

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: P534426

Luminaire Tested: **GALN-SA9D-830-U-SLR-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P534426
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-SA9D-830-U-SLR-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 80 CRI, 3000K, 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: 41504 lumens
Efficiency: N/A
Efficacy: 75.2 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): 552
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



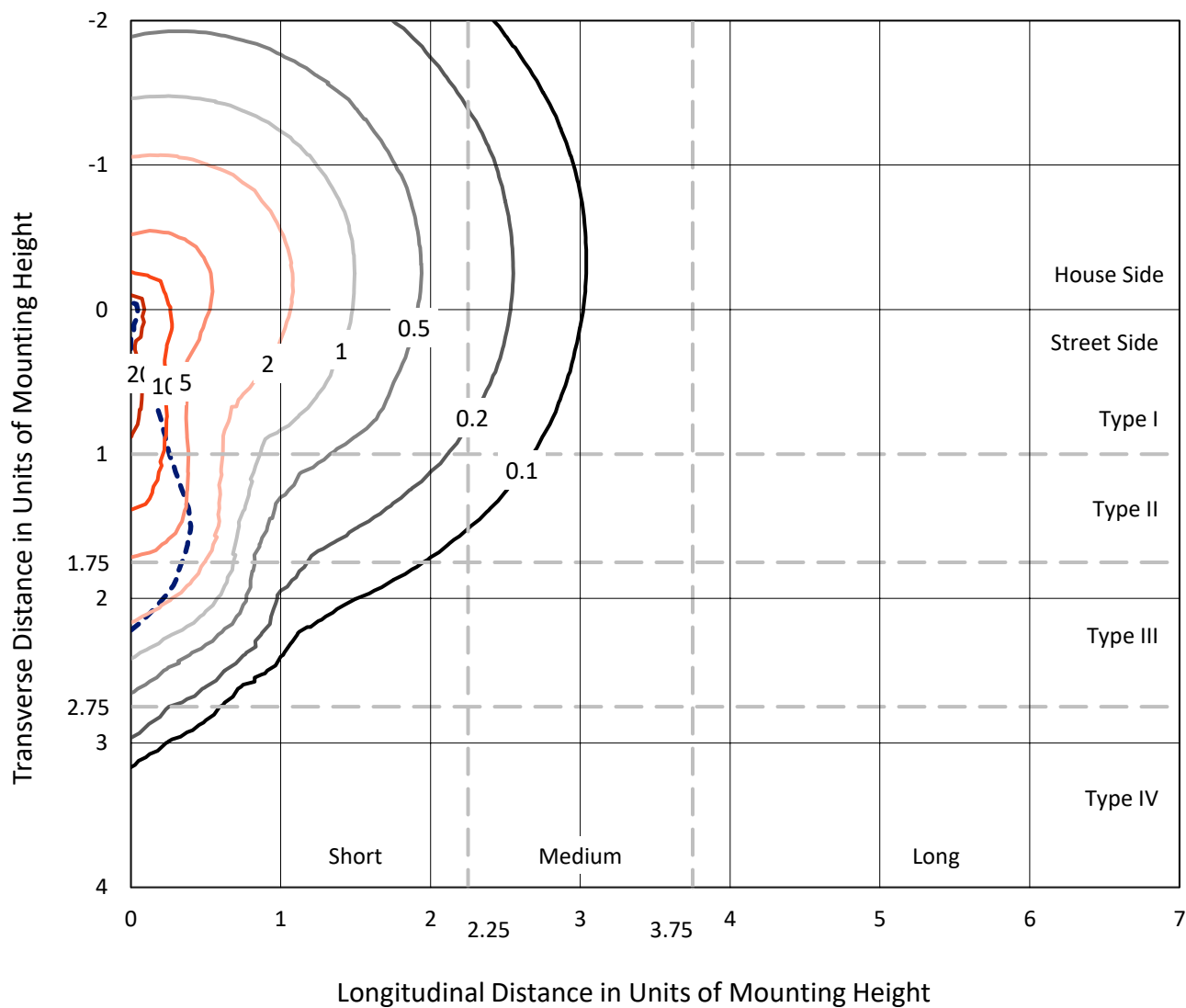
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

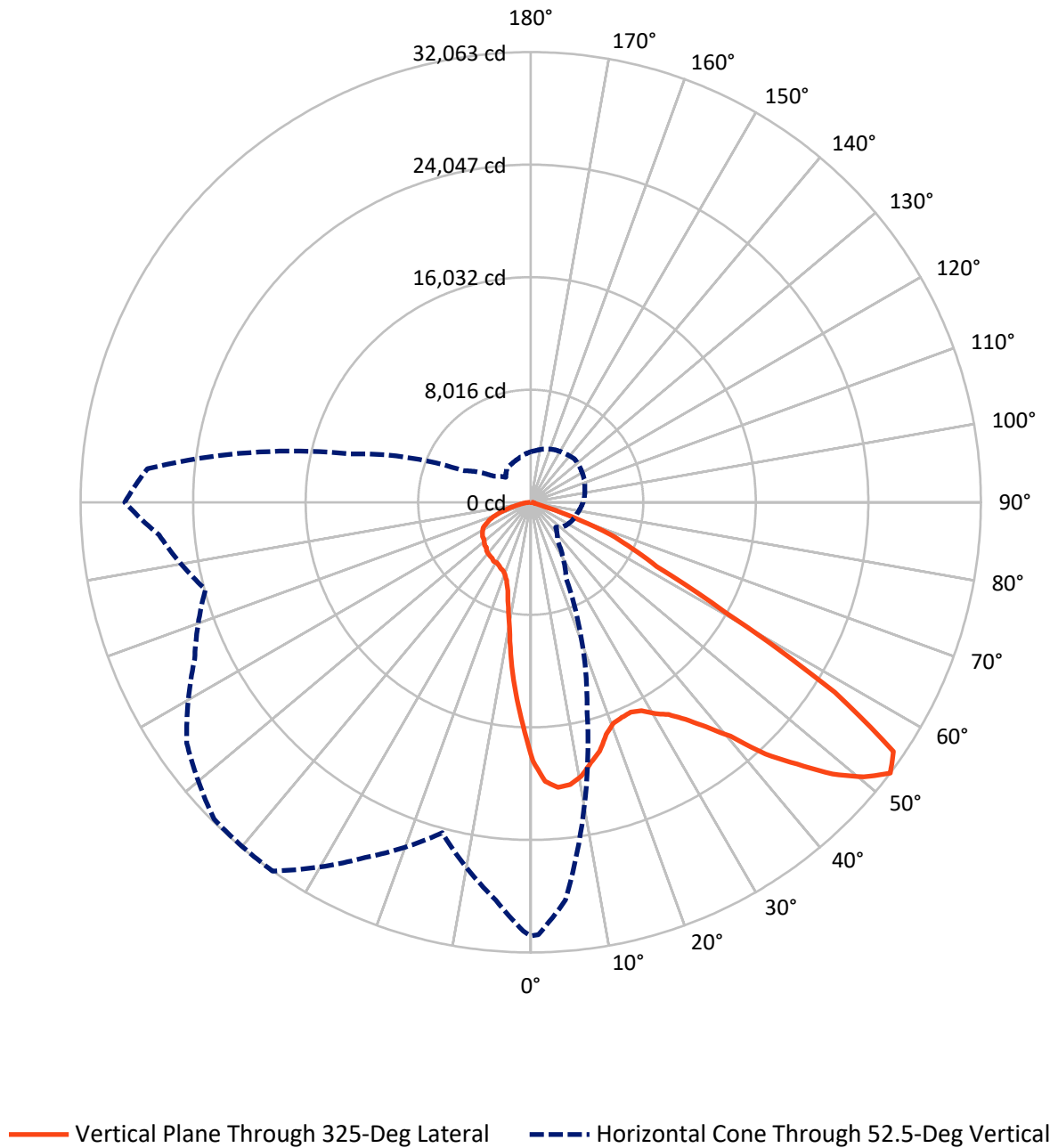
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 29.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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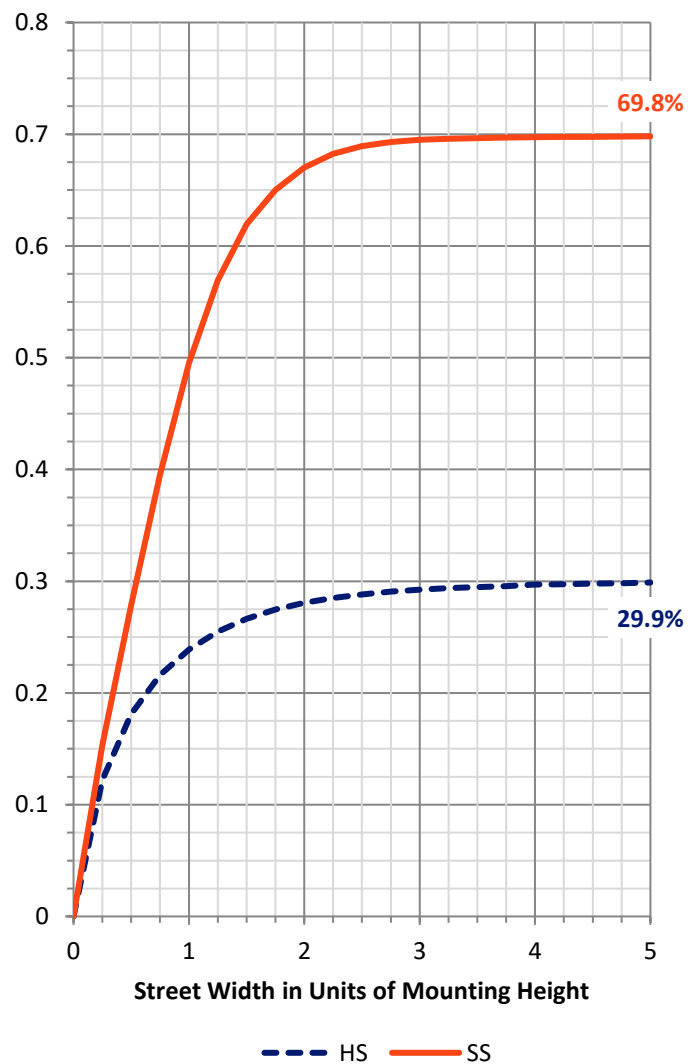
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12511.7	0.0	12511.7
	% Fixture	30.1	0.0	30.1
Street Side	Lumens	28992.3	0.0	28992.3
	% Fixture	69.9	0.0	69.9
Total	Lumens	41504.0	0.0	41504.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1405.3	3.4
10°-20°	3046.4	7.3
20°-30°	4602.9	11.1
30°-40°	6651.3	16.0
40°-50°	8851.7	21.3
50°-60°	9900.9	23.9
60°-70°	5580.1	13.4
70°-80°	1243.9	3.0
80°-90°	221.5	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°	41504.0	100.0
0°-180°	41504.0	100.0

Coefficient of Utilization



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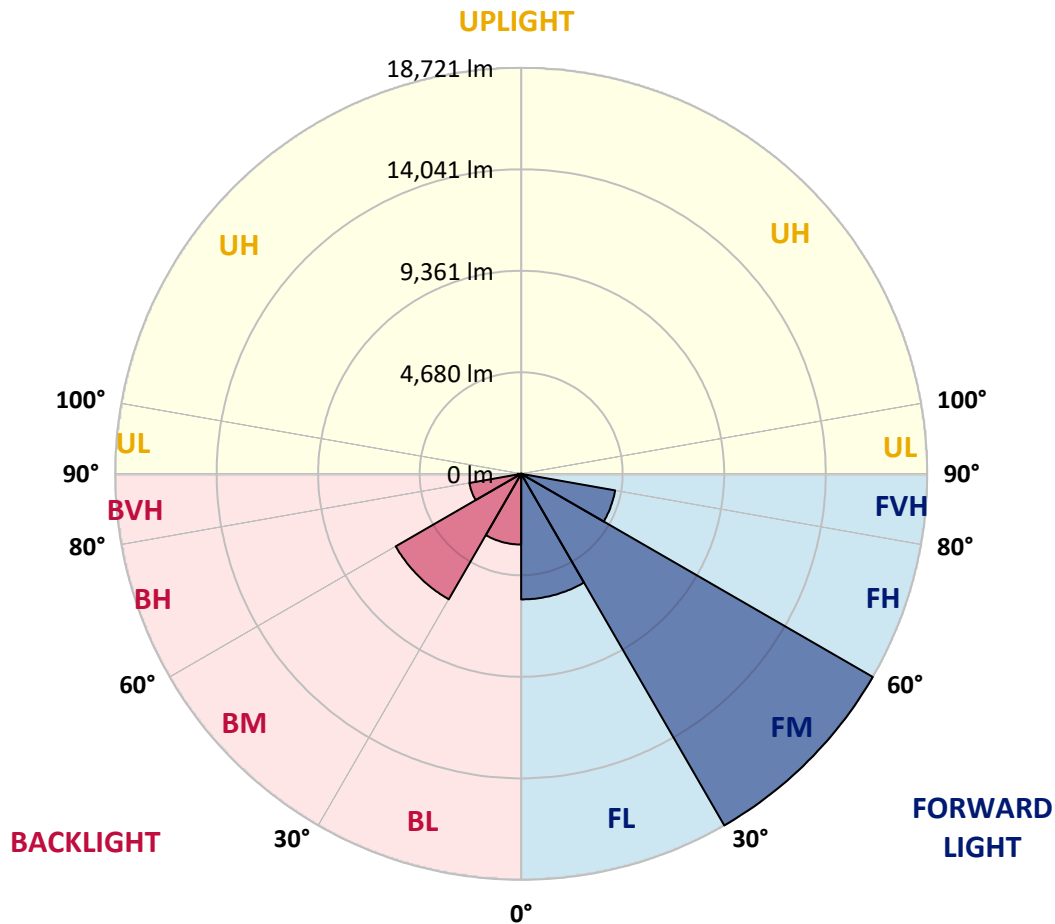
CATALOG NUMBER: GALN-SA9D-830-U-SLR-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5791.8	14.0			
FM	(30°-60°)	18721.5	45.1			
FH	(60°-80°)	4398.8	10.6			G2/5000
FVH	(80°-90°)	80.2	0.2			G1/100
BL	(0°-30°)	3262.8	7.9	B4/5000		
