

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: McGRAW-EDISON

Report Number: P651574

Luminaire Tested: **GALN-SA8D-840-U-SLR-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P651574
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: McGRAW-EDISON
Catalog Number: GALN-SA8D-840-U-SLR-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 80 CRI, 4000K, 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: 39125.8 lumens
Efficiency: N/A
Efficacy: 79.4 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): 493
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

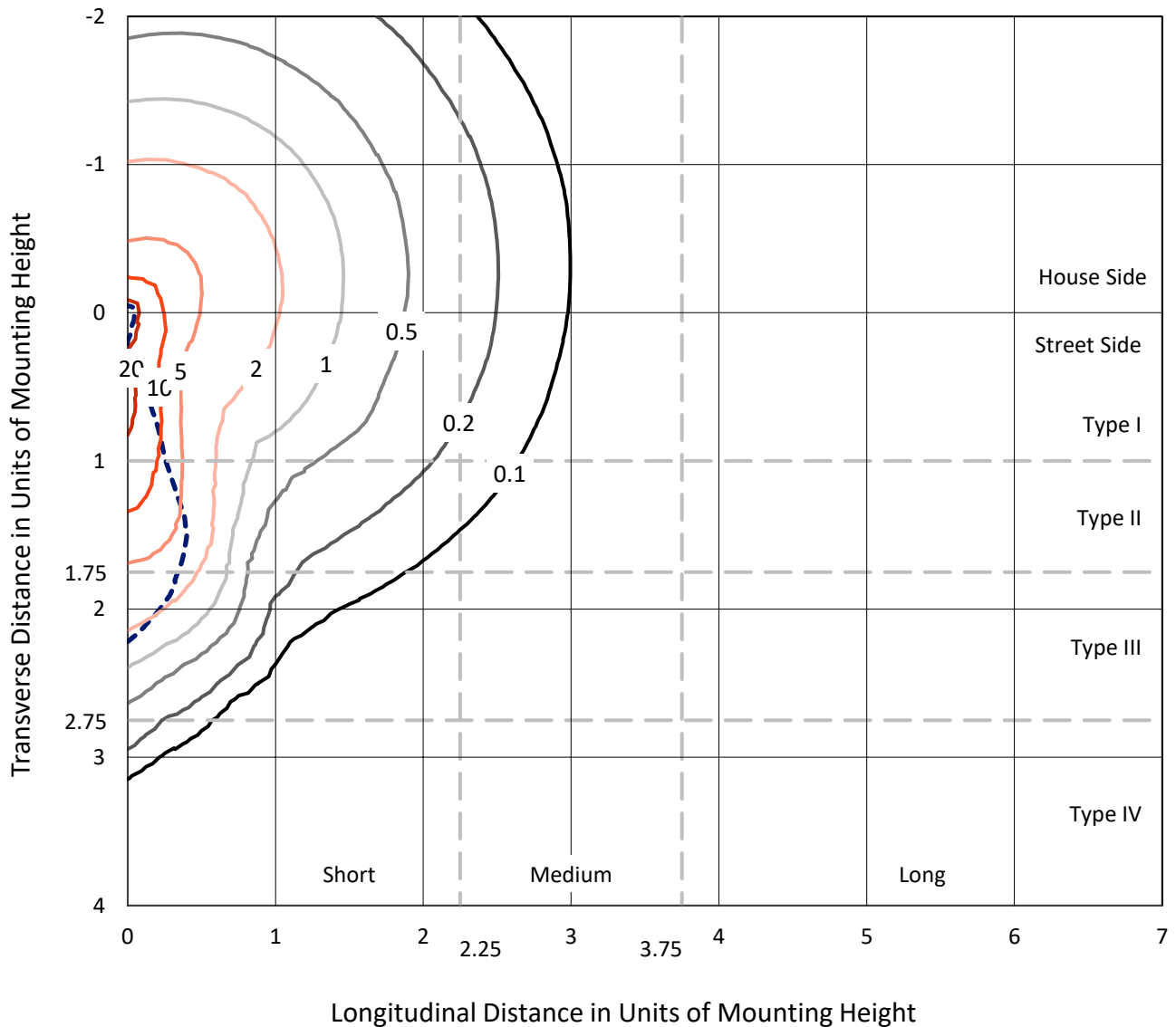




REPORT NUMBER: P651574
 CATALOG NUMBER: GALN-SA8D-840-U-SLR-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

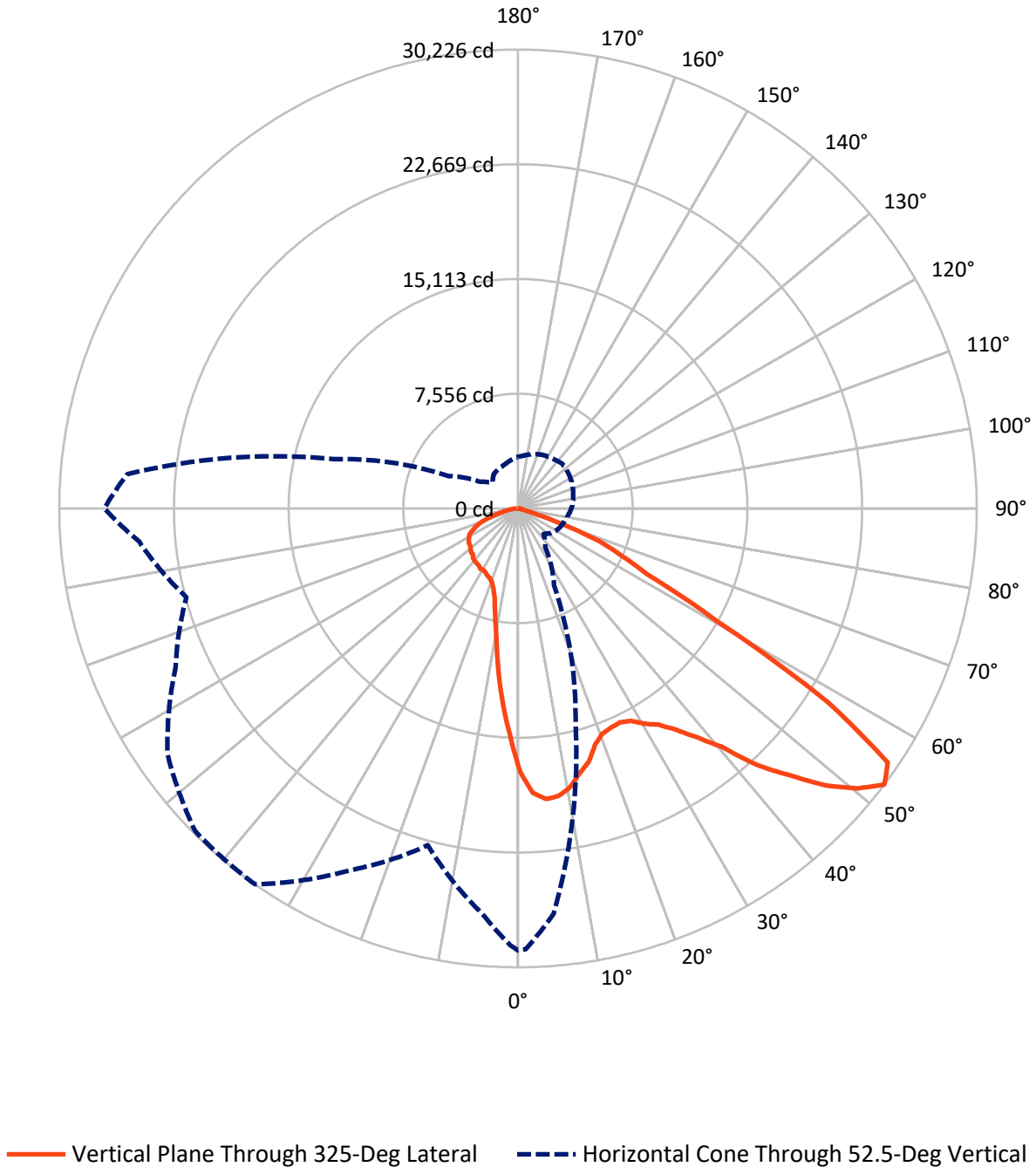
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 27.8 fc
 Type III - Short - N/A

