

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: P457687

Luminaire Tested: **GALN-SA9A-740-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P457687
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: MCGRAW-EDISON
Catalog Number: GALN-SA9A-740-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 4000K, 615mA 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: 35736 lumens
Efficiency: N/A
Efficacy: 130.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

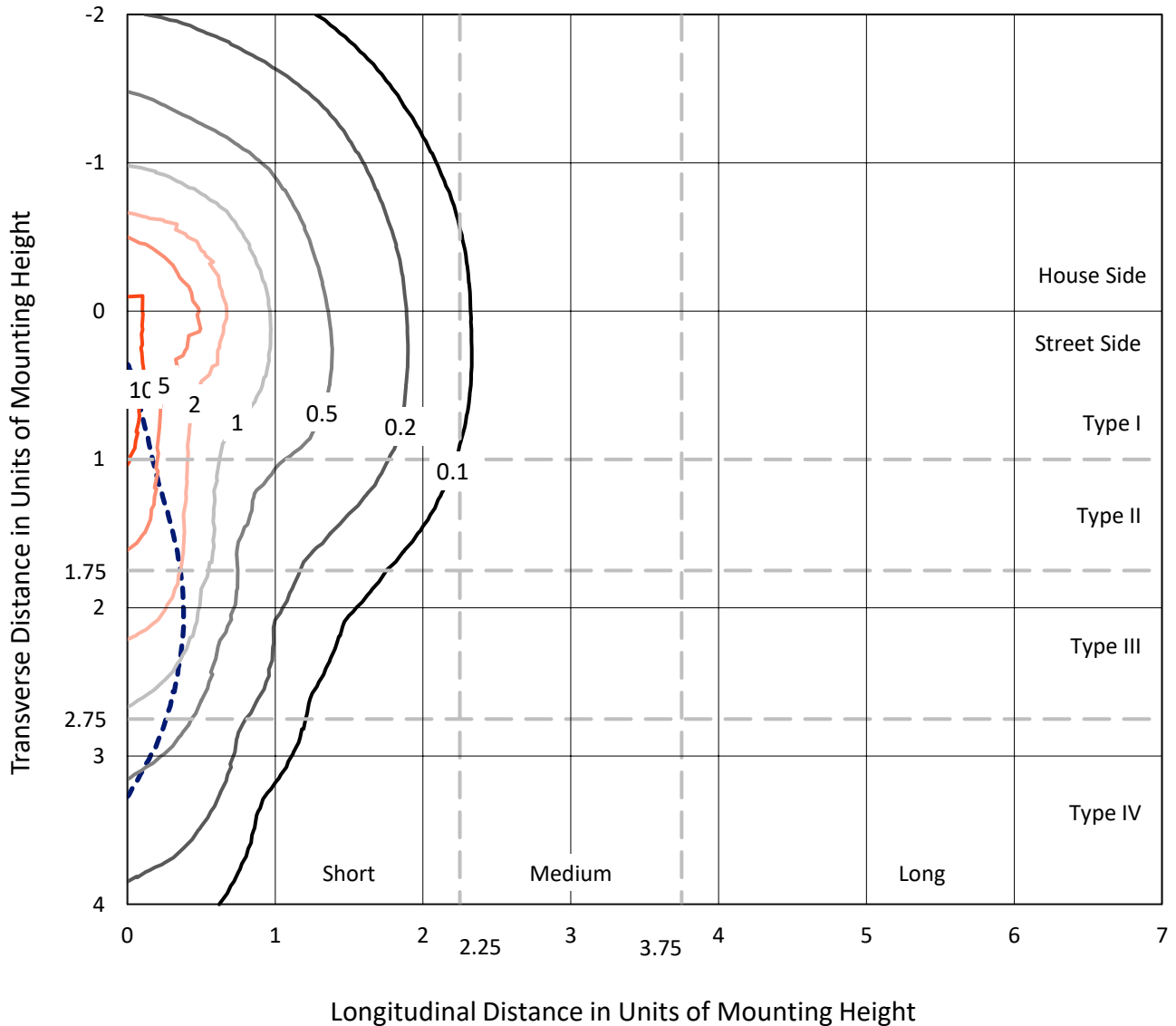
Input Watts (W): 274
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

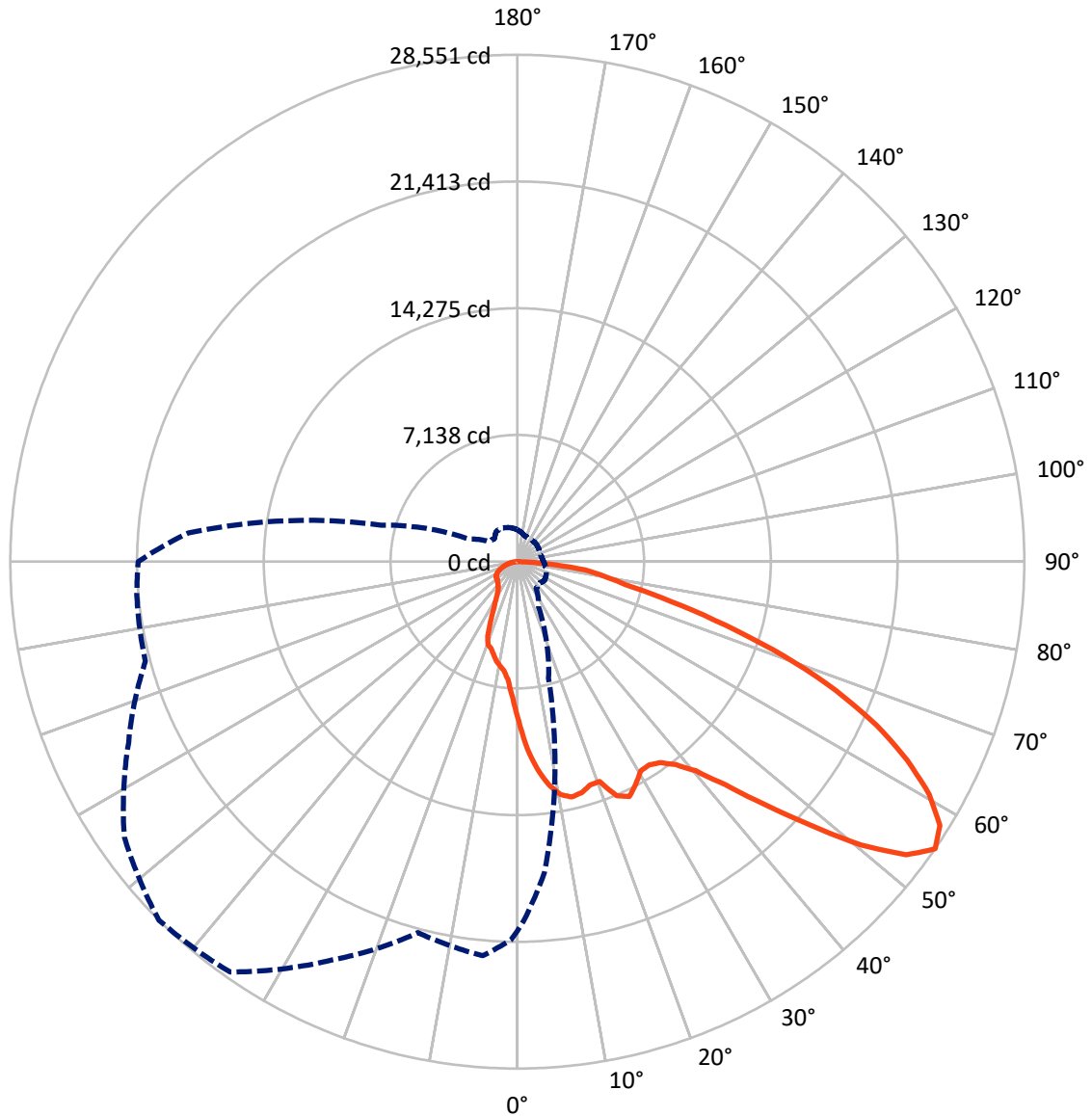
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15.4 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	7817.1	0.0	7817.1
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	27918.9	0.0	27918.9
	% Fixture	78.1	0.0	78.1
Total	Lumens	35736.0	0.0	35736.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	760.1	2.1
10°-20°	2016.5	5.6
20°-30°	3483.7	9.7
30°-40°	4048.6	11.3
40°-50°	5648.6	15.8
50°-60°	7664.5	21.4
60°-70°	7291.9	20.4
70°-80°	3939.3	11.0
80°-90°	882.9	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°	35736.0	100.0
0°-180°	35736.0	100.0

Coefficient of Utilization



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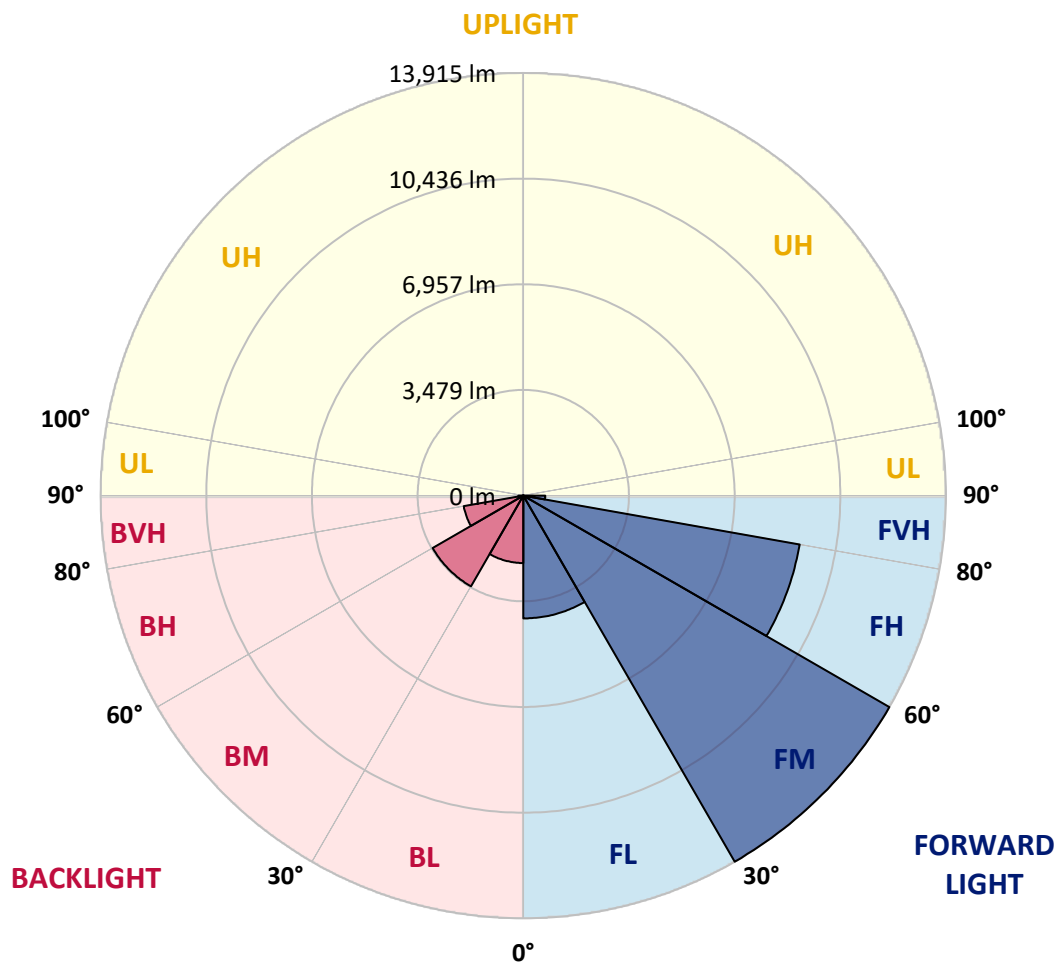
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4041.8	11.3			
FM	(30°-60°)	13914.8	38.9			
FH	(60°-80°)	9240.7	25.9			G4/12000
FVH	(80°-90°)	721.5	2.0			G4/750
BL	(0°-30°)	2218.5	6.2	B3/2500		
BM	(30°-60°)	3446.8	9.6	B3/5000		
BH	(60°-80°)	1990.4	5.6	B3/2500		G3/2500
BVH	(80°-90°)	161.3	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3
2.5°	9963.3	9925.5	9819.4	9541.2	9260.7	8975.4	8756.2	8482.7	8197.4	8044.2	7848.5
