

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: P533360

Luminaire Tested: **GALN-SA8D-735-U-SLR-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P533360  
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-735-U-SLR-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(8) 70 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: 43339 lumens  
Efficiency: N/A  
Efficacy: 87.9 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B4 - U0 - G4

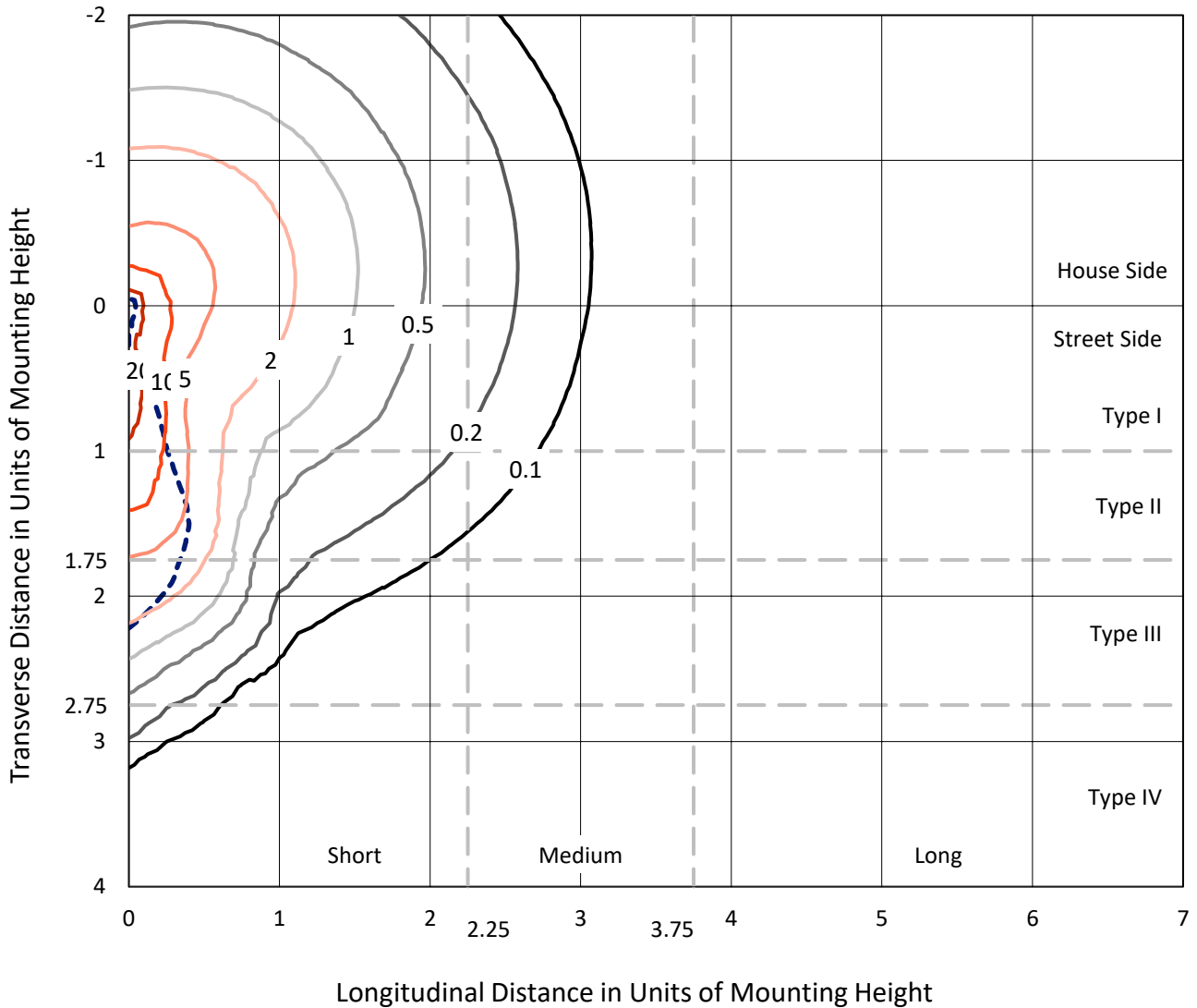
Input Watts (W): 493  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P533360  
 CATALOG NUMBER: GALN-SA8D-735-U-SLR-GRSWH

