

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: P458847

Luminaire Tested: **GLAN-SA3D-735-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P458847
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA3D-735-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(3) 70 CRI, 3500K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18544 lumens
Efficiency: N/A
Efficacy: 100.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

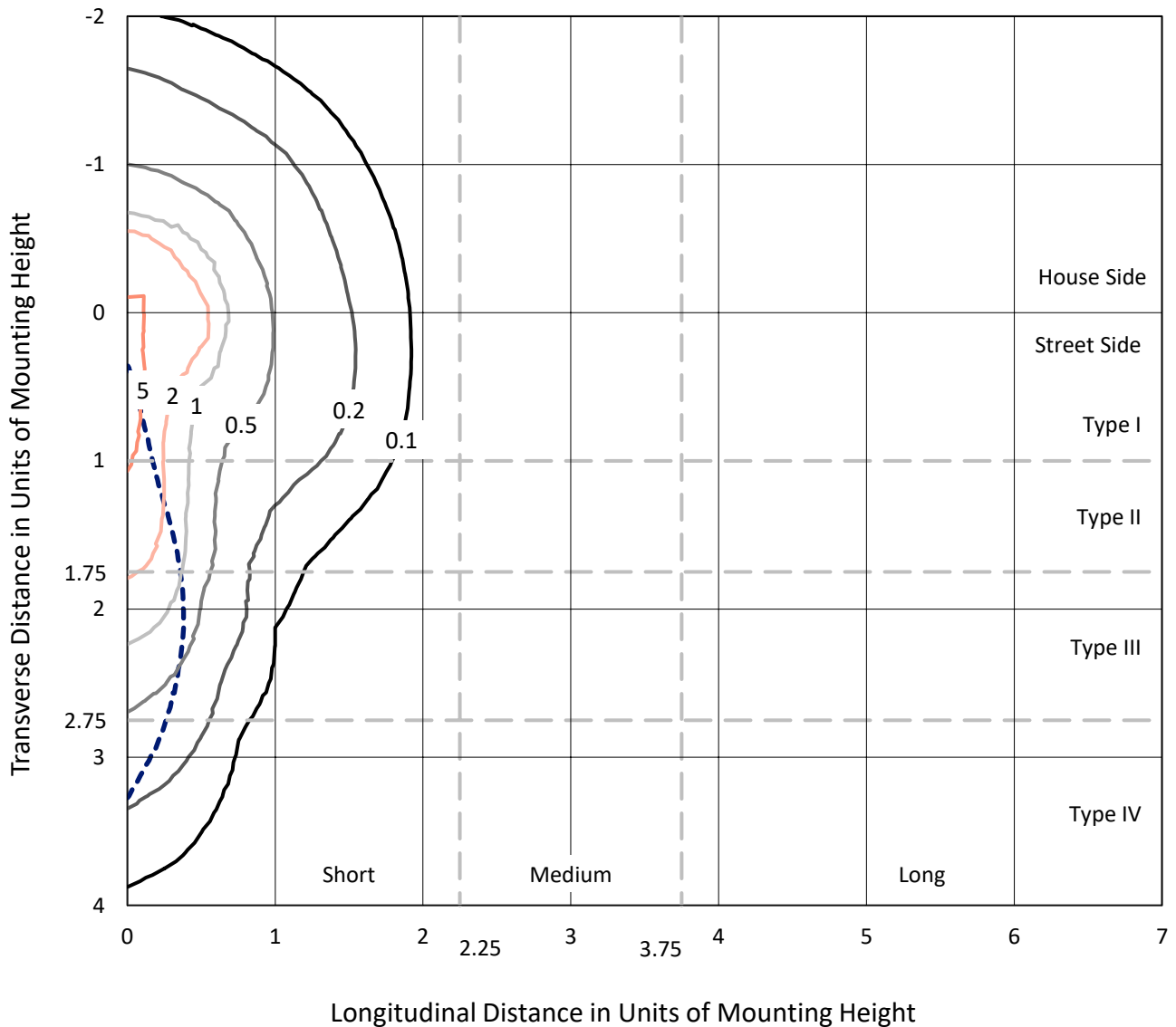
Input Watts (W): 184
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

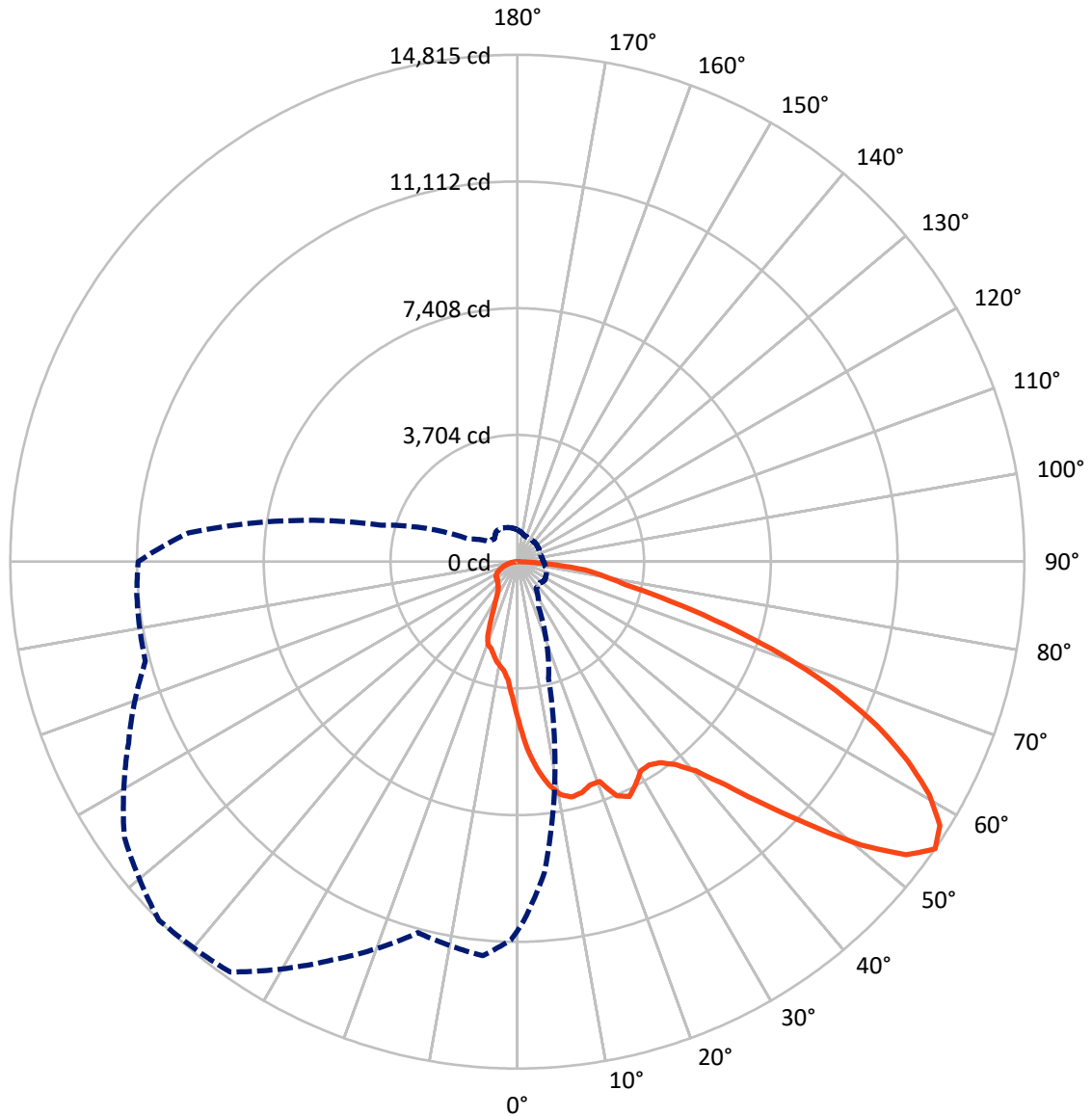
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4056.4	0.0	4056.4
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	14487.6	0.0	14487.6
	% Fixture	78.1	0.0	78.1
Total	Lumens	18544.0	0.0	18544.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	394.4	2.1
10°-20°	1046.4	5.6
20°-30°	1807.7	9.7
30°-40°	2100.9	11.3
40°-50°	2931.1	15.8
50°-60°	3977.2	21.4
60°-70°	3783.9	20.4
70°-80°	2044.2	11.0
80°-90°	458.1	2.5
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°	18544.0	100.0
0°-180°	18544.0	100.0

Coefficient of Utilization



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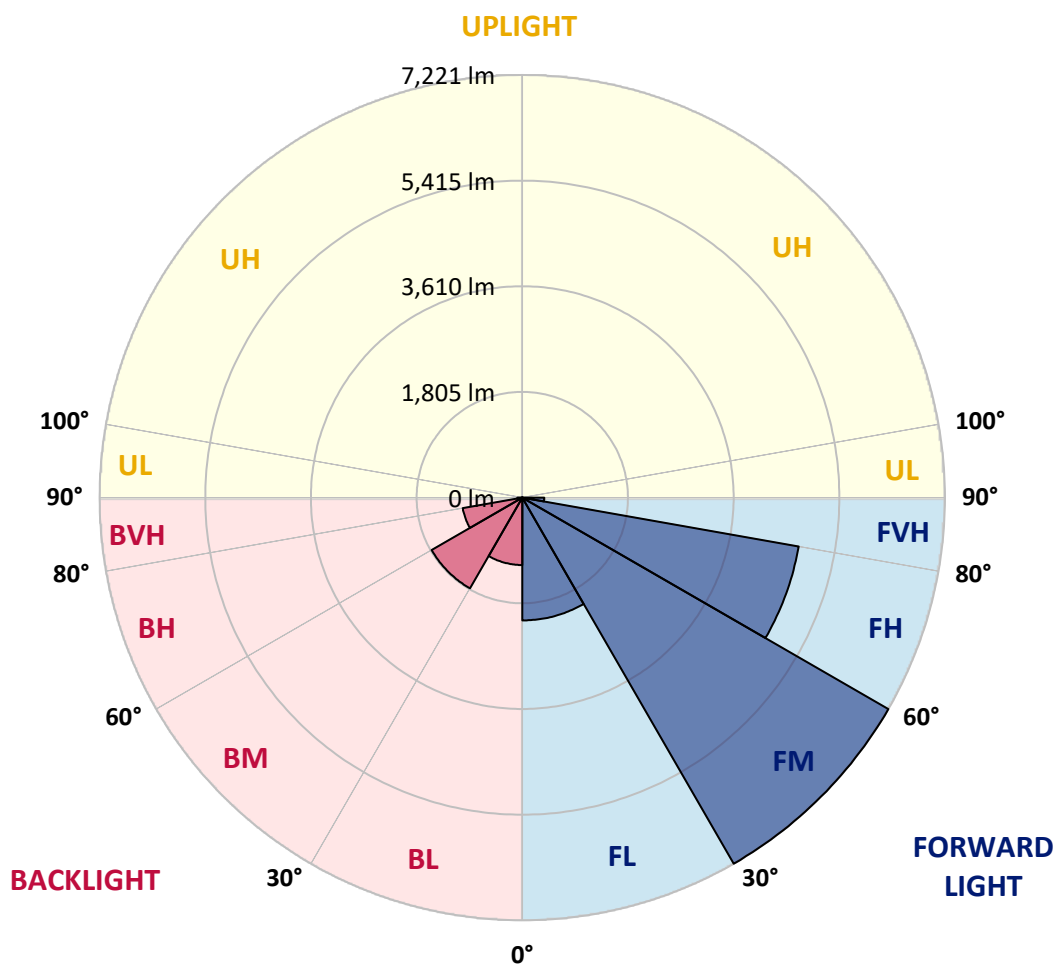
CATALOG NUMBER: GLAN-SA3D-735-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2097.4	11.3			
FM	(30°-60°)	7220.6	38.9			
FH	(60°-80°)	4795.2	25.9			G2/5000
FVH	(80°-90°)	374.4	2.0			G3/500
BL	(0°-30°)	1151.2	6.2	B3/2500		
BM	(30°-60°)	1788.6	9.6	B2/2500		
BH	(60°-80°)	1032.9	5.6	B3/2500		G3/2500
BVH	(80°-90°)	83.7	0.5			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 IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8
