

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: P649539

Luminaire Tested: **GLAN-SA7D-835-U-SLR-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P649539
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-835-U-SLR-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 80 CRI, 3500K, 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: 31421 lumens
Efficiency: N/A
Efficacy: 72.6 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

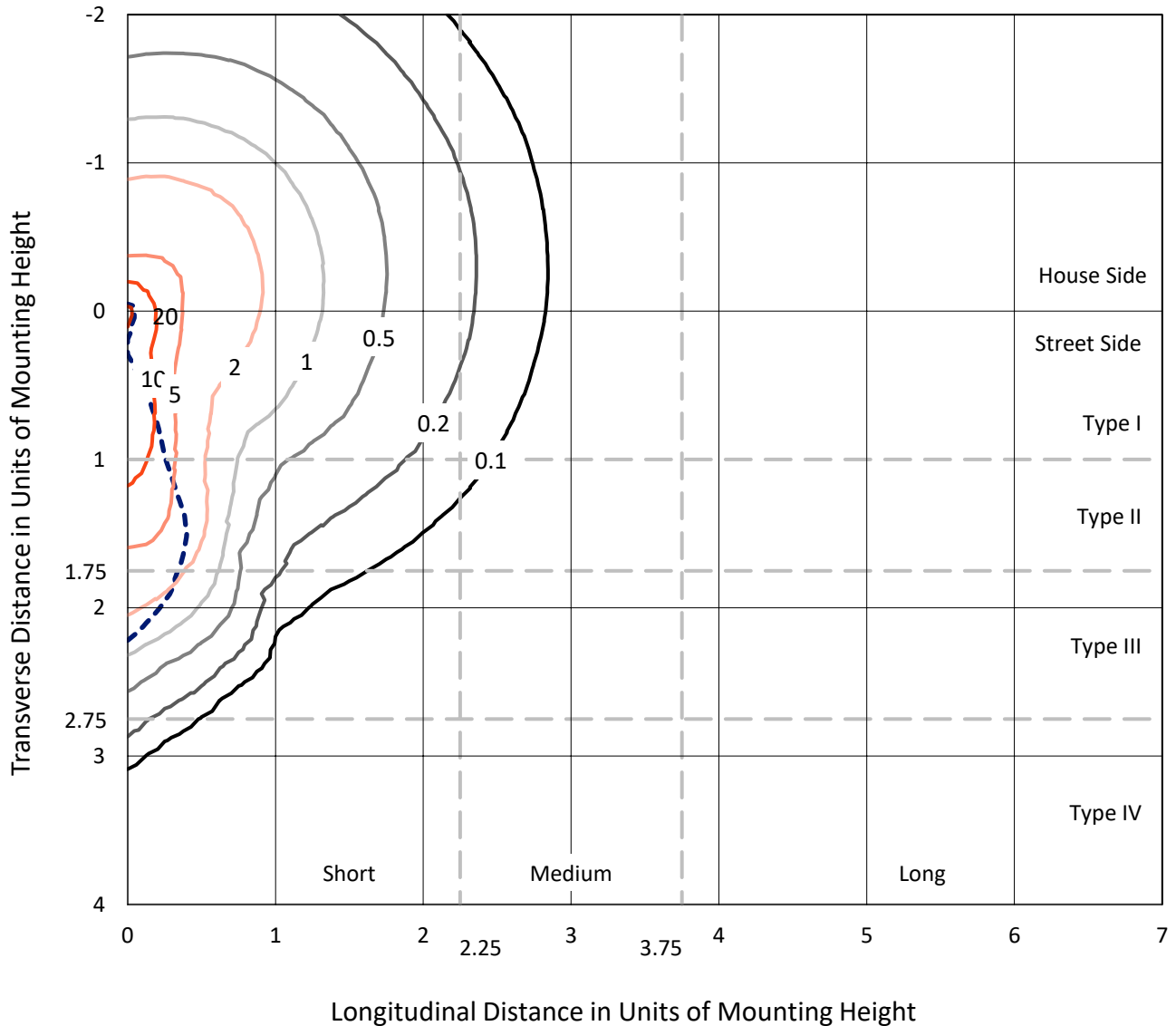




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Iso-Footcandle Lines of Horizontal Illumination

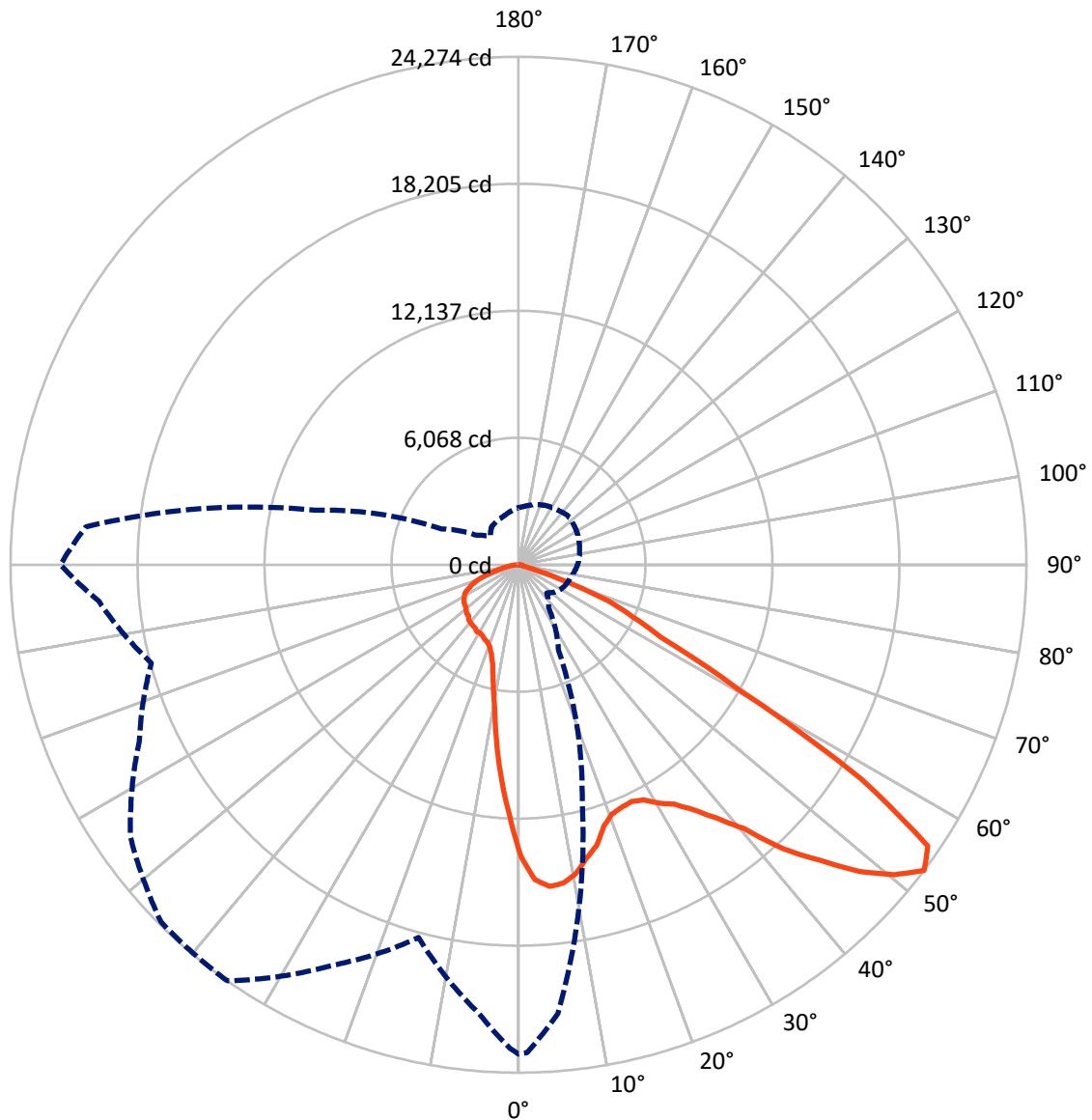
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 22.3 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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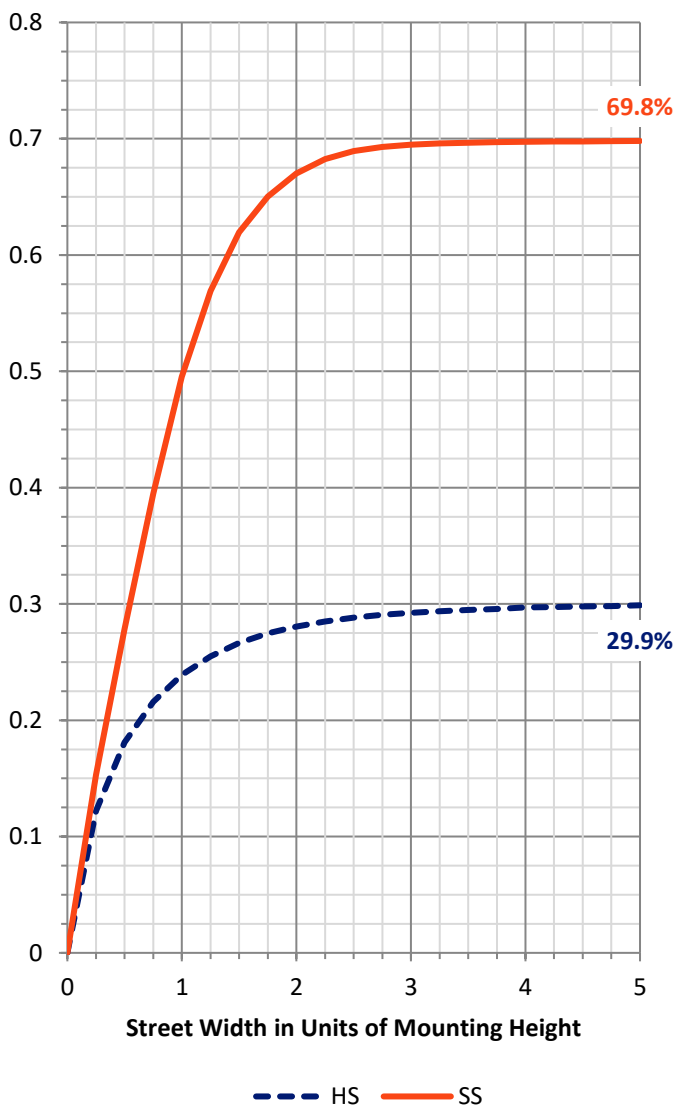
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9472.1	0.0	9472.1
	% Fixture	30.1	0.0	30.1
Street Side	Lumens	21948.9	0.0	21948.9
	% Fixture	69.9	0.0	69.9
Total	Lumens	31421.0	0.0	31421.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1063.9	3.4
10°-20°	2306.3	7.3
20°-30°	3484.6	11.1
30°-40°	5035.5	16.0
40°-50°	6701.3	21.3
50°-60°	7495.6	23.9
60°-70°	4224.5	13.4
70°-80°	941.7	3.0
80°-90°	167.7	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°	31421.0	100.0
0°-180°	31421.0	100.0

Coefficient of Utilization

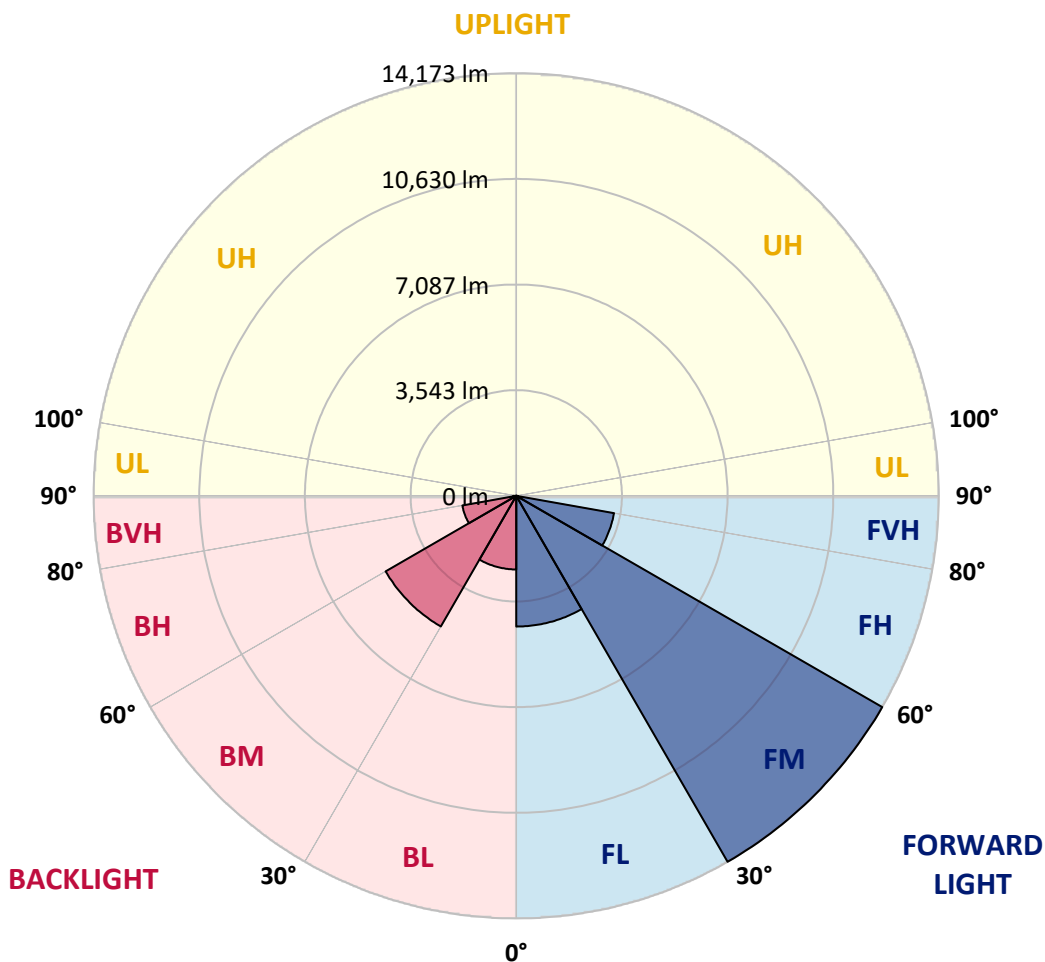


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4384.7	14.0			
FM	(30°-60°)	14173.3	45.1			
FH	(60°-80°)	3330.2	10.6			G2/5000
FVH	(80°-90°)	60.7	0.2			G1/100
BL	(0°-30°)	2470.1	7.9	B3/2500		
BM	(30°-60°)	5059.1	16.1	B4/8500		
BH	(60°-80°)	1836.0	5.8	B3/2500		G3/2500
