

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: P532188

Luminaire Tested: **GLAN-SA7C-735-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P532188
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-SA7C-735-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 70 CRI, 3500K, 1050mA 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: 33973 lumens
Efficiency: N/A
Efficacy: 90.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B4 - U0 - G3

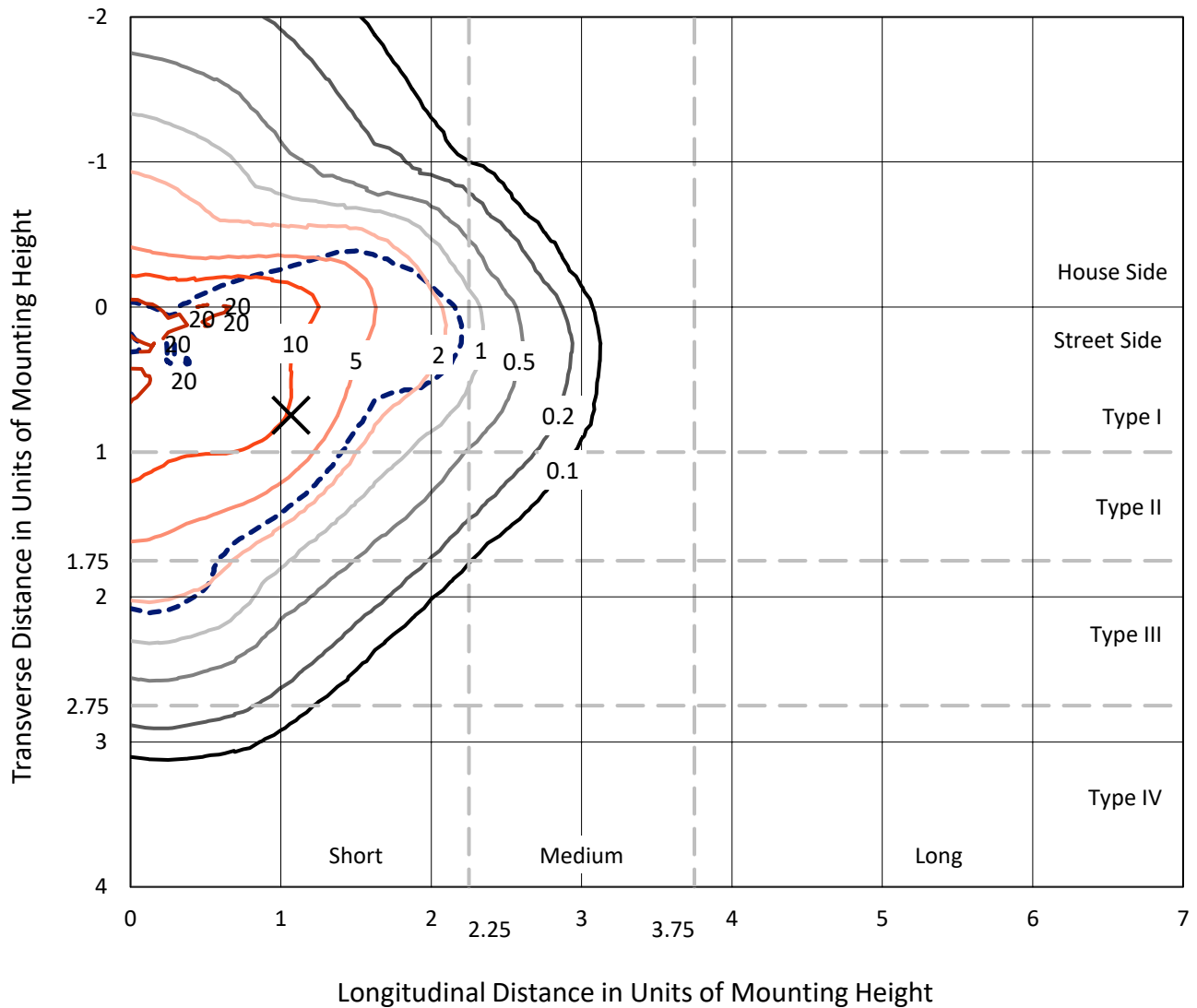
Input Watts (W): 377
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

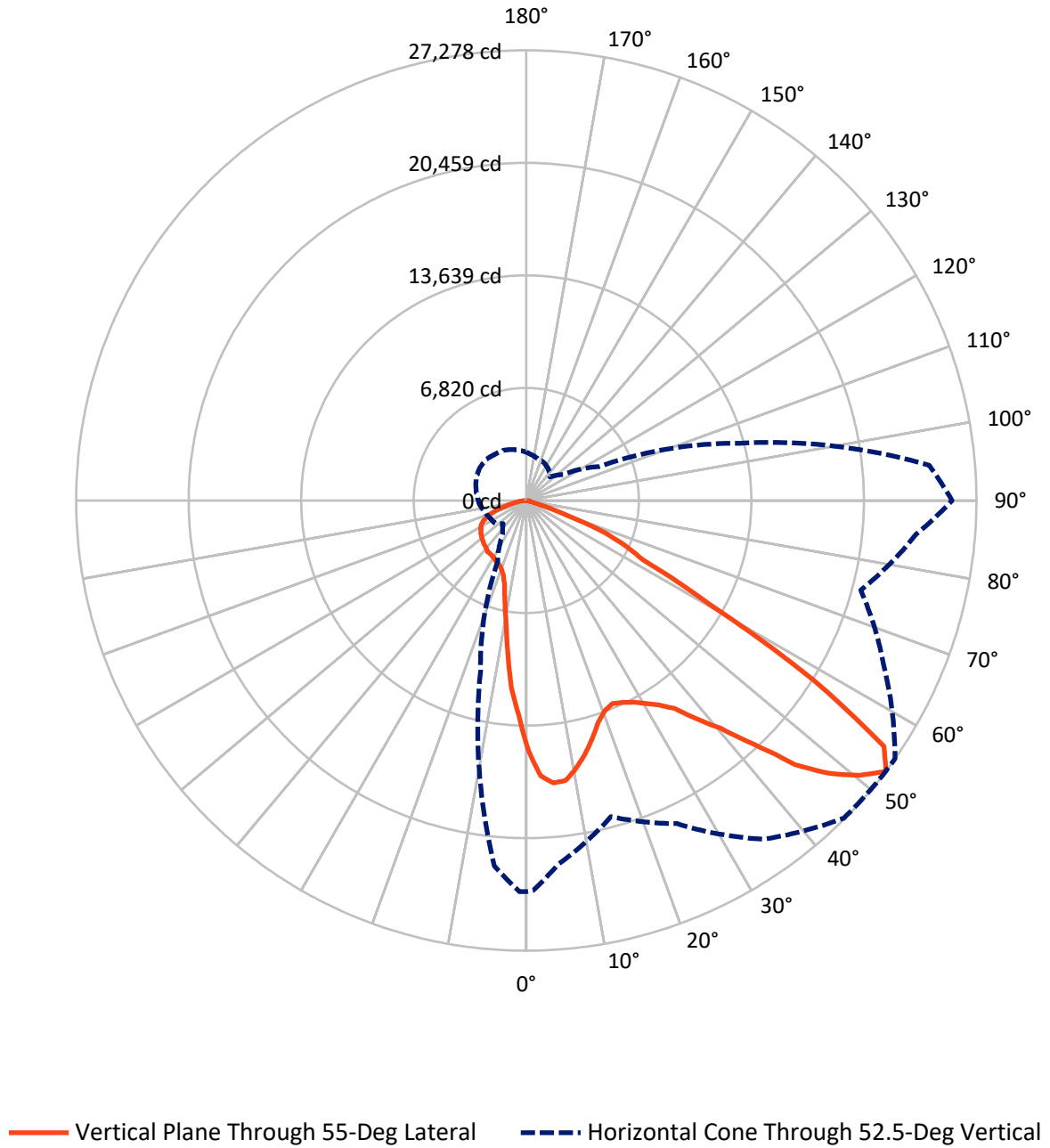
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 25.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot





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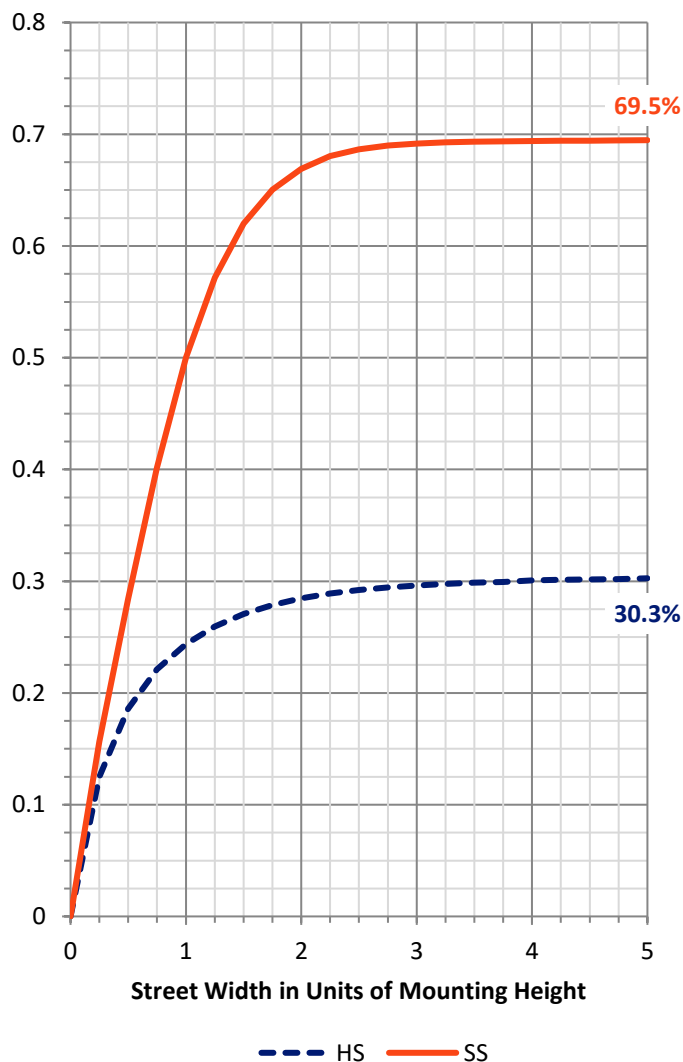
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10363.6	0.0	10363.6
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	23609.4	0.0	23609.4
	% Fixture	69.5	0.0	69.5
Total	Lumens	33973.0	0.0	33973.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1157.8	3.4
10°-20°	2496.3	7.3
20°-30°	3785.2	11.1
30°-40°	5469.1	16.1
40°-50°	7308.2	21.5
50°-60°	8157.6	24.0
60°-70°	4474.8	13.2
70°-80°	967.4	2.8
80°-90°	156.5	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°	33973.0	100.0
0°-180°	33973.0	100.0

Coefficient of Utilization



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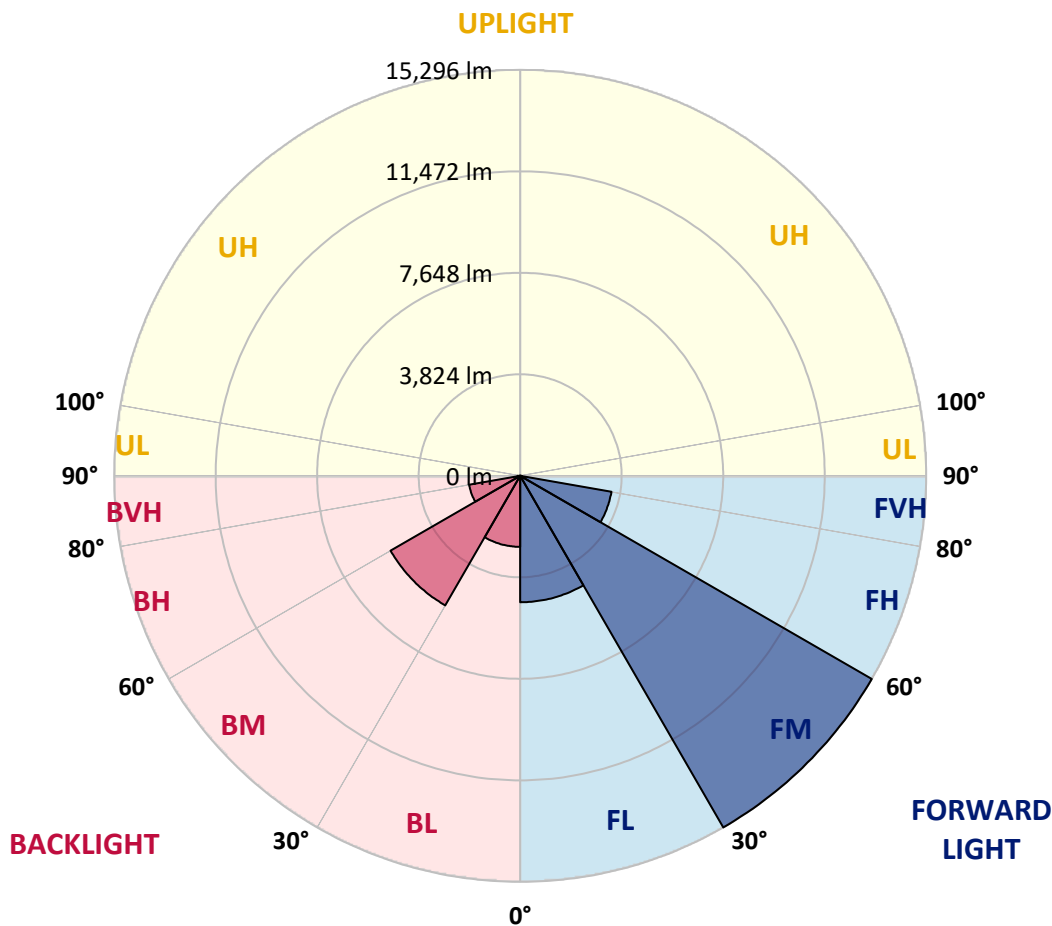
CATALOG NUMBER: GLAN-SA7C-735-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4763.6	14.0			
FM (30°-60°)	15296.2	45.0			
FH (60°-80°)	3491.6	10.3			G2/5000
FVH (80°-90°)	57.9	0.2			G1/100
BL (0°-30°)	2675.7	7.9	B4/5000		
BM (30°-60°)	5638.6	16.6	B4/8500		
BH (60°-80°)	1950.7	5.7	B3/2500		G3/2500
