

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: P455512

Luminaire Tested: **GALN-SA6D-722-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P455512  
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-SA6D-722-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 70 CRI, 2200K, 1200mA 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: 29068 lumens  
Efficiency: N/A  
Efficacy: 79.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4

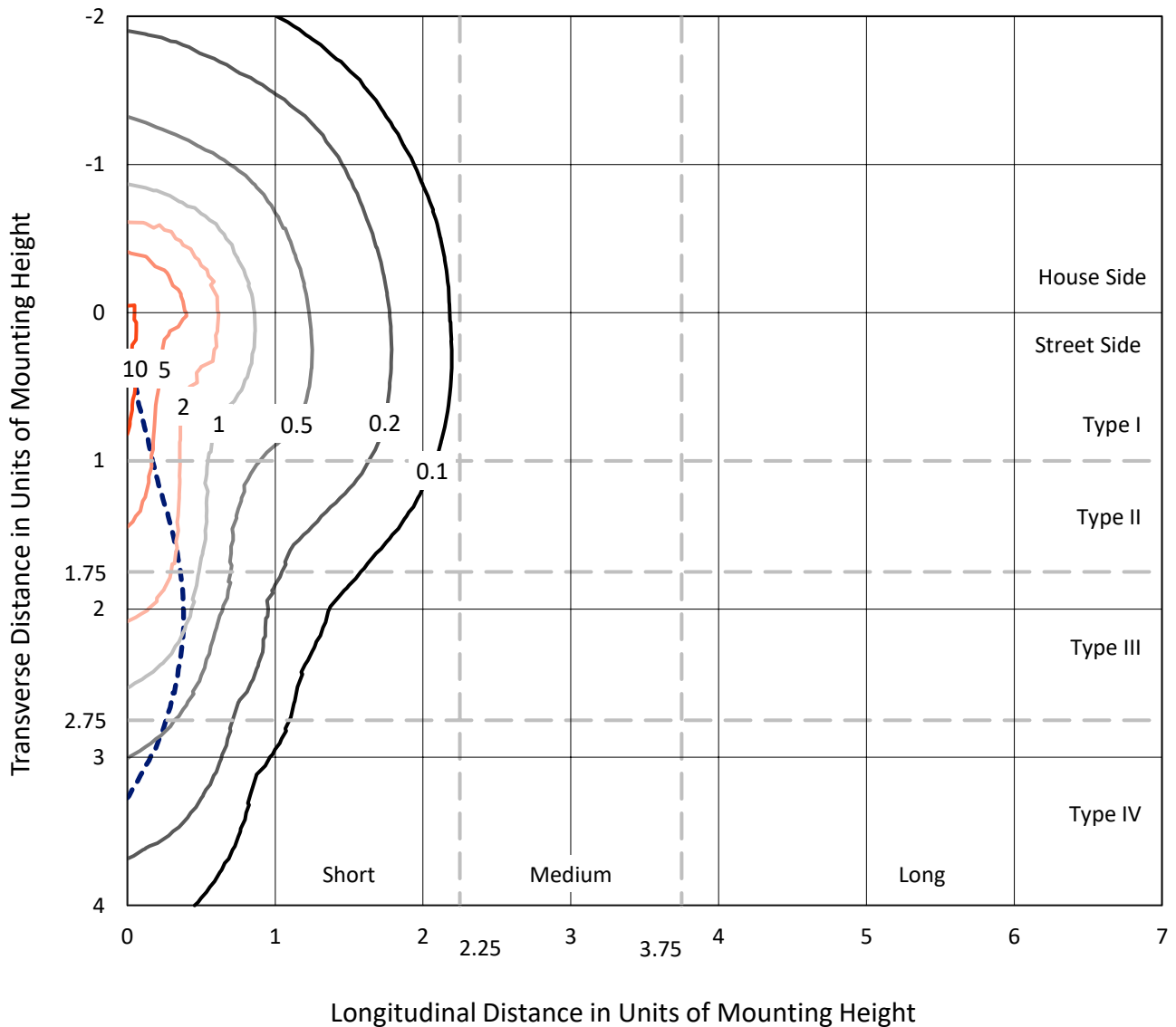
Input Watts (W): 368  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P455512  
 CATALOG NUMBER: GALN-SA6D-722-U-SLR