BVH	(80°-90°)	107.0	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°	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8
2.5°	14177.1	14404.8	14158.9	13721.7	13412.0	13129.7	12833.6	12774.4	12387.3	12319.0	12036.7
5°	13371.0	13320.9	13020.4	12446.5	11813.5	11239.7	10816.1	10406.2	10128.4	9805.1	9782.3
7.5°	12391.8	12100.4	11927.4	11057.5	10274.2	9372.4	8985.4	8361.4	8165.6	7874.2	7723.8
10°	11517.5	11303.4	10898.1	10028.3	8935.3	8338.6	7924.3	7587.2	7359.5	7059.0	6680.9
12.5°	11084.9	10998.3	10542.9	9194.8	8384.2	7746.6	7455.2	7127.3	6740.1	6257.4	6070.7
15°	11162.2	10870.8	10524.7	9035.4	7915.1	7300.3	6835.8	6425.9	5929.5	5469.6	5200.8
17.5°	11740.6	11517.5	10825.2	9135.7	7737.5	6849.4	6006.9	5401.2	4954.9	4540.5	4353.8
20°	12879.2	12555.8	11777.0	9263.1	7355.0	6221.0	5255.5	4508.6	4030.4	3811.8	3748.1
22.5°	14140.7	13949.4	12706.1	9550.1	7049.8	5638.1	4458.6	3711.7	3534.0	3474.8	3593.3
25°	15675.4	15179.0	14149.7	10019.2	6813.0	5141.6	3784.5	3370.1	3279.0	3338.2	3474.8
27.5°	16841.3	16709.2	15160.8	10460.9	6489.7	4545.1	3406.5	3133.3	3160.6	3219.8	3347.3
30°	18225.7	17556.3	16140.0	10766.0	6198.2	4135.2	3142.3	3069.5	3096.8	3197.0	3260.8
32.5°	19059.2	18808.7	16754.8	11226.0	5861.2	3779.9	2937.4	2869.1	2910.1	3060.4	3210.7
35°	20120.3	19623.9	17515.3	11344.4	5624.4	3638.8	2791.7	2741.6	2837.3	2942.0	3110.5
37.5°	21359.0	21017.4	18567.3	11262.4	5496.9	3493.0	2668.7	2646.0	2714.3	2860.0	3055.8
40°	22092.2	21987.5	19118.4	11312.5	5296.5	3365.5	2527.5	2554.9	2696.0	2810.0	3001.2
42.5°	22798.1	22115.0	19933.5	11294.3	5169.0	3192.4	2541.2	2509.4	2618.7	2750.7	2932.9
45°	22952.9	22274.4	20124.8	11166.8	5014.1	3023.9	2436.5	2450.2	2582.2	2746.1	2864.5