BVH (80°-90°)	98.6	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G3

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6
2.5°	15903.6	15814.3	15893.7	16270.7	16489.0	16637.8	16732.1	16717.2	16360.0	16012.8	16012.8
5°	15437.3	15323.2	15486.9	16340.2	17198.3	17272.8	17396.8	17193.4	16667.6	16032.6	15238.9
7.5°	14088.1	14172.4	14445.2	15566.3	16682.4	17243.0	17391.8	17133.9	16280.6	15095.1	13929.3
10°	12922.3	13120.7	13750.7	14961.1	15988.0	16717.2	16880.9	16518.7	15844.1	14390.7	13348.9
12.5°	12520.5	12396.5	13095.9	14306.3	15288.5	15680.4	15754.8	15779.6	15323.2	14033.5	12763.6
15°	12470.9	12550.3	13095.9	14013.7	14618.8	14638.7	14762.7	14956.2	15015.7	14276.6	13036.4
17.5°	13185.2	13091.0	13651.5	14380.7	14093.0	13805.3	13835.1	14112.9	14604.0	14484.9	13894.6
20°	14241.8	14455.1	14896.6	14822.2	14048.4	13319.2	13324.1	13587.0	14554.4	15348.0	15090.1
22.5°	15997.9	16206.2	16533.6	15635.8	14048.4	13175.3	13006.7	13363.8	14871.8	16374.9	16439.4
25°	17600.2	17982.1	18071.4	17014.8	14752.8	13309.2	13200.1	13552.3	15189.3	17376.9	17987.1
27.5°	19058.6	19197.5	19589.3	17902.7	15144.7	13398.5	13388.6	13840.0	15591.1	17877.9	19371.1
30°	20209.4	20194.5	20417.8	18463.3	15769.7	13899.6	13418.4	14271.6	16116.9	18706.4	20650.9
32.5°	20993.2	21161.9	21633.1	19242.1	16032.6	14375.8	13998.8	14777.6	16756.9	19098.3	21553.7
35°	22372.2	22664.9	22069.6	19673.7	16866.0	14847.0	14405.5	15467.1	17074.3	19524.9	22660.0
37.5°	23671.9	23448.7	22843.5	19906.8	17406.7	15720.1	15308.4	16801.5	18061.5	20452.5	23394.1
40°	24505.3	24500.3	23423.9	20095.3	17788.7	17054.5	17029.7	18155.7	19271.9	21037.8	24217.6
42.5°	24867.4	25214.7	23662.0	20075.5	18592.3	18671.6	19172.7	20179.7	20130.1	21156.9	24197.7
