

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: P954437

Luminaire Tested: **GLAN-SB7C-940-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P954437
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB7C-940-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 90 CRI, 4000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 38456 lumens
Efficiency: N/A
Efficacy: 109.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

Input Watts (W): 350.5
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



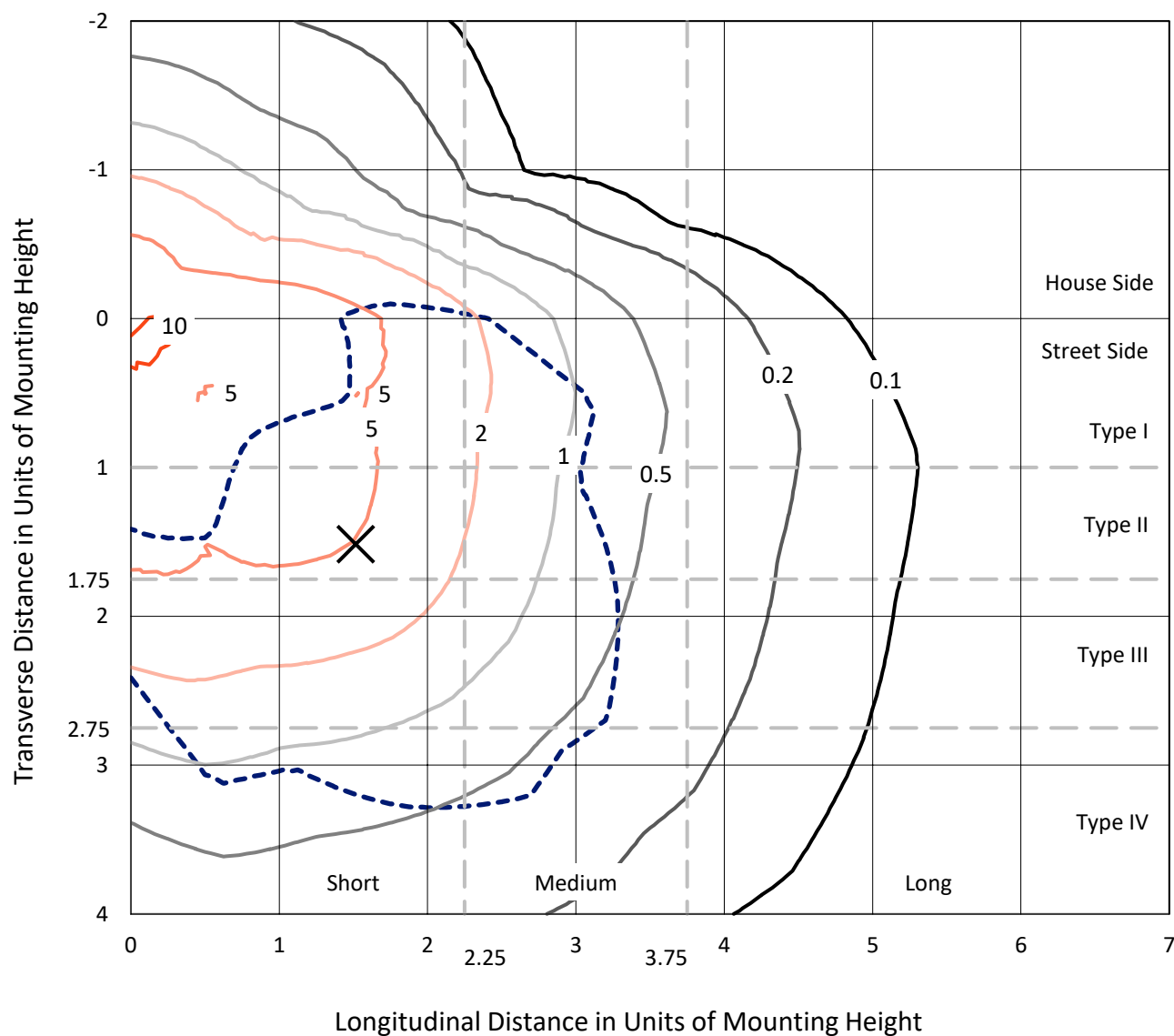
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