47.5°	22852.8	22351.8	20480.1	11130.3	4868.4	2905.6	2281.7	2445.6	2523.0	2655.1	2823.6
50°	22784.4	22757.1	20780.7	11303.4	4672.6	2718.8	2094.9	2386.3	2463.8	2595.9	2778.0
52.5°	23385.6	23326.4	21532.0	11758.9	4517.8	2518.4	1903.6	2236.1	2422.8	2550.3	2728.0
55°	23750.0	23490.4	22820.9	12319.0	4258.1	2254.3	1771.5	2049.3	2322.6	2436.5	2618.7
57.5°	21363.5	21185.9	20644.0	11499.2	3821.0	1908.2	1607.7	1858.1	2186.0	2363.6	2550.3
60°	17774.9	17497.1	16108.0	9773.2	2819.0	1484.6	1507.4	1707.8	2149.6	2217.8	2436.5
62.5°	16759.3	16071.6	14181.6	7865.0	2163.2	1275.2	1352.6	1571.2	1958.3	2072.1	2290.7
65°	13298.2	12788.1	10146.7	5679.0	1448.2	1106.7	1234.2	1416.4	1689.6	1912.7	2113.2
67.5°	8325.0	7837.7	5414.9	2686.9	1011.0	947.3	1102.1	1293.4	1516.5	1716.9	1940.0
70°	4349.3	3816.4	2500.2	970.1	696.8	774.2	919.9	1102.1	1320.7	1484.6	1657.7
72.5°	1621.3	1316.1	815.2	419.0	482.7	592.0	746.9	878.9	1033.8	1234.2	1329.8
75°	250.5	214.1	209.5	255.0	327.9	428.1	532.8	664.9	801.6	929.0	992.8
77.5°	118.4	113.8	127.6	168.5	218.6	305.1	387.1	514.6	623.9	705.9	742.4
80°	77.4	72.9	82.0	113.8	164.0	227.7	309.7	396.2	496.4	564.7	555.6
82.5°	45.6	50.1	50.1	77.4	113.8	164.0	223.2	300.6	368.9	428.1	391.7
85°	27.3	22.8	22.8	45.6	77.4	132.1	186.7	127.6	132.1	132.1	150.3
87.5°	9.1	9.1	9.1	4.5	9.1	9.1	13.6	22.8	27.3	31.9	41.0
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°	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8
2.5°	12027.5	12168.7	12118.6	11941.0	12077.6	12100.4	12009.3	12323.6	12382.8	12287.1	12314.5
5°	9750.5	9786.9	9868.9	10041.9	10164.9	10310.6	10310.6	10319.7	10196.8	10506.5	10415.4
7.5°	7596.4	7619.1	7714.7	8083.6	8188.4	8466.2	8584.6	8502.6	8256.7	8152.0	8238.5
10°	6558.0	6425.9	6394.1	6439.5	6676.4	6794.8	6895.0	6867.7	6826.7	6744.7	6653.6