### Iso-Footcandle Lines of Horizontal Illumination

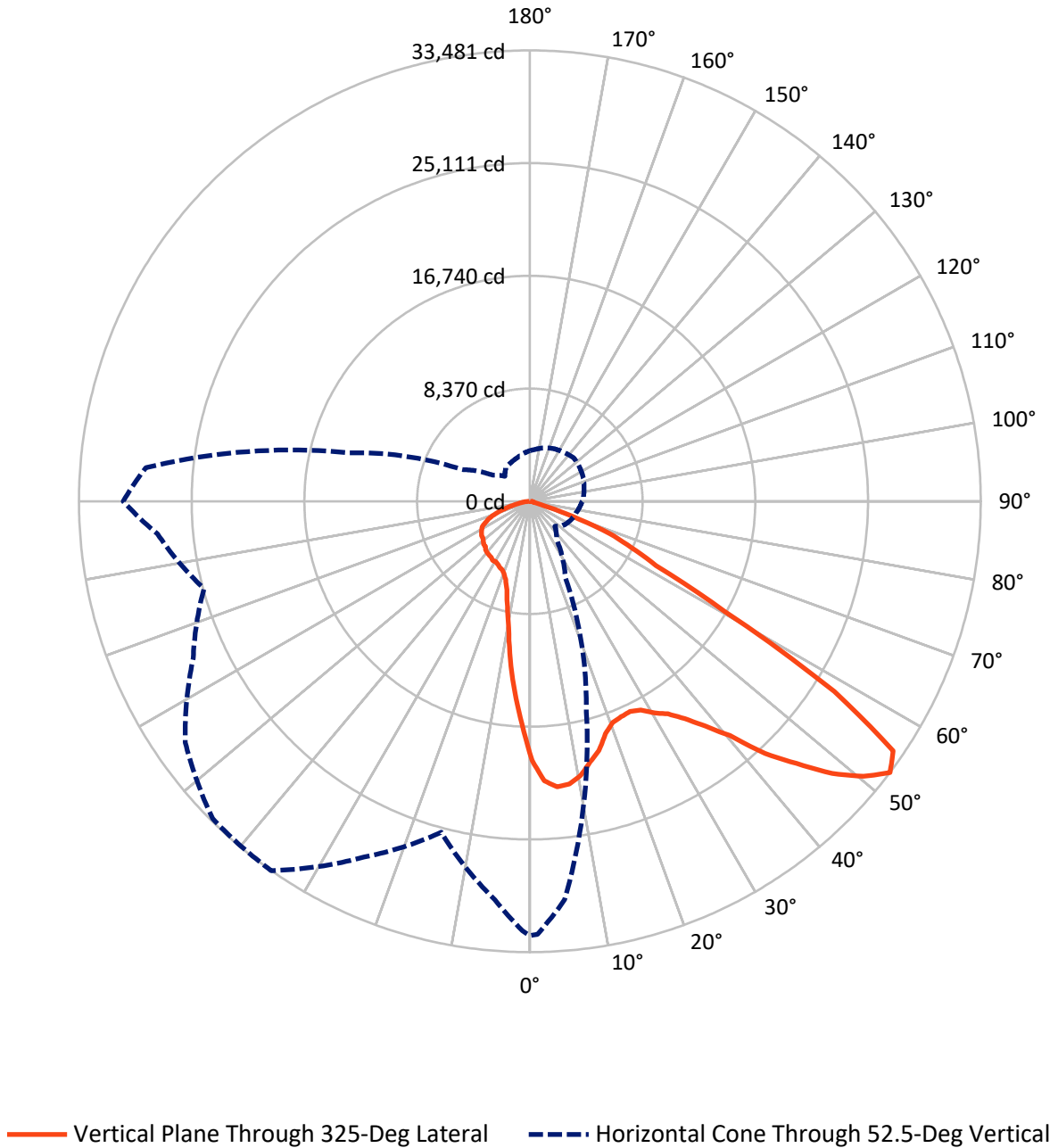
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 30.8 fc  
 Type III - Short - N/A