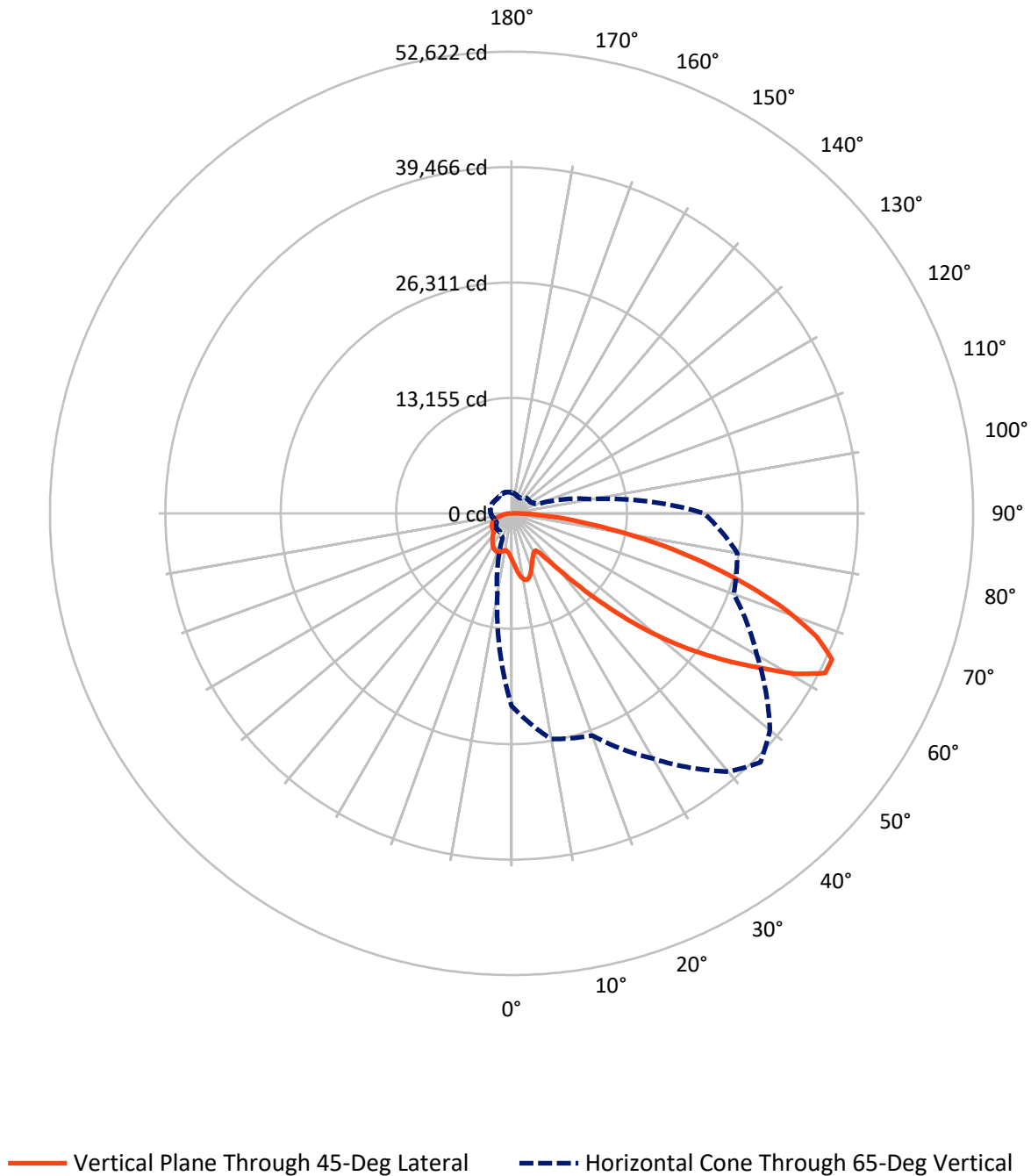


Based on 25 foot mounting height. Maximum calculated value = 11.7 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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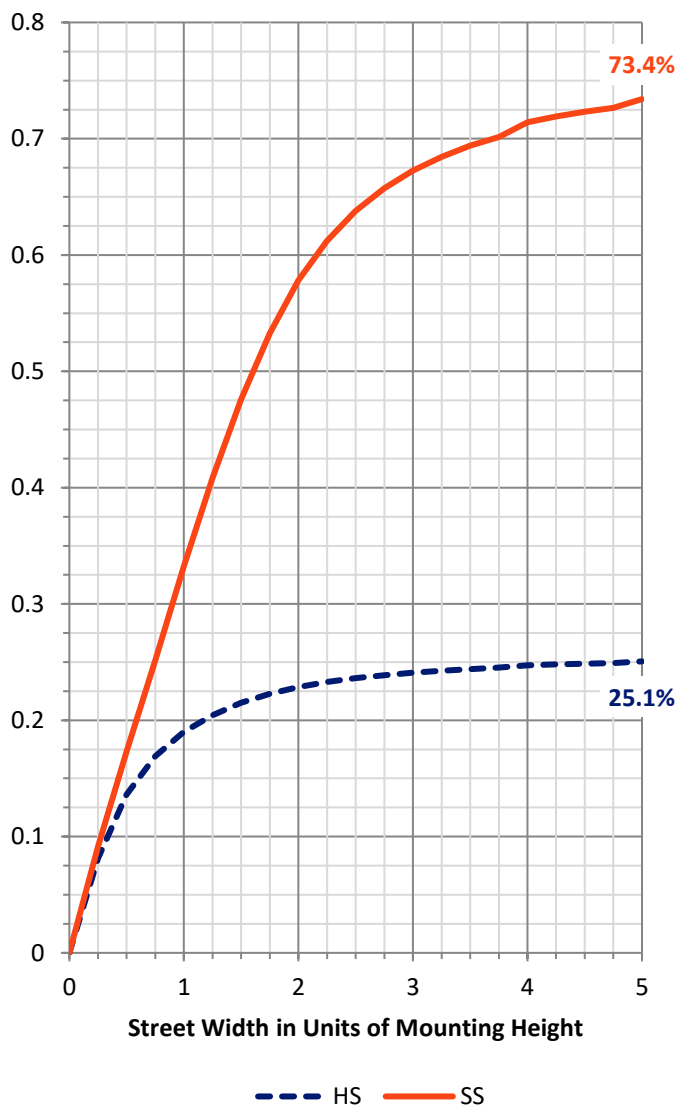
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9773.6	0.0	9773.6
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	28682.4	0.0	28682.4
	% Fixture	74.6	0.0	74.6
Total	Lumens	38456.0	0.0	38456.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	524.6	1.4
10°-20°	1646.7	4.3
20°-30°	2543.6	6.6
30°-40°	3223.4	8.4
40°-50°	4861.7	12.6
50°-60°	7854.8	20.4
60°-70°	9792.3	25.5
70°-80°	6421.3	16.7
80°-90°	1587.5	4.1
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°	38456.0	100.0
0°-180°	38456.0	100.0