12.5°	5865.8	5770.1	5692.7	5583.4	5597.0	5710.9	5788.3	5724.6	5742.8	5761.0	5788.3
15°	5114.3	5046.0	5005.0	4841.1	4822.9	4900.2	4927.6	4964.1	5032.3	5036.9	5005.0
17.5°	4317.3	4258.1	4349.3	4440.3	4376.6	4381.1	4431.2	4463.1	4444.9	4362.9	4321.9
20°	3770.8	3834.6	3925.6	4012.2	4080.5	4121.5	4139.7	4089.6	4030.4	3861.9	3857.4
22.5°	3611.4	3693.4	3770.8	3902.9	3966.7	4071.4	3975.8	3861.9	3779.9	3698.0	3602.3
25°	3493.0	3561.3	3716.2	3766.3	3889.2	3975.8	3907.5	3793.6	3652.5	3534.0	3461.2
27.5°	3406.5	3484.0	3584.1	3720.7	3816.4	3866.5	3798.2	3752.6	3606.9	3465.7	3360.9
30°	3351.9	3433.8	3616.0	3729.8	3811.8	3852.8	3734.4	3679.8	3575.0	3456.6	3365.5
32.5°	3315.5	3388.3	3543.2	3688.9	3743.5	3743.5	3761.8	3698.0	3552.2	3351.9	3274.4
35°	3197.0	3297.2	3424.8	3593.3	3693.4	3752.6	3661.5	3588.6	3493.0	3288.1	3147.0
37.5°	3128.7	3197.0	3360.9	3520.4	3606.9	3670.6	3634.2	3506.7	3379.2	3210.7	3096.8
40°	3055.8	3165.1	3310.8	3461.2	3556.8	3620.6	3593.3	3442.9	3288.1	3128.7	3051.3
42.5°	3005.8	3078.6	3228.9	3397.4	3511.3	3634.2	3552.2	3365.5	3256.3	3037.6	2951.1
45°	2964.8	3083.1	3242.6	3310.8	3429.3	3556.8	3411.1	3297.2	3169.7	3010.3	2937.4
47.5°	2914.6	3023.9	3128.7	3310.8	3365.5	3424.8	3397.4	3215.2	3105.9	2932.9	2882.8
50°	2896.5	2937.4	3128.7	3228.9	3306.3	3365.5	3292.7	3156.0	3051.3	2873.7	2764.4
52.5°	2823.6	2901.0	3023.9	3156.0	3251.6	3324.5	3206.2	3119.6	2978.5	2791.7	2723.4
55°	2732.5	2778.0	2996.6	3133.3	3183.4	3233.5	3187.9	3046.7	2901.0	2709.7	2641.5
57.5°	2614.1	2718.8	2896.5	3087.7	3151.5	3178.8	3105.9	2992.1	2810.0	2641.5	2532.1
60°	2491.1	2600.4	2796.2	2951.1	3014.9	3115.0	3005.8	2937.4	2728.0	2541.2	2422.8
