

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: P532372

Luminaire Tested: **GLAN-SA7D-727-U-SLR-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P532372
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-26)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA7D-727-U-SLR-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 70 CRI, 2700K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 33561 lumens
Efficiency: N/A
Efficacy: 77.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B4 - U0 - G3

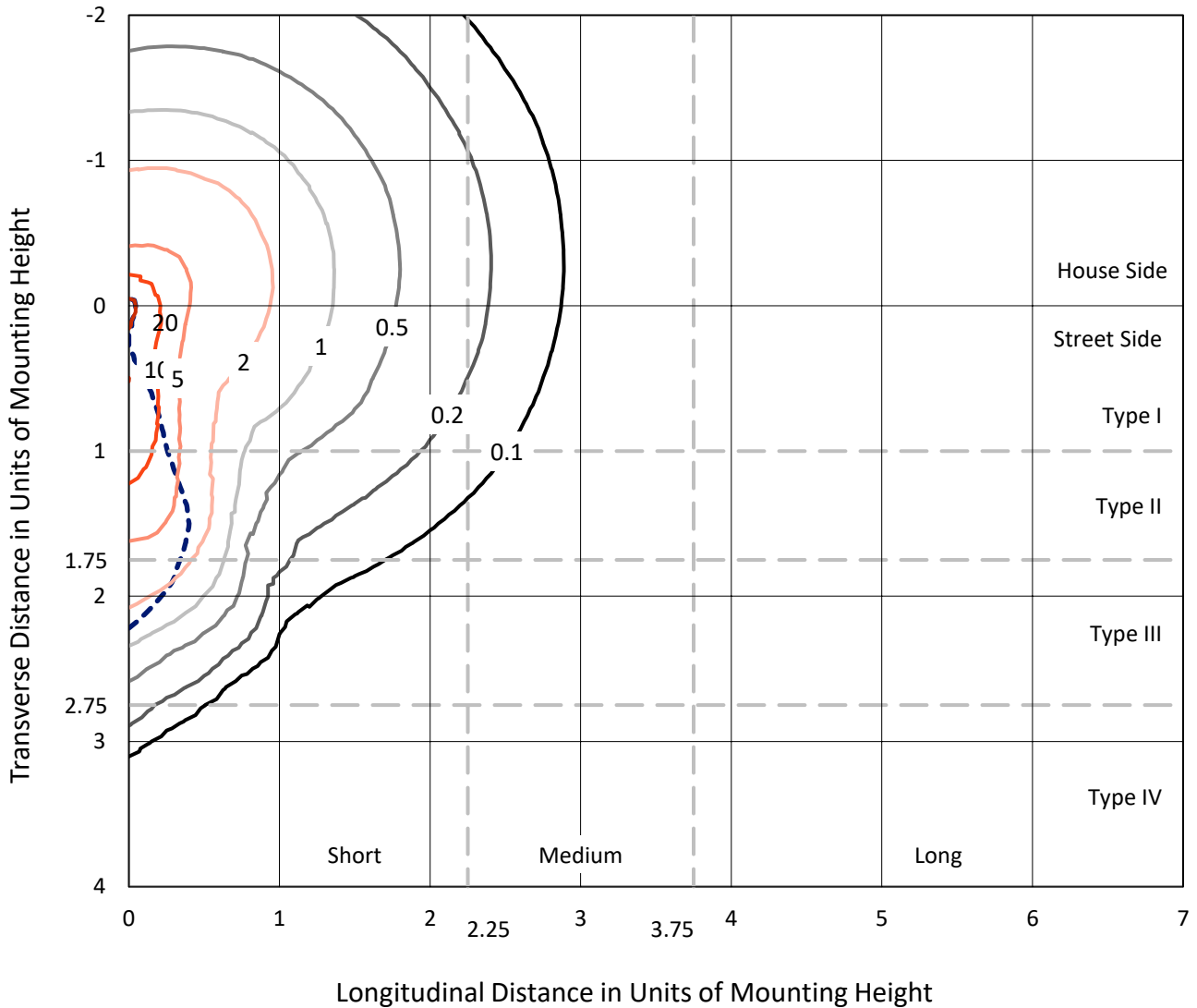
Input Watts (W): 433
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

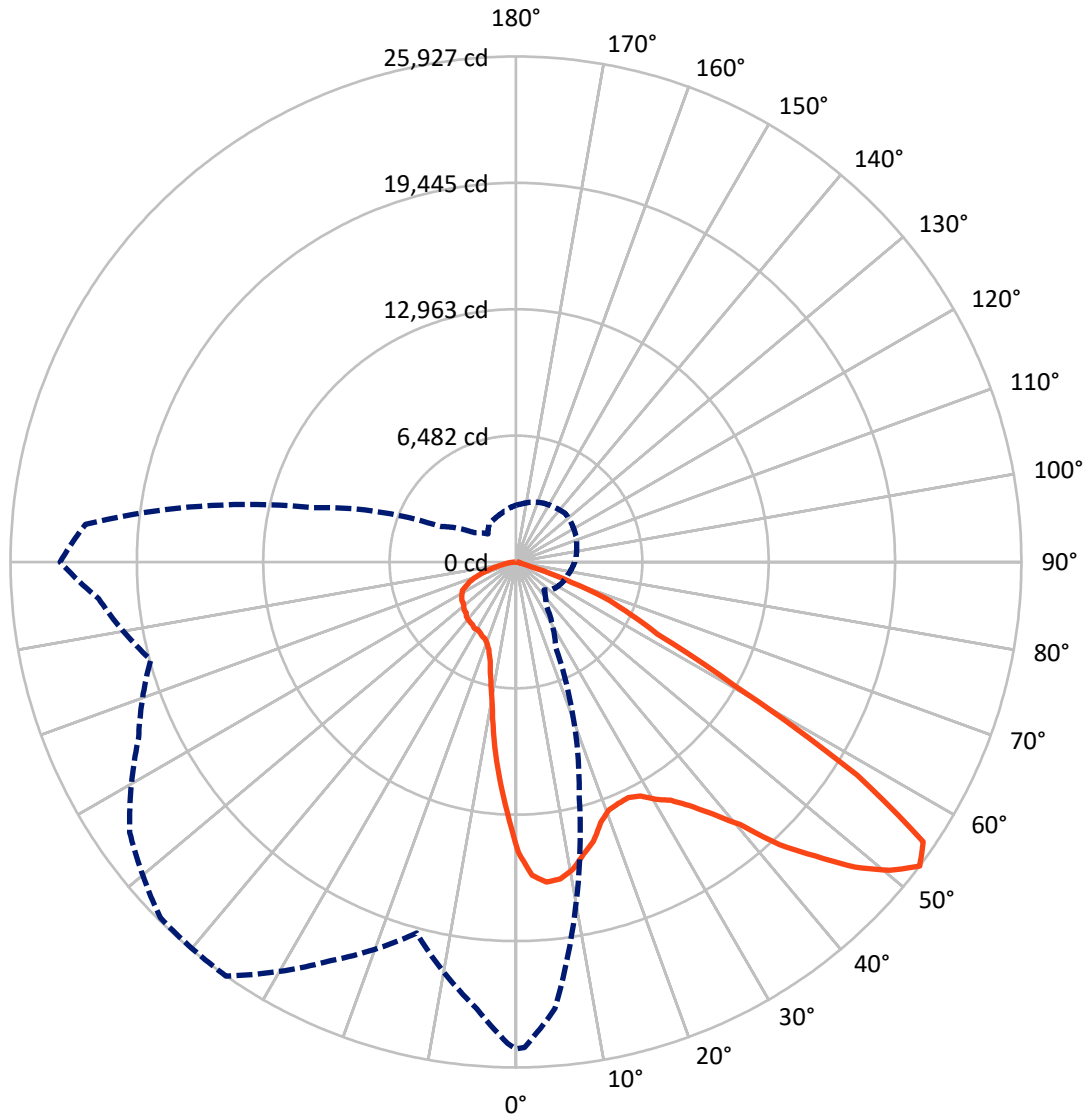
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 23.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 325-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

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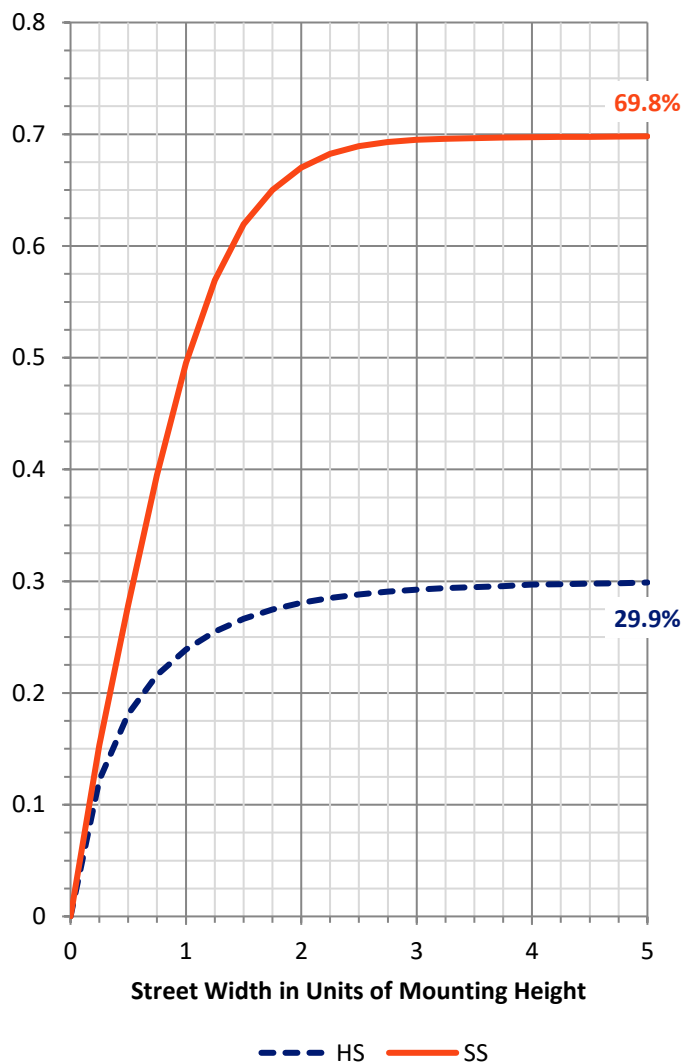
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10117.2	0.0	10117.2
	% Fixture	30.1	0.0	30.1
Street Side	Lumens	23443.8	0.0	23443.8
	% Fixture	69.9	0.0	69.9
Total	Lumens	33561.0	0.0	33561.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1136.3	3.4
10°-20°	2463.4	7.3
20°-30°	3722.0	11.1
30°-40°	5378.4	16.0
40°-50°	7157.7	21.3
50°-60°	8006.1	23.9
60°-70°	4512.2	13.4
70°-80°	1005.8	3.0
80°-90°	179.1	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°	33561.0	100.0
0°-180°	33561.0	100.0

Coefficient of Utilization



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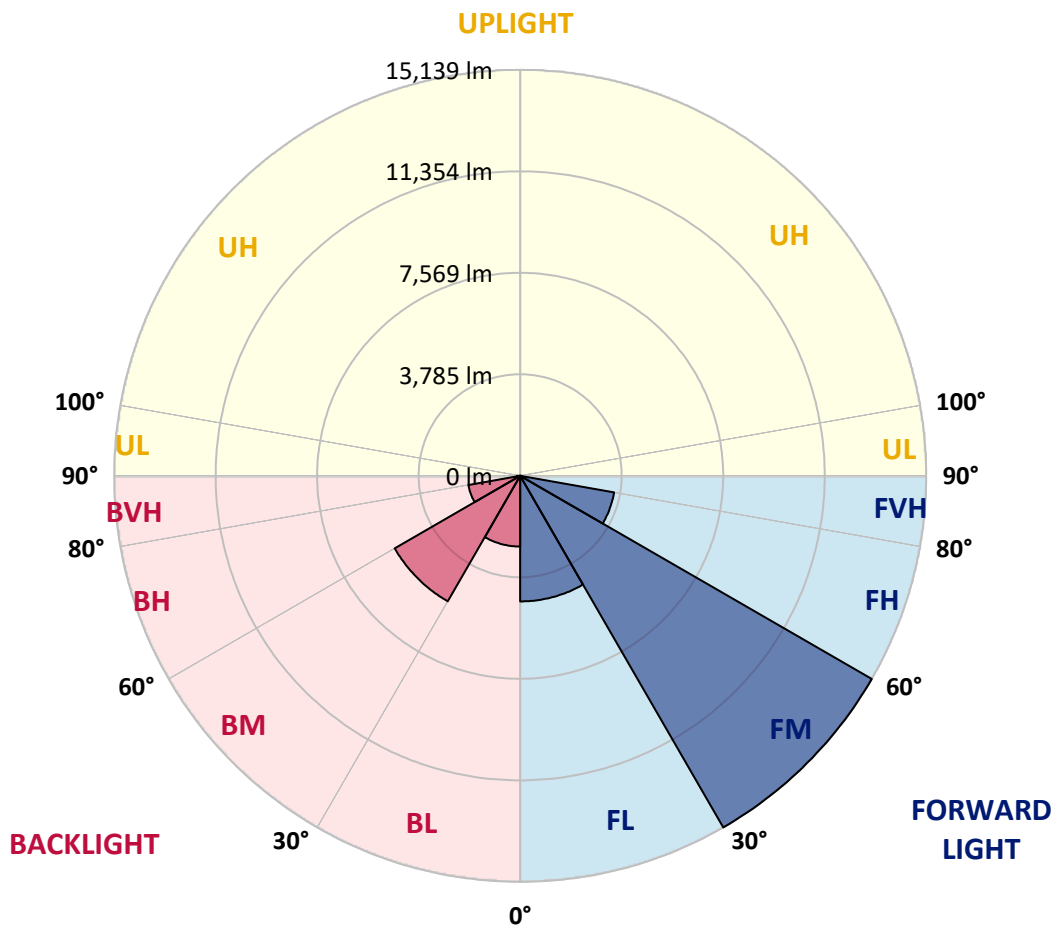
CATALOG NUMBER: GLAN-SA7D-727-U-SLR-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4683.4	14.0			
FM (30°-60°)	15138.6	45.1			
FH (60°-80°)	3557.0	10.6			G2/5000