REPORT NUMBER: P533360  
CATALOG NUMBER: GALN-SA8D-735-U-SLR-GRSWH

### Luminous Intensity Polar Plot



REPORT NUMBER: P533360  
 CATALOG NUMBER: GALN-SA8D-735-U-SLR-GRSWH

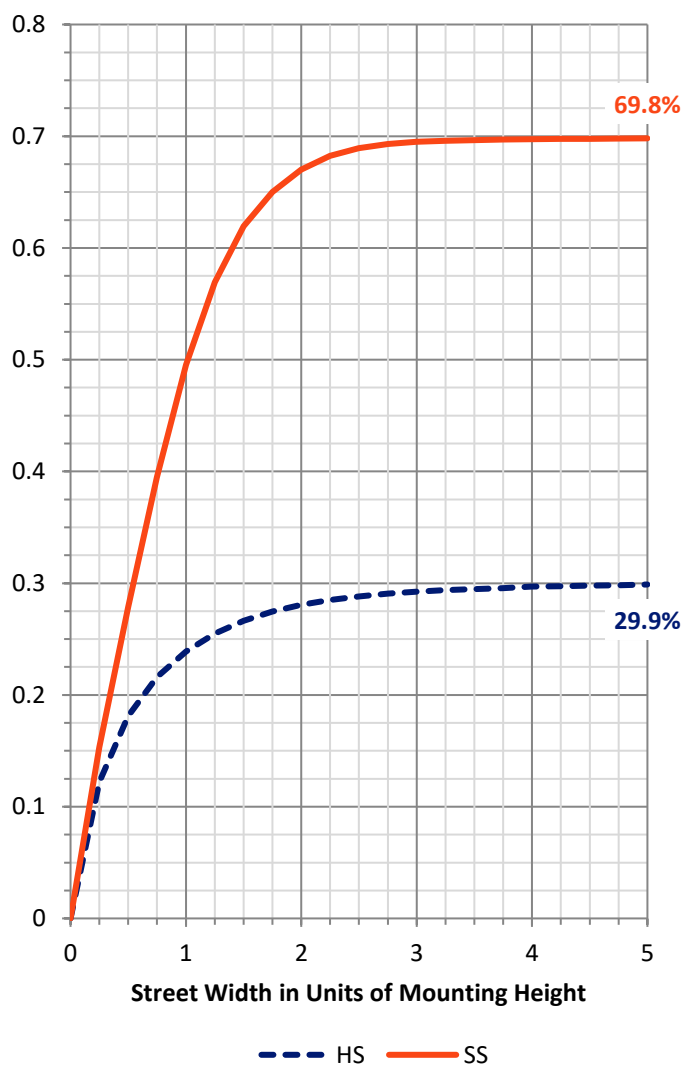
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	13064.9	0.0	13064.9
	% Fixture	30.1	0.0	30.1
<b>Street Side</b>	Lumens	30274.1	0.0	30274.1
	% Fixture	69.9	0.0	69.9
<b>Total</b>	Lumens	43339.0	0.0	43339.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1467.4	3.4
10°-20°	3181.1	7.3
20°-30°	4806.4	11.1
30°-40°	6945.4	16.0
40°-50°	9243.1	21.3
50°-60°	10338.6	23.9
60°-70°	5826.8	13.4
70°-80°	1298.9	3.0
80°-90°	231.3	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°	43339.0	100.0
0°-180°	43339.0	100.0