BM	(30°-60°)	6682.5	16.1	B4/8500		
BH	(60°-80°)	2425.2	5.8	B3/2500		G3/2500
BVH	(80°-90°)	141.3	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



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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7
2.5°	18726.5	19027.3	18702.5	18125.0	17715.9	17342.9	16951.9	16873.7	16362.4	16272.2	15899.2
5°	17661.8	17595.6	17198.6	16440.6	15604.4	14846.5	14287.0	13745.6	13378.7	12951.6	12921.5
7.5°	16368.4	15983.4	15754.8	14605.8	13571.2	12380.1	11868.8	11044.6	10785.9	10401.0	10202.4
10°	15213.4	14930.7	14395.3	13246.3	11802.6	11014.5	10467.1	10022.0	9721.2	9324.2	8824.9
12.5°	14641.9	14527.6	13926.1	12145.5	11074.7	10232.5	9847.5	9414.4	8903.1	8265.4	8018.8
15°	14744.2	14359.2	13902.0	11934.9	10455.1	9643.0	9029.4	8488.0	7832.3	7224.7	6869.8
17.5°	15508.2	15213.4	14299.1	12067.3	10220.5	9047.4	7934.6	7134.5	6545.0	5997.5	5750.9
20°	17012.1	16585.0	15556.3	12235.7	9715.2	8217.3	6942.0	5955.4	5323.8	5035.0	4950.8
22.5°	18678.4	18425.7	16783.5	12614.7	9312.1	7447.3	5889.3	4902.7	4668.1	4589.9	4746.3
25°	20705.7	20050.0	18690.4	13234.3	8999.3	6791.6	4999.0	4451.5	4331.2	4409.4	4589.9
27.5°	22245.6	22071.2	20025.9	13817.8	8572.2	6003.6	4499.7	4138.7	4174.8	4253.0	4421.5
30°	24074.4	23190.1	21319.2	14220.8	8187.2	5462.2	4150.8	4054.5	4090.6	4222.9	4307.2
32.5°	25175.2	24844.4	22131.3	14828.4	7742.1	4992.9	3880.1	3789.8	3844.0	4042.5	4241.0
35°	26576.9	25921.2	23136.0	14984.8	7429.3	4806.5	3687.6	3621.4	3747.7	3886.1	4108.6
37.5°	28213.1	27761.9	24525.6	14876.5	7260.8	4614.0	3525.1	3495.1	3585.3	3777.8	4036.5
40°	29181.6	29043.3	25253.4	14942.7	6996.1	4445.5	3338.7	3374.7	3561.2	3711.6	3964.3
42.5°	30114.0	29211.7	26330.2	14918.7	6827.7	4216.9	3356.7	3314.6	3459.0	3633.4	3874.0