44°	25363.5	25571.8	24073.7	20120.1	19128.0	19763.0	20943.6	21583.5	20879.1	21092.4	24172.9
45°	25343.6	25358.5	23488.4	20179.7	19584.4	20675.7	21732.3	22813.7	21538.9	20953.5	24500.3
47.5°	24763.2	24594.6	22992.3	19738.2	21008.1	23086.6	24063.8	24718.6	22352.4	20655.9	24093.6
50°	23617.3	23423.9	21786.9	19549.7	21305.7	24584.7	25933.9	26172.0	23091.5	20363.2	23691.8
52.5°	23696.7	23642.1	22129.2	19832.4	21603.3	25055.9	27218.7	27278.3	23929.9	20978.3	23696.7
55°	25115.4	24926.9	23111.4	20184.6	21385.1	24505.3	26400.2	26296.1	23647.1	20606.3	24133.2
57.5°	22982.4	23106.4	21752.2	18790.7	18716.3	19921.7	20755.1	20497.1	19733.2	18597.2	22451.6
60°	18542.7	18894.9	19023.8	15715.1	14122.8	13502.7	13254.7	12798.3	12927.3	15278.6	19723.3
62.5°	15903.6	15883.8	16692.4	14246.8	9251.5	7956.8	7837.7	7941.9	9430.1	15040.5	19316.5
65°	12609.8	12947.1	13195.2	12074.1	7321.8	5908.1	5903.1	6562.9	8160.2	12570.1	15596.1
67.5°	8006.4	8447.9	8755.4	7723.6	4896.1	4206.6	4092.5	4886.2	5655.1	8244.5	9390.4
70°	4514.1	4722.5	4861.4	4454.6	3115.2	2182.7	2053.7	2242.2	3417.8	5337.6	5565.8
72.5°	1741.2	1835.4	2023.9	2038.8	1175.7	704.4	570.5	684.6	1438.6	2113.2	2014.0
75°	267.9	287.7	406.8	486.1	337.3	258.0	272.8	282.8	401.8	545.7	456.4
77.5°	129.0	129.0	124.0	143.9	168.7	183.5	198.4	218.3	238.1	262.9	253.0
80°	84.3	84.3	84.3	99.2	124.0	148.8	168.7	178.6	188.5	208.3	198.4
82.5°	54.6	54.6	54.6	74.4	99.2	124.0	133.9	158.7	178.6	208.3	193.5
85°	29.8	29.8	29.8	49.6	74.4	104.2	99.2	79.4	44.6	5.0	9.9
87.5°	9.9	9.9	9.9	9.9	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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6
2.5°	15596.1	15367.9	15348.0	14881.8	14465.1	14261.7	14098.0	13641.6	13740.8	13477.9	13472.9
5°	14842.1	14375.8	13621.8	13001.7	12381.6	12257.6	11716.9	11245.6	11260.5	10923.2	10982.7