### Iso-Footcandle Lines of Horizontal Illumination

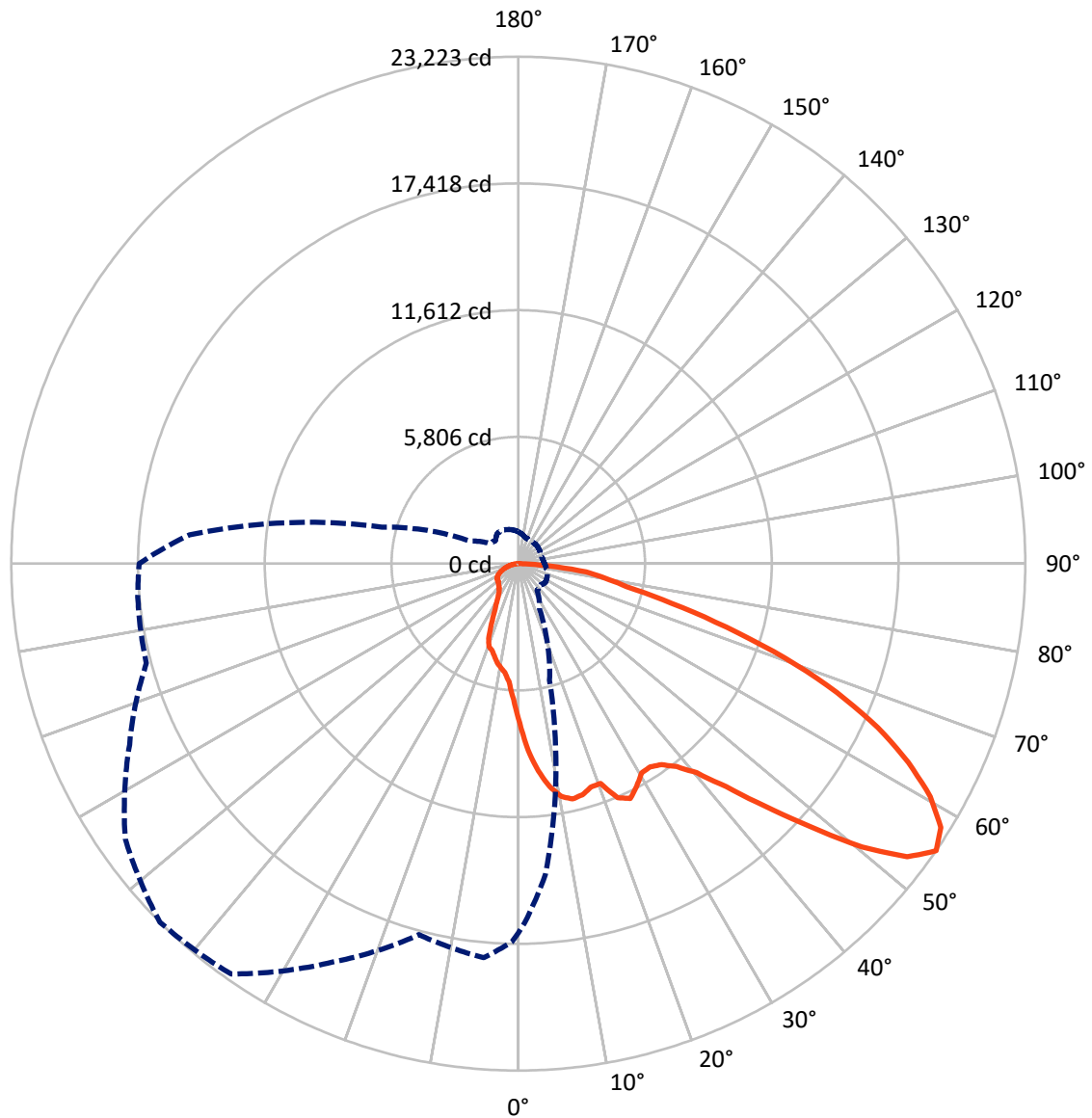
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.5 fc  
 Type IV - Short - N/A

