

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: P531254

Luminaire Tested: **GLAN-SA6C-735-U-SLR-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P531254  
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-SA6C-735-U-SLR-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 70 CRI, 3500K, 1050mA 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: 28924 lumens  
Efficiency: N/A  
Efficacy: 90.1 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3

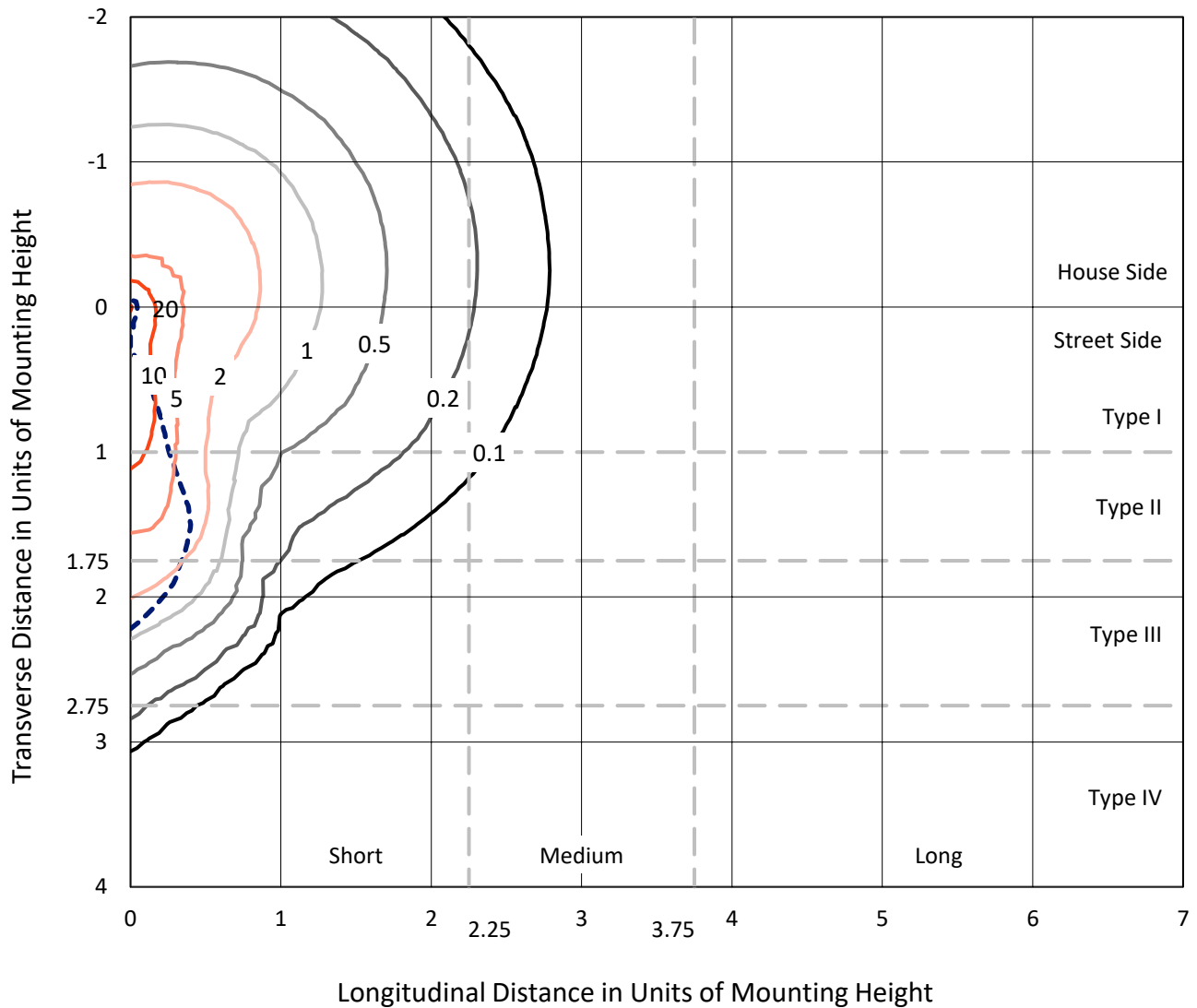
Input Watts (W): 321  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

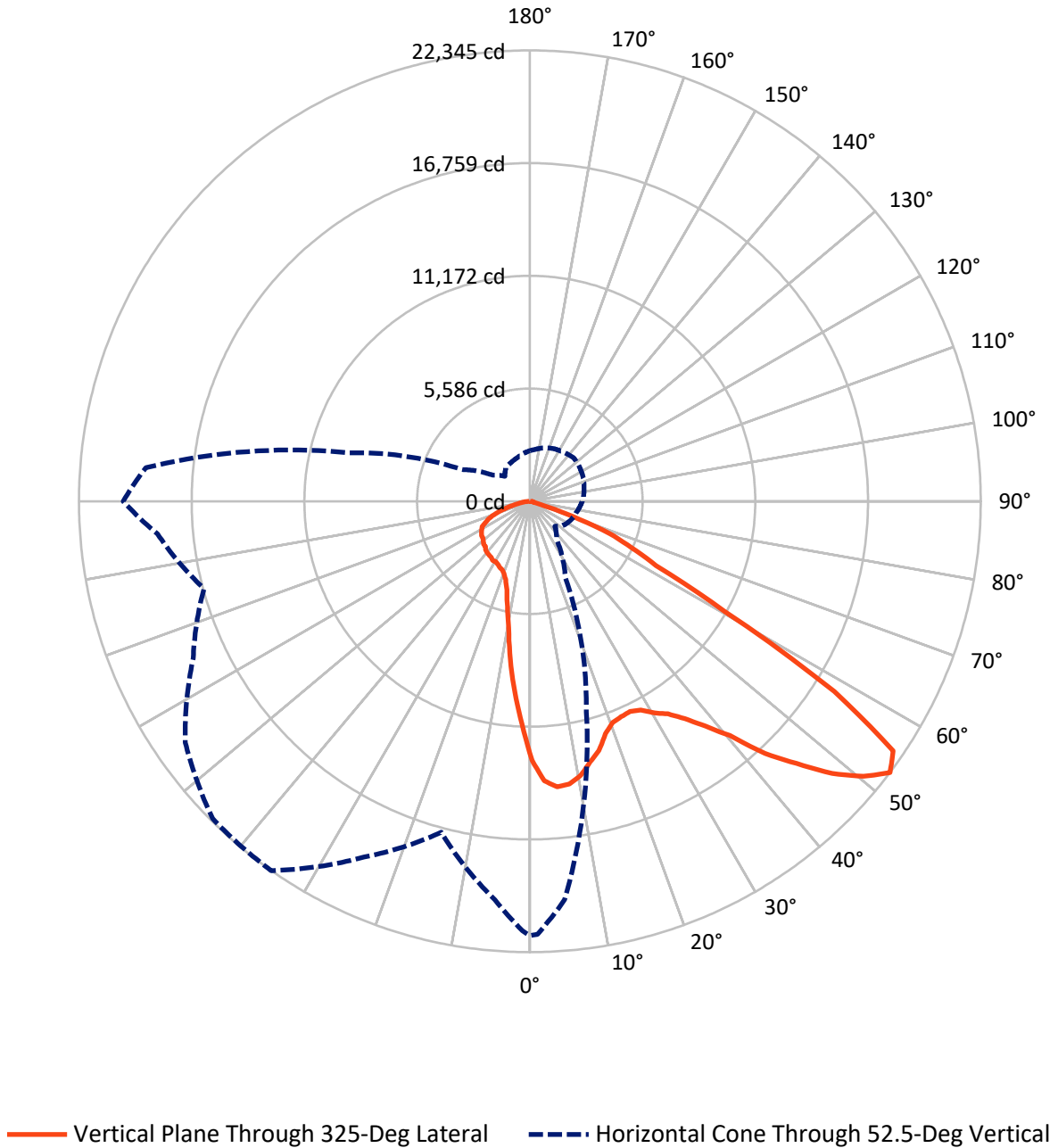
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 20.5 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



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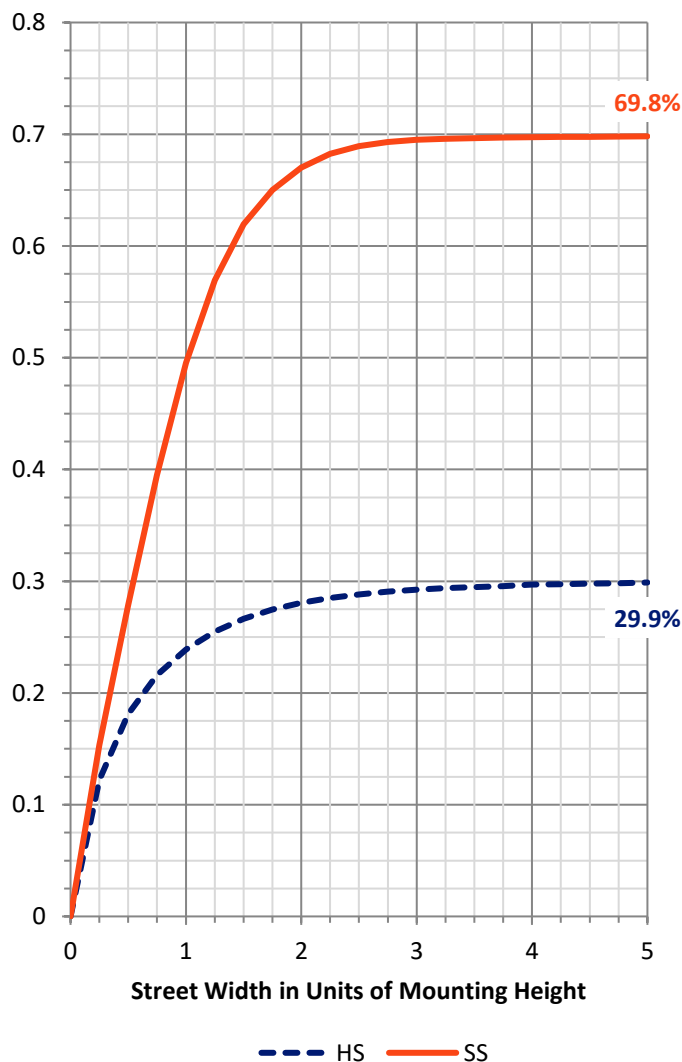
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	8719.4	0.0	8719.4
	% Fixture	30.1	0.0	30.1
<b>Street Side</b>	Lumens	20204.6	0.0	20204.6
	% Fixture	69.9	0.0	69.9
<b>Total</b>	Lumens	28924.0	0.0	28924.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	979.3	3.4
10°-20°	2123.0	7.3
20°-30°	3207.7	11.1
30°-40°	4635.3	16.0
40°-50°	6168.8	21.3
50°-60°	6899.9	23.9
60°-70°	3888.7	13.4
70°-80°	866.9	3.0
80°-90°	154.4	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°	28924.0	100.0
0°-180°	28924.0	100.0

**Coefficient of Utilization**



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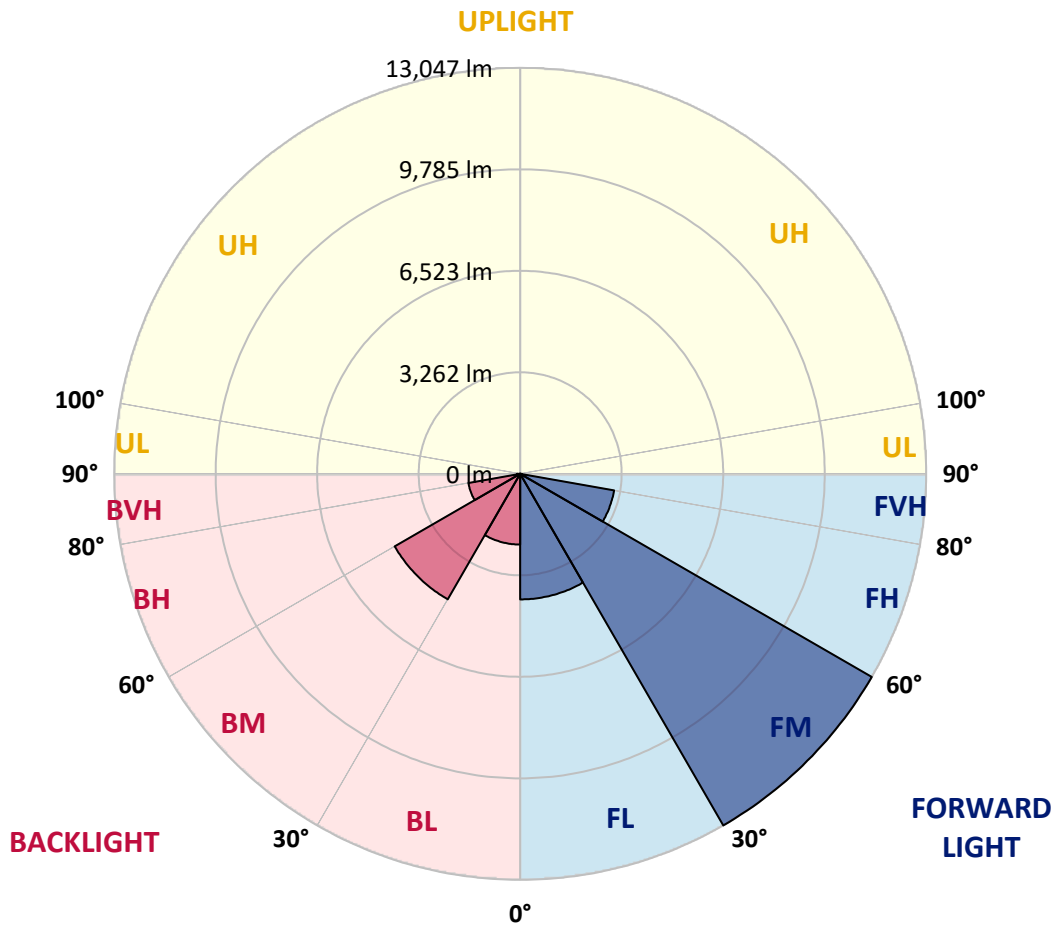
CATALOG NUMBER: GLAN-SA6C-735-U-SLR-GRSWH

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4036.3	14.0			
FM (30°-60°)	13046.9	45.1			
FH (60°-80°)	3065.5	10.6			G2/5000
FVH (80°-90°)	55.9	0.2			G1/100
BL (0°-30°)	2273.8	7.9	B3/2500		