7.5°	13487.8	13165.4	12247.7	11275.4	10452.0	9866.6	9355.7	9048.1	8656.2	8522.3	8452.8
10°	12629.6	12232.8	11201.0	9980.7	9058.0	8745.5	8254.4	7981.6	7579.8	7381.3	7242.5
12.5°	12252.6	11672.3	10382.5	9142.4	8527.2	8204.8	7788.1	7292.1	6815.8	6632.3	6379.3
15°	12292.3	11597.8	10144.4	8805.0	8065.9	7440.9	7068.8	6518.2	6032.1	5709.6	5526.1
17.5°	12892.6	12049.3	10253.5	8547.1	7485.5	6701.7	5972.5	5377.3	4990.3	4747.3	4687.8
20°	14311.3	13165.4	10437.1	8130.4	6905.1	5927.9	5030.0	4410.0	4112.3	4107.4	4112.3
22.5°	15491.9	14355.9	10809.1	7882.4	6324.7	4935.8	4042.9	3844.5	3784.9	3908.9	3923.8
25°	17084.3	15695.3	11449.0	7753.4	5789.0	4206.6	3656.0	3581.5	3576.6	3735.3	3740.3
27.5°	18716.3	16866.0	11831.0	7376.4	5243.3	3829.6	3422.8	3407.9	3487.3	3656.0	3641.1
30°	19827.5	17848.2	12520.5	6925.0	4598.5	3497.2	3328.6	3348.4	3457.5	3586.5	3606.3
32.5°	21122.2	18815.5	12699.1	6676.9	4201.6	3219.4	3100.4	3145.0	3283.9	3487.3	3596.4
35°	22605.4	19500.1	12971.9	6339.6	4052.8	3006.1	2946.6	2996.2	3164.9	3298.8	3417.8
37.5°	23701.7	20710.4	13021.5	6076.7	3889.1	2887.1	2792.8	2956.5	3055.7	3244.2	3303.7
40°	24515.2	21588.5	13150.5	5913.0	3760.1	2733.3	2733.3	2842.4	2976.4	3150.0	3269.0
42.5°	25036.1	22228.4	13244.8	5764.2	3512.1	2688.6	2663.8	2773.0	2951.5	3120.2	3174.8
44°	25353.5	22501.2	13150.5	5625.3	3442.6	2634.1	2634.1	2728.3	2867.2	3065.6	3130.1
45°	25432.9	22843.5	12942.2	5620.3	3358.3	2569.6	2559.7	2738.2	2832.5	3075.6	3115.2
47.5°	25740.5	23265.1	12967.0	5461.6	3154.9	2415.8	2589.4	2668.8	2753.1	2966.4	3100.4
50°	25730.6	23528.1	12912.4	5228.5	3006.1	2242.2	2529.9	2619.2	2703.5	2921.8	2976.4
52.5°	25800.0	24510.2	13413.4	4856.4	2738.2	2019.0	2331.5	2529.9	2634.1	2817.6	2931.7