45°	30318.6	29422.2	26582.9	14750.2	6623.2	3994.4	3218.3	3236.4	3410.8	3627.4	3783.8
47.5°	30186.2	29524.5	27052.1	14702.1	6430.7	3837.9	3013.8	3230.4	3332.6	3507.1	3729.7
50°	30096.0	30059.9	27449.1	14930.7	6172.0	3591.3	2767.2	3152.2	3254.4	3428.9	3669.5
52.5°	30890.0	30811.8	28441.7	15532.2	5967.5	3326.6	2514.5	2953.7	3200.3	3368.7	3603.3
55°	31371.3	31028.4	30144.1	16272.2	5624.6	2977.7	2340.1	2707.0	3067.9	3218.3	3459.0
57.5°	28219.1	27984.5	27268.7	15189.4	5047.1	2520.5	2123.5	2454.4	2887.5	3122.1	3368.7
60°	23478.8	23111.9	21277.1	12909.5	3723.6	1961.1	1991.2	2255.8	2839.4	2929.6	3218.3
62.5°	22137.4	21229.0	18732.5	10388.9	2857.4	1684.4	1786.6	2075.4	2586.7	2737.1	3025.8
65°	17565.5	16891.8	13402.7	7501.4	1913.0	1461.8	1630.2	1870.8	2231.8	2526.5	2791.2
67.5°	10996.5	10352.8	7152.5	3549.2	1335.5	1251.2	1455.8	1708.4	2003.2	2267.9	2562.6
70°	5744.9	5041.1	3302.6	1281.3	920.4	1022.6	1215.1	1455.8	1744.5	1961.1	2189.7
72.5°	2141.5	1738.5	1076.8	553.4	637.7	782.0	986.6	1161.0	1365.5	1630.2	1756.6
75°	330.9	282.7	276.7	336.9	433.1	565.5	703.8	878.3	1058.7	1227.2	1311.4
77.5°	156.4	150.4	168.4	222.6	288.7	403.0	511.3	679.8	824.1	932.4	980.5
80°	102.3	96.2	108.3	150.4	216.6	300.8	409.1	523.4	655.7	745.9	733.9
82.5°	60.2	66.2	66.2	102.3	150.4	216.6	294.8	397.0	487.3	565.5	517.3
85°	36.1	30.1	30.1	60.2	102.3	174.5	246.6	168.4	174.5	174.5	198.5
87.5°	12.0	12.0	12.0	6.0	12.0	12.0	18.0	30.1	36.1	42.1	54.1
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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CATALOG NUMBER: GALN-SA9D-830-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7
2.5°	15887.2	16073.7	16007.5	15772.9	15953.3	15983.4	15863.1	16278.2	16356.4	16230.1	16266.1