REPORT NUMBER: P455512  
CATALOG NUMBER: GALN-SA6D-722-U-SLR

### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral    - - - Horizontal Cone Through 55-Deg Vertical

REPORT NUMBER: P455512

CATALOG NUMBER: GALN-SA6D-722-U-SLR

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6358.5	0.0	6358.5
	% Fixture	21.9	0.0	21.9
<b>Street Side</b>	Lumens	22709.5	0.0	22709.5
	% Fixture	78.1	0.0	78.1
<b>Total</b>	Lumens	29068.0	0.0	29068.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	618.3	2.1
10°-20°	1640.3	5.6
20°-30°	2833.7	9.7
30°-40°	3293.2	11.3
40°-50°	4594.6	15.8
50°-60°	6234.4	21.4
60°-70°	5931.3	20.4
70°-80°	3204.2	11.0
80°-90°	718.1	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°	29068.0	100.0
0°-180°	29068.0	100.0

**Coefficient of Utilization**



REPORT NUMBER: P455512

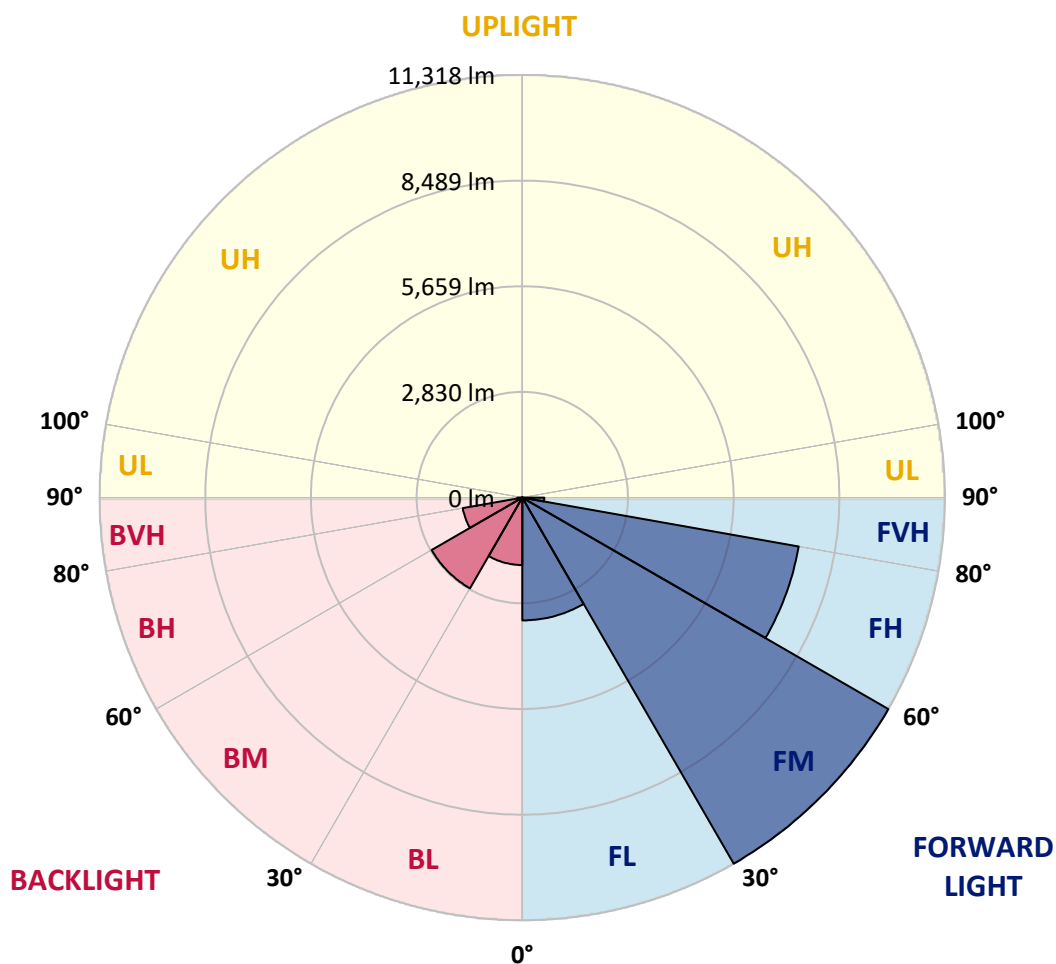
CATALOG NUMBER: GALN-SA6D-722-U-SLR

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3287.7	11.3			
FM	(30°-60°)	11318.5	38.9			
FH	(60°-80°)	7516.5	25.9			G4/12000
FVH	(80°-90°)	586.9	2.0			G4/750
BL	(0°-30°)	1804.6	6.2	B3/2500		
BM	(30°-60°)	2803.7	9.6	B3/5000		
BH	(60°-80°)	1619.0	5.6	B3/2500		G3/2500
BVH	(80°-90°)	131.2	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





REPORT NUMBER: P455512  
 CATALOG NUMBER: GALN-SA6D-722-U-SLR

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9
2.5°	8104.2	8073.5	7987.2	7760.9	7532.7	7300.7	7122.3	6899.9	6667.8	6543.2	6384.0
