

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: P530732

Luminaire Tested: **GALN-SA6A-727-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P530732
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA6A-727-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 2700K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16891 lumens
Efficiency: N/A
Efficacy: 92.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G2

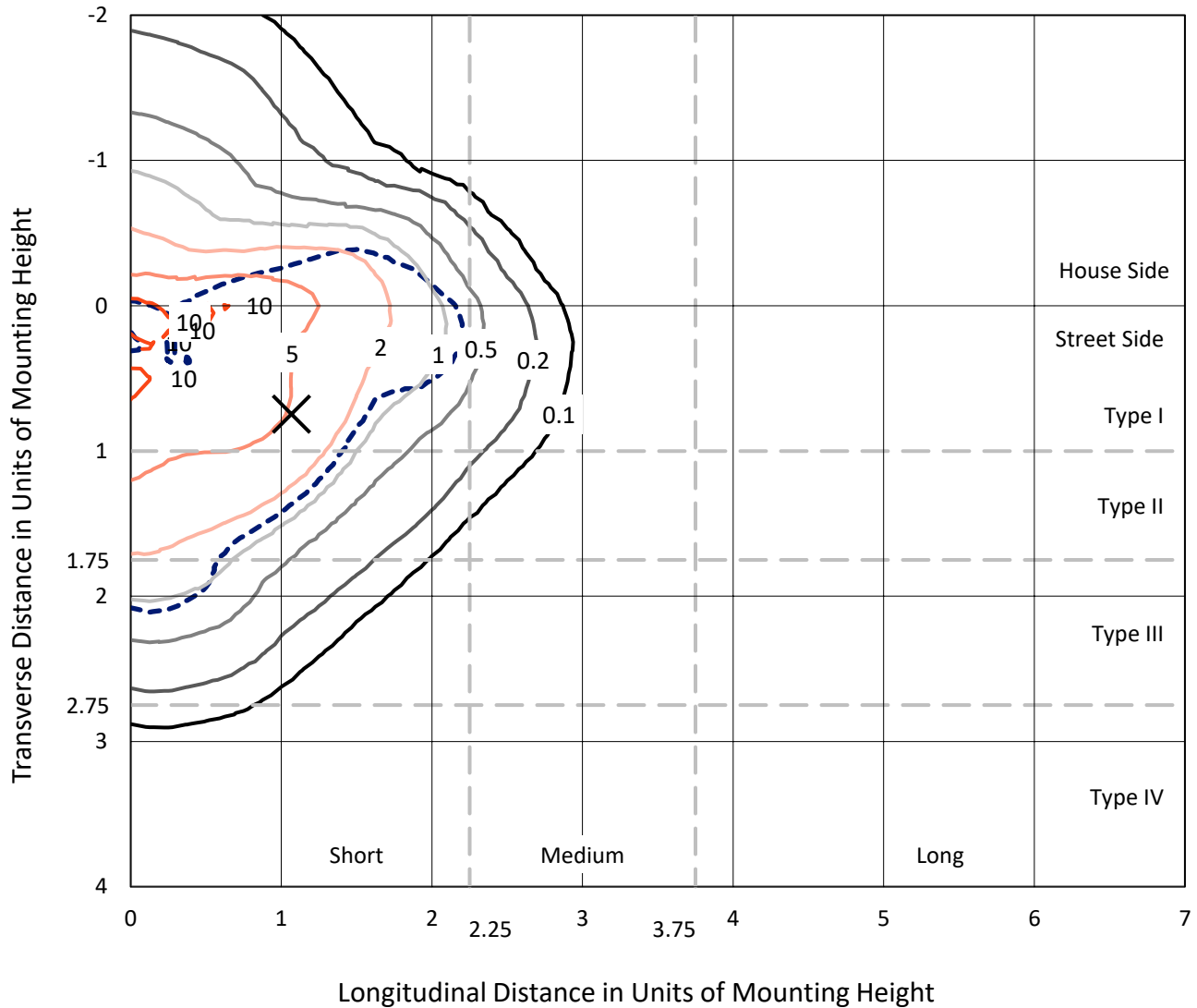
Input Watts (W): 182
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

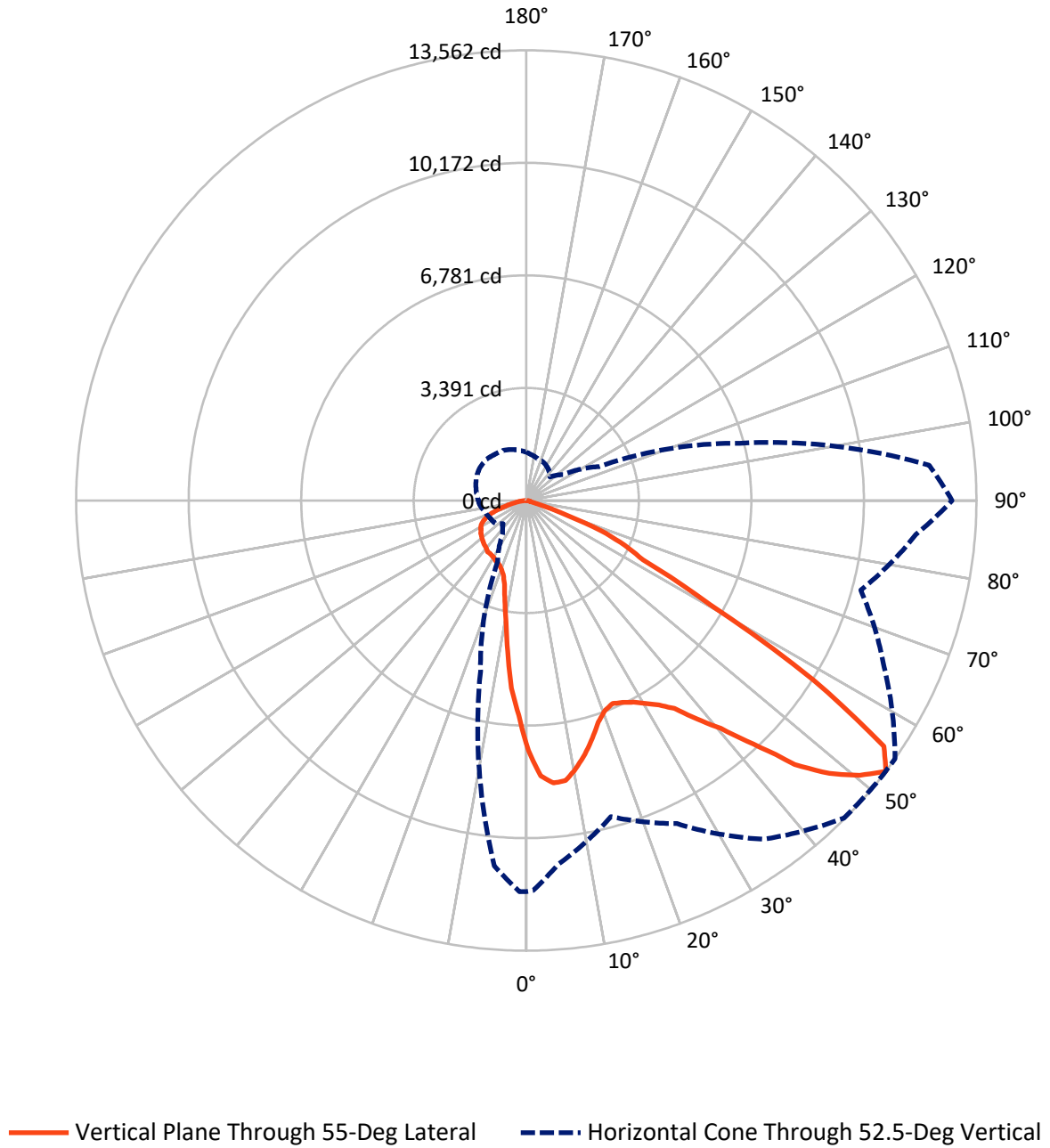
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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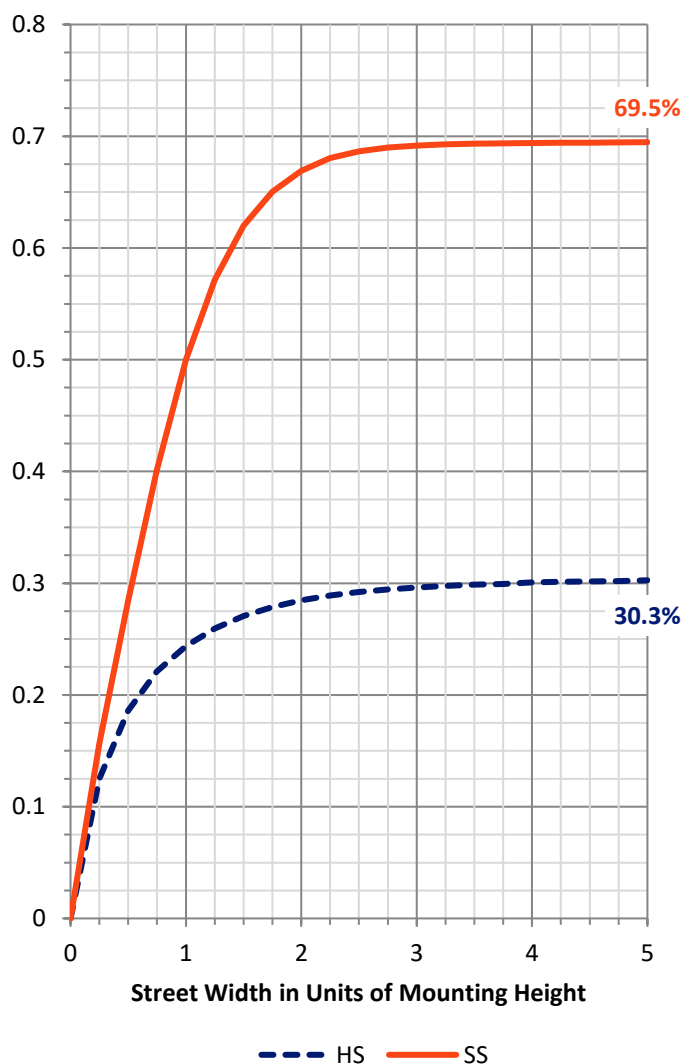
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5152.7	0.0	5152.7
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	11738.3	0.0	11738.3
	% Fixture	69.5	0.0	69.5
Total	Lumens	16891.0	0.0	16891.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	575.6	3.4
10°-20°	1241.1	7.3
20°-30°	1882.0	11.1
30°-40°	2719.2	16.1
40°-50°	3633.6	21.5
50°-60°	4055.9	24.0
60°-70°	2224.8	13.2
70°-80°	481.0	2.8
80°-90°	77.8	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°	16891.0	100.0
0°-180°	16891.0	100.0

Coefficient of Utilization



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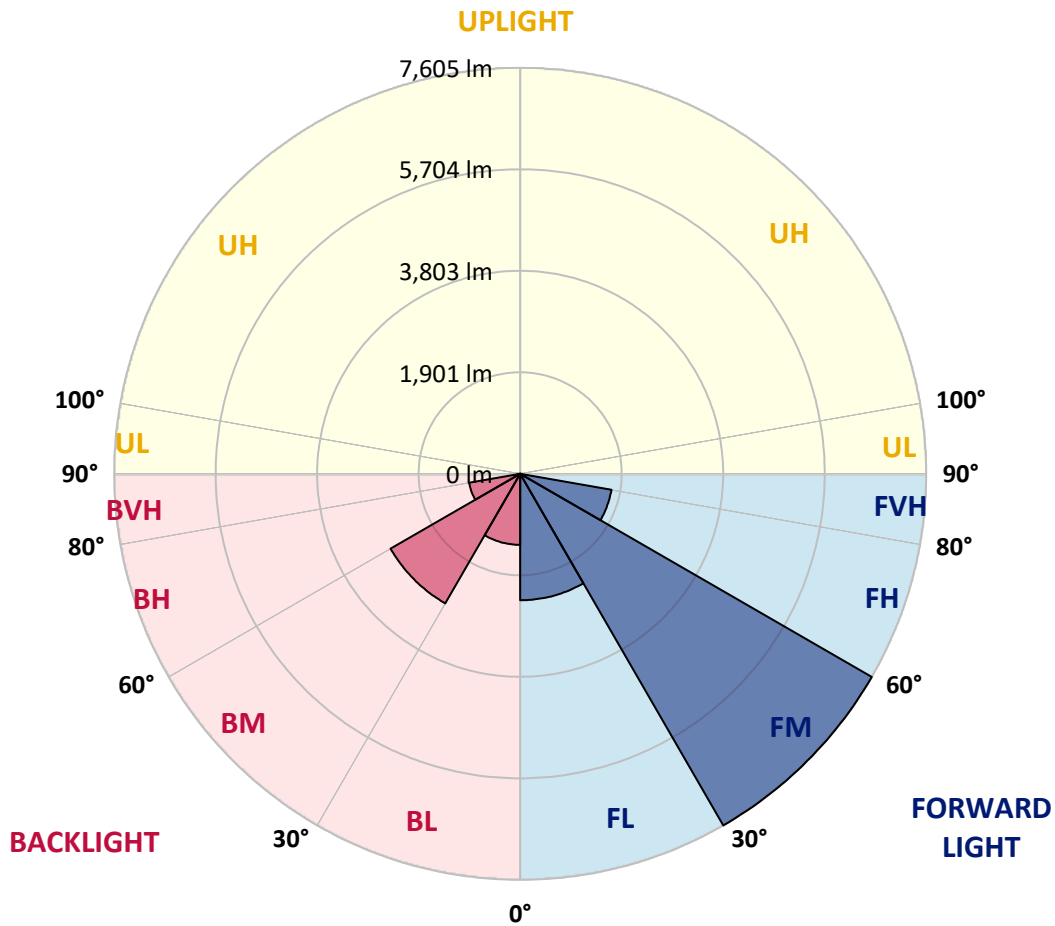
CATALOG NUMBER: GALN-SA6A-727-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2368.4	14.0			
FM (30°-60°)	7605.1	45.0			
FH (60°-80°)	1736.0	10.3			G1/1800
FVH (80°-90°)	28.8	0.2			G1/100
BL (0°-30°)	1330.3	7.9	B3/2500		
BM (30°-60°)	2803.5	16.6	B3/5000		
BH (60°-80°)	969.8	5.7	B2/1000		G2/1000