5°	10100.0	10057.6	9807.6	9180.5	8612.3	8015.9	7539.6	7122.3	6952.6	6702.7	6502.3
7.5°	9779.4	9760.5	9385.6	8485.0	7707.0	6926.7	6386.8	6052.0	5747.8	5634.7	5658.3
10°	9487.0	9411.6	8942.4	7766.0	6858.3	6224.1	5837.4	5509.7	5295.2	5238.6	5250.4
12.5°	9244.2	9142.8	8588.8	7282.7	6488.1	5981.3	5488.5	5146.7	4951.0	5005.2	5189.1
15°	9194.7	9057.9	8440.2	7117.6	6285.4	5632.3	5092.4	4698.7	4552.5	4670.4	4965.1
17.5°	9515.3	9343.2	8694.9	7171.8	6092.1	5276.3	4613.8	4163.5	4040.9	4229.5	4613.8
20°	10545.6	10291.0	9489.4	7485.4	6073.2	5099.5	4335.6	3883.0	3934.8	4293.2	4694.0
22.5°	12450.5	12068.6	10880.4	7942.8	6172.2	5054.7	4279.1	4043.3	4328.6	4632.7	4896.8
25°	12827.7	12528.3	11130.3	8046.5	6151.0	5024.1	4439.4	4557.3	4875.5	5026.4	4934.5
27.5°	13039.9	12698.1	11113.8	7532.6	5500.3	4557.3	4243.7	4439.4	4519.5	4373.4	4123.5
30°	13535.0	13179.0	11394.3	6992.7	4529.0	3380.8	2963.5	2883.4	2937.6	2965.9	2876.3
32.5°	14216.4	13865.1	11922.4	6639.0	3916.0	2796.1	2385.9	2272.7	2246.8	2216.2	2180.8
35°	15098.1	14558.2	12441.1	6412.7	3663.7	2586.3	2209.1	2121.8	2086.5	2044.0	2006.3
37.5°	15994.0	15428.2	13096.5	6174.6	3496.3	2440.1	2091.2	2051.1	1989.8	1945.0	1890.8
40°	16946.5	16312.3	13693.0	5967.1	3333.7	2345.8	2006.3	2001.6	1921.5	1869.6	1805.9
42.5°	17771.6	17118.6	14225.8	5839.8	3208.7	2246.8	1954.5	1968.6	1886.1	1808.3	1725.8
45°	18427.1	17785.8	14718.5	5839.8	3107.3	2147.8	1945.0	1935.6	1853.1	1756.4	1662.1
47.5°	19002.3	18339.8	15199.5	5988.3	3043.7	2065.3	1893.2	1909.7	1824.8	1702.2	1610.2
50°	19447.9	18863.2	15847.8	6219.4	2980.0	1999.3	1827.1	1916.7	1801.2	1673.9	1567.8
52.5°	20016.1	19492.7	16628.2	6535.3	2925.8	1926.2	1768.2	1916.7	1798.9	1676.3	1560.7