5°	8215.4	8180.9	7977.6	7467.5	7005.4	6520.2	6132.8	5793.4	5655.3	5452.0	5289.0
7.5°	7954.6	7939.3	7634.4	6901.8	6269.0	5634.2	5195.1	4922.7	4675.4	4583.3	4602.5
10°	7716.8	7655.5	7273.8	6316.9	5578.6	5062.7	4748.2	4481.7	4307.2	4261.1	4270.7
12.5°	7519.3	7436.8	6986.2	5923.8	5277.5	4865.2	4464.4	4186.3	4027.2	4071.3	4220.9
15°	7479.0	7367.8	6865.4	5789.5	5112.6	4581.4	4142.2	3822.0	3703.1	3799.0	4038.7
17.5°	7739.8	7599.8	7072.5	5833.6	4955.3	4291.8	3752.9	3386.7	3286.9	3440.4	3752.9
20°	8577.9	8370.8	7718.7	6088.7	4940.0	4148.0	3526.7	3158.5	3200.6	3492.1	3818.1
22.5°	10127.4	9816.7	8850.2	6460.7	5020.5	4111.5	3480.6	3288.9	3520.9	3768.3	3983.1
25°	10434.2	10190.7	9053.5	6545.1	5003.3	4086.6	3611.0	3706.9	3965.8	4088.5	4013.7
27.5°	10606.8	10328.7	9040.0	6127.1	4474.0	3706.9	3451.9	3611.0	3676.2	3557.3	3354.1
30°	11009.5	10719.9	9268.2	5687.9	3683.9	2750.0	2410.5	2345.3	2389.5	2412.5	2339.6
32.5°	11563.7	11278.0	9697.8	5400.2	3185.3	2274.4	1940.7	1848.7	1827.6	1802.6	1773.9
35°	12281.0	11841.8	10119.7	5216.1	2980.1	2103.7	1796.9	1725.9	1697.2	1662.6	1632.0
37.5°	13009.7	12549.4	10652.8	5022.5	2843.9	1984.8	1701.0	1668.4	1618.5	1582.1	1538.0
40°	13784.4	13268.6	11138.0	4853.7	2711.6	1908.1	1632.0	1628.1	1562.9	1520.7	1469.0
42.5°	14455.6	13924.4	11571.4	4750.1	2610.0	1827.6	1589.8	1601.3	1534.2	1470.9	1403.8
45°	14988.7	14467.1	11972.2	4750.1	2527.5	1747.0	1582.1	1574.4	1507.3	1428.7	1352.0
47.5°	15456.7	14917.8	12363.4	4871.0	2475.8	1679.9	1539.9	1553.3	1484.3	1384.6	1309.8