**Coefficient of Utilization**

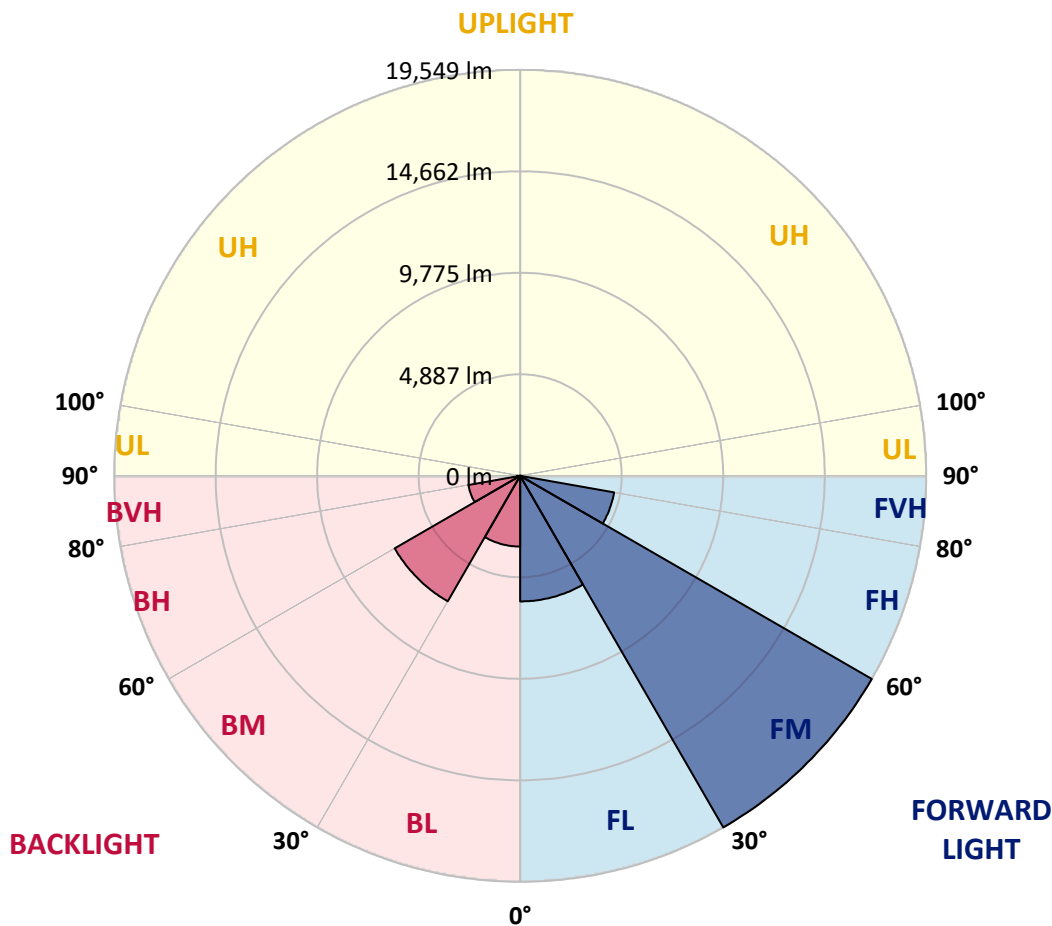


REPORT NUMBER: P533360  
 CATALOG NUMBER: GALN-SA8D-735-U-SLR-GRSWH

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	6047.9	14.0			
FM (30°-60°)	19549.2	45.1			
FH (60°-80°)	4593.3	10.6			G2/5000
FVH (80°-90°)	83.8	0.2			G1/100
BL (0°-30°)	3407.0	7.9	B4/5000		
BM (30°-60°)	6978.0	16.1	B4/8500		
BH (60°-80°)	2532.4	5.8	B4/5000		G4/5000
BVH (80°-90°)	147.5	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-G4**  
 Type III Short