BVH (80°-90°)	49.0	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7
2.5°	7907.1	7862.7	7902.2	8089.6	8198.1	8272.1	8319.0	8311.6	8134.0	7961.4	7961.4
5°	7675.3	7618.5	7699.9	8124.1	8550.8	8587.8	8649.5	8548.4	8286.9	7971.2	7576.6
7.5°	7004.4	7046.4	7182.0	7739.4	8294.3	8573.0	8647.0	8518.8	8094.6	7505.1	6925.5
10°	6424.8	6523.5	6836.7	7438.5	7949.0	8311.6	8393.0	8212.9	7877.5	7154.9	6636.9
12.5°	6225.1	6163.4	6511.2	7112.9	7601.3	7796.1	7833.1	7845.5	7618.5	6977.3	6345.9
15°	6200.4	6239.9	6511.2	6967.4	7268.3	7278.2	7339.9	7436.0	7465.6	7098.1	6481.6
17.5°	6555.6	6508.7	6787.4	7149.9	7006.9	6863.8	6878.6	7016.8	7260.9	7201.7	6908.2
20°	7080.9	7186.9	7406.4	7369.4	6984.7	6622.1	6624.6	6755.3	7236.3	7630.9	7502.6
22.5°	7954.0	8057.6	8220.3	7773.9	6984.7	6550.6	6466.8	6644.3	7394.1	8141.4	8173.5
25°	8750.6	8940.5	8984.9	8459.6	7334.9	6617.2	6563.0	6738.1	7552.0	8639.6	8943.0
27.5°	9475.7	9544.8	9739.6	8901.0	7529.8	6661.6	6656.7	6881.1	7751.7	8888.7	9631.1
30°	10047.9	10040.5	10151.5	9179.7	7840.5	6910.7	6671.5	7095.7	8013.2	9300.6	10267.4
32.5°	10437.6	10521.4	10755.7	9567.0	7971.2	7147.5	6960.0	7347.3	8331.3	9495.4	10716.3
35°	11123.2	11268.7	10972.8	9781.5	8385.6	7381.8	7162.3	7690.1	8489.2	9707.5	11266.3
37.5°	11769.4	11658.4	11357.5	9897.5	8654.4	7815.9	7611.1	8353.5	8980.0	10168.8	11631.3
40°	12183.8	12181.3	11646.1	9991.2	8844.3	8479.3	8467.0	9026.8	9581.8	10459.8	12040.7
42.5°	12363.8	12536.4	11764.5	9981.3	9243.9	9283.3	9532.4	10033.1	10008.4	10519.0	12030.8
44°	12610.4	12714.0	11969.2	10003.5	9510.2	9825.9	10412.9	10731.1	10380.9	10486.9	12018.5
45°	12600.6	12608.0	11678.2	10033.1	9737.1	10279.7	10805.1	11342.7	10708.9	10417.9	12181.3