FVH (80°-90°)	64.9	0.2			G1/100
BL (0°-30°)	2638.3	7.9	B4/5000		
BM (30°-60°)	5403.6	16.1	B4/8500		
BH (60°-80°)	1961.0	5.8	B3/2500		G3/2500
BVH (80°-90°)	114.2	0.3			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6
2.5°	15142.7	15385.9	15123.2	14656.2	14325.5	14023.9	13707.7	13644.4	13231.0	13158.0	12856.4
5°	14281.7	14228.2	13907.1	13294.2	12618.1	12005.2	11552.8	11115.0	10818.3	10472.9	10448.6
7.5°	13235.8	12924.5	12739.7	11810.6	10973.9	10010.8	9597.3	8930.9	8721.7	8410.4	8249.9
10°	12301.9	12073.3	11640.3	10711.3	9543.8	8906.6	8463.9	8104.0	7860.8	7539.7	7136.0
12.5°	11839.8	11747.4	11260.9	9821.1	8955.2	8274.2	7962.9	7612.7	7199.2	6683.6	6484.2
15°	11922.5	11611.2	11241.5	9650.8	8454.2	7797.5	7301.4	6863.6	6333.4	5842.1	5555.1
17.5°	12540.2	12301.9	11562.5	9757.8	8264.5	7316.0	6416.1	5769.1	5292.4	4849.7	4650.3
20°	13756.3	13411.0	12579.2	9894.0	7855.9	6644.7	5613.4	4815.7	4304.9	4071.4	4003.3
22.5°	15103.7	14899.4	13571.5	10200.5	7530.0	6022.0	4762.2	3964.4	3774.7	3711.5	3838.0
25°	16743.0	16212.8	15113.5	10701.5	7277.0	5491.8	4042.3	3599.6	3502.3	3565.6	3711.5
27.5°	17988.3	17847.2	16193.4	11173.4	6931.7	4854.6	3638.5	3346.7	3375.8	3439.1	3575.3
30°	19467.0	18752.0	17239.2	11499.3	6620.4	4416.8	3356.4	3278.6	3307.7	3414.8	3482.9
32.5°	20357.2	20089.7	17895.9	11990.6	6260.4	4037.4	3137.5	3064.5	3108.3	3268.8	3429.4
35°	21490.6	20960.4	18708.2	12117.0	6007.4	3886.6	2981.8	2928.3	3030.5	3142.4	3322.3
37.5°	22813.7	22448.9	19831.9	12029.5	5871.2	3730.9	2850.5	2826.2	2899.1	3054.8	3264.0
40°	23596.9	23485.0	20420.5	12083.0	5657.2	3594.7	2699.7	2728.9	2879.7	3001.3	3205.6
42.5°	24350.8	23621.2	21291.2	12063.5	5521.0	3409.9	2714.3	2680.2	2797.0	2938.1	3132.6