BM (30°-60°)	4657.0	16.1	B3/5000		
BH (60°-80°)	1690.1	5.8	B3/2500		G3/2500
BVH (80°-90°)	98.5	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

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

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6
2.5°	13050.5	13260.1	13033.7	12631.2	12346.2	12086.2	11813.7	11759.2	11402.9	11340.0	11080.1
5°	12308.4	12262.3	11985.6	11457.4	10874.7	10346.5	9956.6	9579.3	9323.5	9025.9	9004.9
7.5°	11407.1	11138.8	10979.5	10178.8	9457.7	8627.6	8271.3	7697.0	7516.7	7248.4	7110.0
10°	10602.2	10405.1	10032.0	9231.3	8225.2	7676.0	7294.5	6984.3	6774.7	6498.0	6150.0
12.5°	10203.9	10124.3	9705.0	8464.1	7717.9	7131.0	6862.7	6560.9	6204.5	5760.1	5588.3
15°	10275.2	10006.9	9688.3	8317.4	7286.1	6720.2	6292.6	5915.3	5458.3	5034.9	4787.5
17.5°	10807.6	10602.2	9965.0	8409.6	7122.6	6305.1	5529.6	4972.0	4561.2	4179.7	4007.8
20°	11855.7	11558.0	10841.1	8527.0	6770.5	5726.6	4837.8	4150.3	3710.1	3508.9	3450.2
22.5°	13016.9	12840.8	11696.4	8791.1	6489.6	5190.0	4104.2	3416.7	3253.2	3198.7	3307.7
25°	14429.7	13972.7	13025.3	9222.9	6271.6	4733.0	3483.8	3102.3	3018.4	3072.9	3198.7
27.5°	15502.9	15381.3	13956.0	9629.6	5973.9	4183.9	3135.8	2884.3	2909.4	2963.9	3081.3
30°	16777.4	16161.1	14857.3	9910.5	5705.6	3806.6	2892.6	2825.6	2850.7	2943.0	3001.6
32.5°	17544.5	17314.0	15423.3	10333.9	5395.4	3479.6	2704.0	2641.1	2678.8	2817.2	2955.5
35°	18521.3	18064.4	16123.4	10442.9	5177.4	3349.6	2569.8	2523.7	2611.8	2708.2	2863.3
37.5°	19661.6	19347.2	17091.8	10367.4	5060.0	3215.5	2456.7	2435.7	2498.6	2632.7	2813.0
40°	20336.6	20240.2	17599.0	10413.5	4875.6	3098.1	2326.7	2351.8	2481.8	2586.6	2762.7
42.5°	20986.4	20357.5	18349.4	10396.8	4758.2	2938.8	2339.3	2309.9	2410.5	2532.1	2699.8