55°	20803.5	20251.9	17568.9	6797.0	2838.6	1857.8	1716.3	1862.5	1791.8	1664.5	1541.9
57.5°	21355.2	20942.6	18233.7	6971.4	2713.6	1770.6	1669.2	1810.6	1761.1	1619.7	1485.3
58°	21381.1	20978.0	18330.4	7011.5	2683.0	1754.1	1657.4	1787.1	1747.0	1600.8	1466.4
60°	21084.1	20737.5	18349.3	6954.9	2508.5	1671.5	1596.1	1690.4	1671.5	1490.0	1365.1
62.5°	20004.3	19634.2	17587.8	6495.2	2277.4	1570.2	1501.8	1560.7	1518.3	1334.4	1218.9
65°	18469.5	17788.2	16022.3	5773.8	2112.4	1461.7	1374.5	1379.2	1334.4	1202.4	1101.0
67.5°	16425.5	15663.9	13565.7	4866.1	1987.5	1341.5	1223.6	1211.8	1157.6	1072.7	990.2
70°	13909.9	13388.9	11024.2	3958.4	1848.4	1209.5	1053.9	1046.8	1013.8	950.1	877.0
72.5°	11274.1	10611.6	8902.3	3168.6	1678.6	1082.1	895.9	910.0	867.6	822.8	756.8
75°	8320.0	7886.2	6881.9	2541.5	1449.9	943.0	747.4	752.1	733.2	686.1	634.2
77.5°	5479.1	5349.4	4922.7	1669.2	1115.1	749.7	610.6	615.3	601.2	558.8	504.5
80°	3687.3	3600.1	3336.0	1075.1	745.0	542.2	471.5	476.2	473.9	429.1	356.0
82.5°	2272.7	2235.0	2150.1	726.1	516.3	389.0	311.2	325.3	351.3	301.8	242.8
85°	1072.7	1075.1	1299.0	396.1	304.1	249.9	169.7	181.5	181.5	181.5	136.7
87.5°	139.1	146.2	179.2	167.4	110.8	94.3	61.3	51.9	44.8	58.9	42.4
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°	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3
2.5°	7780.1	7733.0	7631.6	7608.0	7593.9	7633.9	7527.8	7556.1	7509.0	7641.0	7619.8
5°	6514.1	6518.8	6601.3	6655.5	6674.4	6655.5	6584.8	6462.2	6367.9	6330.2	6339.6
7.5°	5613.5	5696.0	5837.4	5995.4	6139.2	6181.6	6141.6	5908.2	5653.5	5493.2	5441.4
10°	5314.0	5424.9	5587.5	5712.5	5839.8	5941.2	5962.4	5780.9	5479.1	5099.5	4951.0
12.5°	5330.6	5481.4	5637.0	5677.1	5665.3	5705.4	5686.6	5655.9	5457.9	4974.6	4727.0
15°	5174.9	5354.1	5462.6	5441.4	5403.6	5368.3	5318.8	5241.0	5170.2	4830.7	4557.3