REPORT NUMBER: P533360

CATALOG NUMBER: GALN-SA8D-735-U-SLR-GRSWH

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1
2.5°	19554.5	19868.6	19529.3	18926.3	18499.2	18109.7	17701.4	17619.8	17085.8	16991.6	16602.1
5°	18442.6	18373.5	17959.0	17167.5	16294.3	15502.9	14918.7	14353.3	13970.2	13524.2	13492.8
7.5°	17092.1	16690.1	16451.4	15251.6	14171.2	12927.4	12393.5	11532.9	11262.8	10860.8	10653.5
10°	15886.0	15590.8	15031.8	13832.0	12324.4	11501.5	10929.9	10465.1	10151.0	9736.4	9215.0
12.5°	15289.3	15169.9	14541.8	12682.5	11564.3	10684.9	10282.9	9830.6	9296.7	8630.9	8373.3
15°	15396.1	14994.1	14516.7	12462.6	10917.3	10069.3	9428.6	8863.3	8178.6	7544.1	7173.5
17.5°	16193.8	15886.0	14931.3	12600.8	10672.4	9447.5	8285.4	7449.9	6834.3	6262.7	6005.2
20°	17764.2	17318.2	16244.1	12776.7	10144.7	8580.6	7248.9	6218.7	5559.2	5257.7	5169.7
22.5°	19504.2	19240.4	17525.5	13172.4	9723.8	7776.6	6149.6	5119.5	4874.5	4792.8	4956.1
25°	21621.1	20936.4	19516.8	13819.4	9397.2	7091.9	5220.0	4648.3	4522.7	4604.4	4792.8
27.5°	23229.2	23047.0	20911.3	14428.7	8951.2	6269.0	4698.6	4321.7	4359.4	4441.1	4616.9
30°	25138.8	24215.4	22261.8	14849.6	8549.2	5703.6	4334.3	4233.8	4271.5	4409.7	4497.6
32.5°	26288.3	25942.8	23109.8	15484.0	8084.4	5213.7	4051.6	3957.4	4013.9	4221.2	4428.5
35°	27751.9	27067.2	24158.9	15647.3	7757.7	5019.0	3850.6	3781.5	3913.4	4057.9	4290.3
37.5°	29460.5	28989.4	25609.9	15534.3	7581.8	4818.0	3681.0	3649.6	3743.8	3944.8	4214.9
40°	30471.8	30327.3	26370.0	15603.4	7305.4	4642.1	3486.3	3524.0	3718.7	3875.7	4139.5
42.5°	31445.5	30503.2	27494.4	15578.3	7129.6	4403.4	3505.1	3461.1	3611.9	3794.1	4045.3
45°	31659.0	30723.1	27758.2	15402.4	6916.0	4171.0	3360.6	3379.5	3561.6	3787.8	3951.1
47.5°	31520.8	30829.9	28248.1	15352.1	6715.0	4007.6	3147.1	3373.2	3480.0	3662.1	3894.6
50°	31426.6	31388.9	28662.7	15590.8	6444.9	3750.1	2889.5	3291.5	3398.3	3580.5	3831.7
52.5°	32255.8	32174.1	29699.2	16219.0	6231.3	3473.7	2625.7	3084.2	3341.8	3517.7	3762.7
55°	32758.3	32400.2	31476.9	16991.6	5873.3	3109.4	2443.5	2826.7	3203.6	3360.6	3611.9
57.5°	29466.8	29221.8	28474.3	15860.9	5270.2	2632.0	2217.4	2562.9	3015.1	3260.1	3517.7
60°	24516.9	24133.7	22217.9	13480.2	3888.3	2047.8	2079.2	2355.6	2964.9	3059.1	3360.6
62.5°	23116.1	22167.6	19560.8	10848.2	2983.7	1758.8	1865.6	2167.1	2701.1	2858.1	3159.6
65°	18342.1	17638.6	13995.3	7833.1	1997.5	1526.4	1702.3	1953.6	2330.5	2638.3	2914.6
67.5°	11482.7	10810.6	7468.8	3706.1	1394.5	1306.6	1520.1	1784.0	2091.8	2368.1	2675.9
70°	5998.9	5263.9	3448.6	1338.0	961.1	1067.9	1268.9	1520.1	1821.7	2047.8	2286.5
72.5°	2236.2	1815.4	1124.4	577.9	665.8	816.6	1030.2	1212.3	1425.9	1702.3	1834.2
75°	345.5	295.2	289.0	351.8	452.3	590.5	734.9	917.1	1105.6	1281.4	1369.4
77.5°	163.3	157.0	175.9	232.4	301.5	420.9	533.9	709.8	860.6	973.6	1023.9
80°	106.8	100.5	113.1	157.0	226.1	314.1	427.1	546.5	684.7	778.9	766.3
82.5°	62.8	69.1	69.1	106.8	157.0	226.1	307.8	414.6	508.8	590.5	540.2
85°	37.7	31.4	31.4	62.8	106.8	182.2	257.5	175.9	182.2	182.2	207.3
87.5°	12.6	12.6	12.6	6.3	12.6	12.6	18.8	31.4	37.7	44.0	56.5
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: P533360