45°	24516.2	23791.4	21495.5	11927.3	5355.6	3229.9	2602.4	2617.0	2758.1	2933.2	3059.7
47.5°	24409.2	23874.1	21874.9	11888.4	5200.0	3103.4	2437.0	2612.1	2694.8	2835.9	3015.9
50°	24336.2	24307.1	22195.9	12073.3	4990.8	2904.0	2237.6	2548.9	2631.6	2772.7	2967.2
52.5°	24978.3	24915.1	22998.6	12559.7	4825.4	2690.0	2033.3	2388.4	2587.8	2724.0	2913.7
55°	25367.5	25090.2	24375.2	13158.0	4548.1	2407.8	1892.2	2188.9	2480.8	2602.4	2797.0
57.5°	22818.6	22628.9	22050.0	12282.4	4081.2	2038.2	1717.1	1984.6	2334.9	2524.6	2724.0
60°	18985.5	18688.8	17205.1	10438.9	3011.0	1585.8	1610.1	1824.1	2296.0	2368.9	2602.4
62.5°	17900.7	17166.2	15147.5	8400.7	2310.6	1362.0	1444.7	1678.2	2091.7	2213.3	2446.8
65°	14203.8	13659.0	10837.7	6065.8	1546.9	1182.0	1318.2	1512.8	1804.7	2043.0	2257.0
67.5°	8892.0	8371.5	5783.7	2870.0	1079.9	1011.8	1177.2	1381.5	1619.8	1833.9	2072.2
70°	4645.4	4076.3	2670.5	1036.1	744.2	826.9	982.6	1177.2	1410.7	1585.8	1770.6
72.5°	1731.7	1405.8	870.7	447.5	515.6	632.4	797.8	938.8	1104.2	1318.2	1420.4
75°	267.5	228.6	223.8	272.4	350.2	457.2	569.1	710.2	856.1	992.3	1060.4
77.5°	126.5	121.6	136.2	180.0	233.5	325.9	413.5	549.7	666.4	754.0	792.9
80°	82.7	77.8	87.6	121.6	175.1	243.2	330.8	423.2	530.2	603.2	593.4
82.5°	48.6	53.5	53.5	82.7	121.6	175.1	238.4	321.0	394.0	457.2	418.3
85°	29.2	24.3	24.3	48.6	82.7	141.1	199.4	136.2	141.1	141.1	160.5
87.5°	9.7	9.7	9.7	4.9	9.7	9.7	14.6	24.3	29.2	34.1	43.8
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°	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6
2.5°	12846.7	12997.5	12944.0	12754.3	12900.2	12924.5	12827.2	13162.9	13226.1	13124.0	13153.1
5°	10414.5	10453.4	10541.0	10725.8	10857.2	11012.8	11012.8	11022.6	10891.2	11222.0	11124.7