17.5°	4816.6	5000.5	5090.1	5097.1	5097.1	5087.7	4967.5	4939.2	4929.8	4764.7	4597.3
20°	4882.6	4984.0	4943.9	4877.9	4896.8	4960.4	4889.7	4875.5	4929.8	5002.8	4972.2
22.5°	4920.3	4885.0	4583.2	4290.8	4224.8	4422.9	4463.0	4620.9	4840.2	5104.2	5276.3
25°	4686.9	4401.7	3861.8	3531.7	3345.4	3529.3	3769.8	4062.2	4389.9	4729.4	4929.8
27.5°	3918.3	3701.4	3314.8	3017.7	2855.1	2883.4	3088.5	3354.9	3659.0	3887.7	4033.9
30°	2951.7	2855.1	2654.7	2553.3	2454.3	2430.7	2517.9	2619.3	2753.7	2782.0	2819.7
32.5°	2173.7	2159.6	2171.4	2138.4	2119.5	2117.1	2091.2	2114.8	2128.9	2145.4	2112.4
35°	1966.2	1947.4	1914.4	1904.9	1893.2	1897.9	1886.1	1874.3	1883.7	1897.9	1907.3
37.5°	1860.2	1831.9	1784.7	1768.2	1768.2	1775.3	1756.4	1751.7	1768.2	1813.0	1836.6
40°	1777.6	1744.6	1690.4	1669.2	1683.3	1702.2	1676.3	1666.8	1706.9	1754.1	1791.8
42.5°	1699.8	1673.9	1622.0	1598.5	1610.2	1645.6	1607.9	1600.8	1652.7	1704.6	1749.3
45°	1633.8	1607.9	1560.7	1548.9	1553.7	1586.7	1560.7	1560.7	1610.2	1666.8	1706.9
47.5°	1582.0	1548.9	1518.3	1508.9	1513.6	1532.4	1527.7	1527.7	1574.9	1633.8	1673.9
50°	1530.1	1501.8	1461.7	1466.4	1478.2	1504.2	1501.8	1508.9	1556.0	1629.1	1671.5
52.5°	1506.5	1464.1	1419.3	1424.0	1459.4	1490.0	1480.6	1487.7	1541.9	1678.6	1739.9
55°	1480.6	1424.0	1372.1	1379.2	1419.3	1464.1	1452.3	1461.7	1525.4	1711.6	1796.5
57.5°	1431.1	1365.1	1308.5	1313.2	1372.1	1419.3	1400.4	1412.2	1487.7	1676.3	1765.8
58°	1409.8	1353.3	1299.0	1301.4	1358.0	1409.8	1388.6	1398.1	1475.9	1666.8	1751.7
60°	1320.3	1287.3	1240.1	1242.5	1296.7	1341.5	1329.7	1339.1	1414.6	1598.5	1662.1
62.5°	1197.7	1178.8	1167.0	1167.0	1200.0	1242.5	1254.2	1266.0	1334.4	1445.2	1501.8
65°	1065.6	1065.6	1068.0	1068.0	1089.2	1143.4	1150.5	1181.2	1244.8	1299.0	1341.5