45°	21128.9	20504.3	18525.5	10279.4	4615.7	2783.6	2242.9	2255.4	2377.0	2527.9	2636.9
47.5°	21036.7	20575.5	18852.5	10245.8	4481.5	2674.7	2100.3	2251.2	2322.5	2444.1	2599.2
50°	20973.8	20948.6	19129.2	10405.1	4301.2	2502.8	1928.4	2196.7	2268.0	2389.6	2557.3
52.5°	21527.2	21472.7	19820.9	10824.4	4158.7	2318.3	1752.4	2058.4	2230.3	2347.7	2511.2
55°	21862.5	21623.6	21007.3	11340.0	3919.7	2075.2	1630.8	1886.5	2138.0	2242.9	2410.5
57.5°	19665.8	19502.3	19003.4	10585.4	3517.3	1756.5	1479.9	1710.4	2012.3	2175.8	2347.7
60°	16362.3	16106.6	14828.0	8996.6	2595.0	1366.7	1387.6	1572.1	1978.7	2041.6	2242.9
62.5°	15427.5	14794.4	13054.6	7240.0	1991.3	1173.8	1245.1	1446.3	1802.7	1907.5	2108.7
65°	12241.4	11771.8	9340.3	5227.7	1333.1	1018.7	1136.1	1303.8	1555.3	1760.7	1945.2
67.5°	7663.4	7214.9	4984.6	2473.4	930.7	872.0	1014.5	1190.6	1396.0	1580.5	1785.9
70°	4003.6	3513.1	2301.5	892.9	641.4	712.7	846.8	1014.5	1215.8	1366.7	1526.0
72.5°	1492.4	1211.6	750.4	385.7	444.4	545.0	687.5	809.1	951.6	1136.1	1224.1
75°	230.6	197.0	192.8	234.8	301.8	394.1	490.5	612.1	737.8	855.2	913.9
77.5°	109.0	104.8	117.4	155.1	201.2	280.9	356.3	473.7	574.3	649.8	683.3
80°	71.3	67.1	75.5	104.8	150.9	209.6	285.1	364.7	457.0	519.8	511.5
82.5°	41.9	46.1	46.1	71.3	104.8	150.9	205.4	276.7	339.6	394.1	360.5
85°	25.2	21.0	21.0	41.9	71.3	121.6	171.9	117.4	121.6	121.6	138.3
87.5°	8.4	8.4	8.4	4.2	8.4	8.4	12.6	21.0	25.2	29.3	37.7
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°	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6
2.5°	11071.7	11201.7	11155.6	10992.1	11117.8	11138.8	11054.9	11344.2	11398.7	11310.7	11335.8
5°	8975.6	9009.1	9084.6	9243.9	9357.1	9491.2	9491.2	9499.6	9386.4	9671.5	9587.7