Coefficient of Utilization



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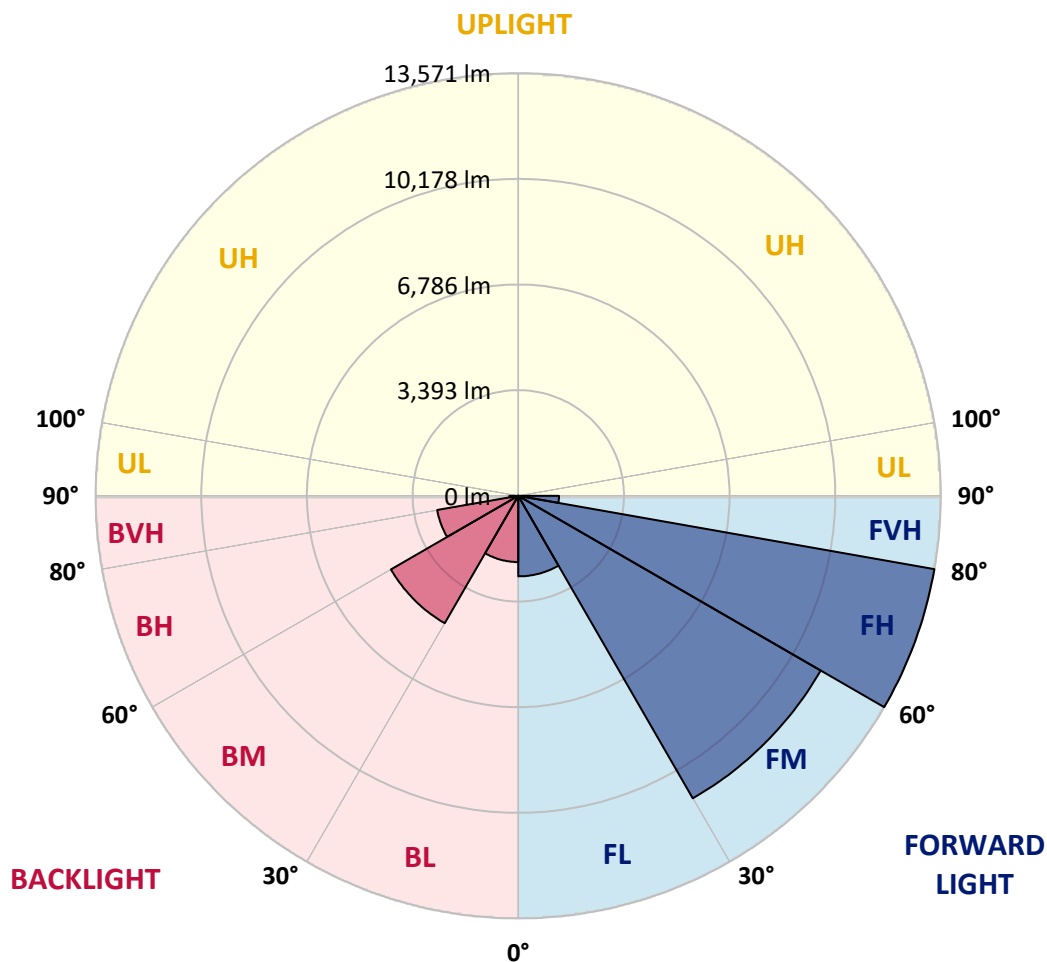
CATALOG NUMBER: GLAN-SB7C-940-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2586.6	6.7			
FM	(30°-60°)	11216.8	29.2			
FH	(60°-80°)	13571.3	35.3			G5
FVH	(80°-90°)	1307.8	3.4			G5
BL	(0°-30°)	2128.3	5.5	B3/2500		
BM	(30°-60°)	4723.2	12.3	B3/5000		
BH	(60°-80°)	2642.3	6.9	B4/5000		G4/5000
BVH	(80°-90°)	279.7	0.7			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0
2.5°	5686.8	5708.3	5730.0	5760.6	5791.3	5809.5	5827.8	5836.9	5846.1	5842.0
5°	6114.9	6190.2	6265.7	6340.4	6415.2	6455.8	6496.4	6521.0	6545.7	6564.4
7.5°	6545.1	6667.7	6790.0	6900.2	7010.4	7076.7	7143.1	7179.0	7214.7	7232.0
10°	6874.8	7019.7	7164.6	7293.9	7423.1	7501.5	7579.4	7614.3	7649.0	7662.2
12.5°	7076.7	7233.8	7390.7	7507.5	7624.0	7680.8	7737.7	7756.7	7775.8	7777.8
15°	7199.5	7335.1	7470.4	7543.7	7617.1	7619.1	7621.2	7600.9	7580.6	7556.6
17.5°	7268.5	7360.0	7451.5	7453.0	7454.2	7372.0	7289.8	7214.5	7139.0	7085.9
20°	7344.6	7376.5	7408.5	7312.1	7215.7	7034.3	6852.9	6720.8	6588.7	6507.6
22.5°	7432.9	7391.1	7349.3	7149.6	6949.9	6683.1	6416.3	6251.1	6085.9	5996.2
25°	7546.5	7414.6	7282.7	6979.6	6676.4	6352.3	6028.3	5854.6	5681.3	5596.5
27.5°	7700.7	7464.9	7228.9	6827.4	6426.0	6066.8	5707.7	5536.8	5366.2	5286.0
30°	7908.7	7557.1	7205.6	6711.3	6217.0	5842.8	5468.6	5310.1	5151.7	5077.0
32.5°	8154.2	7672.7	7191.4	6632.2	6072.9	5721.3	5369.6	5245.2	5120.6	5066.9
35°	8452.5	7863.3	7274.2	6691.4	6108.8	5864.5	5620.4	5591.4	5562.4	5557.9
37.5°	8954.8	8261.6	7568.4	7038.8	6509.2	6493.4	6477.5	6610.2	6742.9	6811.9
40°	9713.7	8959.8	8206.0	7812.1	7418.3	7696.3	7974.3	8296.9	8619.5	8780.2
42.5°	10720.1	9972.2	9224.2	8997.4	8770.5	9376.8	9983.1	10570.0	11156.8	11501.4
45°	11963.0	11291.1	10619.1	10519.0	10418.8	11390.2	12361.7	13326.0	14290.5	14875.9
47.5°	13517.4	12863.8	12210.0	12189.7	12169.4	13570.7	14971.7	16383.4	17794.9	18623.8
50°	15554.6	14747.2	13940.0	13943.5	13946.9	15752.9	17558.9	19422.3	21285.6	22412.2
52.5°	17893.3	16915.6	15938.2	15839.3	15740.3	17897.5	20054.7	22360.3	24665.6	26016.1
55°	20383.1	19417.2	18451.3	18066.0	17680.6	20081.5	22482.2	25230.8	27979.3	29585.4
57.5°	22647.6	22121.7	21595.5	20822.6	20049.9	22474.1	24898.4	28011.5	31124.5	33116.1
60°	24016.3	24833.3	25650.4	24690.6	23730.8	26025.0	28319.2	31652.3	34985.4	37138.0
62.5°	23321.3	25553.6	27785.9	27677.8	27569.4	29671.0	31772.8	34944.0	38115.0	40104.6
65°	21930.3	24025.4	26120.6	26535.1	26949.5	29620.3	32291.3	35366.3	38441.1	40135.1
67.5°	20066.5	22059.2	24051.8	24246.2	24440.4	27223.2	30005.8	33094.0	36182.2	37509.3
70°	17827.3	19994.7	22162.2	22249.1	22336.1	24824.7	27313.1	29970.7	32628.1	33365.7
72.5°	15159.0	17646.1	20133.5	20196.0	20258.3	22205.3	24152.3	26142.7	28132.9	28207.6
75°	11783.4	14357.6	16931.8	17163.0	17394.1	18908.9	20423.7	21824.8	23225.9	22850.5
77.5°	8419.0	10822.0	13225.2	13555.9	13886.7	15038.2	16189.8	17183.5	18177.4	17532.1
80°	5510.2	7531.9	9553.4	9964.5	10375.6	11245.3	12114.6	12636.5	13158.2	12120.3
82.5°	3203.1	4585.1	5967.4	6426.6	6886.0	7484.6	8083.2	8301.0	8518.5	7702.7
85°	1409.3	2142.8	2876.4	3267.0	3657.6	4149.5	4641.1	4764.7	4888.3	4234.9