47.5°	12312.0	12228.2	11431.5	9813.6	10445.0	11478.4	11964.3	12289.8	11113.4	10269.9	11979.1
50°	11742.3	11646.1	10832.2	9719.9	10593.0	12223.2	12894.1	13012.5	11480.8	10124.4	11779.3
52.5°	11781.7	11754.6	11002.4	9860.5	10740.9	12457.5	13532.9	13562.4	11897.7	10430.2	11781.7
55°	12487.1	12393.4	11490.7	10035.6	10632.4	12183.8	13125.9	13074.1	11757.1	10245.2	11998.8
57.5°	11426.6	11488.2	10814.9	9342.5	9305.5	9904.9	10319.2	10190.9	9811.1	9246.3	11162.7
60°	9219.2	9394.3	9458.4	7813.4	7021.7	6713.4	6590.1	6363.2	6427.3	7596.4	9806.2
62.5°	7907.1	7897.2	8299.3	7083.4	4599.7	3956.0	3896.8	3948.6	4688.5	7478.0	9604.0
65°	6269.5	6437.2	6560.5	6003.1	3640.3	2937.4	2935.0	3263.0	4057.1	6249.7	7754.2
67.5°	3980.7	4200.2	4353.1	3840.1	2434.3	2091.5	2034.7	2429.4	2811.6	4099.1	4668.8
70°	2244.4	2348.0	2417.0	2214.8	1548.9	1085.2	1021.1	1114.8	1699.3	2653.8	2767.2
72.5°	865.7	912.5	1006.3	1013.7	584.5	350.2	283.6	340.4	715.2	1050.7	1001.3
75°	133.2	143.0	202.2	241.7	167.7	128.3	135.6	140.6	199.8	271.3	226.9
77.5°	64.1	64.1	61.7	71.5	83.9	91.3	98.7	108.5	118.4	130.7	125.8
80°	41.9	41.9	41.9	49.3	61.7	74.0	83.9	88.8	93.7	103.6	98.7
82.5°	27.1	27.1	27.1	37.0	49.3	61.7	66.6	78.9	88.8	103.6	96.2
85°	14.8	14.8	14.8	24.7	37.0	51.8	49.3	39.5	22.2	2.5	4.9
87.5°	4.9	4.9	4.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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°	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7
2.5°	7754.2	7640.7	7630.9	7399.0	7191.9	7090.7	7009.4	6782.5	6831.8	6701.1	6698.6
5°	7379.3	7147.5	6772.6	6464.3	6156.0	6094.3	5825.5	5591.2	5598.6	5430.9	5460.5
7.5°	6706.0	6545.7	6089.4	5606.0	5196.6	4905.6	4651.5	4498.6	4303.8	4237.2	4202.7