7.5°	6992.7	7013.6	7101.7	7441.2	7537.7	7793.4	7902.4	7826.9	7600.5	7504.1	7583.8
10°	6036.8	5915.3	5885.9	5927.8	6145.8	6254.8	6347.1	6321.9	6284.2	6208.7	6124.9
12.5°	5399.6	5311.6	5240.3	5139.7	5152.3	5257.1	5328.3	5269.6	5286.4	5303.2	5328.3
15°	4707.9	4645.0	4607.3	4456.4	4439.6	4510.9	4536.0	4569.5	4632.4	4636.6	4607.3
17.5°	3974.2	3919.7	4003.6	4087.4	4028.7	4032.9	4079.1	4108.4	4091.6	4016.2	3978.4
20°	3471.2	3529.9	3613.7	3693.4	3756.2	3794.0	3810.7	3764.6	3710.1	3555.0	3550.8
22.5°	3324.4	3399.9	3471.2	3592.8	3651.4	3747.9	3659.8	3555.0	3479.6	3404.1	3316.1
25°	3215.5	3278.3	3420.9	3467.0	3580.2	3659.8	3596.9	3492.1	3362.2	3253.2	3186.1
27.5°	3135.8	3207.1	3299.3	3425.1	3513.1	3559.2	3496.3	3454.4	3320.3	3190.3	3093.9
30°	3085.5	3161.0	3328.6	3433.4	3508.9	3546.6	3437.6	3387.3	3290.9	3181.9	3098.1
32.5°	3052.0	3119.0	3261.6	3395.7	3446.0	3446.0	3462.8	3404.1	3269.9	3085.5	3014.2
35°	2943.0	3035.2	3152.6	3307.7	3399.9	3454.4	3370.6	3303.5	3215.5	3026.8	2896.8
37.5°	2880.1	2943.0	3093.9	3240.6	3320.3	3378.9	3345.4	3228.0	3110.6	2955.5	2850.7
40°	2813.0	2913.6	3047.8	3186.1	3274.1	3332.8	3307.7	3169.3	3026.8	2880.1	2808.8
42.5°	2766.9	2834.0	2972.3	3127.4	3232.2	3345.4	3269.9	3098.1	2997.5	2796.2	2716.6
45°	2729.2	2838.1	2984.9	3047.8	3156.8	3274.1	3140.0	3035.2	2917.8	2771.1	2704.0
47.5°	2683.0	2783.6	2880.1	3047.8	3098.1	3152.6	3127.4	2959.7	2859.1	2699.8	2653.7
50°	2666.3	2704.0	2880.1	2972.3	3043.6	3098.1	3031.0	2905.2	2808.8	2645.3	2544.7
52.5°	2599.2	2670.5	2783.6	2905.2	2993.3	3060.3	2951.3	2871.7	2741.7	2569.8	2507.0
55°	2515.3	2557.3	2758.5	2884.3	2930.4	2976.5	2934.6	2804.6	2670.5	2494.4	2431.5
57.5°	2406.3	2502.8	2666.3	2842.3	2901.0	2926.2	2859.1	2754.3	2586.6	2431.5	2330.9