87.5°	436.3	682.8	929.4	1147.3	1365.2	1611.2	1857.1	1867.7	1878.0	1576.7
90°	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):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
5288.0	0°	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0
5846.1	2.5°	5836.9	5827.8	5809.5	5791.3	5760.6	5730.0	5708.3	5686.8	5643.1	5599.5
6545.7	5°	6521.0	6496.4	6455.8	6415.2	6340.4	6265.7	6190.2	6114.9	6018.5	5922.1
7214.7	7.5°	7179.0	7143.1	7076.7	7010.4	6900.2	6790.0	6667.7	6545.1	6386.0	6227.1
7649.0	10°	7614.3	7579.4	7501.5	7423.1	7293.9	7164.6	7019.7	6874.8	6673.8	6472.7
7775.8	12.5°	7756.7	7737.7	7680.8	7624.0	7507.5	7390.7	7233.8	7076.7	6855.8	6635.0
7580.6	15°	7600.9	7621.2	7619.1	7617.1	7543.7	7470.4	7335.1	7199.5	6969.2	6738.9
7139.0	17.5°	7214.5	7289.8	7372.0	7454.2	7453.0	7451.5	7360.0	7268.5	7034.9	6801.4
6588.7	20°	6720.8	6852.9	7034.3	7215.7	7312.1	7408.5	7376.5	7344.6	7101.9	6859.0
6085.9	22.5°	6251.1	6416.3	6683.1	6949.9	7149.6	7349.3	7391.1	7432.9	7184.9	6936.7
5681.3	25°	5854.6	6028.3	6352.3	6676.4	6979.6	7282.7	7414.6	7546.5	7303.4	7060.5
5366.2	27.5°	5536.8	5707.7	6066.8	6426.0	6827.4	7228.9	7464.9	7700.7	7469.0	7237.1
5151.7	30°	5310.1	5468.6	5842.8	6217.0	6711.3	7205.6	7557.1	7908.7	7684.7	7460.9
5120.6	32.5°	5245.2	5369.6	5721.3	6072.9	6632.2	7191.4	7672.7	8154.2	7932.5	7710.9
5562.4	35°	5591.4	5620.4	5864.5	6108.8	6691.4	7274.2	7863.3	8452.5	8240.3	8027.8
6742.9	37.5°	6610.2	6477.5	6493.4	6509.2	7038.8	7568.4	8261.6	8954.8	8684.1	8413.4
8619.5	40°	8296.9	7974.3	7696.3	7418.3	7812.1	8206.0	8959.8	9713.7	9319.2	8924.7
11156.8	42.5°	10570.0	9983.1	9376.8	8770.5	8997.4	9224.2	9972.2	10720.1	10150.7	9581.4
14290.5	45°	13326.0	12361.7	11390.2	10418.8	10519.0	10619.1	11291.1	11963.0	11195.0	10426.9
17794.9	47.5°	16383.4	14971.7	13570.7	12169.4	12189.7	12210.0	12863.8	13517.4	12436.4	11355.3
21285.6	50°	19422.3	17558.9	15752.9	13946.9	13943.5	13940.0	14747.2	15554.6	13925.0	12295.2
24665.6	52.5°	22360.3	20054.7	17897.5	15740.3	15839.3	15938.2	16915.6	17893.3	15488.7	13084.1
27979.3	55°	25230.8	22482.2	20081.5	17680.6	18066.0	18451.3	19417.2	20383.1	16875.0	13367.2
31124.5	57.5°	28011.5	24898.4	22474.1	20049.9	20822.6	21595.5	22121.7	22647.6	17857.6	13067.5
34985.4	60°	31652.3	28319.2	26025.0	23730.8	24690.6	25650.4	24833.3	24016.3	18103.1	12189.7
38115.0	62.5°	34944.0	31772.8	29671.0	27569.4	27677.8	27785.9	25553.6	23321.3	17069.2	10817.1
38441.1	65°	35366.3	32291.3	29620.3	26949.5	26535.1	26120.6	24025.4	21930.3	15606.4	9282.5
36182.2	67.5°	33094.0	30005.8	27223.2	24440.4	24246.2	24051.8	22059.2	20066.5	13865.6	7664.6
32628.1	70°	29970.7	27313.1	24824.7	22336.1	22249.1	22162.2	19994.7	17827.3	11966.0	6104.8
28132.9	72.5°	26142.7	24152.3	22205.3	20258.3	20196.0	20133.5	17646.1	15159.0	9906.8	4654.9
23225.9	75°	21824.8	20423.7	18908.9	17394.1	17163.0	16931.8	14357.6	11783.4	7546.3	3309.2
18177.4	77.5°	17183.5	16189.8	15038.2	13886.7	13555.9	13225.2	10822.0	8419.0	5281.7	2144.4
13158.2	80°	12636.5	12114.6	11245.3	10375.6	9964.5	9553.4	7531.9	5510.2	3402.9	1295.6
8518.5	82.5°	8301.0	8083.2	7484.6	6886.0	6426.6	5967.4	4585.1	3203.1	1969.5	736.2
4888.3	85°	4764.7	4641.1	4149.5	3657.6	3267.0	2876.4	2142.8	1409.3	885.9	362.8