10°	6279.3	6082.0	5569.0	4962.3	4503.6	4348.2	4104.0	3968.4	3768.6	3669.9	3600.9
12.5°	6091.9	5803.3	5162.1	4545.5	4239.7	4079.3	3872.2	3625.5	3388.8	3297.5	3171.7
15°	6111.6	5766.3	5043.7	4377.8	4010.3	3699.5	3514.5	3240.8	2999.1	2838.8	2747.5
17.5°	6410.0	5990.8	5097.9	4249.5	3721.7	3332.0	2969.5	2673.5	2481.1	2360.3	2330.7
20°	7115.4	6545.7	5189.2	4042.3	3433.2	2947.3	2500.9	2192.6	2044.6	2042.1	2044.6
22.5°	7702.4	7137.6	5374.2	3919.0	3144.6	2454.0	2010.1	1911.4	1881.8	1943.5	1950.9
25°	8494.1	7803.5	5692.3	3854.9	2878.2	2091.5	1817.7	1780.7	1778.2	1857.2	1859.6
27.5°	9305.5	8385.6	5882.2	3667.5	2606.9	1904.0	1701.8	1694.4	1733.8	1817.7	1810.3
30°	9858.0	8873.9	6225.1	3443.0	2286.3	1738.8	1654.9	1664.8	1719.0	1783.2	1793.0
32.5°	10501.7	9354.9	6313.9	3319.7	2089.0	1600.7	1541.5	1563.7	1632.7	1733.8	1788.1
35°	11239.1	9695.2	6449.5	3152.0	2015.0	1494.6	1465.0	1489.7	1573.5	1640.1	1699.3
37.5°	11784.2	10297.0	6474.2	3021.3	1933.6	1435.4	1388.6	1469.9	1519.3	1613.0	1642.6
40°	12188.7	10733.5	6538.3	2939.9	1869.5	1359.0	1359.0	1413.2	1479.8	1566.1	1625.3
42.5°	12447.7	11051.7	6585.1	2865.9	1746.2	1336.8	1324.4	1378.7	1467.5	1551.3	1578.5
44°	12605.5	11187.4	6538.3	2796.8	1711.6	1309.6	1309.6	1356.5	1425.5	1524.2	1556.3
45°	12645.0	11357.5	6434.7	2794.4	1669.7	1277.6	1272.6	1361.4	1408.3	1529.1	1548.9
47.5°	12797.9	11567.2	6447.0	2715.4	1568.6	1201.1	1287.4	1326.9	1368.8	1474.9	1541.5
50°	12792.9	11697.9	6419.9	2599.5	1494.6	1114.8	1257.8	1302.2	1344.2	1452.7	1479.8
52.5°	12827.5	12186.2	6669.0	2414.6	1361.4	1003.8	1159.2	1257.8	1309.6	1400.9	1457.6
55°	12810.2	12464.9	6915.6	2276.4	1174.0	937.2	1075.3	1191.2	1265.2	1361.4	1388.6