67.5°	976.0	971.3	976.0	964.3	973.7	1006.7	1042.1	1070.4	1136.4	1174.1	1188.2
70°	860.5	858.2	860.5	844.0	855.8	884.1	907.7	954.8	1023.2	1051.5	1058.6
72.5°	747.4	747.4	752.1	740.3	740.3	770.9	787.4	839.3	903.0	919.5	921.8
75°	629.5	636.6	636.6	620.1	624.8	643.6	664.8	707.3	766.2	778.0	778.0
77.5°	499.8	525.7	525.7	509.2	516.3	518.7	547.0	568.2	613.0	617.7	598.8
80°	363.1	389.0	410.2	396.1	407.9	393.7	410.2	424.4	469.2	447.9	417.3
82.5°	259.3	278.2	294.7	297.1	285.3	259.3	280.6	282.9	304.1	275.8	259.3
85°	143.8	160.3	181.5	172.1	153.2	136.7	143.8	148.5	146.2	139.1	129.7
87.5°	37.7	40.1	44.8	33.0	30.6	25.9	35.4	35.4	40.1	42.4	40.1
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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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3
2.5°	7636.3	7740.0	7964.0	8133.7	8341.2	8593.5	8890.5	9190.0	9512.9	9614.3	9755.8
5°	6318.4	6577.7	6686.2	6995.0	7301.5	7761.2	8251.6	8819.8	9442.2	9741.6	10029.3
7.5°	5398.9	5538.0	5651.2	5877.5	6245.3	6804.1	7419.4	8129.0	9010.8	9446.9	9868.9
10°	4903.8	4918.0	5057.1	5337.6	5658.3	6151.0	6733.3	7527.8	8511.0	9041.4	9536.5
12.5°	4576.1	4514.8	4665.7	4958.0	5321.1	5776.1	6311.3	7068.1	8150.3	8694.9	9293.7
15°	4288.5	4191.8	4305.0	4604.4	4962.8	5497.9	6073.2	6874.8	8008.8	8643.0	9307.8
17.5°	4295.6	4029.2	4069.2	4321.5	4677.5	5222.1	5920.0	6867.7	8223.3	8954.2	9741.6
20°	4826.0	4399.3	4217.8	4264.9	4609.1	5203.2	5990.7	7197.8	8928.3	9993.9	10835.6
22.5°	5347.1	5090.1	4797.7	4701.1	4889.7	5512.1	6441.0	7978.1	10460.7	12066.2	13586.9
25°	5165.5	5384.8	5311.7	5174.9	5217.4	5733.7	6747.5	8619.4	11651.3	13459.6	14888.3
27.5°	4132.9	4531.3	4611.5	4609.1	4625.6	5050.0	6068.5	8188.0	11799.8	13726.0	15091.0