2.5°	5170.1	5150.5	5095.5	4951.1	4805.5	4657.5	4543.7	4401.8	4253.8	4174.2	4072.7
5°	5241.1	5219.0	5089.4	4763.9	4469.1	4159.6	3912.4	3695.9	3607.8	3478.1	3374.1
7.5°	5074.7	5064.9	4870.4	4403.0	3999.3	3594.4	3314.2	3140.5	2982.7	2923.9	2936.2
10°	4923.0	4883.8	4640.4	4029.9	3558.9	3229.8	3029.1	2859.1	2747.8	2718.4	2724.5
12.5°	4797.0	4744.4	4456.9	3779.1	3366.8	3103.8	2848.1	2670.7	2569.1	2597.3	2692.7
15°	4771.3	4700.3	4379.8	3693.4	3261.6	2922.7	2642.5	2438.2	2362.4	2423.6	2576.5
17.5°	4937.6	4848.3	4511.9	3721.6	3161.3	2738.0	2394.2	2160.5	2096.9	2194.8	2394.2
20°	5472.3	5340.1	4924.2	3884.3	3151.5	2646.2	2249.8	2014.9	2041.9	2227.8	2435.8
22.5°	6460.8	6262.6	5646.0	4121.6	3202.9	2623.0	2220.5	2098.1	2246.2	2404.0	2541.0
25°	6656.5	6501.2	5775.7	4175.5	3191.9	2607.1	2303.7	2364.8	2530.0	2608.3	2560.6
27.5°	6766.6	6589.2	5767.1	3908.8	2854.2	2364.8	2202.1	2303.7	2345.3	2269.4	2139.7
30°	7023.5	6838.8	5912.7	3628.6	2350.2	1754.4	1537.8	1496.2	1524.4	1539.0	1492.5
32.5°	7377.1	7194.8	6186.7	3445.1	2032.1	1451.0	1238.1	1179.4	1165.9	1150.0	1131.6
35°	7834.7	7554.5	6455.9	3327.7	1901.2	1342.1	1146.3	1101.1	1082.7	1060.7	1041.1
37.5°	8299.6	8005.9	6796.0	3204.1	1814.3	1266.2	1085.2	1064.4	1032.6	1009.3	981.2
40°	8793.8	8464.7	7105.5	3096.4	1729.9	1217.3	1041.1	1038.7	997.1	970.2	937.1
42.5°	9222.0	8883.1	7382.0	3030.4	1665.0	1165.9	1014.2	1021.5	978.7	938.3	895.5
45°	9562.1	9229.3	7637.7	3030.4	1612.4	1114.5	1009.3	1004.4	961.6	911.4	862.5
47.5°	9860.6	9516.8	7887.3	3107.4	1579.4	1071.7	982.4	991.0	946.9	883.3	835.6
50°	10091.8	9788.4	8223.7	3227.3	1546.4	1037.4	948.1	994.6	934.7	868.6	813.6