1878.0	87.5°	1867.7	1857.1	1611.2	1365.2	1147.3	929.4	682.8	436.3	290.2	144.1
0.0	90°	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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
5288.0	0°	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0
5553.0	2.5°	5506.8	5460.1	5413.4	5368.8	5324.2	5280.9	5232.8	5193.9	5155.1	5120.0
5826.0	5°	5730.0	5633.2	5536.6	5446.3	5356.0	5270.8	5186.6	5113.1	5039.5	4977.8
6080.2	7.5°	5933.3	5790.3	5647.2	5521.2	5395.2	5278.9	5169.9	5072.1	4974.5	4893.4
6278.5	10°	6084.5	5910.8	5736.9	5587.9	5438.6	5295.1	5178.0	5075.0	4971.9	4890.7
6415.0	12.5°	6195.1	5990.1	5785.2	5616.6	5447.9	5297.2	5188.2	5103.8	5019.8	4965.8
6500.3	15°	6261.6	6025.6	5789.6	5594.4	5399.2	5232.2	5145.0	5104.6	5064.4	5071.7
6541.0	17.5°	6280.7	6006.8	5732.8	5498.1	5263.3	5066.9	5013.1	5027.9	5042.5	5131.0
6572.9	20°	6286.8	5954.8	5622.8	5331.9	5040.9	4812.2	4798.0	4867.0	4936.0	5089.6
6615.9	22.5°	6294.9	5891.1	5487.3	5136.9	4786.4	4526.1	4553.9	4655.9	4758.0	4933.3
6693.8	25°	6327.0	5828.2	5329.6	4919.1	4508.8	4242.0	4317.1	4434.8	4552.5	4710.1
6815.6	27.5°	6393.9	5786.2	5178.5	4720.1	4261.7	4018.8	4110.1	4223.7	4337.4	4467.0
6973.3	30°	6485.7	5766.5	5047.0	4553.7	4060.4	3856.4	3928.1	4018.2	4108.7	4216.2
7137.8	32.5°	6564.8	5742.2	4919.1	4410.2	3901.1	3736.7	3768.6	3822.0	3875.3	3961.2
7325.3	35°	6622.8	5696.3	4770.2	4269.2	3768.2	3631.2	3618.0	3632.6	3647.4	3713.0
7535.3	37.5°	6657.3	5617.8	4578.2	4103.2	3628.2	3508.4	3460.1	3443.9	3427.7	3474.8
7802.0	40°	6679.0	5509.6	4340.4	3905.1	3469.9	3361.3	3287.3	3250.5	3213.8	3247.7
8150.8	42.5°	6720.2	5398.0	4076.2	3686.6	3297.0	3197.0	3103.6	3054.9	3006.2	3033.8
8609.8	45°	6792.7	5294.3	3796.2	3454.5	3112.8	3011.3	2921.0	2873.5	2826.2	2849.4
9098.8	47.5°	6842.4	5208.7	3575.0	3270.8	2966.7	2835.8	2758.1	2718.3	2678.5	2700.4
9552.5	50°	6809.9	5115.3	3420.8	3148.9	2877.0	2704.9	2614.6	2579.3	2544.2	2578.3
9847.2	52.5°	6610.0	4957.7	3305.5	3068.5	2831.7	2633.9	2507.7	2472.8	2438.1	2489.4
9782.2	55°	6197.1	4696.3	3195.5	3010.3	2825.0	2641.0	2450.8	2395.6	2340.7	2413.5
9325.3	57.5°	5583.3	4327.8	3072.2	2941.3	2810.4	2648.1	2416.7	2336.4	2256.0	2334.4
8474.9	60°	4760.0	3849.3	2938.7	2835.8	2732.9	2625.8	2384.7	2280.6	2176.3	2245.1
7324.9	62.5°	3832.7	3276.7	2720.7	2652.3	2584.2	2571.0	2347.4	2217.1	2087.0	2130.6
6151.6	65°	3021.0	2761.5	2502.0	2469.7	2437.4	2439.1	2268.6	2130.2	1991.6	2008.5
5002.3	67.5°	2340.0	2266.4	2192.5	2210.6	2228.4	2224.0	2128.2	2012.9	1897.7	1892.4
3938.6	70°	1772.5	1793.6	1814.5	1898.1	1981.5	1981.5	1950.0	1868.1	1786.1	1767.8
3011.1	72.5°	1367.3	1430.8	1494.5	1613.0	1731.3	1751.2	1751.6	1695.4	1639.2	1612.4
2185.4	75°	1061.7	1119.3	1176.9	1309.6	1442.3	1534.1	1526.3	1483.1	1439.7	1414.1
1480.9	77.5°	817.4	856.5	895.9	1024.7	1153.6	1304.8	1300.7	1266.0	1231.3	1205.3
954.1	80°	612.8	629.0	645.3	754.4	863.4	1044.0	1043.4	1014.4	985.2	963.5
586.8	82.5°	437.9	440.7	444.0	524.3	604.7	758.9	767.4	753.2	739.0	723.6
313.7	85°	264.8	263.4	261.8	320.6	379.5	494.1	505.3	490.0	474.8	457.6
130.1	87.5°	116.1	114.6	113.2	137.2	161.3	209.0	223.2	217.1	211.0	207.8
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P954437