5°	12879.4	12927.5	13035.8	13264.4	13426.8	13619.3	13619.3	13631.3	13468.9	13878.0	13757.6
7.5°	10034.0	10064.1	10190.4	10677.7	10816.0	11183.0	11339.4	11231.1	10906.3	10767.9	10882.2
10°	8662.4	8488.0	8445.9	8506.0	8818.9	8975.3	9107.6	9071.5	9017.4	8909.1	8788.8
12.5°	7748.1	7621.7	7519.5	7375.1	7393.2	7543.5	7645.8	7561.6	7585.7	7609.7	7645.8
15°	6755.5	6665.3	6611.1	6394.6	6370.5	6472.8	6508.9	6557.0	6647.2	6653.2	6611.1
17.5°	5702.8	5624.6	5744.9	5865.2	5781.0	5787.0	5853.2	5895.3	5871.2	5762.9	5708.8
20°	4980.9	5065.1	5185.4	5299.7	5390.0	5444.1	5468.2	5402.0	5323.8	5101.2	5095.2
22.5°	4770.4	4878.6	4980.9	5155.4	5239.6	5377.9	5251.6	5101.2	4992.9	4884.7	4758.3
25°	4614.0	4704.2	4908.7	4974.9	5137.3	5251.6	5161.4	5011.0	4824.5	4668.1	4571.8
27.5°	4499.7	4601.9	4734.3	4914.7	5041.1	5107.2	5017.0	4956.8	4764.3	4577.9	4439.5
30°	4427.5	4535.8	4776.4	4926.8	5035.0	5089.2	4932.8	4860.6	4722.2	4565.8	4445.5
32.5°	4379.3	4475.6	4680.1	4872.6	4944.8	4944.8	4968.9	4884.7	4692.2	4427.5	4325.2
35°	4222.9	4355.3	4523.7	4746.3	4878.6	4956.8	4836.5	4740.3	4614.0	4343.3	4156.8
37.5°	4132.7	4222.9	4439.5	4650.0	4764.3	4848.6	4800.4	4632.0	4463.6	4241.0	4090.6
40°	4036.5	4180.8	4373.3	4571.8	4698.2	4782.4	4746.3	4547.8	4343.3	4132.7	4030.4
42.5°	3970.3	4066.5	4265.1	4487.6	4638.0	4800.4	4692.2	4445.5	4301.1	4012.4	3898.1
45°	3916.1	4072.6	4283.1	4373.3	4529.7	4698.2	4505.7	4355.3	4186.8	3976.3	3880.1
47.5°	3850.0	3994.4	4132.7	4373.3	4445.5	4523.7	4487.6	4247.0	4102.6	3874.0	3807.9
50°	3825.9	3880.1	4132.7	4265.1	4367.3	4445.5	4349.3	4168.8	4030.4	3795.8	3651.5
52.5°	3729.7	3831.9	3994.4	4168.8	4295.1	4391.4	4235.0	4120.7	3934.2	3687.6	3597.3
55°	3609.4	3669.5	3958.3	4138.7	4204.9	4271.1	4210.9	4024.4	3831.9	3579.3	3489.0