REPORT NUMBER: P651574
CATALOG NUMBER: GALN-SA8D-840-U-SLR-GRSWH

Luminous Intensity Polar Plot



REPORT NUMBER: P651574
 CATALOG NUMBER: GALN-SA8D-840-U-SLR-GRSWH

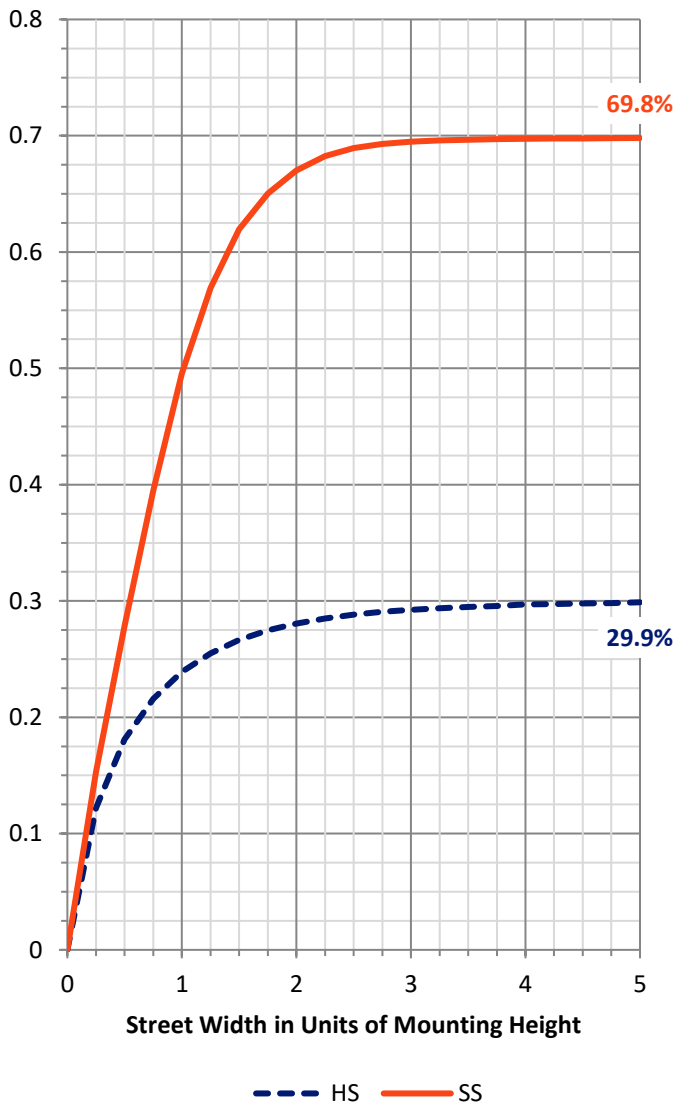
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11794.8	0.0	11794.8
	% Fixture	30.1	0.0	30.1
Street Side	Lumens	27331.0	0.0	27331.0
	% Fixture	69.9	0.0	69.9
Total	Lumens	39125.8	0.0	39125.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1324.7	3.4
10°-20°	2871.9	7.3
20°-30°	4339.1	11.1
30°-40°	6270.2	16.0
40°-50°	8344.6	21.3
50°-60°	9333.6	23.9
60°-70°	5260.3	13.4
70°-80°	1172.6	3.0
80°-90°	208.8	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°	39125.8	100.0
0°-180°	39125.8	100.0