CATALOG NUMBER: GLAN-SB7C-940-U-SLL

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
5288.0	0°	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0
5085.1	2.5°	5054.5	5023.8	4993.0	4962.3	4938.6	4914.7	4895.4	4876.1	4861.1	4846.1
4916.3	5°	4861.9	4807.5	4758.2	4708.7	4670.8	4632.6	4606.0	4579.4	4560.6	4541.7
4812.2	7.5°	4743.8	4675.2	4614.8	4554.5	4509.2	4464.2	4432.5	4400.9	4379.2	4357.7
4809.6	10°	4735.9	4662.0	4594.1	4526.1	4472.1	4417.9	4382.6	4346.9	4326.4	4305.9
4912.2	12.5°	4854.2	4796.6	4726.2	4655.9	4587.0	4518.0	4472.3	4426.6	4403.7	4381.0
5079.0	15°	5064.0	5049.0	4987.9	4926.8	4828.6	4730.4	4661.0	4591.6	4559.8	4528.1
5219.4	17.5°	5266.5	5313.4	5264.1	5215.0	5084.9	4954.8	4852.6	4750.3	4703.2	4655.9
5243.4	20°	5341.8	5440.2	5417.5	5394.6	5245.8	5097.3	4971.9	4846.7	4786.4	4725.9
5109.1	22.5°	5237.1	5365.1	5378.9	5392.5	5250.5	5108.4	4979.4	4850.1	4786.6	4722.9
4868.0	25°	4994.0	5120.0	5167.1	5214.0	5097.5	4981.2	4866.4	4751.9	4696.7	4641.7
4596.5	27.5°	4697.5	4798.6	4850.9	4903.5	4820.5	4737.7	4648.6	4559.6	4522.6	4485.5
4323.8	30°	4407.6	4491.6	4534.2	4576.8	4513.7	4450.4	4386.7	4322.5	4303.7	4284.6
4047.2	32.5°	4127.5	4208.1	4255.4	4302.9	4244.8	4186.6	4135.7	4084.7	4072.4	4060.0
3778.3	35°	3857.9	3937.6	3994.4	4051.2	4009.9	3968.7	3921.6	3874.7	3855.8	3837.2
3521.6	37.5°	3601.0	3680.5	3750.7	3820.9	3801.9	3782.8	3739.6	3696.1	3661.8	3627.8
3281.6	40°	3358.3	3435.0	3515.7	3596.7	3601.4	3605.8	3569.1	3532.4	3482.5	3433.0
3061.6	42.5°	3134.3	3207.1	3294.4	3381.6	3405.0	3428.3	3397.2	3366.4	3304.5	3242.6
2872.9	45°	2941.9	3010.9	3101.4	3191.9	3225.4	3258.9	3230.9	3203.1	3132.2	3061.6
2722.1	47.5°	2789.7	2857.1	2946.4	3035.6	3074.2	3112.8	3093.3	3073.8	3010.9	2948.0
2612.6	50°	2676.3	2739.8	2819.7	2899.7	2949.2	2998.7	2997.5	2996.7	2946.4	2896.0
2540.5	52.5°	2599.0	2657.2	2731.7	2806.3	2865.0	2923.6	2934.2	2944.7	2903.8	2862.8
2486.1	55°	2549.1	2612.0	2677.3	2742.4	2804.5	2866.8	2881.4	2896.0	2860.3	2824.6
2412.7	57.5°	2486.6	2560.4	2624.9	2689.7	2752.4	2814.9	2829.7	2844.5	2808.4	2772.3
2313.7	60°	2398.5	2483.3	2548.8	2614.6	2677.5	2740.4	2756.6	2772.9	2737.6	2702.5
2174.3	62.5°	2273.1	2372.1	2442.1	2512.1	2569.7	2627.4	2643.0	2658.6	2626.8	2594.9
2025.1	65°	2131.0	2237.2	2304.1	2371.1	2421.8	2472.6	2488.6	2504.4	2473.8	2443.1
1887.1	67.5°	1984.9	2082.9	2146.5	2209.8	2253.6	2297.4	2313.1	2328.5	2300.3	2272.3
1749.6	70°	1835.6	1921.6	1976.4	2031.2	2070.8	2110.3	2125.4	2140.4	2117.4	2094.5
1585.8	72.5°	1653.6	1721.1	1770.7	1820.2	1858.9	1897.7	1915.5	1933.4	1914.3	1895.2
1388.4	75°	1438.7	1489.0	1533.9	1578.7	1614.0	1649.3	1668.0	1686.7	1677.3	1668.0
1179.4	77.5°	1220.3	1261.1	1299.7	1338.2	1375.4	1412.3	1429.8	1447.2	1434.2	1420.8
941.5	80°	975.6	1009.5	1042.0	1074.4	1102.7	1130.7	1153.8	1176.9	1171.2	1165.8
708.2	82.5°	705.3	702.5	691.1	679.8	739.8	799.9	839.3	878.6	876.2	873.6
440.3	85°	425.7	410.9	379.5	348.0	404.2	460.6	509.3	558.0	554.0	549.9
204.5	87.5°	203.9	203.3	179.4	155.2	178.8	202.5	222.2	241.9	237.0	231.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P954437