60°	2293.2	2393.8	2574.0	2716.6	2775.3	2867.5	2766.9	2704.0	2511.2	2339.3	2230.3
62.5°	2180.0	2293.2	2427.3	2607.6	2657.9	2695.6	2670.5	2582.4	2427.3	2234.5	2100.3
65°	2045.8	2129.7	2297.3	2389.6	2423.1	2511.2	2423.1	2389.6	2251.2	2066.8	1953.6
67.5°	1844.6	1915.9	2062.6	2150.6	2175.8	2213.5	2209.3	2171.6	2016.5	1890.7	1790.1
70°	1614.0	1676.9	1769.1	1873.9	1886.5	1932.6	1890.7	1882.3	1781.7	1609.8	1555.3
72.5°	1295.4	1354.1	1475.7	1521.8	1526.0	1542.7	1521.8	1492.4	1467.3	1287.0	1232.5
75°	993.6	1027.1	1085.8	1127.7	1127.7	1148.7	1136.1	1106.8	1039.7	926.5	872.0
77.5°	691.7	725.3	800.7	825.9	821.7	830.1	792.3	763.0	662.4	603.7	557.6
80°	503.1	524.0	561.8	578.5	582.7	595.3	549.2	524.0	465.3	398.3	377.3
82.5°	364.7	377.3	381.5	402.5	402.5	381.5	368.9	343.8	301.8	259.9	243.2
85°	150.9	155.1	159.3	184.5	188.7	226.4	209.6	197.0	171.9	146.7	134.2
87.5°	37.7	41.9	54.5	46.1	54.5	54.5	58.7	67.1	67.1	54.5	54.5
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6
2.5°	11432.2	11465.8	11893.4	11947.9	12157.5	12371.3	12803.1	13113.3	13364.9	13528.4	13574.5
5°	9675.7	9889.5	10086.5	10405.1	10694.4	11105.3	11579.0	12165.9	12903.7	13281.0	13431.9
7.5°	7575.4	7826.9	8112.0	8422.2	8845.6	9583.5	10216.5	10895.6	11838.9	12228.8	12819.9
10°	6183.6	6464.4	6841.7	7080.7	7592.2	8296.4	9034.3	9818.2	10719.6	11281.3	11964.7
12.5°	5466.7	5697.3	6045.2	6548.3	6929.8	7386.7	7935.9	8925.3	10216.5	10748.9	11218.4
15°	4674.4	4930.1	5332.5	5890.1	6347.1	6892.0	7508.3	8585.7	9960.8	10782.4	11180.7
17.5°	4020.4	4204.8	4628.2	5110.3	5634.4	6229.7	7114.2	8568.9	10229.1	11281.3	11931.1
20°	3567.6	3592.8	3823.3	4234.2	4946.8	5722.4	6871.1	8485.1	11088.5	12140.7	12962.4