57.5°	11700.4	11017.2	6400.2	2017.5	971.7	858.3	956.9	1122.2	1215.9	1314.6	1349.1
60°	9559.6	8491.6	5278.0	1484.7	799.1	789.2	890.4	1100.0	1139.5	1225.8	1285.0
62.5°	8834.5	7448.4	4185.4	1134.5	683.2	722.6	821.3	993.9	1055.6	1161.6	1215.9
65°	6913.2	4947.5	2592.1	767.0	601.8	648.6	742.4	870.6	971.7	1070.4	1134.5
67.5°	4094.1	2703.1	1282.5	537.7	525.3	574.7	670.8	767.0	883.0	991.5	1023.5
70°	2229.6	1329.4	547.5	409.4	446.4	490.8	584.5	651.1	762.1	846.0	900.2
72.5°	715.2	404.5	273.8	303.4	340.4	392.1	448.9	530.3	609.2	658.5	702.9
75°	172.6	170.2	194.8	212.1	246.6	286.1	333.0	374.9	436.5	483.4	522.9
77.5°	120.9	130.7	150.4	175.1	187.4	202.2	231.8	263.9	291.0	325.6	350.2
80°	93.7	101.1	115.9	128.3	140.6	152.9	167.7	180.0	197.3	219.5	231.8
82.5°	88.8	93.7	108.5	115.9	111.0	108.5	118.4	123.3	125.8	133.2	140.6
85°	7.4	0.0	4.9	17.3	41.9	61.7	66.6	66.6	64.1	69.1	69.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	9.9	7.4
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7
2.5°	6669.0	6585.1	6617.2	6656.7	6599.9	6469.2	6503.8	6489.0	6622.1	6612.3	6745.5
5°	5591.2	5460.5	5475.3	5667.7	5606.0	5672.6	5539.4	5522.2	5546.8	5559.1	5581.3
7.5°	4279.1	4261.8	4409.8	4572.6	4649.1	4570.1	4439.4	4409.8	4382.7	4328.4	4451.8
10°	3492.3	3497.3	3487.4	3610.7	3697.1	3679.8	3600.9	3591.0	3539.2	3519.5	3588.5
12.5°	3117.5	3050.9	3018.8	2979.3	3045.9	3090.3	3055.8	3031.1	3033.6	3058.3	3068.1
15°	2754.9	2713.0	2643.9	2599.5	2631.6	2609.4	2597.1	2646.4	2634.1	2629.1	2688.3
17.5°	2348.0	2382.5	2377.6	2328.2	2370.2	2352.9	2350.4	2315.9	2269.0	2234.5	2254.2
20°	2079.1	2143.3	2192.6	2195.0	2217.2	2214.8	2177.8	2071.7	2037.2	2029.8	2034.7