57.5°	3452.9	3591.3	3825.9	4078.6	4162.8	4198.9	4102.6	3952.2	3711.6	3489.0	3344.7
60°	3290.5	3434.9	3693.6	3898.1	3982.3	4114.7	3970.3	3880.1	3603.3	3356.7	3200.3
62.5°	3128.1	3290.5	3483.0	3741.7	3813.9	3868.0	3831.9	3705.6	3483.0	3206.3	3013.8
65°	2935.6	3055.9	3296.5	3428.9	3477.0	3603.3	3477.0	3428.9	3230.4	2965.7	2803.3
67.5°	2646.9	2749.1	2959.7	3086.0	3122.1	3176.2	3170.2	3116.1	2893.5	2713.0	2568.7
70°	2316.0	2406.2	2538.6	2689.0	2707.0	2773.2	2713.0	2701.0	2556.6	2310.0	2231.8
72.5°	1858.8	1943.0	2117.5	2183.7	2189.7	2213.7	2183.7	2141.5	2105.5	1846.8	1768.6
75°	1425.7	1473.8	1558.0	1618.2	1618.2	1648.3	1630.2	1588.1	1491.9	1329.4	1251.2
77.5°	992.6	1040.7	1149.0	1185.1	1179.1	1191.1	1136.9	1094.8	950.5	866.2	800.1
80°	721.9	751.9	806.1	830.2	836.2	854.2	788.0	751.9	667.7	571.5	541.4
82.5°	523.4	541.4	547.4	577.5	577.5	547.4	529.4	493.3	433.1	373.0	348.9
85°	216.6	222.6	228.6	264.7	270.7	324.8	300.8	282.7	246.6	210.5	192.5
87.5°	54.1	60.2	78.2	66.2	78.2	78.2	84.2	96.2	96.2	78.2	78.2
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°	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7
2.5°	16404.5	16452.6	17066.2	17144.4	17445.2	17752.0	18371.6	18816.8	19177.7	19412.3	19478.5
5°	13884.0	14190.8	14473.5	14930.7	15345.8	15935.3	16615.1	17457.2	18516.0	19057.4	19273.9
7.5°	10870.2	11231.1	11640.2	12085.3	12692.9	13751.6	14660.0	15634.5	16988.0	17547.5	18395.7
10°	8873.0	9276.0	9817.4	10160.3	10894.2	11904.8	12963.6	14088.5	15381.9	16187.9	17168.5
12.5°	7844.3	8175.2	8674.5	9396.3	9943.8	10599.5	11387.5	12807.2	14660.0	15424.0	16097.7
15°	6707.4	7074.3	7651.8	8451.9	9107.6	9889.6	10773.9	12319.9	14293.0	15472.1	16043.6
17.5°	5768.9	6033.6	6641.2	7333.0	8085.0	8939.2	10208.5	12295.9	14678.0	16187.9	17120.4