50°	15819.1	15343.5	12890.8	5058.9	2424.0	1626.2	1486.2	1559.1	1465.1	1361.6	1275.3
52.5°	16281.3	15855.5	13525.5	5315.9	2379.9	1566.8	1438.3	1559.1	1463.2	1363.5	1269.5
55°	16921.8	16473.0	14290.7	5528.7	2308.9	1511.1	1396.1	1515.0	1457.5	1353.9	1254.2
57.5°	17370.5	17034.9	14831.5	5670.6	2207.3	1440.2	1357.7	1472.8	1432.5	1317.5	1208.2
58°	17391.6	17063.7	14910.1	5703.2	2182.3	1426.8	1348.1	1453.6	1421.0	1302.1	1192.8
60°	17150.0	16868.1	14925.5	5657.2	2040.4	1359.6	1298.3	1375.0	1359.6	1212.0	1110.3
62.5°	16271.7	15970.6	14306.0	5283.3	1852.5	1277.2	1221.6	1269.5	1235.0	1085.4	991.5
65°	15023.3	14469.0	13032.7	4696.4	1718.3	1189.0	1118.0	1121.9	1085.4	978.0	895.6
67.5°	13360.6	12741.2	11034.4	3958.1	1616.6	1091.2	995.3	985.7	941.6	872.6	805.4
70°	11314.4	10890.6	8967.2	3219.8	1503.5	983.8	857.2	851.5	824.6	772.8	713.4
72.5°	9170.4	8631.6	7241.2	2577.4	1365.4	880.2	728.7	740.2	705.7	669.3	615.6
75°	6767.6	6414.7	5597.8	2067.3	1179.4	767.1	607.9	611.7	596.4	558.1	515.9
77.5°	4456.7	4351.3	4004.2	1357.7	907.1	609.8	496.7	500.5	489.0	454.5	410.4
80°	2999.3	2928.3	2713.5	874.5	606.0	441.1	383.5	387.4	385.5	349.0	289.6
82.5°	1848.7	1818.0	1748.9	590.7	420.0	316.4	253.1	264.6	285.7	245.5	197.5
85°	872.6	874.5	1056.7	322.2	247.4	203.3	138.1	147.7	147.7	147.7	111.2
87.5°	113.1	118.9	145.7	136.2	90.1	76.7	49.9	42.2	36.4	47.9	34.5
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: P455512