CATALOG NUMBER: GLAN-SB7C-940-U-SLL

CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
5288.0	0°	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0
4832.3	2.5°	4818.3	4801.0	4818.3	4832.3	4846.1	4861.1	4876.1	4895.4	4914.7	4938.6
4527.3	5°	4512.9	4498.7	4512.9	4527.3	4541.7	4560.6	4579.4	4606.0	4632.6	4670.8
4344.7	7.5°	4331.9	4322.1	4331.9	4344.7	4357.7	4379.2	4400.9	4432.5	4464.2	4509.2
4295.0	10°	4284.0	4279.5	4284.0	4295.0	4305.9	4326.4	4346.9	4382.6	4417.9	4472.1
4371.7	12.5°	4362.3	4360.7	4362.3	4371.7	4381.0	4403.7	4426.6	4472.3	4518.0	4587.0
4515.9	15°	4503.8	4502.7	4503.8	4515.9	4528.1	4559.8	4591.6	4661.0	4730.4	4828.6
4640.5	17.5°	4624.9	4622.5	4624.9	4640.5	4655.9	4703.2	4750.3	4852.6	4954.8	5084.9
4706.7	20°	4687.4	4681.3	4687.4	4706.7	4725.9	4786.4	4846.7	4971.9	5097.3	5245.8
4701.6	22.5°	4680.3	4671.2	4680.3	4701.6	4722.9	4786.6	4850.1	4979.4	5108.4	5250.5
4621.6	25°	4601.8	4590.0	4601.8	4621.6	4641.7	4696.7	4751.9	4866.4	4981.2	5097.5
4476.4	27.5°	4467.2	4464.2	4467.2	4476.4	4485.5	4522.6	4559.6	4648.6	4737.7	4820.5
4284.6	30°	4284.6	4287.6	4284.6	4284.6	4284.6	4303.7	4322.5	4386.7	4450.4	4513.7
4061.6	32.5°	4063.4	4066.5	4063.4	4061.6	4060.0	4072.4	4084.7	4135.7	4186.6	4244.8
3833.1	35°	3829.1	3827.0	3829.1	3833.1	3837.2	3855.8	3874.7	3921.6	3968.7	4009.9
3609.7	37.5°	3591.6	3581.5	3591.6	3609.7	3627.8	3661.8	3696.1	3739.6	3782.8	3801.9
3399.3	40°	3366.0	3346.1	3366.0	3399.3	3433.0	3482.5	3532.4	3569.1	3605.8	3601.4
3193.7	42.5°	3144.8	3112.8	3144.8	3193.7	3242.6	3304.5	3366.4	3397.2	3428.3	3405.0
3004.2	45°	2946.8	2909.8	2946.8	3004.2	3061.6	3132.2	3203.1	3230.9	3258.9	3225.4
2894.8	47.5°	2841.9	2806.3	2841.9	2894.8	2948.0	3010.9	3073.8	3093.3	3112.8	3074.2
2846.9	50°	2797.8	2763.7	2797.8	2846.9	2896.0	2946.4	2996.7	2997.5	2998.7	2949.2
2818.7	52.5°	2774.9	2743.4	2774.9	2818.7	2862.8	2903.8	2944.7	2934.2	2923.6	2865.0
2786.1	55°	2747.5	2719.1	2747.5	2786.1	2824.6	2860.3	2896.0	2881.4	2866.8	2804.5
2734.1	57.5°	2695.8	2666.3	2695.8	2734.1	2772.3	2808.4	2844.5	2829.7	2814.9	2752.4
2663.1	60°	2623.7	2593.3	2623.7	2663.1	2702.5	2737.6	2772.9	2756.6	2740.4	2677.5
2553.5	62.5°	2512.1	2475.6	2512.1	2553.5	2594.9	2626.8	2658.6	2643.0	2627.4	2569.7
2402.9	65°	2363.0	2331.5	2363.0	2402.9	2443.1	2473.8	2504.4	2488.6	2472.6	2421.8
2234.9	67.5°	2197.6	2169.2	2197.6	2234.9	2272.3	2300.3	2328.5	2313.1	2297.4	2253.6
2058.8	70°	2023.1	1990.6	2023.1	2058.8	2094.5	2117.4	2140.4	2125.4	2110.3	2070.8
1861.2	72.5°	1827.3	1795.8	1827.3	1861.2	1895.2	1914.3	1933.4	1915.5	1897.7	1858.9
1639.4	75°	1610.8	1580.7	1610.8	1639.4	1668.0	1677.3	1686.7	1668.0	1649.3	1614.0
1392.0	77.5°	1363.2	1339.3	1363.2	1392.0	1420.8	1434.2	1447.2	1429.8	1412.3	1375.4
1127.0	80°	1088.0	1043.0	1088.0	1127.0	1165.8	1171.2	1176.9	1153.8	1130.7	1102.7
840.9	82.5°	808.0	779.2	808.0	840.9	873.6	876.2	878.6	839.3	799.9	739.8
524.3	85°	498.8	472.8	498.8	524.3	549.9	554.0	558.0	509.3	460.6	404.2
218.7	87.5°	205.4	192.8	205.4	218.7	231.7	237.0	241.9	222.2	202.5	178.8
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P954437

CATALOG NUMBER: GLAN-SB7C-940-U-SLL

CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
5288.0	0°	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0
4962.3	2.5°	4993.0	5023.8	5054.5	5085.1	5120.0	5155.1	5193.9	5232.8	5280.9	5324.2
4708.7	5°	4758.2	4807.5	4861.9	4916.3	4977.8	5039.5	5113.1	5186.6	5270.8	5356.0
4554.5	7.5°	4614.8	4675.2	4743.8	4812.2	4893.4	4974.5	5072.1	5169.9	5278.9	5395.2
4526.1	10°	4594.1	4662.0	4735.9	4809.6	4890.7	4971.9	5075.0	5178.0	5295.1	5438.6
4655.9	12.5°	4726.2	4796.6	4854.2	4912.2	4965.8	5019.8	5103.8	5188.2	5297.2	5447.9
4926.8	15°	4987.9	5049.0	5064.0	5079.0	5071.7	5064.4	5104.6	5145.0	5232.2	5399.2
5215.0	17.5°	5264.1	5313.4	5266.5	5219.4	5131.0	5042.5	5027.9	5013.1	5066.9	5263.3
5394.6	20°	5417.5	5440.2	5341.8	5243.4	5089.6	4936.0	4867.0	4798.0	4812.2	5040.9
5392.5	22.5°	5378.9	5365.1	5237.1	5109.1	4933.3	4758.0	4655.9	4553.9	4526.1	4786.4
5214.0	25°	5167.1	5120.0	4994.0	4868.0	4710.1	4552.5	4434.8	4317.1	4242.0	4508.8
4903.5	27.5°	4850.9	4798.6	4697.5	4596.5	4467.0	4337.4	4223.7	4110.1	4018.8	4261.7
4576.8	30°	4534.2	4491.6	4407.6	4323.8	4216.2	4108.7	4018.2	3928.1	3856.4	4060.4
4302.9	32.5°	4255.4	4208.1	4127.5	4047.2	3961.2	3875.3	3822.0	3768.6	3736.7	3901.1
4051.2	35°	3994.4	3937.6	3857.9	3778.3	3713.0	3647.4	3632.6	3618.0	3631.2	3768.2
3820.9	37.5°	3750.7	3680.5	3601.0	3521.6	3474.8	3427.7	3443.9	3460.1	3508.4	3628.2
3596.7	40°	3515.7	3435.0	3358.3	3281.6	3247.7	3213.8	3250.5	3287.3	3361.3	3469.9
3381.6	42.5°	3294.4	3207.1	3134.3	3061.6	3033.8	3006.2	3054.9	3103.6	3197.0	3297.0
3191.9	45°	3101.4	3010.9	2941.9	2872.9	2849.4	2826.2	2873.5	2921.0	3011.3	3112.8
3035.6	47.5°	2946.4	2857.1	2789.7	2722.1	2700.4	2678.5	2718.3	2758.1	2835.8	2966.7
2899.7	50°	2819.7	2739.8	2676.3	2612.6	2578.3	2544.2	2579.3	2614.6	2704.9	2877.0
2806.3	52.5°	2731.7	2657.2	2599.0	2540.5	2489.4	2438.1	2472.8	2507.7	2633.9	2831.7
2742.4	55°	2677.3	2612.0	2549.1	2486.1	2413.5	2340.7	2395.6	2450.8	2641.0	2825.0
2689.7	57.5°	2624.9	2560.4	2486.6	2412.7	2334.4	2256.0	2336.4	2416.7	2648.1	2810.4
2614.6	60°	2548.8	2483.3	2398.5	2313.7	2245.1	2176.3	2280.6	2384.7	2625.8	2732.9
2512.1	62.5°	2442.1	2372.1	2273.1	2174.3	2130.6	2087.0	2217.1	2347.4	2571.0	2584.2
2371.1	65°	2304.1	2237.2	2131.0	2025.1	2008.5	1991.6	2130.2	2268.6	2439.1	2437.4
2209.8	67.5°	2146.5	2082.9	1984.9	1887.1	1892.4	1897.7	2012.9	2128.2	2224.0	2228.4
2031.2	70°	1976.4	1921.6	1835.6	1749.6	1767.8	1786.1	1868.1	1950.0	1981.5	1981.5
1820.2	72.5°	1770.7	1721.1	1653.6	1585.8	1612.4	1639.2	1695.4	1751.6	1751.2	1731.3
1578.7	75°	1533.9	1489.0	1438.7	1388.4	1414.1	1439.7	1483.1	1526.3	1534.1	1442.3
1338.2	77.5°	1299.7	1261.1	1220.3	1179.4	1205.3	1231.3	1266.0	1300.7	1304.8	1153.6
1074.4	80°	1042.0	1009.5	975.6	941.5	963.5	985.2	1014.4	1043.4	1044.0	863.4
679.8	82.5°	691.1	702.5	705.3	708.2	723.6	739.0	753.2	767.4	758.9	604.7
348.0	85°	379.5	410.9	425.7	440.3	457.6	474.8	490.0	505.3	494.1	379.5
155.2	87.5°	179.4	203.3	203.9	204.5	207.8	211.0	217.1	223.2	209.0	161.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P954437