52.5°	10386.7	10115.1	8628.7	3391.3	1518.2	999.5	917.6	994.6	933.5	869.8	809.9
55°	10795.3	10509.0	9116.8	3527.1	1473.0	964.0	890.6	966.5	929.8	863.7	800.1
57.5°	11081.6	10867.5	9461.8	3617.6	1408.1	918.8	866.2	939.6	913.9	840.5	770.7
58°	11095.0	10885.8	9511.9	3638.4	1392.2	910.2	860.1	927.3	906.5	830.7	761.0
60°	10940.9	10761.0	9521.7	3609.0	1301.7	867.4	828.2	877.2	867.4	773.2	708.3
62.5°	10380.6	10188.5	9126.6	3370.5	1181.8	814.8	779.3	809.9	787.9	692.4	632.5
65°	9584.1	9230.6	8314.2	2996.1	1096.2	758.5	713.2	715.7	692.4	623.9	571.3
67.5°	8523.4	8128.3	7039.5	2525.1	1031.3	696.1	634.9	628.8	600.7	556.6	513.8
70°	7218.1	6947.7	5720.6	2054.1	959.1	627.6	546.9	543.2	526.1	493.0	455.1
72.5°	5850.3	5506.5	4619.6	1644.3	871.1	561.5	464.9	472.2	450.2	427.0	392.7
75°	4317.4	4092.3	3571.1	1318.8	752.4	489.4	387.8	390.3	380.5	356.0	329.1
77.5°	2843.2	2775.9	2554.5	866.2	578.7	389.0	316.9	319.3	312.0	289.9	261.8
80°	1913.4	1868.1	1731.1	557.9	386.6	281.4	244.7	247.1	245.9	222.7	184.7
82.5°	1179.4	1159.8	1115.7	376.8	267.9	201.9	161.5	168.8	182.3	156.6	126.0
85°	556.6	557.9	674.1	205.5	157.8	129.7	88.1	94.2	94.2	94.2	71.0
87.5°	72.2	75.9	93.0	86.9	57.5	48.9	31.8	26.9	23.2	30.6	22.0
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°	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8
2.5°	4037.2	4012.8	3960.2	3947.9	3940.6	3961.4	3906.3	3921.0	3896.5	3965.0	3954.0
5°	3380.3	3382.7	3425.5	3453.7	3463.4	3453.7	3417.0	3353.3	3304.4	3284.8	3289.7
7.5°	2912.9	2955.7	3029.1	3111.1	3185.7	3207.8	3187.0	3065.8	2933.7	2850.5	2823.6
10°	2757.5	2815.0	2899.5	2964.3	3030.4	3083.0	3094.0	2999.8	2843.2	2646.2	2569.1