7.5°	8113.7	8138.0	8240.2	8634.2	8746.1	9042.8	9169.3	9081.7	8819.0	8707.2	8799.6
10°	7004.6	6863.6	6829.5	6878.2	7131.1	7257.6	7364.6	7335.4	7291.6	7204.1	7106.8
12.5°	6265.3	6163.1	6080.4	5963.7	5978.3	6099.9	6182.6	6114.5	6133.9	6153.4	6182.6
15°	5462.6	5389.7	5345.9	5170.8	5151.3	5234.0	5263.2	5302.1	5375.1	5379.9	5345.9
17.5°	4611.4	4548.1	4645.4	4742.7	4674.6	4679.5	4733.0	4767.0	4747.6	4660.0	4616.2
20°	4027.7	4095.8	4193.1	4285.5	4358.4	4402.2	4421.7	4368.2	4304.9	4125.0	4120.1
22.5°	3857.4	3945.0	4027.7	4168.7	4236.8	4348.7	4246.6	4125.0	4037.4	3949.8	3847.7
25°	3730.9	3803.9	3969.3	4022.8	4154.1	4246.6	4173.6	4052.0	3901.2	3774.7	3696.9
27.5°	3638.5	3721.2	3828.2	3974.2	4076.3	4129.8	4056.9	4008.2	3852.5	3701.8	3589.9
30°	3580.1	3667.7	3862.3	3983.9	4071.4	4115.2	3988.8	3930.4	3818.5	3692.0	3594.7
32.5°	3541.2	3619.1	3784.4	3940.1	3998.5	3998.5	4017.9	3949.8	3794.2	3580.1	3497.5
35°	3414.8	3521.8	3658.0	3838.0	3945.0	4008.2	3910.9	3833.1	3730.9	3512.0	3361.3
37.5°	3341.8	3414.8	3589.9	3760.1	3852.5	3920.6	3881.7	3745.5	3609.3	3429.4	3307.7
40°	3264.0	3380.7	3536.4	3696.9	3799.0	3867.1	3838.0	3677.4	3512.0	3341.8	3259.1
42.5°	3210.5	3288.3	3448.8	3628.8	3750.4	3881.7	3794.2	3594.7	3478.0	3244.5	3152.1
45°	3166.7	3293.2	3463.4	3536.4	3662.8	3799.0	3643.4	3521.8	3385.6	3215.3	3137.5
47.5°	3113.2	3229.9	3341.8	3536.4	3594.7	3658.0	3628.8	3434.2	3317.5	3132.6	3079.1
50°	3093.7	3137.5	3341.8	3448.8	3531.5	3594.7	3516.9	3371.0	3259.1	3069.4	2952.6
52.5°	3015.9	3098.6	3229.9	3371.0	3473.1	3551.0	3424.5	3332.1	3181.3	2981.8	2908.9
55°	2918.6	2967.2	3200.7	3346.7	3400.2	3453.7	3405.0	3254.2	3098.6	2894.3	2821.3
57.5°	2792.1	2904.0	3093.7	3298.0	3366.1	3395.3	3317.5	3195.9	3001.3	2821.3	2704.6