22.5°	1982.9	2017.5	2076.7	2160.5	2160.5	2121.1	2076.7	1953.3	1921.3	1886.8	1872.0
25°	1906.5	1973.1	2049.5	2059.4	2098.9	2061.9	1990.3	1928.7	1862.1	1815.2	1815.2
27.5°	1867.0	1941.0	1997.7	2015.0	2069.3	2039.7	1965.7	1886.8	1807.8	1805.4	1763.4
30°	1849.8	1918.8	1955.8	1997.7	2022.4	1975.5	1953.3	1869.5	1790.6	1770.8	1701.8
32.5°	1798.0	1896.6	1965.7	1955.8	1975.5	1955.8	1923.8	1854.7	1765.9	1721.5	1714.1
35°	1738.8	1837.4	1911.4	1963.2	1975.5	1933.6	1913.9	1820.2	1699.3	1677.1	1600.7
37.5°	1706.7	1765.9	1857.2	1941.0	1958.3	1936.1	1869.5	1773.3	1652.5	1627.8	1561.2
40°	1667.3	1743.7	1815.2	1884.3	1936.1	1881.8	1805.4	1711.6	1657.4	1583.4	1563.7
42.5°	1637.7	1724.0	1783.2	1859.6	1918.8	1847.3	1758.5	1694.4	1617.9	1568.6	1511.9
44°	1627.8	1706.7	1746.2	1839.9	1889.2	1835.0	1761.0	1694.4	1605.6	1561.2	1511.9
45°	1593.3	1701.8	1743.7	1827.6	1869.5	1825.1	1731.4	1664.8	1600.7	1546.4	1494.6
47.5°	1558.7	1632.7	1704.2	1770.8	1800.4	1785.6	1706.7	1625.3	1548.9	1516.8	1467.5
50°	1548.9	1622.9	1689.4	1751.1	1785.6	1756.0	1684.5	1605.6	1516.8	1465.0	1423.1
52.5°	1499.5	1590.8	1664.8	1684.5	1728.9	1711.6	1657.4	1571.1	1487.2	1442.8	1408.3
55°	1428.0	1524.2	1625.3	1650.0	1714.1	1687.0	1605.6	1524.2	1452.7	1386.1	1341.7
57.5°	1400.9	1494.6	1593.3	1625.3	1664.8	1620.4	1600.7	1514.3	1400.9	1366.4	1297.3
60°	1331.8	1450.2	1531.6	1605.6	1608.1	1595.7	1561.2	1462.5	1368.8	1304.7	1255.4
62.5°	1277.6	1388.6	1452.7	1521.7	1563.7	1529.1	1494.6	1403.4	1302.2	1230.7	1174.0
65°	1198.6	1299.8	1354.0	1396.0	1442.8	1437.9	1378.7	1312.1	1206.0	1149.3	1095.1
67.5°	1077.8	1166.6	1240.6	1280.0	1309.6	1302.2	1257.8	1211.0	1102.5	1045.7	1006.3
