

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: P453540

Luminaire Tested: **GLAN-SA4C-750-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P453540  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/4/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA4C-750-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(4) 70 CRI, 5000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 23973 lumens  
Efficiency: N/A  
Efficacy: 112.5 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G3

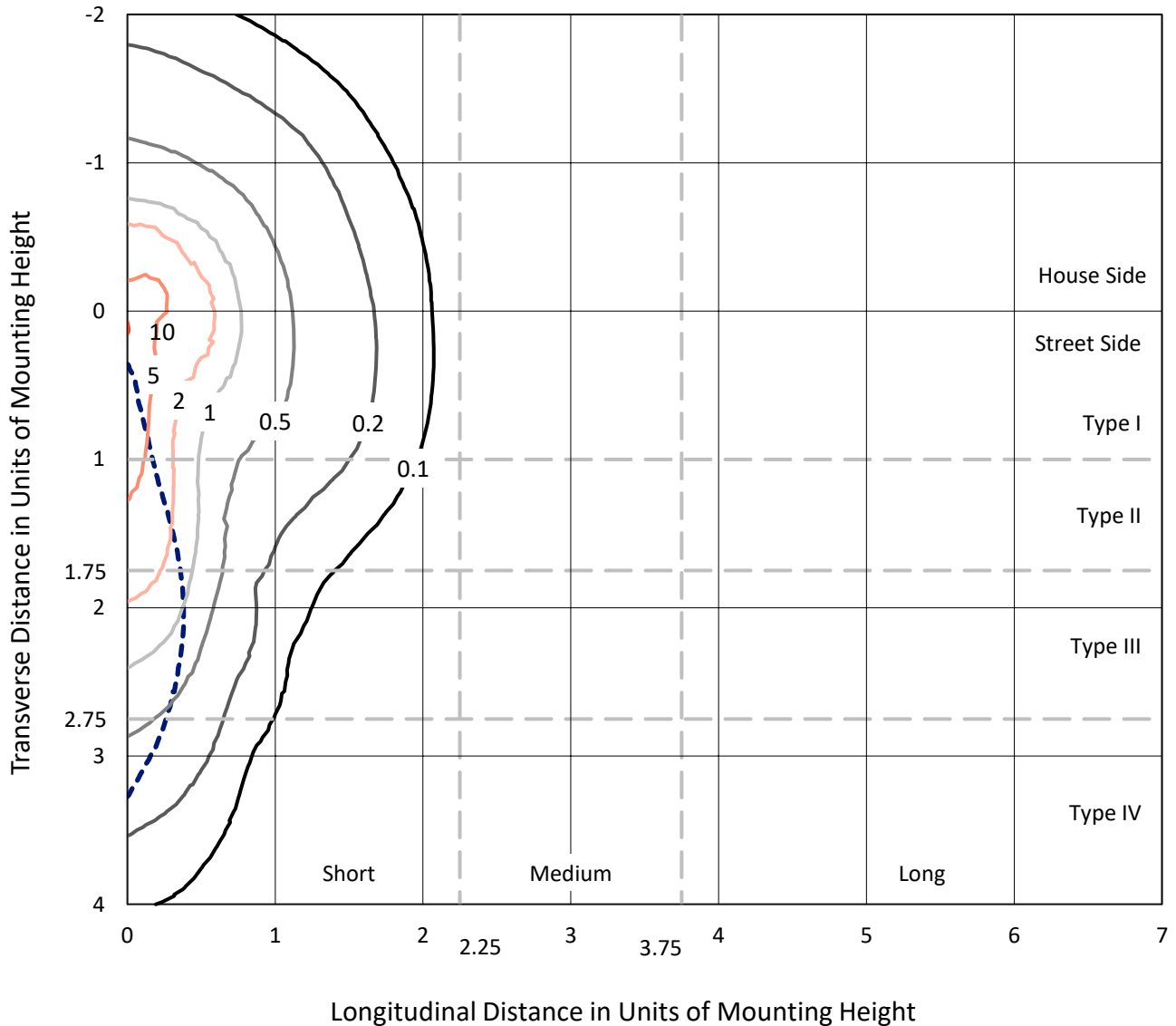
Input Watts (W): 213  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

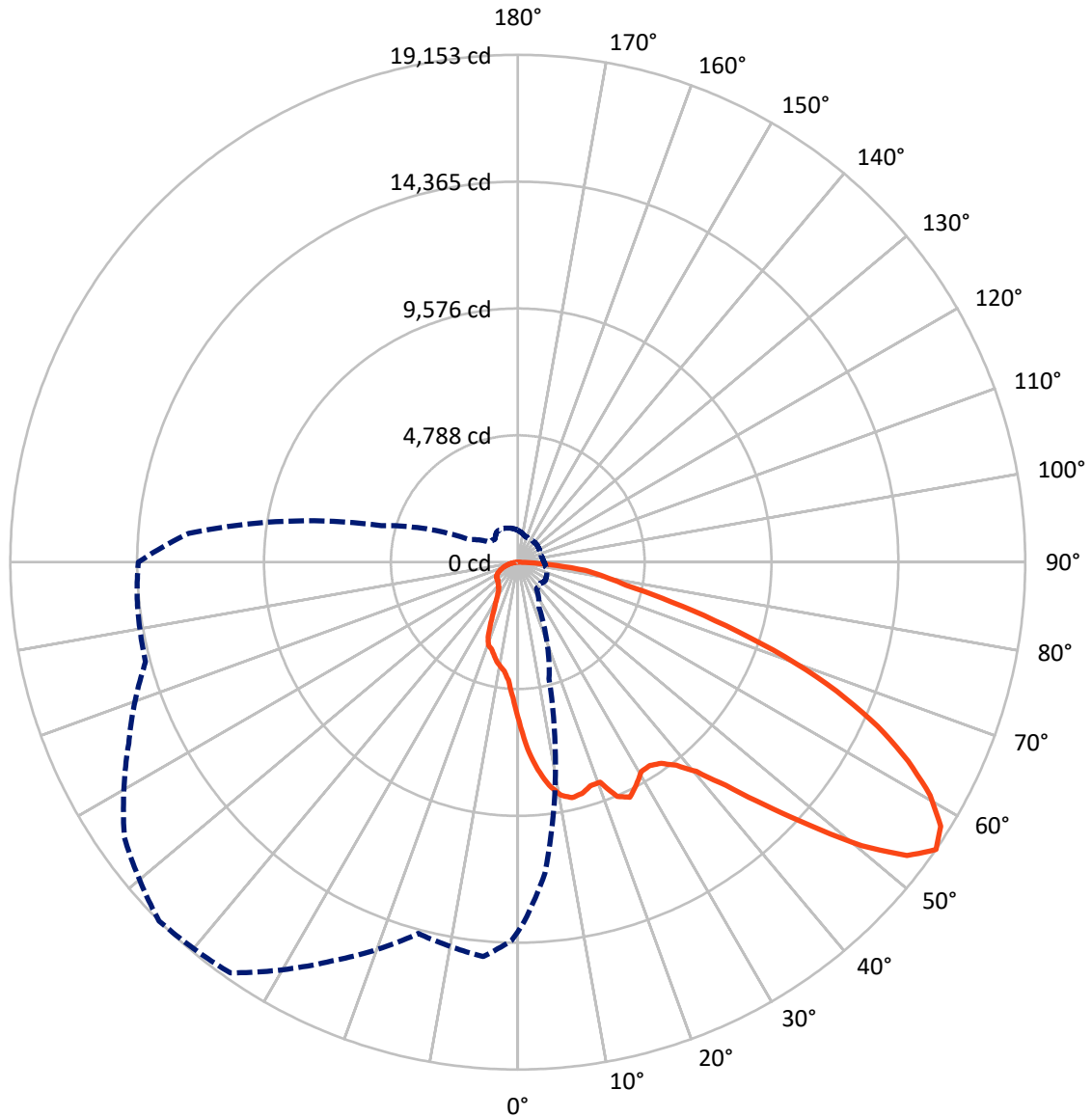
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.3 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral    - - - Horizontal Cone Through 55-Deg Vertical

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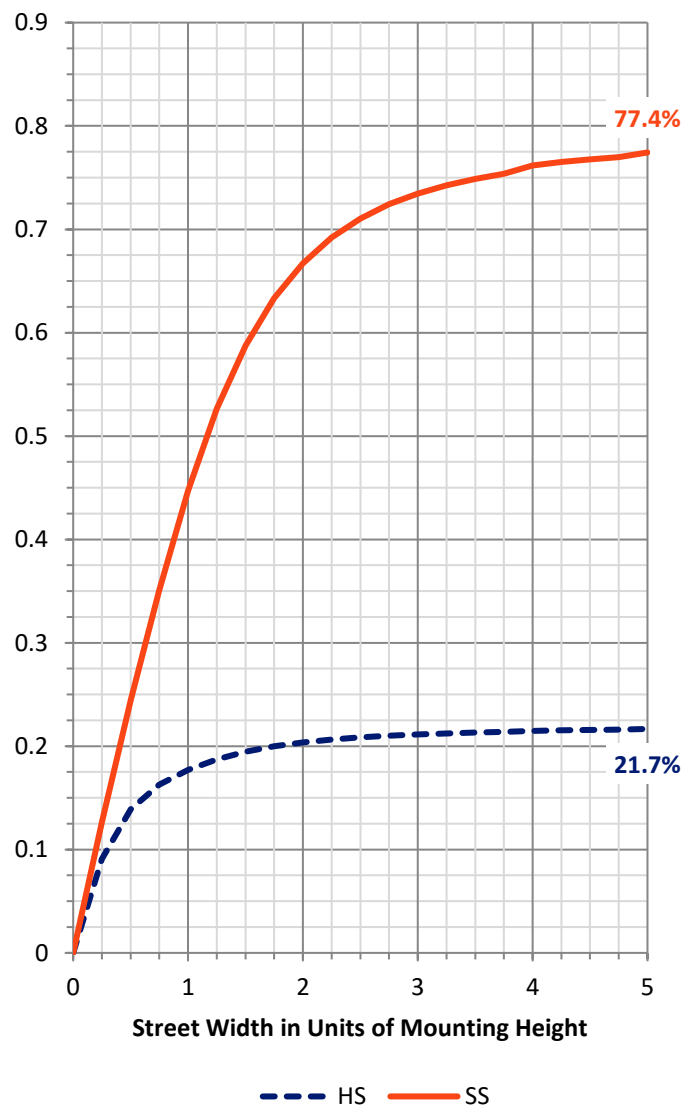
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5244.0	0.0	5244.0
	% Fixture	21.9	0.0	21.9
<b>Street Side</b>	Lumens	18729.0	0.0	18729.0
	% Fixture	78.1	0.0	78.1
<b>Total</b>	Lumens	23973.0	0.0	23973.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	509.9	2.1
10°-20°	1352.8	5.6
20°-30°	2337.0	9.7
30°-40°	2715.9	11.3
40°-50°	3789.3	15.8
50°-60°	5141.6	21.4
60°-70°	4891.7	20.4
70°-80°	2642.6	11.0
80°-90°	592.2	2.5
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°	23973.0	100.0
0°-180°	23973.0	100.0

**Coefficient of Utilization**



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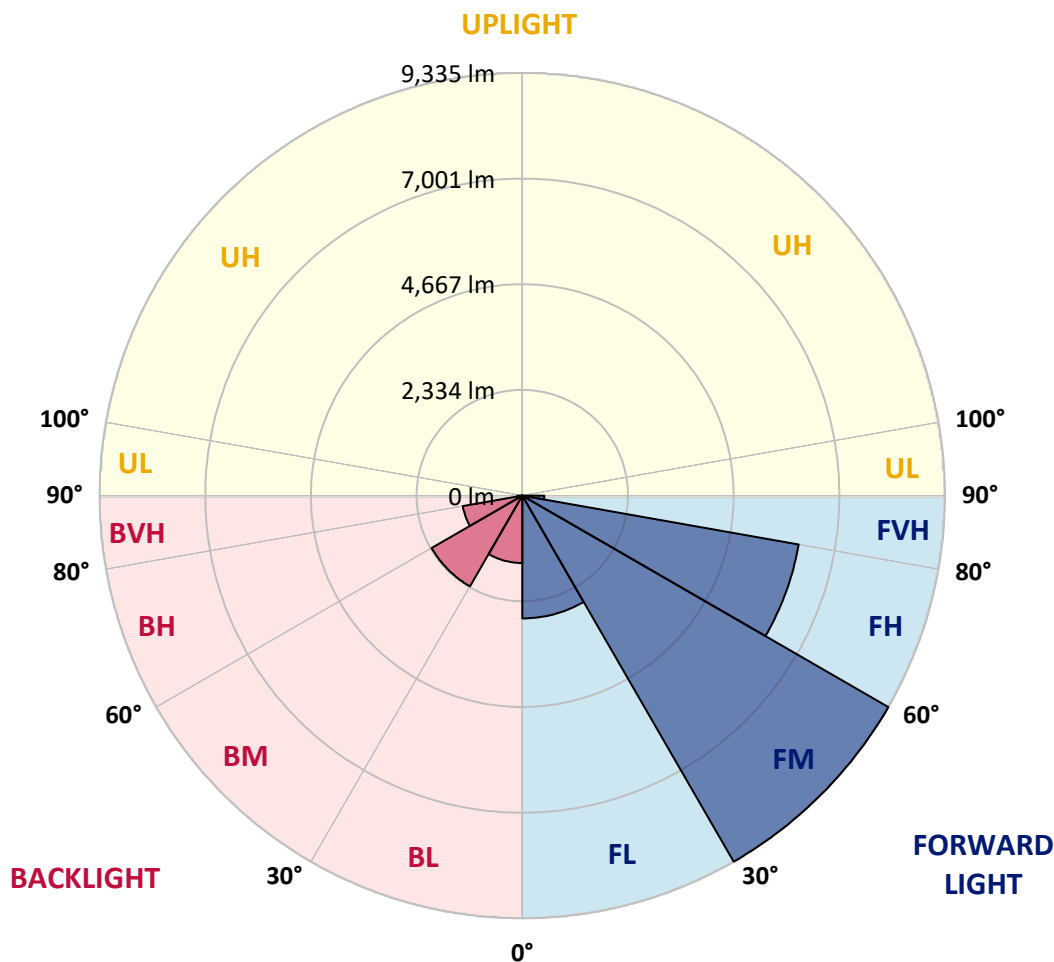
CATALOG NUMBER: GLAN-SA4C-750-U-SLR

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2711.4	11.3			
FM	(30°-60°)	9334.6	38.9			
FH	(60°-80°)	6199.0	25.9			G3/7500