60°	2660.8	2777.5	2986.7	3152.1	3220.2	3327.2	3210.5	3137.5	2913.7	2714.3	2587.8
62.5°	2529.5	2660.8	2816.4	3025.6	3084.0	3127.8	3098.6	2996.4	2816.4	2592.7	2437.0
65°	2373.8	2471.1	2665.7	2772.7	2811.6	2913.7	2811.6	2772.7	2612.1	2398.1	2266.8
67.5°	2140.3	2223.0	2393.3	2495.4	2524.6	2568.4	2563.5	2519.7	2339.7	2193.8	2077.1
70°	1872.8	1945.7	2052.7	2174.4	2188.9	2242.5	2193.8	2184.1	2067.3	1867.9	1804.7
72.5°	1503.1	1571.2	1712.2	1765.8	1770.6	1790.1	1765.8	1731.7	1702.5	1493.3	1430.1
75°	1152.8	1191.8	1259.9	1308.5	1308.5	1332.8	1318.2	1284.2	1206.4	1075.0	1011.8
77.5°	802.6	841.5	929.1	958.3	953.4	963.1	919.4	885.3	768.6	700.5	647.0
80°	583.7	608.0	651.8	671.3	676.1	690.7	637.2	608.0	539.9	462.1	437.8
82.5°	423.2	437.8	442.7	467.0	467.0	442.7	428.1	398.9	350.2	301.6	282.1
85°	175.1	180.0	184.8	214.0	218.9	262.7	243.2	228.6	199.4	170.3	155.7
87.5°	43.8	48.6	63.2	53.5	63.2	63.2	68.1	77.8	77.8	63.2	63.2
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°	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6
2.5°	13265.0	13303.9	13800.1	13863.3	14106.6	14354.6	14855.7	15215.6	15507.5	15697.2	15750.7
5°	11226.9	11475.0	11703.6	12073.3	12408.9	12885.6	13435.3	14116.3	14972.4	15410.2	15585.3
7.5°	8789.8	9081.7	9412.5	9772.4	10263.7	11119.9	11854.4	12642.4	13736.9	14189.3	14875.1
10°	7174.9	7500.8	7938.6	8215.9	8809.3	9626.5	10482.6	11392.3	12438.1	13089.9	13882.8
12.5°	6343.1	6610.6	7014.4	7598.1	8040.7	8570.9	9208.2	10356.2	11854.4	12472.1	13016.9
15°	5423.7	5720.5	6187.4	6834.4	7364.6	7997.0	8712.0	9962.1	11557.6	12511.1	12973.2
17.5°	4664.9	4878.9	5370.2	5929.6	6537.7	7228.4	8254.8	9942.7	11869.0	13089.9	13843.9
20°	4139.5	4168.7	4436.3	4913.0	5739.9	6639.8	7972.6	9845.4	12866.2	14087.1	15040.5