30°	2904.6	2939.9	2982.4	3064.9	3140.3	3519.9	4748.2	7188.3	11733.8	13846.2	15213.6
32.5°	2095.9	2143.1	2202.0	2315.2	2494.3	2977.7	4154.1	6870.1	12082.7	14343.7	15572.0
35°	1916.7	1971.0	2027.5	2157.2	2327.0	2774.9	3918.3	6738.0	12655.6	15150.0	16215.6
37.5°	1860.2	1921.5	1971.0	2065.3	2202.0	2628.7	3703.8	6648.5	13242.7	16003.4	17078.5
40°	1820.1	1890.8	1930.9	2006.3	2100.6	2494.3	3512.8	6577.7	13810.9	16783.8	17771.6
42.5°	1784.7	1857.8	1909.7	1963.9	2041.7	2374.1	3343.1	6507.0	14303.6	17540.6	18462.4
45°	1742.3	1834.2	1900.2	1942.7	2011.0	2272.7	3213.4	6450.4	14864.7	18212.5	19160.3
47.5°	1706.9	1808.3	1890.8	1940.3	1966.2	2202.0	3109.7	6528.2	15539.0	18915.1	19808.6
50°	1709.3	1805.9	1909.7	1987.5	1919.1	2143.1	3046.0	6837.1	16416.0	19749.7	20320.2
52.5°	1784.7	1902.6	1985.1	2004.0	1853.1	2072.3	3013.0	7377.0	17453.4	20487.6	20836.5
55°	1869.6	1992.2	2081.8	2070.0	1817.7	1982.7	3005.9	7952.2	18589.7	21348.1	21508.5
57.5°	1838.9	2018.1	2154.9	2093.6	1820.1	1895.5	2975.3	8416.7	19539.9	21991.8	22173.3
58°	1829.5	2008.7	2164.3	2088.8	1813.0	1869.6	2968.2	8456.7	19671.9	22036.6	22267.6
60°	1737.6	1926.2	2157.2	2053.5	1772.9	1798.9	2890.4	8586.4	19636.5	21805.5	22324.2
62.5°	1570.2	1725.8	1994.5	1881.4	1650.3	1704.6	2716.0	8426.1	18679.3	20692.7	21496.7
65°	1381.6	1497.1	1676.3	1655.0	1475.9	1607.9	2477.8	7791.9	16762.6	18886.8	19733.2
67.5°	1240.1	1334.4	1447.6	1416.9	1327.3	1478.2	2220.9	6719.2	14612.5	16717.8	17783.4
70°	1096.3	1169.4	1226.0	1204.7	1176.4	1350.9	1992.2	5453.1	12551.9	14657.2	15689.9
72.5°	950.1	1018.5	1065.6	1035.0	1018.5	1216.5	1805.9	4231.9	9913.7	12092.2	13419.5
75°	794.5	862.9	895.9	860.5	851.1	1072.7	1530.1	3161.6	7438.3	9322.0	10467.8
77.5°	615.3	688.4	730.9	719.1	723.8	881.7	1235.4	2164.3	5318.8	6353.8	7560.8