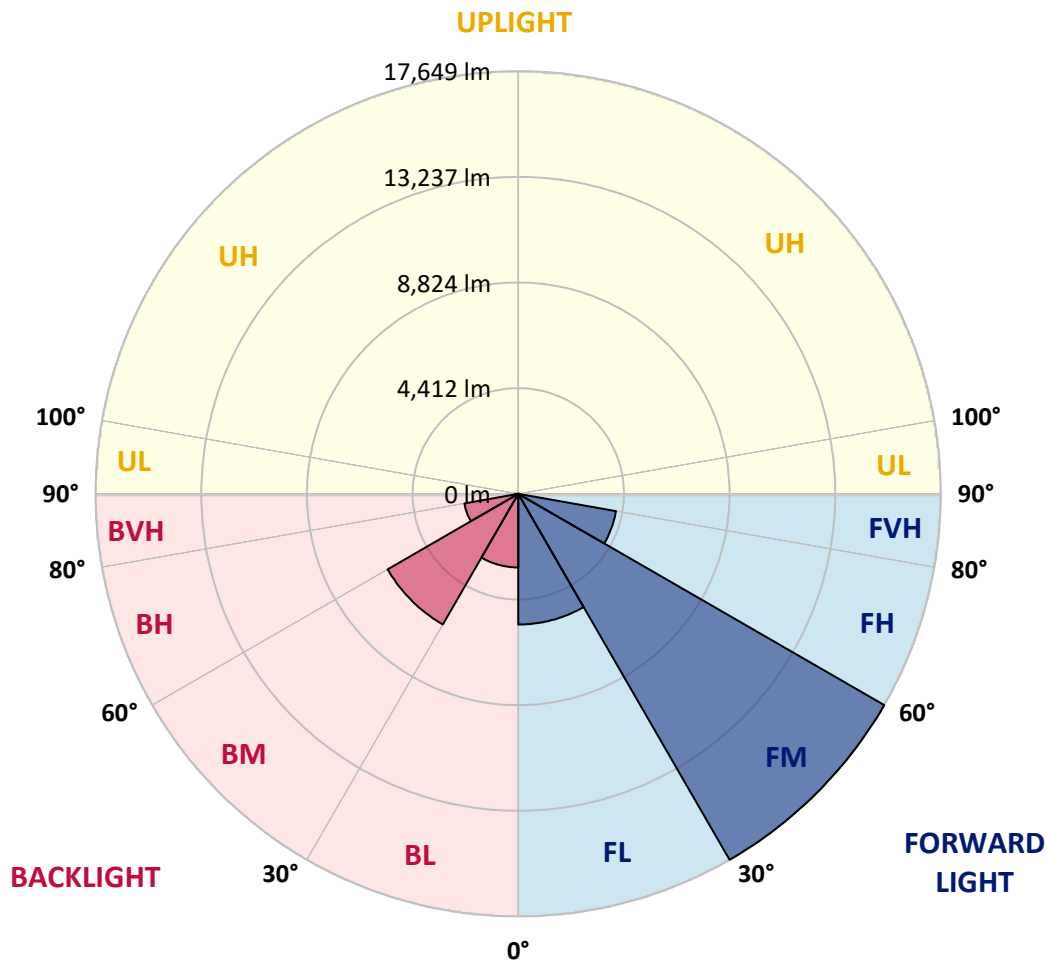
REPORT NUMBER: P651574
 CATALOG NUMBER: GALN-SA8D-840-U-SLR-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5459.9	14.0			
FM (30°-60°)	17648.8	45.1			
FH (60°-80°)	4146.8	10.6			G2/5000
FVH (80°-90°)	75.6	0.2			G1/100
BL (0°-30°)	3075.8	7.9	B4/5000		
BM (30°-60°)	6299.6	16.1	B4/8500		
BH (60°-80°)	2286.2	5.8	B3/2500		G3/2500
BVH (80°-90°)	133.2	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