22.5°	3808.8	3779.6	3784.4	4188.2	4767.0	6061.0	7530.0	10176.2	13999.5	15672.9	16315.0
25°	3643.4	3565.6	3516.9	3604.5	4129.8	5375.1	7194.3	10614.0	15220.5	16981.4	17769.4
27.5°	3555.8	3419.6	3322.3	3336.9	3721.2	5029.7	6985.2	10803.7	16431.7	18805.5	19082.8
30°	3521.8	3351.5	3210.5	3161.8	3414.8	4548.1	6537.7	11129.6	17516.5	19807.6	20045.9
32.5°	3400.2	3191.0	3054.8	3011.0	3113.2	4125.0	6216.6	11363.1	18474.7	20897.2	20814.5
35°	3259.1	3084.0	2913.7	2831.0	2904.0	3852.5	5958.8	11251.2	19603.2	21743.6	21699.8
37.5°	3244.5	3015.9	2874.8	2738.6	2733.8	3516.9	5608.6	11358.2	20323.2	23261.2	22662.9
40°	3118.0	2972.1	2787.3	2675.4	2612.1	3346.7	5268.1	11105.3	21378.7	23874.1	23285.5
42.5°	3122.9	2904.0	2743.5	2612.1	2548.9	3098.6	5034.6	11037.2	21748.4	24871.3	23577.4
45°	3045.1	2831.0	2694.8	2539.2	2505.1	2908.9	4810.8	10721.0	22400.2	24920.0	23212.6
47.5°	2967.2	2777.5	2631.6	2446.8	2368.9	2840.8	4635.7	10458.3	22059.7	24462.7	22706.7
50°	2913.7	2694.8	2558.6	2427.3	2208.4	2724.0	4407.1	10395.1	21583.0	23844.9	21767.9
52.5°	2821.3	2626.7	2485.7	2383.5	2033.3	2617.0	4319.5	10764.8	22166.8	23382.8	21495.5
55°	2733.8	2534.3	2354.3	2154.9	1887.4	2334.9	4076.3	11110.1	23018.0	24448.1	22731.0
57.5°	2641.3	2451.6	2257.0	2018.7	1746.3	2043.0	3823.4	11173.4	21422.5	22594.8	21578.2
60°	2519.7	2276.5	2130.6	1819.3	1595.5	1692.8	3030.5	9850.3	16616.6	18868.7	18902.8
62.5°	2383.5	2120.8	1994.4	1629.6	1439.8	1459.3	2471.1	8279.1	13479.1	15619.4	16548.5
65°	2203.5	1950.6	1799.8	1507.9	1328.0	1264.7	1809.5	6065.8	10239.4	12671.6	13727.1
67.5°	1970.1	1731.7	1542.0	1313.4	1186.9	1084.7	1235.5	3414.8	6046.4	8507.7	8828.8
70°	1722.0	1517.7	1318.2	1128.5	987.5	914.5	904.8	1512.8	2889.4	4577.3	5209.7
72.5°	1357.1	1211.2	1050.7	909.6	817.2	710.2	647.0	627.5	977.7	1863.0	2573.2