CATALOG NUMBER: GALN-SA8D-735-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1
2.5°	16589.6	16784.3	16715.2	16470.2	16658.7	16690.1	16564.5	16997.9	17079.5	16947.6	16985.3
5°	13448.8	13499.1	13612.1	13850.8	14020.4	14221.4	14221.4	14234.0	14064.4	14491.5	14365.9
7.5°	10477.6	10509.0	10641.0	11149.8	11294.2	11677.4	11840.7	11727.7	11388.5	11244.0	11363.3
10°	9045.4	8863.3	8819.3	8882.1	9208.8	9372.1	9510.3	9472.6	9416.0	9303.0	9177.3
12.5°	8090.6	7958.7	7851.9	7701.2	7720.0	7877.1	7983.9	7895.9	7921.0	7946.2	7983.9
15°	7054.2	6960.0	6903.4	6677.3	6652.2	6759.0	6796.6	6846.9	6941.1	6947.4	6903.4
17.5°	5954.9	5873.3	5998.9	6124.5	6036.6	6042.9	6112.0	6155.9	6130.8	6017.7	5961.2
20°	5201.1	5289.1	5414.7	5534.0	5628.3	5684.8	5709.9	5640.8	5559.2	5326.8	5320.5
22.5°	4981.3	5094.3	5201.1	5383.3	5471.2	5615.7	5483.8	5326.8	5213.7	5100.6	4968.7
25°	4818.0	4912.2	5125.7	5194.8	5364.4	5483.8	5389.6	5232.5	5037.8	4874.5	4774.0
27.5°	4698.6	4805.4	4943.6	5132.0	5263.9	5333.0	5238.8	5176.0	4975.0	4780.3	4635.8
30°	4623.2	4736.3	4987.6	5144.6	5257.7	5314.2	5150.9	5075.5	4931.0	4767.7	4642.1
32.5°	4573.0	4673.5	4887.0	5088.1	5163.4	5163.4	5188.6	5100.6	4899.6	4623.2	4516.4
35°	4409.7	4547.8	4723.7	4956.1	5094.3	5176.0	5050.4	4949.9	4818.0	4535.3	4340.6
37.5°	4315.4	4409.7	4635.8	4855.6	4975.0	5062.9	5012.7	4836.8	4660.9	4428.5	4271.5
40°	4214.9	4365.7	4566.7	4774.0	4905.9	4993.8	4956.1	4748.9	4535.3	4315.4	4208.6
42.5°	4145.8	4246.3	4453.6	4686.0	4843.1	5012.7	4899.6	4642.1	4491.3	4189.8	4070.4
45°	4089.3	4252.6	4472.5	4566.7	4730.0	4905.9	4704.9	4547.8	4372.0	4152.1	4051.6
47.5°	4020.2	4171.0	4315.4	4566.7	4642.1	4723.7	4686.0	4434.8	4284.0	4045.3	3976.2
50°	3995.1	4051.6	4315.4	4453.6	4560.4	4642.1	4541.6	4353.1	4208.6	3963.7	3812.9
52.5°	3894.6	4001.3	4171.0	4353.1	4485.0	4585.5	4422.2	4302.9	4108.1	3850.6	3756.4
55°	3768.9	3831.7	4133.3	4321.7	4390.8	4459.9	4397.1	4202.4	4001.3	3737.5	3643.3
57.5°	3605.6	3750.1	3995.1	4258.9	4346.8	4384.5	4284.0	4127.0	3875.7	3643.3	3492.5
60°	3436.0	3586.8	3856.9	4070.4	4158.4	4296.6	4145.8	4051.6	3762.7	3505.1	3341.8
62.5°	3266.4	3436.0	3637.0	3907.1	3982.5	4039.0	4001.3	3869.4	3637.0	3348.1	3147.1
65°	3065.4	3191.0	3442.3	3580.5	3630.7	3762.7	3630.7	3580.5	3373.2	3096.8	2927.2
67.5°	2763.9	2870.7	3090.5	3222.4	3260.1	3316.7	3310.4	3253.8	3021.4	2833.0	2682.2
70°	2418.4	2512.6	2650.8	2807.9	2826.7	2895.8	2833.0	2820.4	2669.7	2412.1	2330.5
72.5°	1941.0	2028.9	2211.1	2280.2	2286.5	2311.6	2280.2	2236.2	2198.5	1928.4	1846.8
75°	1488.7	1539.0	1626.9	1689.7	1689.7	1721.1	1702.3	1658.3	1557.8	1388.2	1306.6
77.5°	1036.5	1086.7	1199.8	1237.5	1231.2	1243.7	1187.2	1143.2	992.5	904.5	835.4
80°	753.8	785.2	841.7	866.9	873.1	892.0	822.9	785.2	697.3	596.7	565.3
82.5°	546.5	565.3	571.6	603.0	603.0	571.6	552.8	515.1	452.3	389.5	364.3
85°	226.1	232.4	238.7	276.4	282.7	339.2	314.1	295.2	257.5	219.9	201.0
87.5°	56.5	62.8	81.7	69.1	81.7	81.7	87.9	100.5	100.5	81.7	81.7
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: P533360

