0	96.8	86.0	73.5	60.9	55.5	60.9
87.5°	9.0	12.5	17.9	16.1	19.7	17.9	17.9	17.9	17.9	14.3	16.1
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: P528886

CATALOG NUMBER: GLAN-SA4A-730-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8	5473.8
2.5°	4864.6	4954.2	5016.9	5120.8	5300.0	5443.4	5590.3	5699.6	5712.1	5744.4
5°	4113.9	4162.2	4321.7	4529.6	4676.5	4918.4	5074.3	5357.4	5463.1	5575.9
7.5°	3212.6	3291.5	3504.7	3644.4	3966.9	4269.8	4583.3	4932.7	5072.5	5088.6
10°	2709.1	2823.8	2968.9	3192.9	3368.5	3705.4	4096.0	4484.8	4640.6	4667.5
12.5°	2379.5	2526.4	2719.9	2881.1	3049.6	3343.4	3717.9	4198.1	4400.6	4522.4
15°	2062.3	2214.6	2427.8	2651.8	2800.5	3151.7	3592.5	4133.6	4397.0	4504.5
17.5°	1736.2	1877.8	2053.4	2295.2	2594.5	2988.6	3572.8	4348.6	4637.1	4762.5
20°	1456.7	1535.5	1739.8	1988.8	2363.3	2822.0	3579.9	4665.7	5088.6	5144.1
22.5°	1347.4	1365.3	1445.9	1675.3	2085.6	2651.8	3707.1	5115.5	5595.7	5778.4
25°	1263.2	1259.6	1281.1	1435.2	1883.1	2585.5	3832.6	5529.4	6158.3	6357.2
27.5°	1216.6	1180.8	1182.6	1327.7	1739.8	2478.0	3993.8	6004.2	6796.1	6883.9
30°	1193.3	1186.1	1164.6	1223.8	1583.9	2316.7	4020.7	6471.8	7172.4	7299.6
32.5°	1179.0	1109.1	1082.2	1103.7	1437.0	2141.1	4121.0	6780.0	7638.3	7582.7
35°	1107.3	1044.6	1026.7	1048.2	1333.1	2042.6	4054.7	7048.8	7987.6	8080.8
37.5°	1080.4	1024.9	989.0	971.1	1236.3	1960.2	4020.7	7462.7	8326.3	8550.3
40°	1055.3	996.2	953.2	935.3	1161.1	1850.9	4010.0	7781.6	8716.9	8851.3
42.5°	1026.7	989.0	940.7	908.4	1069.7	1741.6	3886.3	7880.1	8836.9	8982.1
44°	1017.7	960.4	910.2	899.5	1033.8	1686.0	3861.2	7969.7	8940.9	9161.2
45°	1008.8	955.0	897.7	883.3	1021.3	1655.6	3827.2	7991.2	9112.9	9154.1
47.5°	983.7	949.6	894.1	854.7	994.4	1589.3	3725.1	7869.4	8937.3	8944.4
50°	964.0	924.5	867.2	790.2	958.6	1533.7	3771.6	7824.6	8514.4	8530.6
52.5°	942.5	883.3	851.1	718.5	899.5	1487.2	3870.2	8027.1	8562.8	8559.2
55°	917.4	852.9	774.0	657.6	800.9	1428.0	4108.5	8426.6	9010.7	9071.7
57.5°	878.0	822.4	709.5	603.8	688.0	1315.1	4031.5	7661.5	8290.5	8301.2
60°	826.0	774.0	643.2	562.6	564.4	1037.4	3605.0	5970.1	6541.7	6697.6
62.5°	775.8	747.2	587.7	503.5	480.2	826.0	3047.8	4961.4	5615.4	5744.4
65°	716.7	646.8	539.3	458.7	412.1	578.7	2159.1	3707.1	4380.8	4554.6
67.5°	641.4	566.2	474.8	403.1	353.0	387.0	1114.5	2107.1	2789.8	2891.9
70°	560.8	490.9	399.6	340.4	284.9	267.0	490.9	1005.2	1524.8	1630.5
72.5°	460.5	396.0	318.9	268.8	213.2	184.6	164.8	268.8	541.1	628.9
75°	333.3	288.5	240.1	191.7	150.5	118.3	96.8	80.6	89.6	96.8
77.5°	245.5	209.6	177.4	136.2	105.7	84.2	66.3	50.2	48.4	46.6
80°	191.7	170.2	141.5	109.3	82.4	62.7	46.6	34.0	30.5	30.5
82.5°	150.5	139.8	116.5	89.6	68.1	50.2	34.0	23.3	19.7	19.7
85°	57.3	57.3	84.2	73.5	52.0	35.8	23.3	12.5	10.8	10.8
87.5°	14.3	14.3	14.3	14.3	12.5	10.8	10.8	5.4	3.6	3.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)