75°	972.9	851.3	758.8	666.4	598.3	539.9	491.3	447.5	408.6	467.0	642.1
77.5°	612.9	569.1	496.2	471.8	432.9	418.3	398.9	374.6	345.4	325.9	325.9
80°	413.5	384.3	360.0	355.1	340.5	335.6	340.5	316.2	287.0	262.7	272.4
82.5°	277.3	272.4	267.5	262.7	267.5	272.4	282.1	277.3	252.9	238.4	243.2
85°	165.4	175.1	184.8	194.6	214.0	189.7	155.7	131.3	116.7	107.0	102.2
87.5°	63.2	87.6	77.8	73.0	77.8	73.0	68.1	63.2	53.5	48.6	48.6
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: P532372

CATALOG NUMBER: GLAN-SA7D-727-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6	14894.6
2.5°	16105.8	16203.1	16285.8	16266.3	16096.1	15867.4	15775.0	15303.2	15205.9	15142.7
5°	16324.7	16889.0	17010.6	16937.6	16494.9	15935.5	15390.7	14700.0	14296.3	14281.7
7.5°	15921.0	16616.6	16835.4	17000.8	16412.2	15439.4	14505.4	13469.3	13216.4	13235.8
10°	14894.6	16003.6	16543.6	16713.8	16037.7	15196.2	13902.3	12851.6	12311.6	12301.9
12.5°	14325.5	15196.2	15347.0	15585.3	15385.9	14534.6	13552.0	12374.9	11849.5	11839.8
15°	13819.6	14393.6	14437.3	14773.0	14880.0	14306.0	13644.4	12389.4	11966.3	11922.5
17.5°	14262.2	13863.3	13698.0	13741.7	14057.9	14267.1	14179.5	13216.4	12783.5	12540.2
20°	14558.9	13668.8	13167.7	13216.4	13590.9	14354.6	14977.3	14413.0	13727.1	13756.3
22.5°	15351.8	13698.0	12914.8	12861.3	13454.7	14811.9	15877.2	15925.8	15264.3	15103.7
25°	16538.7	14033.6	12837.0	12822.4	13391.5	15303.2	16927.9	17715.9	17039.7	16743.0
27.5°	17492.1	14558.9	13080.2	13128.8	13590.9	15702.1	17822.9	18868.7	18353.1	17988.3
30°	18328.8	15103.7	13420.7	13196.9	14126.0	15911.2	18207.2	20182.1	19768.6	19467.0
32.5°	18674.2	15877.2	13960.6	13590.9	14568.7	16164.2	19004.9	21456.6	21101.5	20357.2