55°	25765.3	25070.8	13909.5	4578.6	2361.2	1885.0	2162.8	2396.0	2544.8	2738.2	2792.8
57.5°	23533.0	22158.9	12872.7	4057.8	1954.5	1726.3	1924.7	2257.1	2445.6	2644.0	2713.4
60°	19227.2	17079.3	10615.7	2986.3	1607.2	1587.4	1790.8	2212.4	2291.8	2465.4	2584.5
62.5°	17768.8	14981.0	8418.1	2281.9	1374.1	1453.5	1651.9	1999.1	2123.1	2336.4	2445.6
65°	13904.5	9950.9	5213.6	1542.7	1210.4	1304.6	1493.1	1751.1	1954.5	2152.9	2281.9
67.5°	8234.6	5436.8	2579.5	1081.4	1056.6	1155.8	1349.3	1542.7	1775.9	1994.2	2058.6
70°	4484.4	2673.8	1101.2	823.5	897.9	987.2	1175.7	1309.6	1532.8	1701.5	1810.6
72.5°	1438.6	813.5	550.6	610.2	684.6	788.7	902.8	1066.5	1225.3	1324.5	1413.8
75°	347.2	342.3	391.9	426.6	496.1	575.4	669.7	754.0	878.0	972.3	1051.6
77.5°	243.1	262.9	302.6	352.2	377.0	406.8	466.3	530.8	585.3	654.8	704.4
80°	188.5	203.4	233.1	258.0	282.8	307.6	337.3	362.1	396.8	441.5	466.3
82.5°	178.6	188.5	218.3	233.1	223.2	218.3	238.1	248.0	253.0	267.9	282.8
85°	14.9	0.0	9.9	34.7	84.3	124.0	133.9	133.9	129.0	138.9	138.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	19.8	14.9
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°	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6
2.5°	13413.4	13244.8	13309.2	13388.6	13274.5	13011.6	13081.1	13051.3	13319.2	13299.3	13567.2
5°	11245.6	10982.7	11012.5	11399.4	11275.4	11409.3	11141.5	11106.7	11156.4	11181.2	11225.8
7.5°	8606.6	8571.9	8869.5	9196.9	9350.7	9192.0	8929.1	8869.5	8815.0	8705.8	8953.9
10°	7024.2	7034.1	7014.3	7262.3	7435.9	7401.2	7242.5	7222.6	7118.4	7078.8	7217.7
12.5°	6270.2	6136.2	6071.8	5992.4	6126.3	6215.6	6146.2	6096.6	6101.5	6151.1	6171.0
15°	5541.0	5456.6	5317.7	5228.5	5292.9	5248.3	5223.5	5322.7	5297.9	5288.0	5407.0
17.5°	4722.5	4791.9	4782.0	4682.8	4767.1	4732.4	4727.4	4658.0	4563.7	4494.3	4534.0