FVH	(80°-90°)	484.0	2.0			G3/500
BL	(0°-30°)	1488.3	6.2	B3/2500		
BM	(30°-60°)	2312.3	9.6	B2/2500		
BH	(60°-80°)	1335.2	5.6	B3/2500		G3/2500
BVH	(80°-90°)	108.2	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G3**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3
2.5°	6683.7	6658.4	6587.2	6400.6	6212.4	6021.0	5873.9	5690.5	5499.1	5396.3	5265.0
5°	6775.4	6747.0	6579.3	6158.6	5777.5	5377.3	5057.9	4777.9	4664.0	4496.4	4362.0
7.5°	6560.3	6547.7	6296.2	5692.1	5170.1	4646.6	4284.5	4059.9	3855.9	3779.9	3795.8
10°	6364.2	6313.6	5998.9	5209.7	4600.8	4175.3	3916.0	3696.1	3552.2	3514.2	3522.2
12.5°	6201.3	6133.3	5761.7	4885.5	4352.5	4012.4	3681.9	3452.6	3321.3	3357.7	3481.0
15°	6168.1	6076.4	5662.0	4774.8	4216.5	3778.4	3416.2	3152.1	3054.0	3133.1	3330.8
17.5°	6383.2	6267.8	5832.8	4811.1	4086.8	3539.6	3095.1	2793.0	2710.8	2837.3	3095.1
20°	7074.4	6903.5	6365.8	5021.5	4074.1	3420.9	2908.5	2604.8	2639.6	2880.0	3148.9
22.5°	8352.3	8096.0	7298.9	5328.3	4140.5	3390.9	2870.5	2712.4	2903.8	3107.8	3284.9
25°	8605.3	8404.5	7466.6	5397.9	4126.3	3370.3	2978.1	3057.2	3270.7	3371.9	3310.2
27.5°	8747.7	8518.3	7455.5	5053.1	3689.8	3057.2	2846.8	2978.1	3031.9	2933.8	2766.2
30°	9079.8	8841.0	7643.7	4690.9	3038.2	2268.0	1988.0	1934.3	1970.6	1989.6	1929.5
32.5°	9536.9	9301.2	7998.0	4453.7	2627.0	1875.7	1600.5	1524.6	1507.2	1486.7	1463.0
35°	10128.4	9766.2	8345.9	4301.9	2457.8	1735.0	1481.9	1423.4	1399.7	1371.2	1345.9
37.5°	10729.4	10349.8	8785.6	4142.1	2345.5	1636.9	1402.9	1376.0	1334.8	1304.8	1268.4
40°	11368.3	10942.9	9185.7	4002.9	2236.3	1573.7	1345.9	1342.8	1289.0	1254.2	1211.5
42.5°	11921.9	11483.8	9543.2	3917.5	2152.5	1507.2	1311.1	1320.6	1265.3	1213.1	1157.7
45°	12361.5	11931.4	9873.7	3917.5	2084.5	1440.8	1304.8	1298.5	1243.1	1178.3	1115.0