35°	19257.9	16310.1	14252.5	14223.3	15342.1	16772.2	19379.5	22298.1	22152.2	21490.6
37.5°	19724.9	16747.9	15288.6	14967.5	16402.5	17793.7	19982.7	23460.7	23125.0	22813.7
40°	20084.8	17531.0	16256.6	16679.8	17706.2	18722.8	20537.2	23533.6	24501.6	23596.9
42.5°	19754.0	18231.5	17847.2	18859.0	19831.9	19783.2	20600.4	24097.9	24822.7	24350.8
45°	19671.4	19418.4	20362.1	21281.4	21505.2	20663.7	20148.1	23475.3	24725.4	24516.2
47.5°	19471.9	20585.8	22230.0	23728.2	23387.7	21252.3	19608.1	23363.4	24783.8	24409.2
50°	19403.8	20838.8	23611.5	25070.8	24866.5	21763.0	19355.2	22643.5	24370.3	24336.2
52.5°	19398.9	21359.3	24185.4	25800.4	25926.9	22570.5	19700.5	23008.3	24691.3	24978.3
55°	19617.8	21193.9	24112.5	25396.7	25348.0	22210.5	19739.5	23251.5	25085.3	25367.5
57.5°	18503.9	18985.5	19900.0	20916.6	20653.9	18396.9	17628.3	21495.5	23022.9	22818.6
60°	15979.3	14471.4	13440.1	13391.5	12880.7	12175.4	14427.6	19184.9	19184.9	18985.5
62.5°	13994.7	9500.0	8162.3	7782.9	8147.8	8960.1	13916.8	18659.6	18129.4	17900.7
65°	12238.7	7252.7	5900.4	5793.4	6425.8	7651.6	12584.0	15896.6	14962.7	14203.8
67.5°	7875.4	5311.8	4387.6	4197.9	4961.6	5618.3	8376.4	9777.3	9188.7	8892.0
70°	5078.4	3458.5	2441.9	2291.1	2587.8	3463.4	5350.8	5701.0	4844.9	4645.4
72.5°	2403.0	1493.3	856.1	705.3	792.9	1323.1	2116.0	2276.5	1892.2	1731.7
75°	763.7	549.7	350.2	301.6	287.0	340.5	486.4	374.6	272.4	267.5
77.5°	340.5	325.9	277.3	233.5	204.3	170.3	141.1	116.7	121.6	126.5
80°	282.1	257.8	228.6	204.3	170.3	131.3	102.2	77.8	77.8	82.7
82.5°	248.1	223.8	199.4	170.3	145.9	107.0	77.8	53.5	48.6	48.6
85°	107.0	126.5	136.2	145.9	116.7	87.6	53.5	34.1	29.2	29.2
87.5°	43.8	38.9	34.1	29.2	24.3	24.3	19.5	14.6	9.7	9.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)