20°	4181.8	4310.7	4410.0	4414.9	4459.6	4454.6	4380.2	4166.9	4097.4	4082.6	4092.5
22.5°	3988.3	4057.8	4176.8	4345.5	4345.5	4266.1	4176.8	3928.8	3864.3	3794.8	3765.1
25°	3834.5	3968.5	4122.2	4142.1	4221.5	4147.0	4003.2	3879.2	3745.2	3651.0	3651.0
27.5°	3755.2	3904.0	4018.1	4052.8	4161.9	4102.4	3953.6	3794.8	3636.1	3631.1	3546.8
30°	3720.4	3859.3	3933.7	4018.1	4067.7	3973.4	3928.8	3760.1	3601.4	3561.7	3422.8
32.5°	3616.3	3814.7	3953.6	3933.7	3973.4	3933.7	3869.3	3730.4	3551.8	3462.5	3447.6
35°	3497.2	3695.6	3844.5	3948.6	3973.4	3889.1	3849.4	3660.9	3417.8	3373.2	3219.4
37.5°	3432.7	3551.8	3735.3	3904.0	3938.7	3894.1	3760.1	3566.7	3323.6	3274.0	3140.1
40°	3353.4	3507.1	3651.0	3789.9	3894.1	3784.9	3631.1	3442.6	3333.5	3184.7	3145.0
42.5°	3293.8	3467.4	3586.5	3740.3	3859.3	3715.5	3536.9	3407.9	3254.1	3154.9	3040.8
44°	3274.0	3432.7	3512.1	3700.6	3799.8	3690.7	3541.9	3407.9	3229.3	3140.1	3040.8
45°	3204.5	3422.8	3507.1	3675.8	3760.1	3670.8	3482.3	3348.4	3219.4	3110.3	3006.1
47.5°	3135.1	3283.9	3427.8	3561.7	3621.2	3591.5	3432.7	3269.0	3115.2	3050.8	2951.5
50°	3115.2	3264.1	3398.0	3522.0	3591.5	3531.9	3388.1	3229.3	3050.8	2946.6	2862.3
52.5°	3016.0	3199.6	3348.4	3388.1	3477.4	3442.6	3333.5	3159.9	2991.2	2901.9	2832.5
55°	2872.2	3065.6	3269.0	3318.6	3447.6	3393.0	3229.3	3065.6	2921.8	2787.8	2698.6
57.5°	2817.6	3006.1	3204.5	3269.0	3348.4	3259.1	3219.4	3045.8	2817.6	2748.2	2609.3
60°	2678.7	2916.8	3080.5	3229.3	3234.3	3209.5	3140.1	2941.6	2753.1	2624.1	2524.9
62.5°	2569.6	2792.8	2921.8	3060.7	3145.0	3075.6	3006.1	2822.6	2619.2	2475.3	2361.2
65°	2410.8	2614.2	2723.4	2807.7	2901.9	2892.0	2773.0	2639.0	2425.7	2311.6	2202.5
67.5°	2167.8	2346.4	2495.2	2574.5	2634.1	2619.2	2529.9	2435.6	2217.4	2103.3	2023.9