47.5°	12747.4	12303.0	10196.4	4017.2	2041.8	1385.5	1270.0	1281.1	1224.1	1141.9	1080.2
50°	13046.4	12654.1	10631.3	4172.2	1999.1	1341.2	1225.7	1285.8	1208.3	1122.9	1051.7
52.5°	13427.5	13076.4	11154.8	4384.1	1962.7	1292.1	1186.2	1285.8	1206.7	1124.5	1047.0
55°	13955.8	13585.7	11785.8	4559.7	1904.2	1246.3	1151.4	1249.4	1202.0	1116.6	1034.3
57.5°	14325.8	14049.1	12231.9	4676.7	1820.4	1187.8	1119.8	1214.6	1181.4	1086.5	996.4
58°	14343.2	14072.8	12296.7	4703.6	1799.8	1176.7	1111.8	1198.8	1171.9	1073.9	983.7
60°	14144.0	13911.5	12309.3	4665.6	1682.8	1121.3	1070.7	1134.0	1121.3	999.6	915.7
62.5°	13419.6	13171.3	11798.5	4357.2	1527.8	1053.3	1007.5	1047.0	1018.5	895.2	817.7
65°	12390.0	11932.9	10748.3	3873.3	1417.1	980.6	922.1	925.2	895.2	806.6	738.6
67.5°	11018.8	10507.9	9100.3	3264.4	1333.3	899.9	820.8	812.9	776.6	719.6	664.3
70°	9331.3	8981.7	7395.4	2655.5	1239.9	811.3	707.0	702.2	680.1	637.4	588.3
72.5°	7563.1	7118.6	5972.0	2125.6	1126.1	725.9	601.0	610.5	582.0	552.0	507.7
75°	5581.4	5290.3	4616.6	1704.9	972.7	632.6	501.4	504.5	491.9	460.2	425.4
77.5°	3675.6	3588.6	3302.3	1119.8	748.1	502.9	409.6	412.8	403.3	374.8	338.5
80°	2473.6	2415.1	2237.9	721.2	499.8	363.8	316.3	319.5	317.9	287.8	238.8
82.5°	1524.6	1499.3	1442.4	487.1	346.4	261.0	208.8	218.3	235.7	202.4	162.9
85°	719.6	721.2	871.4	265.7	204.0	167.6	113.9	121.8	121.8	121.8	91.7
87.5°	93.3	98.1	120.2	112.3	74.3	63.3	41.1	34.8	30.0	39.5	28.5
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°	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3
2.5°	5219.2	5187.5	5119.5	5103.7	5094.2	5121.1	5049.9	5068.9	5037.3	5125.9	5111.6
5°	4369.9	4373.0	4428.4	4464.8	4477.4	4464.8	4417.3	4335.1	4271.8	4246.5	4252.8