CATALOG NUMBER: GALN-SA6D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9
2.5°	6328.4	6290.1	6207.6	6188.4	6176.9	6209.5	6123.2	6146.2	6107.9	6215.3	6198.0
5°	5298.6	5302.4	5369.6	5413.7	5429.0	5413.7	5356.1	5256.4	5179.7	5149.0	5156.7
7.5°	4566.0	4633.2	4748.2	4876.7	4993.7	5028.2	4995.6	4805.8	4598.6	4468.2	4426.1
10°	4322.5	4412.6	4545.0	4646.6	4750.1	4832.6	4849.9	4702.2	4456.7	4148.0	4027.2
12.5°	4335.9	4458.7	4585.2	4617.8	4608.2	4640.8	4625.5	4600.6	4439.5	4046.3	3845.0
15°	4209.4	4355.1	4443.3	4426.1	4395.4	4366.6	4326.3	4263.0	4205.5	3929.4	3706.9
17.5°	3917.9	4067.4	4140.3	4146.1	4146.1	4138.4	4040.6	4017.6	4009.9	3875.7	3739.5
20°	3971.6	4054.0	4021.4	3967.7	3983.1	4034.8	3977.3	3965.8	4009.9	4069.4	4044.4
22.5°	4002.2	3973.5	3728.0	3490.2	3436.5	3597.6	3630.2	3758.7	3937.0	4151.8	4291.8
25°	3812.4	3580.3	3141.2	2872.7	2721.2	2870.8	3066.4	3304.2	3570.8	3846.9	4009.9
27.5°	3187.2	3010.8	2696.3	2454.7	2322.3	2345.3	2512.2	2728.9	2976.3	3162.3	3281.2
30°	2401.0	2322.3	2159.3	2076.9	1996.3	1977.1	2048.1	2130.6	2239.9	2262.9	2293.6
32.5°	1768.1	1756.6	1766.2	1739.4	1724.0	1722.1	1701.0	1720.2	1731.7	1745.1	1718.3
35°	1599.4	1584.0	1557.2	1549.5	1539.9	1543.7	1534.2	1524.6	1532.2	1543.7	1551.4
37.5°	1513.1	1490.1	1451.7	1438.3	1438.3	1444.0	1428.7	1424.9	1438.3	1474.7	1493.9
40°	1445.9	1419.1	1375.0	1357.7	1369.2	1384.6	1363.5	1355.8	1388.4	1426.8	1457.5
42.5°	1382.7	1361.6	1319.4	1300.2	1309.8	1338.6	1307.9	1302.1	1344.3	1386.5	1422.9
45°	1329.0	1307.9	1269.5	1259.9	1263.8	1290.6	1269.5	1269.5	1309.8	1355.8	1388.4
47.5°	1286.8	1259.9	1235.0	1227.3	1231.2	1246.5	1242.7	1242.7	1281.0	1329.0	1361.6
50°	1244.6	1221.6	1189.0	1192.8	1202.4	1223.5	1221.6	1227.3	1265.7	1325.1	1359.6
52.5°	1225.4	1190.9	1154.5	1158.3	1187.1	1212.0	1204.3	1210.1	1254.2	1365.4	1415.3
55°	1204.3	1158.3	1116.1	1121.9	1154.5	1190.9	1181.3	1189.0	1240.8	1392.3	1461.3
57.5°	1164.0	1110.3	1064.3	1068.2	1116.1	1154.5	1139.1	1148.7	1210.1	1363.5	1436.4
58°	1146.8	1100.8	1056.7	1058.6	1104.6	1146.8	1129.5	1137.2	1200.5	1355.8	1424.9
60°	1073.9	1047.1	1008.7	1010.6	1054.7	1091.2	1081.6	1089.3	1150.6	1300.2	1352.0
62.5°	974.2	958.9	949.3	949.3	976.1	1010.6	1020.2	1029.8	1085.4	1175.6	1221.6
65°	866.8	866.8	868.7	868.7	886.0	930.1	935.8	960.8	1012.5	1056.7	1091.2
67.5°	793.9	790.1	793.9	784.3	792.0	818.9	847.6	870.6	924.3	955.0	966.5
70°	700.0	698.0	700.0	686.5	696.1	719.1	738.3	776.7	832.3	855.3	861.0
72.5°	607.9	607.9	611.7	602.2	602.2	627.1	640.5	682.7	734.5	747.9	749.8
75°	512.0	517.8	517.8	504.4	508.2	523.5	540.8	575.3	623.3	632.8	632.8
77.5°	406.6	427.6	427.6	414.2	420.0	421.9	444.9	462.2	498.6	502.4	487.1
80°	295.3	316.4	333.7	322.2	331.8	320.3	333.7	345.2	381.6	364.4	339.4
82.5°	210.9	226.3	239.7	241.6	232.0	210.9	228.2	230.1	247.4	224.4	210.9
85°	117.0	130.4	147.7	140.0	124.7	111.2	117.0	120.8	118.9	113.1	105.5
87.5°	30.7	32.6	36.4	26.8	24.9	21.1	28.8	28.8	32.6	34.5	32.6
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: P455512