12.5°	2766.1	2844.4	2925.2	2946.0	2939.8	2960.6	2950.8	2934.9	2832.2	2581.4	2452.9
15°	2685.4	2778.3	2834.6	2823.6	2804.0	2785.7	2760.0	2719.6	2682.9	2506.7	2364.8
17.5°	2499.4	2594.8	2641.3	2645.0	2645.0	2640.1	2577.7	2563.0	2558.1	2472.5	2385.6
20°	2533.7	2586.3	2565.5	2531.2	2541.0	2574.0	2537.3	2530.0	2558.1	2596.1	2580.2
22.5°	2553.2	2534.9	2378.3	2226.6	2192.3	2295.1	2315.9	2397.9	2511.6	2648.7	2738.0
25°	2432.1	2284.1	2003.9	1832.7	1736.0	1831.4	1956.2	2107.9	2278.0	2454.1	2558.1
27.5°	2033.3	1920.7	1720.1	1566.0	1481.5	1496.2	1602.7	1740.9	1898.7	2017.4	2093.2
30°	1531.7	1481.5	1377.6	1324.9	1273.6	1261.3	1306.6	1359.2	1428.9	1443.6	1463.2
32.5°	1128.0	1120.6	1126.8	1109.6	1099.8	1098.6	1085.2	1097.4	1104.7	1113.3	1096.2
35°	1020.3	1010.5	993.4	988.5	982.4	984.8	978.7	972.6	977.5	984.8	989.7
37.5°	965.3	950.6	926.1	917.6	917.6	921.2	911.4	909.0	917.6	940.8	953.0
40°	922.4	905.3	877.2	866.2	873.5	883.3	869.8	864.9	885.7	910.2	929.8
42.5°	882.1	868.6	841.7	829.5	835.6	853.9	834.4	830.7	857.6	884.5	907.8
45°	847.8	834.4	809.9	803.8	806.2	823.3	809.9	809.9	835.6	864.9	885.7
47.5°	820.9	803.8	787.9	783.0	785.4	795.2	792.8	792.8	817.2	847.8	868.6
50°	794.0	779.3	758.5	761.0	767.1	780.5	779.3	783.0	807.4	845.4	867.4
52.5°	781.8	759.7	736.5	738.9	757.3	773.2	768.3	772.0	800.1	871.1	902.9
55°	768.3	738.9	712.0	715.7	736.5	759.7	753.6	758.5	791.5	888.2	932.2
57.5°	742.6	708.3	679.0	681.4	712.0	736.5	726.7	732.8	772.0	869.8	916.3
58°	731.6	702.2	674.1	675.3	704.7	731.6	720.6	725.5	765.8	864.9	909.0
60°	685.1	668.0	643.5	644.7	672.9	696.1	690.0	694.9	734.0	829.5	862.5
62.5°	621.5	611.7	605.6	605.6	622.7	644.7	650.8	657.0	692.4	749.9	779.3