20°	5119.3	5155.4	5486.2	6075.7	7098.4	8211.3	9859.5	12175.6	15911.2	17421.1	18600.2
22.5°	4710.2	4674.1	4680.1	5179.4	5895.3	7495.4	9312.1	12584.6	17312.9	19382.2	20176.3
25°	4505.7	4409.4	4349.3	4457.6	5107.2	6647.2	8897.1	13126.0	18822.8	21000.4	21974.9
27.5°	4397.4	4229.0	4108.6	4126.7	4601.9	6220.1	8638.4	13360.6	20320.7	23256.3	23599.2
30°	4355.3	4144.7	3970.3	3910.1	4222.9	5624.6	8085.0	13763.7	21662.1	24495.5	24790.2
32.5°	4204.9	3946.2	3777.8	3723.6	3850.0	5101.2	7687.9	14052.4	22847.2	25843.0	25740.7
35°	4030.4	3813.9	3603.3	3501.1	3591.3	4764.3	7369.1	13914.1	24242.8	26889.7	26835.5
37.5°	4012.4	3729.7	3555.2	3386.8	3380.8	4349.3	6936.0	14046.4	25133.1	28766.5	28026.6
40°	3856.0	3675.5	3446.9	3308.6	3230.4	4138.7	6514.9	13733.6	26438.5	29524.5	28796.6
42.5°	3862.0	3591.3	3392.8	3230.4	3152.2	3831.9	6226.1	13649.4	26895.7	30757.7	29157.6
45°	3765.8	3501.1	3332.6	3140.1	3098.0	3597.3	5949.4	13258.4	27701.8	30817.9	28706.4
47.5°	3669.5	3434.9	3254.4	3025.8	2929.6	3513.1	5732.9	12933.5	27280.7	30252.4	28080.8
50°	3603.3	3332.6	3164.2	3001.8	2731.1	3368.7	5450.1	12855.3	26691.2	29488.4	26919.8
52.5°	3489.0	3248.4	3074.0	2947.6	2514.5	3236.4	5341.8	13312.5	27413.0	28916.9	26582.9
55°	3380.8	3134.1	2911.5	2664.9	2334.0	2887.5	5041.1	13739.6	28465.8	30234.3	28110.8
57.5°	3266.5	3031.9	2791.2	2496.5	2159.6	2526.5	4728.3	13817.8	26492.6	27942.4	26685.1
60°	3116.1	2815.3	2634.8	2249.8	1973.1	2093.4	3747.7	12181.6	20549.2	23334.5	23376.6
62.5°	2947.6	2622.8	2466.4	2015.2	1780.6	1804.7	3055.9	10238.5	16669.2	19316.1	20465.0
65°	2725.1	2412.3	2225.8	1864.8	1642.3	1564.1	2237.8	7501.4	12662.8	15670.6	16976.0
67.5°	2436.3	2141.5	1906.9	1624.2	1467.8	1341.5	1528.0	4222.9	7477.4	10521.3	10918.3