22.5°	3282.5	3257.4	3261.6	3609.5	4108.4	5223.5	6489.6	8770.2	12065.3	13507.4	14060.8
25°	3140.0	3072.9	3031.0	3106.5	3559.2	4632.4	6200.3	9147.5	13117.5	14635.1	15314.3
27.5°	3064.5	2947.1	2863.3	2875.9	3207.1	4334.8	6020.1	9311.0	14161.4	16207.2	16446.2
30°	3035.2	2888.5	2766.9	2725.0	2943.0	3919.7	5634.4	9591.9	15096.3	17070.8	17276.2
32.5°	2930.4	2750.1	2632.7	2595.0	2683.0	3555.0	5357.7	9793.1	15922.1	18009.9	17938.6
35°	2808.8	2657.9	2511.2	2439.9	2502.8	3320.3	5135.5	9696.7	16894.7	18739.3	18701.6
37.5°	2796.2	2599.2	2477.6	2360.2	2356.0	3031.0	4833.7	9788.9	17515.2	20047.3	19531.7
40°	2687.2	2561.5	2402.2	2305.7	2251.2	2884.3	4540.2	9570.9	18424.9	20575.5	20068.3
42.5°	2691.4	2502.8	2364.4	2251.2	2196.7	2670.5	4339.0	9512.2	18743.5	21434.9	20319.8
45°	2624.3	2439.9	2322.5	2188.4	2159.0	2507.0	4146.1	9239.7	19305.3	21476.9	20005.4
47.5°	2557.3	2393.8	2268.0	2108.7	2041.6	2448.3	3995.2	9013.3	19011.8	21082.8	19569.4
50°	2511.2	2322.5	2205.1	2091.9	1903.3	2347.7	3798.2	8958.8	18601.0	20550.4	18760.3
52.5°	2431.5	2263.8	2142.2	2054.2	1752.4	2255.4	3722.7	9277.4	19104.1	20152.1	18525.5
55°	2356.0	2184.2	2029.0	1857.2	1626.6	2012.3	3513.1	9575.1	19837.7	21070.2	19590.4
57.5°	2276.4	2112.9	1945.2	1739.8	1505.0	1760.7	3295.1	9629.6	18462.6	19473.0	18596.8
60°	2171.6	1962.0	1836.2	1567.9	1375.1	1458.9	2611.8	8489.3	14320.7	16261.7	16291.1
62.5°	2054.2	1827.8	1718.8	1404.4	1240.9	1257.7	2129.7	7135.2	11616.7	13461.3	14262.0
65°	1899.1	1681.1	1551.1	1299.6	1144.5	1090.0	1559.5	5227.7	8824.7	10920.8	11830.5
67.5°	1697.9	1492.4	1328.9	1131.9	1022.9	934.9	1064.8	2943.0	5211.0	7332.2	7608.9
70°	1484.1	1308.0	1136.1	972.6	851.0	788.1	779.8	1303.8	2490.2	3944.9	4489.9
72.5°	1169.6	1043.9	905.5	783.9	704.3	612.1	557.6	540.8	842.6	1605.6	2217.7