70°	932.3	1023.5	1070.4	1092.6	1122.2	1137.0	1102.5	1080.3	984.1	910.1	873.1
72.5°	749.8	809.0	878.0	897.8	910.1	919.9	919.9	900.2	801.6	772.0	707.8
75°	552.5	599.3	651.1	651.1	673.3	675.8	680.7	668.4	594.4	554.9	540.1
77.5°	374.9	409.4	451.3	468.6	483.4	480.9	478.5	443.9	404.5	387.2	372.4
80°	244.2	278.7	298.4	320.6	335.4	333.0	337.9	313.2	296.0	266.4	271.3
82.5°	145.5	172.6	192.4	219.5	219.5	226.9	226.9	219.5	202.2	187.4	187.4
85°	69.1	91.3	103.6	120.9	130.7	133.2	118.4	101.1	83.9	76.5	83.9
87.5°	12.3	17.3	24.7	22.2	27.1	24.7	24.7	24.7	24.7	19.7	22.2
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: P530732

CATALOG NUMBER: GALN-SA6A-727-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7	7534.7
2.5°	6696.1	6819.5	6905.8	7048.8	7295.5	7492.8	7695.0	7845.5	7862.7	7907.1
5°	5662.7	5729.3	5948.8	6234.9	6437.2	6770.1	6984.7	7374.4	7519.9	7675.3
7.5°	4422.2	4530.7	4824.2	5016.6	5460.5	5877.3	6308.9	6789.9	6982.2	7004.4
10°	3729.1	3887.0	4086.7	4395.0	4636.7	5100.4	5638.1	6173.3	6387.8	6424.8
12.5°	3275.3	3477.6	3743.9	3965.9	4197.7	4602.2	5117.7	5778.7	6057.4	6225.1
15°	2838.8	3048.4	3341.9	3650.2	3854.9	4338.3	4945.0	5689.9	6052.4	6200.4
17.5°	2389.9	2584.7	2826.4	3159.4	3571.3	4113.9	4917.9	5985.8	6382.9	6555.6
20°	2005.1	2113.7	2394.8	2737.6	3253.1	3884.5	4927.8	6422.4	7004.4	7080.9
22.5°	1854.7	1879.4	1990.3	2306.0	2870.8	3650.2	5102.9	7041.4	7702.4	7954.0
25°	1738.8	1733.8	1763.4	1975.5	2592.1	3558.9	5275.5	7611.1	8476.8	8750.6
27.5°	1674.7	1625.3	1627.8	1827.6	2394.8	3411.0	5497.5	8264.7	9354.9	9475.7
30°	1642.6	1632.7	1603.1	1684.5	2180.3	3189.0	5534.5	8908.4	9872.8	10047.9
32.5°	1622.9	1526.7	1489.7	1519.3	1978.0	2947.3	5672.6	9332.7	10514.0	10437.6