70°	1875.1	2058.6	2152.9	2197.5	2257.1	2286.8	2217.4	2172.7	1979.3	1830.5	1756.0
72.5°	1508.0	1627.1	1766.0	1805.7	1830.5	1850.3	1850.3	1810.6	1612.2	1552.7	1423.7
75°	1111.2	1205.4	1309.6	1309.6	1354.2	1359.2	1369.1	1344.3	1195.5	1116.1	1086.4
77.5°	754.0	823.5	907.8	942.5	972.3	967.3	962.4	892.9	813.5	778.8	749.0
80°	491.1	560.5	600.2	644.9	674.6	669.7	679.6	630.0	595.3	535.7	545.7
82.5°	292.7	347.2	386.9	441.5	441.5	456.4	456.4	441.5	406.8	377.0	377.0
85°	138.9	183.5	208.3	243.1	262.9	267.9	238.1	203.4	168.7	153.8	168.7
87.5°	24.8	34.7	49.6	44.6	54.6	49.6	49.6	49.6	49.6	39.7	44.6
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: P532188

CATALOG NUMBER: GLAN-SA7C-735-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6	15154.6
2.5°	13468.0	13716.0	13889.6	14177.4	14673.4	15070.3	15477.0	15779.6	15814.3	15903.6
5°	11389.5	11523.4	11964.9	12540.4	12947.1	13616.8	14048.4	14832.1	15124.8	15437.3
7.5°	8894.3	9112.6	9702.9	10089.8	10982.7	11821.1	12689.2	13656.5	14043.4	14088.1
10°	7500.4	7817.9	8219.7	8839.8	9325.9	10258.5	11339.9	12416.3	12847.9	12922.3
12.5°	6587.7	6994.4	7530.2	7976.6	8442.9	9256.5	10293.2	11622.6	12183.2	12520.5
15°	5709.6	6131.3	6721.6	7341.7	7753.4	8725.7	9946.0	11444.1	12173.3	12470.9
17.5°	4806.8	5198.7	5684.8	6354.5	7182.9	8274.3	9891.4	12039.3	12838.0	13185.2
20°	4033.0	4251.2	4816.7	5506.2	6543.0	7812.9	9911.2	12917.4	14088.1	14241.8
22.5°	3730.4	3780.0	4003.2	4638.1	5774.1	7341.7	10263.4	14162.5	15491.9	15997.9
25°	3497.2	3487.3	3546.8	3973.4	5213.6	7158.1	10610.7	15308.4	17049.5	17600.2
27.5°	3368.2	3269.0	3274.0	3675.8	4816.7	6860.5	11057.1	16622.9	18815.5	19058.6
30°	3303.7	3283.9	3224.4	3388.1	4385.2	6414.0	11131.6	17917.6	19857.2	20209.4
32.5°	3264.1	3070.6	2996.2	3055.7	3978.4	5927.9	11409.3	18770.9	21147.0	20993.2