7.5°	3765.7	3821.1	3916.0	4021.9	4118.4	4146.9	4120.0	3963.4	3792.6	3685.1	3650.3
10°	3564.9	3639.2	3748.3	3832.1	3917.5	3985.6	3999.8	3878.0	3675.6	3420.9	3321.3
12.5°	3575.9	3677.1	3781.5	3808.4	3800.5	3827.4	3814.7	3794.2	3661.3	3337.1	3171.0
15°	3471.5	3591.7	3664.5	3650.3	3625.0	3601.2	3568.0	3515.8	3468.4	3240.6	3057.2
17.5°	3231.1	3354.5	3414.6	3419.4	3419.4	3413.0	3332.4	3313.4	3307.1	3196.3	3084.1
20°	3275.4	3343.4	3316.5	3272.3	3284.9	3327.6	3280.2	3270.7	3307.1	3356.1	3335.5
22.5°	3300.7	3277.0	3074.6	2878.5	2834.2	2967.0	2993.9	3099.9	3247.0	3424.1	3539.6
25°	3144.2	2952.8	2590.6	2369.2	2244.2	2367.6	2528.9	2725.0	2944.9	3172.6	3307.1
27.5°	2628.6	2483.1	2223.7	2024.4	1915.3	1934.3	2071.9	2250.6	2454.6	2608.0	2706.1
30°	1980.1	1915.3	1780.8	1712.8	1646.4	1630.6	1689.1	1757.1	1847.3	1866.3	1891.6
32.5°	1458.2	1448.7	1456.6	1434.5	1421.8	1420.2	1402.9	1418.7	1428.2	1439.2	1417.1
35°	1319.0	1306.4	1284.2	1277.9	1270.0	1273.2	1265.3	1257.3	1263.7	1273.2	1279.5
37.5°	1247.9	1228.9	1197.2	1186.2	1186.2	1190.9	1178.3	1175.1	1186.2	1216.2	1232.0
40°	1192.5	1170.4	1134.0	1119.8	1129.2	1141.9	1124.5	1118.2	1145.1	1176.7	1202.0
42.5°	1140.3	1122.9	1088.1	1072.3	1080.2	1103.9	1078.6	1073.9	1108.7	1143.5	1173.5
45°	1096.0	1078.6	1047.0	1039.1	1042.3	1064.4	1047.0	1047.0	1080.2	1118.2	1145.1
47.5°	1061.2	1039.1	1018.5	1012.2	1015.4	1028.0	1024.9	1024.9	1056.5	1096.0	1122.9
50°	1026.4	1007.5	980.6	983.7	991.6	1009.0	1007.5	1012.2	1043.8	1092.9	1121.3
52.5°	1010.6	982.2	952.1	955.3	979.0	999.6	993.2	998.0	1034.3	1126.1	1167.2
55°	993.2	955.3	920.5	925.2	952.1	982.2	974.2	980.6	1023.3	1148.2	1205.2
57.5°	960.0	915.7	877.8	880.9	920.5	952.1	939.5	947.4	998.0	1124.5	1184.6
58°	945.8	907.8	871.4	873.0	911.0	945.8	931.5	937.9	990.1	1118.2	1175.1