62.5°	2368.2	2491.1	2636.8	2832.7	2887.3	2928.3	2901.0	2805.3	2636.8	2427.4	2281.7
65°	2222.5	2313.5	2495.7	2595.9	2632.3	2728.0	2632.3	2595.9	2445.6	2245.2	2122.2
67.5°	2003.9	2081.2	2240.6	2336.3	2363.6	2404.6	2400.1	2359.0	2190.5	2053.9	1944.7
70°	1753.4	1821.6	1921.9	2035.7	2049.3	2099.5	2053.9	2044.8	1935.5	1748.8	1689.6
72.5°	1407.2	1471.0	1603.0	1653.1	1657.7	1675.9	1653.1	1621.3	1594.0	1398.1	1338.9
75°	1079.4	1115.8	1179.5	1225.1	1225.1	1247.9	1234.2	1202.3	1129.4	1006.5	947.3
77.5°	751.4	787.9	869.8	897.2	892.6	901.7	860.8	828.9	719.6	655.8	605.7
80°	546.5	569.2	610.3	628.4	633.1	646.7	596.6	569.2	505.5	432.6	409.9
82.5°	396.2	409.9	414.4	437.2	437.2	414.4	400.7	373.4	327.9	282.3	264.1
85°	164.0	168.5	173.0	200.4	204.9	245.9	227.7	214.1	186.7	159.4	145.7
87.5°	41.0	45.6	59.2	50.1	59.2	59.2	63.7	72.9	72.9	59.2	59.2
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°	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8
2.5°	12419.2	12455.7	12920.1	12979.3	13207.1	13439.3	13908.4	14245.4	14518.7	14696.3	14746.4
5°	10511.0	10743.2	10957.3	11303.4	11617.7	12064.0	12578.6	13216.2	14017.7	14427.6	14591.5
7.5°	8229.3	8502.6	8812.3	9149.3	9609.3	10410.8	11098.5	11836.3	12860.9	13284.5	13926.6
10°	6717.4	7022.5	7432.4	7692.0	8247.6	9012.6	9814.2	10665.9	11645.0	12255.3	12997.6
12.5°	5938.6	6189.1	6567.1	7113.6	7528.0	8024.4	8621.0	9695.8	11098.5	11676.9	12186.9
15°	5077.9	5355.7	5792.9	6398.6	6895.0	7487.0	8156.5	9326.9	10820.7	11713.3	12146.0
17.5°	4367.4	4567.8	5027.8	5551.5	6120.8	6767.5	7728.4	9308.7	11112.2	12255.3	12961.2
20°	3875.6	3902.9	4153.4	4599.7	5373.9	6216.4	7464.3	9217.6	12045.8	13188.9	14081.5
22.5°	3565.9	3538.6	3543.2	3921.1	4463.1	5674.5	7049.8	9527.3	13106.9	14673.5	15274.7