CATALOG NUMBER: GALN-SA6D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9
2.5°	6211.4	6295.8	6478.0	6616.1	6784.8	6990.0	7231.6	7475.2	7737.9	7820.4	7935.4
5°	5139.4	5350.4	5438.6	5689.8	5939.1	6313.1	6712.0	7174.1	7680.4	7923.9	8157.9
7.5°	4391.5	4504.7	4596.7	4780.8	5080.0	5534.5	6035.0	6612.2	7329.5	7684.2	8027.5
10°	3988.8	4000.3	4113.5	4341.7	4602.5	5003.3	5477.0	6123.2	6922.9	7354.4	7757.1
12.5°	3722.3	3672.4	3795.1	4032.9	4328.2	4698.4	5133.7	5749.3	6629.5	7072.5	7559.6
15°	3488.3	3409.7	3501.7	3745.3	4036.8	4472.1	4940.0	5592.0	6514.4	7030.3	7571.1
17.5°	3494.1	3277.4	3310.0	3515.1	3804.7	4247.7	4815.3	5586.3	6688.9	7283.4	7923.9
20°	3925.5	3578.4	3430.8	3469.1	3749.1	4232.4	4872.9	5854.7	7262.3	8129.1	8813.8
22.5°	4349.3	4140.3	3902.5	3823.9	3977.3	4483.6	5239.2	6489.5	8508.8	9814.8	11051.7
25°	4201.7	4380.0	4320.6	4209.4	4243.9	4663.8	5488.5	7011.1	9477.3	10948.2	12110.3
27.5°	3361.7	3685.8	3751.0	3749.1	3762.5	4107.7	4936.2	6660.2	9598.1	11164.9	12275.2
30°	2362.6	2391.4	2425.9	2493.0	2554.4	2863.1	3862.2	5847.1	9544.4	11262.7	12374.9
32.5°	1704.8	1743.2	1791.1	1883.2	2028.9	2422.1	3379.0	5588.2	9828.2	11667.3	12666.4
35°	1559.1	1603.2	1649.2	1754.7	1892.8	2257.1	3187.2	5480.8	10294.2	12323.1	13189.9
37.5°	1513.1	1562.9	1603.2	1679.9	1791.1	2138.2	3012.7	5407.9	10771.7	13017.4	13891.8
40°	1480.5	1538.0	1570.6	1632.0	1708.7	2028.9	2857.4	5350.4	11233.9	13652.1	14455.6
42.5°	1451.7	1511.1	1553.3	1597.4	1660.7	1931.1	2719.3	5292.9	11634.7	14267.7	15017.5
45°	1417.2	1492.0	1545.7	1580.2	1635.8	1848.7	2613.8	5246.8	12091.1	14814.2	15585.2
47.5°	1388.4	1470.9	1538.0	1578.3	1599.4	1791.1	2529.4	5310.1	12639.6	15385.7	16112.5
50°	1390.3	1469.0	1553.3	1616.6	1561.0	1743.2	2477.7	5561.3	13352.9	16064.6	16528.7
52.5°	1451.7	1547.6	1614.7	1630.0	1507.3	1685.7	2450.8	6000.5	14196.7	16664.8	16948.6
55°	1520.7	1620.5	1693.3	1683.7	1478.5	1612.8	2445.1	6468.4	15121.1	17364.8	17495.2
57.5°	1495.8	1641.6	1752.8	1702.9	1480.5	1541.8	2420.1	6846.2	15893.9	17888.3	18036.0
58°	1488.1	1633.9	1760.4	1699.1	1474.7	1520.7	2414.4	6878.8	16001.3	17924.7	18112.7
60°	1413.3	1566.8	1754.7	1670.3	1442.1	1463.2	2351.1	6984.3	15972.5	17736.8	18158.7
62.5°	1277.2	1403.8	1622.4	1530.3	1342.4	1386.5	2209.2	6853.9	15193.9	16831.7	17485.6
65°	1123.8	1217.7	1363.5	1346.2	1200.5	1307.9	2015.5	6338.0	13634.9	15362.7	16051.2
67.5°	1008.7	1085.4	1177.5	1152.5	1079.7	1202.4	1806.5	5465.4	11885.9	13598.4	14465.2
70°	891.7	951.2	997.2	979.9	956.9	1098.8	1620.5	4435.6	10209.8	11922.3	12762.3
72.5°	772.8	828.4	866.8	841.9	828.4	989.5	1469.0	3442.3	8063.9	9835.9	10915.6
75°	646.3	701.9	728.7	700.0	692.3	872.6	1244.6	2571.6	6050.3	7582.6	8514.6
77.5°	500.5	560.0	594.5	584.9	588.7	717.2	1004.9	1760.4	4326.3	5168.2	6150.1
80°	350.9	416.1	439.2	429.6	456.4	546.5	709.5	1118.0	2983.9	3354.1	4046.3
82.5°	216.7	278.1	281.9	291.5	310.7	404.6	535.0	680.8	1873.6	1936.9	2439.3
85°	109.3	132.3	141.9	157.3	174.5	247.4	304.9	421.9	1206.2	912.8	1363.5
87.5°	36.4	38.4	46.0	57.5	71.0	101.6	130.4	172.6	299.2	164.9	421.9
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: P455512