60°	885.7	863.5	831.9	833.5	869.9	899.9	892.0	898.3	948.9	1072.3	1115.0
62.5°	803.4	790.8	782.9	782.9	805.0	833.5	841.4	849.3	895.2	969.5	1007.5
65°	714.9	714.9	716.5	716.5	730.7	767.1	771.8	792.4	835.1	871.4	899.9
67.5°	654.8	651.6	654.8	646.9	653.2	675.3	699.1	718.0	762.3	787.6	797.1
70°	577.3	575.7	577.3	566.2	574.1	593.1	608.9	640.5	686.4	705.4	710.1
72.5°	501.4	501.4	504.5	496.6	496.6	517.2	528.2	563.0	605.7	616.8	618.4
75°	422.3	427.0	427.0	416.0	419.1	431.8	446.0	474.5	514.0	521.9	521.9
77.5°	335.3	352.7	352.7	341.6	346.4	347.9	366.9	381.2	411.2	414.4	401.7
80°	243.6	261.0	275.2	265.7	273.6	264.1	275.2	284.7	314.7	300.5	279.9
82.5°	174.0	186.6	197.7	199.3	191.4	174.0	188.2	189.8	204.0	185.0	174.0
85°	96.5	107.5	121.8	115.5	102.8	91.7	96.5	99.6	98.1	93.3	87.0
87.5°	25.3	26.9	30.0	22.1	20.6	17.4	23.7	23.7	26.9	28.5	26.9
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°	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3
2.5°	5122.7	5192.3	5342.5	5456.4	5595.6	5764.8	5964.1	6165.0	6381.6	6449.6	6544.5
5°	4238.6	4412.6	4485.3	4692.5	4898.1	5206.5	5535.5	5916.6	6334.2	6535.0	6728.0
7.5°	3621.8	3715.1	3791.0	3942.9	4189.6	4564.4	4977.2	5453.2	6044.8	6337.3	6620.4
10°	3289.7	3299.2	3392.5	3580.7	3795.8	4126.3	4517.0	5049.9	5709.5	6065.3	6397.4
12.5°	3069.8	3028.7	3129.9	3326.0	3569.6	3874.8	4233.9	4741.5	5467.5	5832.8	6234.5
15°	2876.9	2812.0	2887.9	3088.8	3329.2	3688.2	4074.1	4611.9	5372.6	5798.0	6244.0
17.5°	2881.6	2702.9	2729.8	2899.0	3137.8	3503.2	3971.3	4607.1	5516.5	6006.8	6535.0
20°	3237.5	2951.2	2829.4	2861.1	3092.0	3490.5	4018.8	4828.5	5989.4	6704.3	7268.9
22.5°	3587.0	3414.6	3218.5	3153.6	3280.2	3697.7	4320.8	5352.0	7017.4	8094.5	9114.6
25°	3465.2	3612.3	3563.3	3471.5	3500.0	3846.4	4526.4	5782.2	7816.1	9029.2	9987.6