25°	3411.1	3338.2	3292.7	3374.7	3866.5	5032.3	6735.6	9937.2	14250.0	15898.6	16636.3
27.5°	3329.1	3201.6	3110.5	3124.2	3484.0	4709.0	6539.8	10114.8	15383.9	17606.4	17865.9
30°	3297.2	3137.8	3005.8	2960.2	3197.0	4258.1	6120.8	10419.9	16399.5	18544.6	18767.7
32.5°	3183.4	2987.5	2860.0	2819.0	2914.6	3861.9	5820.2	10638.5	17296.7	19564.7	19487.2
35°	3051.3	2887.3	2728.0	2650.5	2718.8	3606.9	5578.9	10533.8	18353.3	20357.1	20316.1
37.5°	3037.6	2823.6	2691.5	2564.0	2559.5	3292.7	5251.0	10634.0	19027.3	21778.0	21217.8
40°	2919.2	2782.6	2609.5	2504.8	2445.6	3133.3	4932.1	10397.1	20015.5	22351.8	21800.8
42.5°	2923.8	2718.8	2568.6	2445.6	2386.3	2901.0	4713.6	10333.4	20361.7	23285.4	22074.0
45°	2850.9	2650.5	2523.0	2377.3	2345.4	2723.4	4504.1	10037.4	20971.9	23331.0	21732.5
47.5°	2778.0	2600.4	2463.8	2290.7	2217.8	2659.6	4340.1	9791.4	20653.1	22902.9	21258.8
50°	2728.0	2523.0	2395.5	2272.5	2067.6	2550.3	4126.1	9732.2	20206.8	22324.5	20379.8
52.5°	2641.5	2459.2	2327.2	2231.6	1903.6	2450.2	4044.1	10078.4	20753.3	21891.8	20124.8
55°	2559.5	2372.7	2204.2	2017.5	1767.0	2186.0	3816.4	10401.7	21550.3	22889.2	21281.5
57.5°	2472.9	2295.3	2113.2	1890.0	1635.0	1912.7	3579.6	10460.9	20056.5	21154.1	20202.3
60°	2359.0	2131.3	1994.7	1703.3	1493.7	1584.9	2837.3	9222.2	15557.0	17665.6	17697.4
62.5°	2231.6	1985.6	1867.2	1525.7	1348.0	1366.3	2313.5	7751.2	12619.6	14623.4	15493.2
65°	2063.0	1826.2	1685.0	1411.8	1243.2	1184.1	1694.2	5679.0	9586.5	11863.5	12851.8
67.5°	1844.4	1621.3	1443.7	1229.6	1111.2	1015.6	1156.7	3197.0	5660.9	7965.2	8265.8
70°	1612.2	1420.9	1234.2	1056.6	924.5	856.2	847.0	1416.4	2705.2	4285.4	4877.5
72.5°	1270.6	1134.0	983.7	851.6	765.1	664.9	605.7	587.5	915.4	1744.2	2409.1