35°	1524.2	1437.9	1413.2	1442.8	1835.0	2811.6	5581.3	9702.6	10995.0	11123.2
37.5°	1487.2	1410.8	1361.4	1336.8	1701.8	2698.2	5534.5	10272.3	11461.1	11769.4
40°	1452.7	1371.3	1312.1	1287.4	1598.2	2547.7	5519.7	10711.3	11998.8	12183.8
42.5°	1413.2	1361.4	1294.8	1250.4	1472.4	2397.3	5349.5	10847.0	12164.0	12363.8
44°	1400.9	1322.0	1252.9	1238.1	1423.1	2320.8	5315.0	10970.3	12307.1	12610.4
45°	1388.6	1314.6	1235.6	1215.9	1405.8	2278.9	5268.1	10999.9	12543.8	12600.6
47.5°	1354.0	1307.2	1230.7	1176.4	1368.8	2187.7	5127.5	10832.2	12302.1	12312.0
50°	1326.9	1272.6	1193.7	1087.7	1319.5	2111.2	5191.7	10770.5	11720.1	11742.3
52.5°	1297.3	1215.9	1171.5	989.0	1238.1	2047.1	5327.3	11049.2	11786.7	11781.7
55°	1262.8	1174.0	1065.5	905.1	1102.5	1965.7	5655.3	11599.2	12403.3	12487.1
57.5°	1208.5	1132.1	976.7	831.2	947.1	1810.3	5549.3	10546.1	11411.8	11426.6
60°	1137.0	1065.5	885.4	774.4	776.9	1428.0	4962.3	8217.9	9004.6	9219.2
62.5°	1067.9	1028.5	809.0	693.0	661.0	1137.0	4195.3	6829.3	7729.5	7907.1
65°	986.5	890.4	742.4	631.4	567.3	796.6	2971.9	5102.9	6030.2	6269.5
67.5°	883.0	779.4	653.6	554.9	485.9	532.7	1534.1	2900.4	3840.1	3980.7
70°	772.0	675.8	550.0	468.6	392.1	367.5	675.8	1383.6	2098.9	2244.4
72.5°	633.9	545.1	439.0	370.0	293.5	254.0	226.9	370.0	744.8	865.7
75°	458.7	397.1	330.5	263.9	207.2	162.8	133.2	111.0	123.3	133.2
77.5°	337.9	288.6	244.2	187.4	145.5	115.9	91.3	69.1	66.6	64.1
80°	263.9	234.3	194.8	150.4	113.5	86.3	64.1	46.9	41.9	41.9
82.5°	207.2	192.4	160.3	123.3	93.7	69.1	46.9	32.1	27.1	27.1
85°	78.9	78.9	115.9	101.1	71.5	49.3	32.1	17.3	14.8	14.8
87.5°	19.7	19.7	19.7	19.7	17.3	14.8	14.8	7.4	4.9	4.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)