CATALOG NUMBER: GLAN-SB7C-940-U-SLL

CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
5288.0	0°	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0	5288.0
5368.8	2.5°	5413.4	5460.1	5506.8	5553.0	5599.5	5643.1	5686.8
5446.3	5°	5536.6	5633.2	5730.0	5826.0	5922.1	6018.5	6114.9
5521.2	7.5°	5647.2	5790.3	5933.3	6080.2	6227.1	6386.0	6545.1
5587.9	10°	5736.9	5910.8	6084.5	6278.5	6472.7	6673.8	6874.8
5616.6	12.5°	5785.2	5990.1	6195.1	6415.0	6635.0	6855.8	7076.7
5594.4	15°	5789.6	6025.6	6261.6	6500.3	6738.9	6969.2	7199.5
5498.1	17.5°	5732.8	6006.8	6280.7	6541.0	6801.4	7034.9	7268.5
5331.9	20°	5622.8	5954.8	6286.8	6572.9	6859.0	7101.9	7344.6
5136.9	22.5°	5487.3	5891.1	6294.9	6615.9	6936.7	7184.9	7432.9
4919.1	25°	5329.6	5828.2	6327.0	6693.8	7060.5	7303.4	7546.5
4720.1	27.5°	5178.5	5786.2	6393.9	6815.6	7237.1	7469.0	7700.7
4553.7	30°	5047.0	5766.5	6485.7	6973.3	7460.9	7684.7	7908.7
4410.2	32.5°	4919.1	5742.2	6564.8	7137.8	7710.9	7932.5	8154.2
4269.2	35°	4770.2	5696.3	6622.8	7325.3	8027.8	8240.3	8452.5
4103.2	37.5°	4578.2	5617.8	6657.3	7535.3	8413.4	8684.1	8954.8
3905.1	40°	4340.4	5509.6	6679.0	7802.0	8924.7	9319.2	9713.7
3686.6	42.5°	4076.2	5398.0	6720.2	8150.8	9581.4	10150.7	10720.1
3454.5	45°	3796.2	5294.3	6792.7	8609.8	10426.9	11195.0	11963.0
3270.8	47.5°	3575.0	5208.7	6842.4	9098.8	11355.3	12436.4	13517.4
3148.9	50°	3420.8	5115.3	6809.9	9552.5	12295.2	13925.0	15554.6
3068.5	52.5°	3305.5	4957.7	6610.0	9847.2	13084.1	15488.7	17893.3
3010.3	55°	3195.5	4696.3	6197.1	9782.2	13367.2	16875.0	20383.1
2941.3	57.5°	3072.2	4327.8	5583.3	9325.3	13067.5	17857.6	22647.6
2835.8	60°	2938.7	3849.3	4760.0	8474.9	12189.7	18103.1	24016.3
2652.3	62.5°	2720.7	3276.7	3832.7	7324.9	10817.1	17069.2	23321.3
2469.7	65°	2502.0	2761.5	3021.0	6151.6	9282.5	15606.4	21930.3
2210.6	67.5°	2192.5	2266.4	2340.0	5002.3	7664.6	13865.6	20066.5
1898.1	70°	1814.5	1793.6	1772.5	3938.6	6104.8	11966.0	17827.3
1613.0	72.5°	1494.5	1430.8	1367.3	3011.1	4654.9	9906.8	15159.0
1309.6	75°	1176.9	1119.3	1061.7	2185.4	3309.2	7546.3	11783.4
1024.7	77.5°	895.9	856.5	817.4	1480.9	2144.4	5281.7	8419.0
754.4	80°	645.3	629.0	612.8	954.1	1295.6	3402.9	5510.2
524.3	82.5°	444.0	440.7	437.9	586.8	736.2	1969.5	3203.1
320.6	85°	261.8	263.4	264.8	313.7	362.8	885.9	1409.3
137.2	87.5°	113.2	114.6	116.1	130.1	144.1	290.2	436.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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