80°	431.4	511.6	539.9	528.1	561.1	671.9	872.3	1374.5	3668.4	4123.5	4974.6
82.5°	266.4	341.9	346.6	358.4	381.9	497.5	657.8	837.0	2303.4	2381.2	2998.9
85°	134.4	162.7	174.5	193.3	214.5	304.1	374.9	518.7	1482.9	1122.2	1676.3
87.5°	44.8	47.2	56.6	70.7	87.2	125.0	160.3	212.2	367.8	202.8	518.7
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: P457687

CATALOG NUMBER: GALN-SA9A-740-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3	8968.3
2.5°	10041.1	10241.4	10387.6	10522.0	10392.3	10380.5	10253.2	10048.1	9963.3	9963.3
5°	10632.8	11102.0	11481.5	11724.4	11620.6	11370.7	10958.2	10432.4	10149.5	10100.0
7.5°	10795.5	11722.0	12427.0	12676.9	12502.4	11950.7	11160.9	10274.5	9868.9	9779.4
10°	10696.5	11901.2	12936.2	13332.3	13089.4	12254.8	11177.4	10090.6	9590.7	9487.0
12.5°	10592.7	11924.8	13030.5	13603.4	13445.4	12500.0	11297.7	9970.3	9392.7	9244.2
15°	10668.2	11934.2	12915.0	13506.7	13608.1	12794.7	11495.7	10057.6	9352.6	9194.7
17.5°	11144.4	12113.4	12749.9	13228.5	13584.5	13195.5	12059.2	10474.9	9711.0	9515.3
20°	12139.3	12542.5	12844.2	13214.4	13787.3	14013.6	13212.0	11620.6	10717.7	10545.6
22.5°	15020.3	14947.2	14329.5	14322.5	15152.3	16060.0	16005.8	13950.0	12592.0	12450.5
25°	16100.1	15760.6	14867.1	14650.2	15015.6	16416.0	16213.3	14426.2	13172.0	12827.7
27.5°	15678.1	14836.4	14249.4	14199.9	14079.6	15402.3	15890.3	14619.5	13374.7	13039.9
30°	15652.2	14414.4	13575.1	13674.1	13789.6	15053.3	16069.5	15225.4	13893.4	13535.0
32.5°	15715.8	14473.4	13624.6	13643.5	13987.7	15105.2	16267.5	15885.6	14574.7	14216.4
35°	15972.8	14808.1	13940.5	13895.7	14433.3	15444.7	16604.6	16922.9	15506.0	15098.1
37.5°	16387.7	15475.3	14518.1	14506.4	15286.7	16057.7	17024.3	17969.7	16432.5	15994.0