65°	553.0	553.0	554.2	554.2	565.2	593.3	597.0	612.9	646.0	674.1	696.1
67.5°	506.5	504.0	506.5	500.4	505.3	522.4	540.7	555.4	589.7	609.3	616.6
70°	446.5	445.3	446.5	438.0	444.1	458.8	471.0	495.5	531.0	545.6	549.3
72.5°	387.8	387.8	390.3	384.1	384.1	400.1	408.6	435.5	468.6	477.1	478.4
75°	326.6	330.3	330.3	321.8	324.2	334.0	345.0	367.0	397.6	403.7	403.7
77.5°	259.4	272.8	272.8	264.3	267.9	269.1	283.8	294.8	318.1	320.5	310.7
80°	188.4	201.9	212.9	205.5	211.6	204.3	212.9	220.2	243.5	232.4	216.5
82.5°	134.6	144.4	152.9	154.1	148.0	134.6	145.6	146.8	157.8	143.1	134.6
85°	74.6	83.2	94.2	89.3	79.5	71.0	74.6	77.1	75.9	72.2	67.3
87.5°	19.6	20.8	23.2	17.1	15.9	13.5	18.4	18.4	20.8	22.0	20.8
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8
2.5°	3962.6	4016.4	4132.7	4220.7	4328.4	4459.3	4613.4	4768.8	4936.4	4989.0	5062.4
5°	3278.7	3413.3	3469.6	3629.8	3788.9	4027.4	4281.9	4576.7	4899.7	5055.1	5204.4
7.5°	2801.6	2873.8	2932.5	3049.9	3240.8	3530.7	3850.0	4218.3	4675.8	4902.2	5121.2
10°	2544.7	2552.0	2624.2	2769.8	2936.2	3191.9	3494.0	3906.3	4416.5	4691.7	4948.7
12.5°	2374.6	2342.8	2421.1	2572.8	2761.2	2997.3	3275.0	3667.8	4229.3	4511.9	4822.6
15°	2225.4	2175.2	2233.9	2389.3	2575.3	2853.0	3151.5	3567.4	4155.9	4485.0	4830.0
17.5°	2229.0	2090.8	2111.6	2242.5	2427.2	2709.8	3072.0	3563.8	4267.2	4646.5	5055.1
20°	2504.3	2282.9	2188.7	2213.1	2391.8	2700.0	3108.7	3735.0	4633.0	5186.0	5622.8
22.5°	2774.7	2641.3	2489.6	2439.5	2537.3	2860.3	3342.3	4140.0	5428.2	6261.4	7050.5
25°	2680.5	2794.2	2756.3	2685.4	2707.4	2975.3	3501.4	4472.8	6046.1	6984.4	7725.8
27.5°	2144.6	2351.4	2393.0	2391.8	2400.3	2620.5	3149.0	4248.9	6123.1	7122.6	7831.0