75°	910.9	797.0	710.4	623.9	560.2	505.5	459.9	419.0	382.6	437.2	601.2
77.5°	573.9	532.8	464.6	441.8	405.4	391.7	373.4	350.7	323.4	305.1	305.1
80°	387.1	359.8	337.0	332.5	318.8	314.2	318.8	296.1	268.7	245.9	255.0
82.5°	259.6	255.0	250.5	245.9	250.5	255.0	264.1	259.6	236.8	223.2	227.7
85°	154.9	164.0	173.0	182.2	200.4	177.6	145.7	122.9	109.3	100.2	95.6
87.5°	59.2	82.0	72.9	68.3	72.9	68.3	63.7	59.2	50.1	45.6	45.6
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: P649539

CATALOG NUMBER: GLAN-SA7D-835-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8	13944.8
2.5°	15078.9	15169.9	15247.4	15229.1	15069.7	14855.7	14769.1	14327.4	14236.3	14177.1
5°	15283.8	15812.1	15925.9	15857.6	15443.2	14919.4	14409.4	13762.6	13384.7	13371.0
7.5°	14905.7	15557.0	15761.9	15916.8	15365.7	14454.9	13580.5	12610.4	12373.7	12391.8
10°	13944.8	14983.2	15488.7	15648.1	15015.0	14227.2	13015.8	12032.1	11526.5	11517.5
12.5°	13412.0	14227.2	14368.4	14591.5	14404.8	13607.8	12687.9	11585.8	11093.9	11084.9
15°	12938.4	13475.7	13516.8	13831.0	13931.1	13393.8	12774.4	11599.4	11203.2	11162.2
17.5°	13352.8	12979.3	12824.5	12865.5	13161.5	13357.4	13275.4	12373.7	11968.3	11740.6
20°	13630.6	12797.2	12328.1	12373.7	12724.3	13439.3	14022.3	13494.0	12851.8	12879.2
22.5°	14372.9	12824.5	12091.3	12041.2	12596.8	13867.4	14864.8	14910.4	14290.9	14140.7
25°	15484.1	13138.7	12018.4	12004.8	12537.6	14327.4	15848.5	16586.2	15953.2	15675.4
27.5°	16376.8	13630.6	12246.1	12291.7	12724.3	14700.8	16686.4	17665.6	17182.9	16841.3
30°	17160.1	14140.7	12565.0	12355.4	13225.3	14896.7	17046.2	18895.2	18508.1	18225.7
32.5°	17483.5	14864.8	13070.5	12724.3	13639.7	15133.4	17793.1	20088.4	19756.0	19059.2