40°	16998.4	16255.7	15546.1	15482.4	16446.7	17054.9	17568.9	19084.8	17510.0	16946.5
42.5°	17736.3	17191.7	16901.7	17154.0	18080.5	18174.8	18417.6	20115.1	18427.1	17771.6
45°	18420.0	18394.1	18797.2	19466.8	20006.7	19440.8	19304.1	20805.9	19139.1	18427.1
47.5°	19233.4	19935.9	21152.5	22133.2	22699.0	20914.3	20060.9	21256.2	19657.7	19002.3
50°	20058.5	21781.9	23724.6	25092.0	25212.3	22515.2	20581.9	21680.6	20129.3	19447.9
52.5°	20926.1	23255.4	25841.7	27430.8	27197.4	23908.5	21086.4	21968.2	20614.9	20016.1
55°	21680.6	24158.4	27025.3	28550.6	28208.8	24757.2	21631.1	22279.4	21308.1	20803.5
57.5°	22102.6	24233.9	26730.6	28062.6	27692.5	24592.2	21881.0	22510.4	21751.3	21355.2
58°	22163.9	24132.5	26468.9	27779.7	27402.5	24453.1	21878.6	22501.0	21779.6	21381.1
60°	22109.6	23474.7	25495.2	26662.2	26266.1	23580.8	21789.0	22324.2	21421.2	21084.1
62.5°	21607.5	22333.6	23814.2	24662.9	24549.8	22218.1	21421.2	21657.0	20329.7	20004.3
65°	20947.3	20777.6	21661.7	22262.9	22347.8	21197.3	21055.8	20214.1	18929.2	18469.5
67.5°	20145.8	19014.1	19011.7	19353.6	19495.1	19627.1	20294.3	18646.3	16911.1	16425.5
70°	18785.4	16295.8	15546.1	15949.2	15831.3	16946.5	18933.9	16444.3	14478.1	13909.9
72.5°	16291.1	12931.5	11731.5	12250.1	11953.1	13289.8	16566.9	13532.7	11971.9	11274.1
75°	13205.0	9673.3	8435.5	8911.8	8727.9	10081.1	13784.9	9828.9	8586.4	8320.0
77.5°	10253.2	7009.2	6290.1	6224.1	6360.8	7501.9	10111.8	6636.7	5660.6	5479.1
80°	6587.2	5017.0	5059.4	4974.6	5045.3	4729.4	6139.2	4234.3	3833.5	3687.3
82.5°	4335.6	3496.3	4168.3	3847.6	3654.3	3180.4	4026.8	2772.5	2352.9	2272.7
85°	2954.1	2574.5	2343.5	1791.8	2110.1	2449.6	3020.1	1492.4	1183.5	1072.7
87.5°	1334.4	895.9	657.8	405.5	641.3	740.3	1466.4	174.5	134.4	139.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)