27.5°	2772.5	3039.8	3093.5	3092.0	3103.0	3387.7	4071.0	5492.8	7915.8	9207.9	10123.6
30°	1948.5	1972.2	2000.7	2056.0	2106.6	2361.3	3185.3	4822.2	7871.5	9288.6	10205.9
32.5°	1406.0	1437.6	1477.2	1553.1	1673.3	1997.5	2786.7	4608.7	8105.5	9622.3	10446.3
35°	1285.8	1322.2	1360.1	1447.1	1561.0	1861.5	2628.6	4520.1	8489.9	10163.2	10878.0
37.5°	1247.9	1289.0	1322.2	1385.5	1477.2	1763.4	2484.6	4460.0	8883.7	10735.7	11456.9
40°	1221.0	1268.4	1295.3	1345.9	1409.2	1673.3	2356.5	4412.6	9264.8	11259.2	11921.9
42.5°	1197.2	1246.3	1281.1	1317.4	1369.6	1592.6	2242.7	4365.1	9595.4	11766.9	12385.3
45°	1168.8	1230.5	1274.7	1303.2	1349.1	1524.6	2155.7	4327.2	9971.8	12217.6	12853.4
47.5°	1145.1	1213.1	1268.4	1301.6	1319.0	1477.2	2086.1	4379.4	10424.1	12688.9	13288.3
50°	1146.6	1211.5	1281.1	1333.3	1287.4	1437.6	2043.4	4586.5	11012.5	13248.8	13631.5
52.5°	1197.2	1276.3	1331.7	1344.3	1243.1	1390.2	2021.2	4948.7	11708.4	13743.8	13977.9
55°	1254.2	1336.4	1396.5	1388.6	1219.4	1330.1	2016.5	5334.6	12470.7	14321.1	14428.6
57.5°	1233.6	1353.8	1445.6	1404.4	1221.0	1271.6	1995.9	5646.2	13108.0	14752.9	14874.7
58°	1227.3	1347.5	1451.9	1401.3	1216.2	1254.2	1991.2	5673.1	13196.6	14782.9	14937.9
60°	1165.6	1292.1	1447.1	1377.5	1189.3	1206.7	1939.0	5760.1	13172.9	14627.9	14975.9
62.5°	1053.3	1157.7	1338.0	1262.1	1107.1	1143.5	1822.0	5652.5	12530.8	13881.4	14420.7
65°	926.8	1004.3	1124.5	1110.3	990.1	1078.6	1662.2	5227.1	11245.0	12669.9	13237.7
67.5°	831.9	895.2	971.1	950.5	890.4	991.6	1489.8	4507.5	9802.6	11214.9	11929.8
70°	735.4	784.5	822.4	808.2	789.2	906.2	1336.4	3658.2	8420.3	9832.6	10525.3
72.5°	637.4	683.2	714.9	694.3	683.2	816.1	1211.5	2838.9	6650.5	8111.9	9002.3