CATALOG NUMBER: GALN-SA8D-735-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1
2.5°	17129.8	17180.0	17820.8	17902.4	18216.5	18536.9	19183.9	19648.7	20025.6	20270.6	20339.7
5°	14497.8	14818.2	15113.4	15590.8	16024.2	16639.8	17349.6	18229.1	19334.6	19900.0	20126.1
7.5°	11350.8	11727.7	12154.8	12619.6	13254.1	14359.6	15308.1	16325.8	17739.1	18323.3	19209.0
10°	9265.3	9686.2	10251.5	10609.5	11375.9	12431.2	13536.7	14711.4	16061.9	16903.7	17927.6
12.5°	8191.1	8536.6	9058.0	9811.8	10383.4	11068.1	11891.0	13373.4	15308.1	16105.9	16809.4
15°	7003.9	7387.1	7990.1	8825.6	9510.3	10326.9	11250.3	12864.6	14925.0	16156.2	16752.9
17.5°	6024.0	6300.4	6934.8	7657.2	8442.4	9334.4	10659.8	12839.5	15327.0	16903.7	17877.3
20°	5345.6	5383.3	5728.8	6344.4	7412.2	8574.3	10295.5	12713.9	16614.7	18191.4	19422.6
22.5°	4918.5	4880.8	4887.0	5408.4	6155.9	7826.8	9723.8	13141.0	18078.3	20239.2	21068.3
25°	4704.9	4604.4	4541.6	4654.6	5333.0	6941.1	9290.4	13706.3	19655.0	21928.9	22946.5
27.5°	4591.8	4415.9	4290.3	4309.1	4805.4	6495.1	9020.3	13951.3	21219.1	24284.5	24642.5
30°	4547.8	4328.0	4145.8	4083.0	4409.7	5873.3	8442.4	14372.2	22619.9	25578.5	25886.3
32.5°	4390.8	4120.7	3944.8	3888.3	4020.2	5326.8	8027.8	14673.7	23857.3	26985.6	26878.8
35°	4208.6	3982.5	3762.7	3655.9	3750.1	4975.0	7694.9	14529.2	25314.7	28078.5	28022.0
37.5°	4189.8	3894.6	3712.4	3536.5	3530.2	4541.6	7242.6	14667.4	26244.3	30038.4	29265.8
40°	4026.5	3838.0	3599.3	3454.9	3373.2	4321.7	6802.9	14340.8	27607.4	30829.9	30069.8
42.5°	4032.8	3750.1	3542.8	3373.2	3291.5	4001.3	6501.4	14252.8	28084.8	32117.6	30446.7
45°	3932.3	3655.9	3480.0	3279.0	3235.0	3756.4	6212.5	13844.5	28926.6	32180.4	29975.6
47.5°	3831.7	3586.8	3398.3	3159.6	3059.1	3668.4	5986.3	13505.3	28486.8	31589.9	29322.3
50°	3762.7	3480.0	3304.1	3134.5	2851.8	3517.7	5691.1	13423.7	27871.2	30792.2	28109.9
52.5°	3643.3	3392.0	3209.9	3078.0	2625.7	3379.5	5578.0	13901.1	28625.0	30195.4	27758.2
55°	3530.2	3272.7	3040.3	2782.7	2437.2	3015.1	5263.9	14347.1	29724.3	31571.1	29353.7
57.5°	3410.9	3165.9	2914.6	2606.8	2255.1	2638.3	4937.3	14428.7	27664.0	29177.8	27865.0
60°	3253.8	2939.8	2751.3	2349.3	2060.3	2186.0	3913.4	12720.1	21457.8	24366.1	24410.1
62.5°	3078.0	2738.8	2575.4	2104.3	1859.3	1884.5	3191.0	10691.2	17406.2	20170.1	21369.8
65°	2845.5	2518.9	2324.2	1947.3	1714.9	1633.2	2336.7	7833.1	13222.7	16363.4	17726.5
67.5°	2544.0	2236.2	1991.3	1696.0	1532.7	1400.8	1595.5	4409.7	7808.0	10986.4	11401.0
70°	2223.7	1959.8	1702.3	1457.3	1275.2	1180.9	1168.4	1953.6	3731.2	5910.9	6727.5
72.5°	1752.6	1564.1	1356.8	1174.7	1055.3	917.1	835.4	810.3	1262.6	2405.8	3322.9
75°	1256.3	1099.3	979.9	860.6	772.6	697.3	634.4	577.9	527.7	603.0	829.2
77.5°	791.5	734.9	640.7	609.3	559.1	540.2	515.1	483.7	446.0	420.9	420.9
80°	533.9	496.2	464.8	458.6	439.7	433.4	439.7	408.3	370.6	339.2	351.8
82.5°	358.0	351.8	345.5	339.2	345.5	351.8	364.3	358.0	326.6	307.8	314.1
85°	213.6	226.1	238.7	251.3	276.4	245.0	201.0	169.6	150.8	138.2	131.9
87.5°	81.7	113.1	100.5	94.2	100.5	94.2	87.9	81.7	69.1	62.8	62.8
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: P533360