REPORT NUMBER: P651574

CATALOG NUMBER: GALN-SA8D-840-U-SLR-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3
2.5°	17653.5	17937.0	17630.8	17086.4	16700.8	16349.2	15980.6	15906.8	15424.9	15339.8	14988.2
5°	16649.8	16587.4	16213.1	15498.5	14710.3	13995.8	13468.4	12958.0	12612.1	12209.5	12181.1
7.5°	15430.5	15067.6	14852.1	13768.9	12793.5	11670.7	11188.7	10411.7	10167.9	9805.0	9617.8
10°	14341.7	14075.1	13570.5	12487.3	11126.3	10383.4	9867.4	9447.7	9164.2	8789.9	8319.2
12.5°	13803.0	13695.2	13128.1	11449.5	10440.1	9646.2	9283.3	8875.0	8392.9	7791.8	7559.3
15°	13899.4	13536.4	13105.5	11251.1	9856.0	9090.5	8512.0	8001.6	7383.5	6810.8	6476.2
17.5°	14619.6	14341.7	13479.7	11375.8	9634.8	8529.0	7479.9	6725.6	6169.9	5653.9	5421.3
20°	16037.3	15634.7	14664.9	11534.6	9158.5	7746.5	6544.2	5614.2	5018.8	4746.5	4667.1
22.5°	17608.1	17369.9	15821.8	11891.9	8778.5	7020.6	5551.8	4621.8	4400.6	4326.9	4474.4
25°	19519.2	18901.1	17619.5	12476.0	8483.7	6402.4	4712.5	4196.5	4083.1	4156.7	4326.9
27.5°	20971.0	20806.5	18878.4	13026.1	8081.0	5659.6	4241.8	3901.6	3935.6	4009.3	4168.1
30°	22695.0	21861.3	20097.6	13406.0	7718.1	5149.2	3912.9	3822.2	3856.2	3981.0	4060.3
32.5°	23732.7	23420.8	20863.3	13978.8	7298.5	4706.8	3657.8	3572.7	3623.7	3810.8	3997.9
35°	25054.1	24435.9	21810.2	14126.2	7003.6	4531.1	3476.3	3413.9	3533.0	3663.4	3873.2
37.5°	26596.5	26171.2	23120.3	14024.1	6844.8	4349.6	3323.1	3294.8	3379.9	3561.3	3805.2
40°	27509.5	27379.1	23806.4	14086.5	6595.3	4190.8	3147.4	3181.3	3357.2	3499.0	3737.2
42.5°	28388.5	27537.9	24821.5	14063.8	6436.5	3975.3	3164.3	3124.7	3260.7	3425.2	3652.0
45°	28581.3	27736.3	25059.7	13905.0	6243.7	3765.5	3033.9	3051.0	3215.4	3419.6	3567.0
47.5°	28456.6	27832.7	25502.1	13859.7	6062.2	3618.1	2841.2	3045.3	3141.6	3306.1	3516.0
50°	28371.5	28337.5	25876.3	14075.1	5818.4	3385.5	2608.6	2971.6	3068.0	3232.4	3459.3
52.5°	29120.0	29046.4	26812.0	14642.2	5625.5	3136.0	2370.4	2784.4	3016.9	3175.7	3396.9
55°	29573.8	29250.5	28416.9	15339.8	5302.3	2807.1	2205.9	2551.9	2892.2	3033.9	3260.7
57.5°	26602.2	26381.0	25706.2	14319.0	4757.9	2376.1	2001.8	2313.8	2722.1	2943.2	3175.7
60°	22133.5	21787.6	20057.9	12169.8	3510.2	1848.7	1877.0	2126.6	2676.7	2761.8	3033.9
62.5°	20868.9	20012.6	17659.1	9793.6	2693.6	1587.9	1684.3	1956.4	2438.5	2580.3	2852.4
65°	16559.0	15923.9	12634.8	7071.6	1803.4	1378.1	1536.8	1763.7	2103.9	2381.8	2631.3
67.5°	10366.4	9759.6	6742.7	3345.8	1259.0	1179.6	1372.3	1610.5	1888.4	2137.9	2415.8
70°	5415.7	4752.2	3113.3	1207.9	867.7	964.0	1145.5	1372.3	1644.6	1848.7	2064.2
72.5°	2018.8	1638.9	1015.1	521.8	601.1	737.2	930.1	1094.5	1287.3	1536.8	1655.9
75°	311.9	266.5	260.9	317.6	408.3	533.0	663.5	828.0	998.1	1156.9	1236.3
77.5°	147.4	141.8	158.8	209.8	272.2	380.0	482.1	640.8	776.9	879.0	924.3
80°	96.4	90.7	102.1	141.8	204.1	283.6	385.6	493.3	618.1	703.2	691.9
82.5°	56.7	62.4	62.4	96.4	141.8	204.1	277.9	374.2	459.4	533.0	487.7
85°	34.1	28.3	28.3	56.7	96.4	164.4	232.5	158.8	164.4	164.4	187.1
87.5°	11.4	11.4	11.4	5.6	11.4	11.4	17.0	28.3	34.1	39.7	51.0
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: P651574