75°	533.0	578.9	601.0	577.3	570.9	719.6	1026.4	2120.9	4989.8	6253.5	7022.2
77.5°	412.8	461.8	490.3	482.4	485.5	591.5	828.7	1451.9	3568.0	4262.3	5072.1
80°	289.4	343.2	362.2	354.3	376.4	450.7	585.2	922.1	2460.9	2766.2	3337.1
82.5°	178.7	229.3	232.5	240.4	256.2	333.7	441.3	561.5	1545.2	1597.4	2011.8
85°	90.1	109.1	117.0	129.7	143.9	204.0	251.5	347.9	994.8	752.8	1124.5
87.5°	30.0	31.6	38.0	47.4	58.5	83.8	107.5	142.3	246.7	136.0	347.9
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: P453540

CATALOG NUMBER: GLAN-SA4C-750-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3	6016.3
2.5°	6735.9	6870.3	6968.4	7058.5	6971.6	6963.6	6878.2	6740.6	6683.7	6683.7
5°	7132.9	7447.6	7702.2	7865.1	7795.6	7627.9	7351.1	6998.4	6808.7	6775.4
7.5°	7242.0	7863.6	8336.4	8504.1	8387.1	8017.0	7487.1	6892.5	6620.4	6560.3
10°	7175.6	7983.8	8678.1	8943.8	8780.9	8221.0	7498.2	6769.1	6433.8	6364.2
12.5°	7106.0	7999.6	8741.3	9125.7	9019.7	8385.5	7578.9	6688.5	6301.0	6201.3
15°	7156.6	8005.9	8663.8	9060.8	9128.8	8583.2	7711.7	6747.0	6274.1	6168.1
17.5°	7476.1	8126.1	8553.1	8874.2	9113.0	8852.0	8089.7	7026.9	6514.5	6383.2
20°	8143.5	8413.9	8616.4	8864.7	9249.0	9400.8	8863.1	7795.6	7189.8	7074.4
22.5°	10076.2	10027.1	9612.8	9608.0	10164.7	10773.6	10737.3	9358.1	8447.2	8352.3
25°	10800.5	10572.8	9973.4	9827.9	10073.0	11012.5	10876.4	9677.6	8836.2	8605.3
27.5°	10517.4	9952.8	9559.0	9525.8	9445.1	10332.4	10659.8	9807.3	8972.2	8747.7
30°	10500.0	9669.7	9106.7	9173.1	9250.6	10098.3	10780.0	10213.8	9320.2	9079.8
32.5°	10542.7	9709.2	9139.9	9152.5	9383.4	10133.1	10912.8	10656.6	9777.3	9536.9
35°	10715.1	9933.8	9351.8	9321.8	9682.4	10360.9	11139.0	11352.5	10402.0	10128.4
37.5°	10993.5	10381.4	9739.3	9731.4	10254.9	10772.1	11420.5	12054.7	11023.5	10729.4