30°	1507.2	1525.6	1547.6	1590.4	1629.6	1826.5	2463.9	3730.2	6088.9	7185.0	7894.6
32.5°	1087.6	1112.1	1142.7	1201.4	1294.4	1545.2	2155.6	3565.0	6269.9	7443.2	8080.6
35°	994.6	1022.8	1052.1	1119.4	1207.5	1439.9	2033.3	3496.5	6567.2	7861.6	8414.6
37.5°	965.3	997.1	1022.8	1071.7	1142.7	1364.1	1922.0	3450.0	6871.8	8304.4	8862.3
40°	944.5	981.2	1002.0	1041.1	1090.1	1294.4	1822.9	3413.3	7166.7	8709.4	9222.0
42.5°	926.1	964.0	991.0	1019.1	1059.5	1232.0	1734.8	3376.6	7422.4	9102.1	9580.5
45°	904.1	951.8	986.1	1008.1	1043.6	1179.4	1667.5	3347.2	7713.5	9450.8	9942.6
47.5°	885.7	938.3	981.2	1006.9	1020.3	1142.7	1613.7	3387.6	8063.4	9815.4	10279.0
50°	887.0	937.1	991.0	1031.3	995.8	1112.1	1580.6	3547.9	8518.5	10248.4	10544.5
52.5°	926.1	987.3	1030.1	1039.9	961.6	1075.4	1563.5	3828.0	9056.8	10631.4	10812.4
55°	970.2	1033.8	1080.3	1074.1	943.2	1028.9	1559.8	4126.5	9646.5	11077.9	11161.1
57.5°	954.3	1047.2	1118.2	1086.4	944.5	983.6	1543.9	4367.5	10139.6	11411.9	11506.1
58°	949.4	1042.3	1123.1	1083.9	940.8	970.2	1540.3	4388.3	10208.1	11435.1	11555.0
60°	901.6	999.5	1119.4	1065.6	920.0	933.5	1499.9	4455.6	10189.7	11315.2	11584.4
62.5°	814.8	895.5	1035.0	976.3	856.4	884.5	1409.4	4372.4	9693.0	10737.8	11155.0
65°	716.9	776.9	869.8	858.8	765.8	834.4	1285.8	4043.3	8698.4	9800.7	10239.9
67.5°	643.5	692.4	751.2	735.3	688.8	767.1	1152.4	3486.7	7582.6	8675.1	9228.1
70°	568.9	606.8	636.2	625.2	610.5	701.0	1033.8	2829.7	6513.4	7605.9	8141.7
72.5°	493.0	528.5	553.0	537.1	528.5	631.3	937.1	2196.0	5144.4	6274.8	6963.6
75°	412.3	447.8	464.9	446.5	441.6	556.6	794.0	1640.6	3859.8	4837.3	5431.9
77.5°	319.3	357.2	379.3	373.1	375.6	457.6	641.1	1123.1	2760.0	3297.1	3923.4