CATALOG NUMBER: GALN-SA8D-840-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3
2.5°	14976.9	15152.6	15090.2	14869.1	15039.2	15067.6	14954.2	15345.5	15419.1	15300.1	15334.1
5°	12141.4	12186.8	12288.9	12504.3	12657.5	12838.9	12838.9	12850.2	12697.2	13082.8	12969.3
7.5°	9459.1	9487.4	9606.5	10065.8	10196.3	10542.2	10689.6	10587.6	10281.3	10150.9	10258.7
10°	8166.1	8001.6	7961.9	8018.7	8313.5	8461.0	8585.8	8551.7	8500.7	8398.6	8285.2
12.5°	7304.1	7185.0	7088.6	6952.5	6969.5	7111.3	7207.7	7128.3	7151.0	7173.6	7207.7
15°	6368.4	6283.4	6232.3	6028.2	6005.5	6101.9	6135.9	6181.3	6266.4	6272.0	6232.3
17.5°	5376.0	5302.3	5415.7	5529.2	5449.8	5455.4	5517.8	5557.5	5534.8	5432.7	5381.6
20°	4695.5	4774.9	4888.3	4996.0	5081.2	5132.2	5154.8	5092.5	5018.8	4808.9	4803.3
22.5°	4497.0	4599.1	4695.5	4860.0	4939.4	5069.8	4950.7	4808.9	4706.8	4604.7	4485.6
25°	4349.6	4434.7	4627.4	4689.8	4843.0	4950.7	4865.6	4723.9	4548.0	4400.6	4309.9
27.5°	4241.8	4338.2	4463.0	4633.2	4752.2	4814.6	4729.5	4672.8	4491.4	4315.6	4185.2
30°	4173.8	4275.9	4502.7	4644.5	4746.5	4797.6	4650.1	4582.1	4451.7	4304.2	4190.8
32.5°	4128.4	4219.1	4412.0	4593.5	4661.5	4661.5	4684.2	4604.7	4423.3	4173.8	4077.3
35°	3981.0	4105.8	4264.5	4474.4	4599.1	4672.8	4559.4	4468.7	4349.6	4094.4	3918.6
37.5°	3895.9	3981.0	4185.2	4383.6	4491.4	4570.8	4525.3	4366.6	4207.8	3997.9	3856.2
40°	3805.2	3941.3	4122.8	4309.9	4429.0	4508.3	4474.4	4287.2	4094.4	3895.9	3799.5
42.5°	3742.8	3833.5	4020.7	4230.5	4372.3	4525.3	4423.3	4190.8	4054.7	3782.5	3674.7
45°	3691.7	3839.2	4037.6	4122.8	4270.2	4429.0	4247.5	4105.8	3947.0	3748.5	3657.8
47.5°	3629.3	3765.5	3895.9	4122.8	4190.8	4264.5	4230.5	4003.7	3867.6	3652.0	3589.6
50°	3606.7	3657.8	3895.9	4020.7	4117.0	4190.8	4100.0	3929.9	3799.5	3578.4	3442.2
52.5°	3516.0	3612.3	3765.5	3929.9	4049.0	4139.7	3992.3	3884.6	3708.7	3476.3	3391.2
55°	3402.5	3459.3	3731.4	3901.6	3964.0	4026.4	3969.6	3793.8	3612.3	3374.2	3289.2
57.5°	3255.1	3385.5	3606.7	3844.9	3924.3	3958.3	3867.6	3725.8	3499.0	3289.2	3153.0
60°	3101.9	3238.1	3481.9	3674.7	3754.1	3878.9	3742.8	3657.8	3396.9	3164.3	3016.9
62.5°	2948.9	3101.9	3283.4	3527.3	3595.4	3646.4	3612.3	3493.3	3283.4	3022.6	2841.2
65°	2767.4	2880.8	3107.7	3232.4	3277.8	3396.9	3277.8	3232.4	3045.3	2795.7	2642.7
67.5°	2495.2	2591.6	2790.1	2909.2	2943.2	2994.2	2988.6	2937.5	2727.7	2557.6	2421.5
70°	2183.3	2268.3	2393.1	2534.9	2551.9	2614.2	2557.6	2546.2	2410.1	2177.6	2103.9
72.5°	1752.3	1831.7	1996.2	2058.5	2064.2	2086.9	2058.5	2018.8	1984.8	1741.0	1667.3
75°	1344.0	1389.3	1468.7	1525.5	1525.5	1553.8	1536.8	1497.1	1406.4	1253.3	1179.6
77.5°	935.7	981.0	1083.1	1117.2	1111.5	1122.8	1071.8	1032.1	896.0	816.6	754.2
80°	680.5	708.9	759.9	782.6	788.3	805.3	742.9	708.9	629.5	538.7	510.4
82.5°	493.3	510.4	516.0	544.4	544.4	516.0	499.0	465.0	408.3	351.6	328.9
85°	204.1	209.8	215.5	249.5	255.2	306.2	283.6	266.5	232.5	198.5	181.5
87.5°	51.0	56.7	73.8	62.4	73.8	73.8	79.4	90.7	90.7	73.8	73.8
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: P651574