40°	11403.1	10904.9	10428.9	10386.2	11033.0	11441.1	11785.8	12802.8	11746.3	11368.3
42.5°	11898.1	11532.8	11338.3	11507.5	12129.0	12192.3	12355.2	13493.9	12361.5	11921.9
45°	12356.8	12339.4	12609.8	13059.0	13421.2	13041.6	12949.9	13957.3	12839.2	12361.5
47.5°	12902.4	13373.7	14189.8	14847.8	15227.3	14030.1	13457.6	14259.4	13187.1	12747.4
50°	13456.0	14612.1	15915.3	16832.6	16913.3	15104.0	13807.1	14544.1	13503.4	13046.4
52.5°	14038.0	15600.6	17335.6	18401.5	18245.0	16038.7	14145.5	14737.1	13829.2	13427.5
55°	14544.1	16206.3	18129.5	19152.8	18923.5	16608.1	14510.9	14945.8	14294.2	13955.8
57.5°	14827.2	16256.9	17931.8	18825.4	18577.1	16497.3	14678.5	15100.8	14591.6	14325.8
58°	14868.3	16188.9	17756.3	18635.6	18382.6	16404.0	14677.0	15094.5	14610.5	14343.2
60°	14831.9	15747.7	17103.1	17886.0	17620.3	15818.8	14616.9	14975.9	14370.1	14144.0
62.5°	14495.1	14982.2	15975.4	16544.8	16468.9	14904.7	14370.1	14528.3	13637.9	13419.6
65°	14052.2	13938.4	14531.5	14934.8	14991.7	14219.9	14125.0	13560.4	12698.4	12390.0
67.5°	13514.5	12755.3	12753.8	12983.1	13078.0	13166.6	13614.1	12508.6	11344.6	11018.8
70°	12601.9	10931.8	10428.9	10699.3	10620.2	11368.3	12701.6	11031.4	9712.4	9331.3
72.5°	10928.6	8674.9	7869.9	8217.8	8018.6	8915.3	11113.7	9078.2	8031.2	7563.1
75°	8858.4	6489.2	5658.9	5978.3	5855.0	6762.8	9247.4	6593.6	5760.1	5581.4
77.5°	6878.2	4702.0	4219.6	4175.3	4267.1	5032.6	6783.3	4452.1	3797.3	3675.6
80°	4418.9	3365.6	3394.0	3337.1	3384.6	3172.6	4118.4	2840.5	2571.6	2473.6
82.5°	2908.5	2345.5	2796.2	2581.1	2451.4	2133.5	2701.3	1859.9	1578.4	1524.6
85°	1981.7	1727.1	1572.1	1202.0	1415.5	1643.2	2026.0	1001.1	793.9	719.6
87.5°	895.2	601.0	441.3	272.0	430.2	496.6	983.7	117.0	90.1	93.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)