35°	18029.9	15270.1	13343.7	13316.3	14363.8	15702.8	18143.8	20876.3	20739.6	20120.3
37.5°	18467.1	15680.0	14313.7	14013.1	15356.6	16659.1	18708.5	21964.7	21650.5	21359.0
40°	18804.1	16413.2	15220.0	15616.2	16577.1	17528.9	19227.7	22033.0	22939.3	22092.2
42.5°	18494.5	17069.0	16709.2	17656.5	18567.3	18521.8	19286.9	22561.3	23239.9	22798.1
45°	18417.0	18180.2	19063.7	19924.5	20133.9	19346.1	18863.3	21978.3	23148.8	22952.9
47.5°	18230.3	19273.2	20812.5	22215.2	21896.4	19897.1	18357.8	21873.7	23203.4	22852.8
50°	18166.5	19510.0	22105.9	23472.1	23280.9	20375.3	18121.0	21199.6	22816.3	22784.4
52.5°	18162.0	19997.4	22643.3	24155.2	24273.7	21131.3	18444.3	21541.2	23116.9	23385.6
55°	18366.9	19842.5	22575.0	23777.3	23731.7	20794.3	18480.8	21768.9	23485.8	23750.0
57.5°	17324.0	17774.9	18631.1	19582.9	19337.0	17223.8	16504.3	20124.8	21554.8	21363.5
60°	14960.4	13548.6	12583.1	12537.6	12059.5	11399.1	13507.6	17961.6	17961.6	17774.9
62.5°	13102.3	8894.3	7641.8	7286.7	7628.2	8388.7	13029.4	17469.7	16973.3	16759.3
65°	11458.3	6790.3	5524.2	5424.0	6016.0	7163.7	11781.6	14883.0	14008.6	13298.2
67.5°	7373.2	4973.1	4107.9	3930.3	4645.2	5260.0	7842.3	9153.9	8602.8	8325.0
70°	4754.5	3238.0	2286.2	2145.0	2422.8	3242.6	5009.6	5337.5	4535.9	4349.3
72.5°	2249.7	1398.1	801.6	660.4	742.4	1238.7	1981.1	2131.3	1771.5	1621.3
75°	715.0	514.6	327.9	282.3	268.7	318.8	455.4	350.7	255.0	250.5
77.5°	318.8	305.1	259.6	218.6	191.3	159.4	132.1	109.3	113.8	118.4
80°	264.1	241.4	214.1	191.3	159.4	122.9	95.6	72.9	72.9	77.4
82.5°	232.2	209.5	186.7	159.4	136.6	100.2	72.9	50.1	45.6	45.6
85°	100.2	118.4	127.6	136.6	109.3	82.0	50.1	31.9	27.3	27.3
87.5°	41.0	36.4	31.9	27.3	22.8	22.8	18.2	13.6	9.1	9.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)