80°	223.9	265.5	280.2	274.0	291.2	348.7	452.7	713.2	1903.6	2139.7	2581.4
82.5°	138.2	177.4	179.8	186.0	198.2	258.1	341.3	434.3	1195.3	1235.6	1556.2
85°	69.7	84.4	90.5	100.3	111.3	157.8	194.5	269.1	769.5	582.3	869.8
87.5°	23.2	24.5	29.4	36.7	45.3	64.8	83.2	110.1	190.9	105.2	269.1
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: P458847

CATALOG NUMBER: GLAN-SA3D-735-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8	4653.8
2.5°	5210.5	5314.5	5390.3	5460.0	5392.8	5386.6	5320.6	5214.1	5170.1	5170.1
5°	5517.5	5761.0	5958.0	6084.0	6030.1	5900.5	5686.4	5413.6	5266.7	5241.1
7.5°	5602.0	6082.8	6448.5	6578.2	6487.7	6201.4	5791.6	5331.6	5121.2	5074.7
10°	5550.6	6175.7	6712.8	6918.3	6792.3	6359.2	5800.1	5236.2	4976.8	4923.0
12.5°	5496.7	6188.0	6761.7	7059.0	6977.1	6486.5	5862.5	5173.8	4874.0	4797.0
15°	5535.9	6192.9	6701.8	7008.9	7061.5	6639.4	5965.3	5219.0	4853.2	4771.3
17.5°	5783.0	6285.8	6616.2	6864.5	7049.2	6847.4	6257.7	5435.6	5039.2	4937.6
20°	6299.3	6508.5	6665.1	6857.2	7154.5	7271.9	6855.9	6030.1	5561.6	5472.3
22.5°	7794.3	7756.4	7435.8	7432.2	7862.8	8333.8	8305.7	7238.9	6534.2	6460.8
25°	8354.6	8178.4	7714.8	7602.2	7791.8	8518.5	8413.3	7486.0	6835.1	6656.5
27.5°	8135.6	7698.9	7394.2	7368.5	7306.2	7992.5	8245.7	7586.3	6940.4	6766.6
30°	8122.2	7479.9	7044.3	7095.7	7155.7	7811.4	8338.7	7900.7	7209.5	7023.5
32.5°	8155.2	7510.5	7070.0	7079.8	7258.4	7838.3	8441.5	8243.3	7563.1	7377.1
35°	8288.5	7684.2	7234.0	7210.7	7489.7	8014.5	8616.4	8781.6	8046.3	7834.7
37.5°	8503.9	8030.4	7533.7	7527.6	7932.5	8332.6	8834.2	9324.8	8527.1	8299.6
40°	8820.7	8435.4	8067.1	8034.1	8534.4	8850.1	9116.8	9903.4	9086.2	8793.8