CATALOG NUMBER: GALN-SA8D-840-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3
2.5°	15464.6	15509.9	16088.3	16162.1	16445.6	16734.8	17318.9	17738.5	18078.8	18300.0	18362.4
5°	13088.4	13377.6	13644.2	14075.1	14466.5	15022.2	15663.0	16456.9	17455.0	17965.4	18169.6
7.5°	10247.3	10587.6	10973.2	11392.9	11965.6	12963.7	13820.0	14738.7	16014.6	16542.0	17341.6
10°	8364.6	8744.5	9254.9	9578.1	10270.0	11222.7	12220.8	13281.2	14500.5	15260.4	16184.7
12.5°	7394.8	7706.8	8177.5	8857.9	9374.0	9992.1	10735.0	12073.3	13820.0	14540.2	15175.3
15°	6323.1	6669.0	7213.3	7967.6	8585.8	9323.0	10156.6	11614.0	13474.1	14585.5	15124.3
17.5°	5438.4	5687.9	6260.7	6912.9	7621.6	8427.0	9623.5	11591.3	13837.0	15260.4	16139.4
20°	4825.9	4860.0	5171.9	5727.6	6691.7	7740.8	9294.6	11477.9	14999.5	16422.9	17534.4
22.5°	4440.3	4406.3	4412.0	4882.7	5557.5	7065.9	8778.5	11863.5	16320.9	18271.7	19020.2
25°	4247.5	4156.7	4100.0	4202.1	4814.6	6266.4	8387.3	12373.9	17744.3	19797.1	20715.8
27.5°	4145.5	3986.7	3873.2	3890.2	4338.2	5863.7	8143.4	12595.1	19156.3	21923.7	22247.0
30°	4105.8	3907.3	3742.8	3686.1	3981.0	5302.3	7621.6	12975.0	20420.9	23091.9	23369.8
32.5°	3964.0	3720.1	3561.3	3510.2	3629.3	4808.9	7247.4	13247.2	21538.1	24362.2	24265.8
35°	3799.5	3595.4	3396.9	3300.5	3385.5	4491.4	6946.8	13116.8	22853.8	25348.9	25297.9
37.5°	3782.5	3516.0	3351.5	3192.7	3187.1	4100.0	6538.5	13241.5	23693.0	27118.2	26420.7
40°	3635.1	3464.9	3249.5	3119.0	3045.3	3901.6	6141.6	12946.7	24923.6	27832.7	27146.6
42.5°	3640.7	3385.5	3198.4	3045.3	2971.6	3612.3	5869.3	12867.3	25354.6	28995.3	27486.8
45°	3549.9	3300.5	3141.6	2960.2	2920.5	3391.2	5608.5	12498.7	26114.5	29052.0	27061.5
47.5°	3459.3	3238.1	3068.0	2852.4	2761.8	3311.8	5404.4	12192.4	25717.5	28519.0	26471.7
50°	3396.9	3141.6	2982.9	2829.8	2574.6	3175.7	5137.8	12118.7	25161.8	27798.8	25377.3
52.5°	3289.2	3062.2	2897.8	2778.7	2370.4	3051.0	5035.7	12549.7	25842.2	27260.0	25059.7
55°	3187.1	2954.5	2744.7	2512.2	2200.3	2722.1	4752.2	12952.3	26834.7	28501.9	26500.1
57.5°	3079.3	2858.1	2631.3	2353.5	2035.9	2381.8	4457.3	13026.1	24974.7	26341.3	25156.1
60°	2937.5	2653.9	2483.9	2120.9	1860.0	1973.5	3533.0	11483.6	19371.8	21997.4	22037.1
62.5°	2778.7	2472.5	2325.0	1899.7	1678.6	1701.3	2880.8	9651.9	15714.1	18209.2	19292.4
65°	2568.9	2274.1	2098.2	1757.9	1548.2	1474.4	2109.6	7071.6	11937.2	14772.7	16003.3
67.5°	2296.7	2018.8	1797.6	1531.1	1383.7	1264.6	1440.4	3981.0	7048.9	9918.4	10292.7
70°	2007.5	1769.3	1536.8	1315.7	1151.2	1066.1	1054.8	1763.7	3368.5	5336.3	6073.5
72.5°	1582.2	1412.0	1224.9	1060.4	952.7	828.0	754.2	731.6	1139.9	2172.0	2999.9
75°	1134.2	992.4	884.6	776.9	697.5	629.5	572.7	521.8	476.3	544.4	748.6
77.5°	714.5	663.5	578.4	550.1	504.7	487.7	465.0	436.6	402.7	380.0	380.0
80°	482.1	448.0	419.7	413.9	397.0	391.3	397.0	368.6	334.5	306.2	317.6
82.5°	323.3	317.6	311.9	306.2	311.9	317.6	328.9	323.3	294.9	277.9	283.6
85°	192.8	204.1	215.5	226.8	249.5	221.2	181.5	153.1	136.1	124.7	119.1
87.5°	73.8	102.1	90.7	85.0	90.7	85.0	79.4	73.8	62.4	56.7	56.7
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: P651574