75°	838.4	733.6	654.0	574.3	515.6	465.3	423.4	385.7	352.1	402.5	553.4
77.5°	528.2	490.5	427.6	406.6	373.1	360.5	343.8	322.8	297.6	280.9	280.9
80°	356.3	331.2	310.2	306.0	293.5	289.3	293.5	272.5	247.3	226.4	234.8
82.5°	239.0	234.8	230.6	226.4	230.6	234.8	243.2	239.0	218.0	205.4	209.6
85°	142.5	150.9	159.3	167.7	184.5	163.5	134.2	113.2	100.6	92.2	88.0
87.5°	54.5	75.5	67.1	62.9	67.1	62.9	58.7	54.5	46.1	41.9	41.9
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: P531254

CATALOG NUMBER: GLAN-SA6C-735-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6	12836.6
2.5°	13880.5	13964.4	14035.6	14018.9	13872.1	13675.1	13595.4	13188.8	13105.0	13050.5
5°	14069.2	14555.5	14660.3	14597.4	14215.9	13733.8	13264.3	12669.0	12321.0	12308.4
7.5°	13721.2	14320.7	14509.4	14651.9	14144.6	13306.2	12501.3	11608.3	11390.3	11407.1
10°	12836.6	13792.5	14257.8	14404.5	13821.8	13096.6	11981.4	11075.9	10610.6	10602.2
12.5°	12346.2	13096.6	13226.5	13431.9	13260.1	12526.4	11679.6	10665.1	10212.3	10203.9
15°	11910.2	12404.8	12442.6	12731.8	12824.1	12329.4	11759.2	10677.6	10312.9	10275.2
17.5°	12291.7	11947.9	11805.4	11843.1	12115.6	12295.8	12220.4	11390.3	11017.2	10807.6
20°	12547.4	11780.2	11348.4	11390.3	11713.1	12371.3	12907.9	12421.6	11830.5	11855.7
22.5°	13230.7	11805.4	11130.4	11084.3	11595.7	12765.4	13683.5	13725.4	13155.3	13016.9
25°	14253.6	12094.6	11063.3	11050.8	11541.2	13188.8	14589.0	15268.2	14685.4	14429.7
27.5°	15075.3	12547.4	11272.9	11314.9	11713.1	13532.6	15360.4	16261.7	15817.3	15502.9
30°	15796.4	13016.9	11566.4	11373.6	12174.3	13712.8	15691.6	17393.6	17037.3	16777.4
32.5°	16094.0	13683.5	12031.7	11713.1	12555.8	13930.8	16379.1	18492.0	18186.0	17544.5