70°	2129.5	1876.9	1630.2	1395.6	1221.2	1130.9	1118.9	1870.8	3573.3	5660.7	6442.7
72.5°	1678.3	1497.9	1299.4	1124.9	1010.6	878.3	800.1	776.0	1209.1	2304.0	3182.2
75°	1203.1	1052.7	938.4	824.1	739.9	667.7	607.6	553.4	505.3	577.5	794.1
77.5°	758.0	703.8	613.6	583.5	535.4	517.3	493.3	463.2	427.1	403.0	403.0
80°	511.3	475.2	445.2	439.1	421.1	415.1	421.1	391.0	354.9	324.8	336.9
82.5°	342.9	336.9	330.9	324.8	330.9	336.9	348.9	342.9	312.8	294.8	300.8
85°	204.5	216.6	228.6	240.6	264.7	234.6	192.5	162.4	144.4	132.3	126.3
87.5°	78.2	108.3	96.2	90.2	96.2	90.2	84.2	78.2	66.2	60.2	60.2
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7	18419.7
2.5°	19917.6	20037.9	20140.2	20116.1	19905.6	19622.8	19508.6	18925.0	18804.7	18726.5
5°	20188.3	20886.1	21036.5	20946.3	20398.9	19707.1	19033.3	18179.1	17679.8	17661.8
7.5°	19689.0	20549.2	20819.9	21024.5	20296.6	19093.5	17938.5	16657.2	16344.4	16368.4
10°	18419.7	19791.3	20459.0	20669.6	19833.4	18792.7	17192.6	15893.2	15225.5	15213.4
12.5°	17715.9	18792.7	18979.2	19273.9	19027.3	17974.6	16759.4	15303.7	14654.0	14641.9
15°	17090.3	17800.1	17854.3	18269.3	18401.7	17691.8	16873.7	15321.7	14798.3	14744.2
17.5°	17637.7	17144.4	16939.9	16994.0	17385.0	17643.7	17535.4	16344.4	15809.0	15508.2
20°	18004.7	16903.8	16284.2	16344.4	16807.6	17752.0	18522.0	17824.2	16976.0	17012.1
22.5°	18985.2	16939.9	15971.4	15905.2	16639.1	18317.5	19634.9	19695.0	18876.9	18678.4
25°	20453.0	17355.0	15875.1	15857.1	16560.9	18925.0	20934.2	21908.8	21072.6	20705.7
27.5°	21632.1	18004.7	16175.9	16236.1	16807.6	19418.3	22041.1	23334.5	22696.8	22245.6
30°	22666.7	18678.4	16597.0	16320.3	17469.3	19677.0	22516.3	24958.7	24447.3	24074.4
32.5°	23093.8	19634.9	17264.7	16807.6	18016.7	19989.8	23502.9	26534.8	26095.6	25175.2