42.5°	9203.7	8921.0	8770.6	8901.5	9382.3	9431.2	9557.2	10438.1	9562.1	9222.0
45°	9558.4	9545.0	9754.2	10101.6	10381.8	10088.2	10017.2	10796.5	9931.6	9562.1
47.5°	9980.5	10345.1	10976.4	11485.3	11778.9	10852.8	10409.9	11030.2	10200.7	9860.6
50°	10408.7	11303.0	12311.1	13020.7	13083.1	11683.5	10680.3	11250.4	10445.4	10091.8
52.5°	10858.9	12067.6	13409.7	14234.3	14113.2	12406.5	10942.1	11399.7	10697.4	10386.7
55°	11250.4	12536.2	14023.9	14815.4	14638.0	12846.9	11224.7	11561.1	11057.1	10795.3
57.5°	11469.4	12575.3	13870.9	14562.1	14370.1	12761.3	11354.4	11681.0	11287.1	11081.6
58°	11501.2	12522.7	13735.1	14415.3	14219.6	12689.1	11353.2	11676.1	11301.8	11095.0
60°	11473.1	12181.4	13229.9	13835.4	13629.9	12236.5	11306.7	11584.4	11115.8	10940.9
62.5°	11212.5	11589.3	12357.6	12798.0	12739.3	11529.3	11115.8	11238.2	10549.4	10380.6
65°	10869.9	10781.8	11240.6	11552.6	11596.6	10999.6	10926.2	10489.4	9822.7	9584.1
67.5°	10454.0	9866.7	9865.5	10042.9	10116.3	10184.8	10531.0	9675.9	8775.5	8523.4
70°	9748.1	8456.2	8067.1	8276.3	8215.1	8793.8	9825.1	8533.2	7512.9	7218.1
72.5°	8453.7	6710.4	6087.6	6356.8	6202.6	6896.3	8596.8	7022.3	6212.4	5850.3
75°	6852.3	5019.6	4377.3	4624.5	4529.0	5231.3	7153.2	5100.4	4455.6	4317.4
77.5°	5320.6	3637.2	3264.0	3229.8	3300.7	3892.9	5247.2	3443.9	2937.4	2843.2
80°	3418.2	2603.4	2625.4	2581.4	2618.1	2454.1	3185.7	2197.2	1989.3	1913.4
82.5°	2249.8	1814.3	2163.0	1996.6	1896.3	1650.4	2089.6	1438.7	1221.0	1179.4
85°	1532.9	1336.0	1216.1	929.8	1094.9	1271.1	1567.2	774.4	614.1	556.6
87.5°	692.4	464.9	341.3	210.4	332.8	384.1	761.0	90.5	69.7	72.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)