35°	16597.1	14056.6	12283.3	12258.1	13222.3	14454.9	16701.9	19217.2	19091.5	18521.3
37.5°	16999.5	14433.9	13176.2	12899.5	14136.2	15335.2	17221.7	20219.2	19929.9	19661.6
40°	17309.8	15108.8	14010.5	14375.2	15259.8	16135.9	17699.7	20282.1	21116.3	20336.6
42.5°	17024.7	15712.5	15381.3	16253.3	17091.8	17049.9	17754.2	20768.4	21393.0	20986.4
45°	16953.4	16735.4	17548.7	18341.1	18533.9	17808.6	17364.3	20231.8	21309.2	21128.9
47.5°	16781.5	17741.6	19158.6	20449.8	20156.3	18315.9	16898.9	20135.3	21359.5	21036.7
50°	16722.9	17959.6	20349.1	21606.8	21430.7	18756.1	16680.9	19514.9	21003.1	20973.8
52.5°	16718.7	18408.1	20843.8	22235.7	22344.7	19452.0	16978.6	19829.3	21279.8	21527.2
55°	16907.3	18265.6	20781.0	21887.7	21845.8	19141.8	17012.1	20038.9	21619.4	21862.5
57.5°	15947.3	16362.3	17150.5	18026.6	17800.3	15855.1	15192.7	18525.5	19841.9	19665.8
60°	13771.5	12471.9	11583.2	11541.2	11101.1	10493.2	12434.2	16534.2	16534.2	16362.3
62.5°	12061.1	8187.5	7034.6	6707.6	7022.0	7722.1	11994.0	16081.4	15624.5	15427.5
65°	10547.7	6250.6	5085.2	4993.0	5538.0	6594.4	10845.3	13700.3	12895.3	12241.4
67.5°	6787.2	4577.9	3781.4	3617.9	4276.1	4842.0	7219.0	8426.4	7919.1	7663.4
70°	4376.7	2980.7	2104.5	1974.5	2230.3	2984.9	4611.5	4913.3	4175.5	4003.6
72.5°	2071.0	1287.0	737.8	607.9	683.3	1140.3	1823.6	1962.0	1630.8	1492.4
75°	658.2	473.7	301.8	259.9	247.3	293.5	419.2	322.8	234.8	230.6
77.5°	293.5	280.9	239.0	201.2	176.1	146.7	121.6	100.6	104.8	109.0
80°	243.2	222.2	197.0	176.1	146.7	113.2	88.0	67.1	67.1	71.3
82.5°	213.8	192.8	171.9	146.7	125.8	92.2	67.1	46.1	41.9	41.9
85°	92.2	109.0	117.4	125.8	100.6	75.5	46.1	29.3	25.2	25.2
87.5°	37.7	33.5	29.3	25.2	21.0	21.0	16.8	12.6	8.4	8.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)