35°	23815.7	20170.3	17625.7	17589.6	18973.2	20741.7	23966.1	27575.5	27395.0	26576.9
37.5°	24393.2	20711.7	18907.0	18510.0	20284.6	22005.0	24712.0	29013.2	28598.1	28213.1
40°	24838.4	21680.2	20104.1	20627.5	21896.7	23154.0	25397.8	29103.4	30300.5	29181.6
42.5°	24429.3	22546.4	22071.2	23322.4	24525.6	24465.4	25476.0	29801.2	30697.5	30114.0
45°	24327.0	24014.2	25181.3	26318.2	26594.9	25554.2	24916.6	29031.2	30577.2	30318.6
47.5°	24080.4	25458.0	27491.2	29344.0	28922.9	26282.1	24248.8	28892.9	30649.4	30186.2
50°	23996.2	25770.8	29199.7	31004.3	30751.7	26913.7	23936.0	28002.6	30138.1	30096.0
52.5°	23990.2	26414.4	29909.5	31906.7	32063.1	27912.3	24363.1	28453.7	30535.1	30890.0
55°	24260.9	26209.9	29819.3	31407.4	31347.2	27467.2	24411.3	28754.5	31022.4	31371.3
57.5°	22883.3	23478.8	24609.8	25867.0	25542.2	22751.0	21800.5	26582.9	28471.8	28219.1
60°	19761.2	17896.4	16621.1	16560.9	15929.3	15057.0	17842.2	23725.5	23725.5	23478.8
62.5°	17306.8	11748.4	10094.2	9624.9	10076.1	11080.7	17210.6	23075.8	22420.1	22137.4
65°	15135.2	8969.2	7296.9	7164.6	7946.6	9462.5	15562.3	19658.9	18503.9	17565.5
67.5°	9739.2	6569.0	5426.1	5191.5	6135.9	6948.0	10358.8	12091.3	11363.4	10996.5
70°	6280.3	4277.1	3019.8	2833.3	3200.3	4283.1	6617.1	7050.3	5991.5	5744.9
72.5°	2971.7	1846.8	1058.7	872.3	980.5	1636.2	2616.8	2815.3	2340.1	2141.5
75°	944.4	679.8	433.1	373.0	354.9	421.1	601.6	463.2	336.9	330.9
77.5°	421.1	403.0	342.9	288.7	252.7	210.5	174.5	144.4	150.4	156.4
80°	348.9	318.8	282.7	252.7	210.5	162.4	126.3	96.2	96.2	102.3
82.5°	306.8	276.7	246.6	210.5	180.5	132.3	96.2	66.2	60.2	60.2
85°	132.3	156.4	168.4	180.5	144.4	108.3	66.2	42.1	36.1	36.1
87.5°	54.1	48.1	42.1	36.1	30.1	30.1	24.1	18.0	12.0	12.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)