35°	3065.6	2892.0	2842.4	2901.9	3690.7	5655.1	11225.8	19514.9	22114.3	22372.2
37.5°	2991.2	2837.5	2738.2	2688.6	3422.8	5426.9	11131.6	20660.8	23051.8	23671.9
40°	2921.8	2758.1	2639.0	2589.4	3214.5	5124.3	11101.8	21543.8	24133.2	24505.3
42.5°	2842.4	2738.2	2604.3	2515.0	2961.5	4821.7	10759.5	21816.7	24465.6	24867.4
44°	2817.6	2658.9	2520.0	2490.2	2862.3	4667.9	10690.1	22064.7	24753.3	25363.5
45°	2792.8	2644.0	2485.3	2445.6	2827.5	4583.6	10595.8	22124.2	25229.5	25343.6
47.5°	2723.4	2629.1	2475.3	2366.2	2753.1	4400.0	10313.1	21786.9	24743.4	24763.2
50°	2668.8	2559.7	2400.9	2187.6	2653.9	4246.3	10442.0	21662.9	23572.7	23617.3
52.5°	2609.3	2445.6	2356.3	1989.2	2490.2	4117.3	10714.9	22223.4	23706.6	23696.7
55°	2539.8	2361.2	2143.0	1820.5	2217.4	3953.6	11374.6	23329.6	24946.8	25115.4
57.5°	2430.7	2276.9	1964.4	1671.7	1904.9	3641.1	11161.3	21211.5	22952.6	22982.4
60°	2286.8	2143.0	1780.8	1557.6	1562.6	2872.2	9980.7	16528.7	18111.1	18542.7
62.5°	2147.9	2068.6	1627.1	1393.9	1329.4	2286.8	8438.0	13735.9	15546.5	15903.6
65°	1984.2	1790.8	1493.1	1269.9	1140.9	1602.3	5977.5	10263.4	12128.6	12609.8
67.5°	1775.9	1567.5	1314.6	1116.1	977.2	1071.5	3085.5	5833.6	7723.6	8006.4
70°	1552.7	1359.2	1106.2	942.5	788.7	739.1	1359.2	2782.9	4221.5	4514.1
72.5°	1274.9	1096.3	883.0	744.1	590.3	510.9	456.4	744.1	1498.1	1741.2
75°	922.7	798.7	664.7	530.8	416.7	327.4	267.9	223.2	248.0	267.9
77.5°	679.6	580.4	491.1	377.0	292.7	233.1	183.5	138.9	133.9	129.0
80°	530.8	471.3	391.9	302.6	228.2	173.6	129.0	94.3	84.3	84.3
82.5°	416.7	386.9	322.4	248.0	188.5	138.9	94.3	64.5	54.6	54.6
85°	158.7	158.7	233.1	203.4	143.9	99.2	64.5	34.7	29.8	29.8
87.5°	39.7	39.7	39.7	39.7	34.7	29.8	29.8	14.9	9.9	9.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)