CATALOG NUMBER: GALN-SA8D-735-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1	19234.1
2.5°	20798.2	20923.9	21030.6	21005.5	20785.7	20490.4	20371.1	19761.8	19636.1	19554.5
5°	21080.9	21809.6	21966.6	21872.4	21300.7	20578.4	19874.8	18982.9	18461.5	18442.6
7.5°	20559.5	21457.8	21740.5	21954.0	21194.0	19937.6	18731.6	17393.6	17067.0	17092.1
10°	19234.1	20666.3	21363.6	21583.4	20710.3	19623.6	17952.7	16595.9	15898.6	15886.0
12.5°	18499.2	19623.6	19818.3	20126.1	19868.6	18769.3	17500.4	15980.3	15301.9	15289.3
15°	17845.9	18587.1	18643.6	19077.1	19215.3	18474.0	17619.8	15999.1	15452.6	15396.1
17.5°	18417.5	17902.4	17688.9	17745.4	18153.7	18423.8	18310.7	17067.0	16507.9	16193.8
20°	18800.7	17651.2	17004.2	17067.0	17550.7	18536.9	19340.9	18612.2	17726.5	17764.2
22.5°	19824.6	17688.9	16677.5	16608.4	17374.8	19127.3	20503.0	20565.8	19711.5	19504.2
25°	21357.3	18122.3	16577.0	16558.2	17293.1	19761.8	21859.8	22877.4	22004.3	21621.1
27.5°	22588.5	18800.7	16891.1	16953.9	17550.7	20276.9	23015.6	24366.1	23700.3	23229.2
30°	23668.9	19504.2	17330.8	17041.9	18241.6	20547.0	23511.9	26062.2	25528.2	25138.8
32.5°	24114.9	20503.0	18028.1	17550.7	18813.3	20873.6	24542.0	27707.9	27249.4	26288.3
35°	24868.7	21062.0	18404.9	18367.3	19812.0	21658.8	25025.7	28794.6	28606.2	27751.9
37.5°	25471.7	21627.4	19742.9	19328.3	21181.4	22977.9	25804.6	30295.9	29862.5	29460.5
40°	25936.5	22638.7	20992.9	21539.4	22864.9	24177.7	26520.7	30390.2	31640.2	30471.8
42.5°	25509.4	23543.3	23047.0	24353.6	25609.9	25547.1	26602.4	31118.8	32054.8	31445.5
45°	25402.6	25076.0	26294.6	27481.8	27770.7	26684.0	26018.2	30314.8	31929.1	31659.0
47.5°	25145.1	26583.5	28706.7	30641.4	30201.7	27444.1	25320.9	30170.3	32004.5	31520.8
50°	25057.1	26910.2	30490.7	32375.1	32111.3	28103.7	24994.3	29240.6	31470.6	31426.6
52.5°	25050.8	27582.3	31231.9	33317.4	33480.7	29146.4	25440.3	29711.7	31885.2	32255.8
55°	25333.5	27368.7	31137.7	32796.0	32733.2	28681.6	25490.5	30025.8	32394.0	32758.3
57.5°	23895.0	24516.9	25697.8	27010.7	26671.5	23756.8	22764.3	27758.2	29730.6	29466.8
60°	20634.9	18687.6	17355.9	17293.1	16633.6	15722.7	18631.1	24774.4	24774.4	24516.9
62.5°	18072.0	12267.9	10540.4	10050.5	10521.6	11570.6	17971.5	24096.0	23411.3	23116.1
65°	15804.4	9365.8	7619.5	7481.3	8297.9	9880.9	16250.4	20528.1	19322.1	18342.1
67.5°	10169.8	6859.5	5666.0	5421.0	6407.2	7255.2	10816.8	12625.9	11865.9	11482.7
70°	6557.9	4466.2	3153.3	2958.6	3341.8	4472.5	6909.7	7362.0	6256.4	5998.9
72.5°	3103.1	1928.4	1105.6	910.8	1023.9	1708.6	2732.5	2939.8	2443.5	2236.2
75°	986.2	709.8	452.3	389.5	370.6	439.7	628.2	483.7	351.8	345.5
77.5°	439.7	420.9	358.0	301.5	263.8	219.9	182.2	150.8	157.0	163.3
80°	364.3	332.9	295.2	263.8	219.9	169.6	131.9	100.5	100.5	106.8
82.5°	320.4	289.0	257.5	219.9	188.4	138.2	100.5	69.1	62.8	62.8
85°	138.2	163.3	175.9	188.4	150.8	113.1	69.1	44.0	37.7	37.7
87.5°	56.5	50.3	44.0	37.7	31.4	31.4	25.1	18.8	12.6	12.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)