CATALOG NUMBER: GALN-SA8D-840-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3	17364.3
2.5°	18776.3	18889.8	18986.2	18963.5	18765.0	18498.5	18390.7	17840.6	17727.2	17653.5
5°	19031.5	19689.3	19831.1	19746.1	19230.1	18577.9	17942.7	17137.5	16666.8	16649.8
7.5°	18560.9	19371.8	19627.0	19819.8	19133.6	17999.4	16910.7	15702.7	15407.8	15430.5
10°	17364.3	18657.2	19286.7	19485.2	18696.9	17715.9	16207.4	14982.5	14353.0	14341.7
12.5°	16700.8	17715.9	17891.7	18169.6	17937.0	16944.6	15799.1	14426.8	13814.3	13803.0
15°	16111.0	16780.2	16831.2	17222.5	17347.3	16678.1	15906.8	14443.8	13950.4	13899.4
17.5°	16627.1	16162.1	15969.2	16020.3	16388.9	16632.7	16530.7	15407.8	14903.1	14619.6
20°	16973.0	15935.2	15351.1	15407.8	15844.5	16734.8	17460.7	16802.8	16003.3	16037.3
22.5°	17897.3	15969.2	15056.3	14993.9	15685.7	17267.9	18509.8	18566.5	17795.3	17608.1
25°	19281.0	16360.6	14965.5	14948.5	15612.0	17840.6	19734.7	20653.4	19865.2	19519.2
27.5°	20392.6	16973.0	15249.0	15305.8	15844.5	18305.6	20778.2	21997.4	21396.3	20971.0
30°	21368.0	17608.1	15646.0	15385.2	16468.3	18549.5	21226.2	23528.6	23046.5	22695.0
32.5°	21770.5	18509.8	16275.5	15844.5	16984.3	18844.4	22156.2	25014.4	24600.3	23732.7
35°	22451.1	19014.5	16615.7	16581.7	17886.1	19553.2	22592.9	25995.4	25825.3	25054.1
37.5°	22995.5	19524.9	17823.6	17449.3	19122.2	20744.1	23296.0	27350.7	26959.4	26596.5
40°	23415.1	20437.9	18952.1	19445.5	20642.1	21827.3	23942.5	27435.8	28564.3	27509.5
42.5°	23029.5	21254.5	20806.5	21986.1	23120.3	23063.6	24016.3	28093.6	28938.6	28388.5
45°	22933.1	22638.2	23738.4	24810.2	25071.1	24089.9	23488.9	27367.7	28825.2	28581.3
47.5°	22700.6	23999.3	25916.0	27662.7	27265.6	24776.1	22859.4	27237.3	28893.2	28456.6
50°	22621.2	24294.1	27526.5	29227.8	28989.6	25371.6	22564.5	26398.1	28411.2	28371.5
52.5°	22615.5	24900.9	28195.7	30078.4	30225.9	26313.0	22967.1	26823.4	28785.5	29120.0
55°	22870.7	24708.1	28110.7	29607.7	29551.1	25893.3	23012.5	27106.9	29244.8	29573.8
57.5°	21572.1	22133.5	23199.7	24384.9	24078.7	21447.4	20551.3	25059.7	26840.3	26602.2
60°	18628.9	16870.9	15668.7	15612.0	15016.6	14194.2	16819.9	22366.1	22366.1	22133.5
62.5°	16315.1	11075.3	9515.7	9073.5	9498.8	10445.8	16224.4	21753.6	21135.4	20868.9
65°	14268.0	8455.3	6878.8	6754.1	7491.3	8920.3	14670.6	18532.5	17443.7	16559.0
67.5°	9181.2	6192.6	5115.1	4893.9	5784.3	6549.9	9765.3	11398.5	10712.3	10366.4
70°	5920.4	4032.0	2846.8	2671.0	3016.9	4037.6	6237.9	6646.3	5648.2	5415.7
72.5°	2801.5	1741.0	998.1	822.2	924.3	1542.5	2466.8	2653.9	2205.9	2018.8
75°	890.4	640.8	408.3	351.6	334.5	397.0	567.1	436.6	317.6	311.9
77.5°	397.0	380.0	323.3	272.2	238.2	198.5	164.4	136.1	141.8	147.4
80°	328.9	300.6	266.5	238.2	198.5	153.1	119.1	90.7	90.7	96.4
82.5°	289.2	260.9	232.5	198.5	170.1	124.7	90.7	62.4	56.7	56.7
85°	124.7	147.4	158.8	170.1	136.1	102.1	62.4	39.7	34.1	34.1
87.5°	51.0	45.3	39.7	34.1	28.3	28.3	22.7	17.0	11.4	11.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)