CATALOG NUMBER: GALN-SA6D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9	7294.9
2.5°	8167.5	8330.5	8449.4	8558.7	8453.2	8443.6	8340.1	8173.2	8104.2	8104.2
5°	8648.8	9030.5	9339.2	9536.7	9452.3	9249.1	8913.5	8485.8	8255.7	8215.4
7.5°	8781.2	9534.8	10108.2	10311.5	10169.6	9720.8	9078.4	8357.3	8027.5	7954.6
10°	8700.6	9680.6	10522.4	10844.6	10647.1	9968.2	9091.8	8207.8	7801.2	7716.8
12.5°	8616.2	9699.7	10599.1	11065.1	10936.6	10167.6	9189.6	8110.0	7640.1	7519.3
15°	8677.6	9707.4	10505.2	10986.5	11069.0	10407.4	9350.7	8180.9	7607.5	7479.0
17.5°	9065.0	9853.1	10370.9	10760.2	11049.8	10733.4	9809.0	8520.3	7899.0	7739.8
20°	9874.2	10202.2	10447.6	10748.7	11214.7	11398.8	10746.8	9452.3	8717.9	8577.9
22.5°	12217.7	12158.2	11655.8	11650.0	12325.1	13063.4	13019.3	11347.0	10242.4	10127.4
25°	13096.0	12819.8	12093.0	11916.6	12213.8	13352.9	13188.0	11734.4	10714.2	10434.2
27.5°	12752.7	12068.1	11590.6	11550.3	11452.5	12528.3	12925.3	11891.7	10879.1	10606.8
30°	12731.6	11724.8	11042.1	11122.7	11216.6	12244.5	13071.0	12384.5	11301.0	11009.5
32.5°	12783.4	11772.8	11082.4	11097.7	11377.7	12286.7	13232.1	12921.5	11855.2	11563.7
35°	12992.4	12045.1	11339.4	11302.9	11740.2	12562.9	13506.4	13765.3	12612.7	12281.0
37.5°	13329.9	12587.8	11809.2	11799.6	12434.4	13061.5	13847.7	14616.7	13366.4	13009.7
40°	13826.6	13222.5	12645.3	12593.5	13377.9	13872.6	14290.7	15523.8	14242.8	13784.4
42.5°	14426.9	13983.9	13748.0	13953.2	14706.8	14783.6	14981.1	16361.8	14988.7	14455.6
45°	14983.0	14961.9	15289.8	15834.5	16273.6	15813.4	15702.1	16923.7	15567.9	14988.7
47.5°	15644.6	16216.1	17205.6	18003.4	18463.6	17011.9	16317.7	17290.0	15989.8	15456.7
50°	16315.8	17717.6	19297.8	20410.1	20507.9	18314.0	16741.5	17635.2	16373.3	15819.1
52.5°	17021.5	18916.2	21019.9	22312.4	22122.6	19447.4	17151.9	17869.1	16768.4	16281.3
55°	17635.2	19650.7	21982.6	23223.4	22945.3	20137.8	17594.9	18122.3	17332.2	16921.8
57.5°	17978.4	19712.0	21742.9	22826.4	22525.3	20003.5	17798.2	18310.2	17692.7	17370.5
58°	18028.3	19629.6	21530.0	22596.3	22289.4	19890.4	17796.3	18302.5	17715.7	17391.6
60°	17984.2	19094.5	20738.0	21687.3	21365.1	19180.8	17723.4	18158.7	17424.2	17150.0
62.5°	17575.7	18166.4	19370.7	20061.1	19969.0	18072.4	17424.2	17616.0	16536.3	16271.7
65°	17038.8	16900.7	17619.8	18108.8	18177.9	17242.0	17127.0	16442.4	15397.2	15023.3
67.5°	16386.8	15466.3	15464.3	15742.4	15857.5	15964.9	16507.6	15167.1	13755.7	13360.6
70°	15280.2	13255.1	12645.3	12973.2	12877.4	13784.4	15401.1	13376.0	11776.6	11314.4
72.5°	13251.3	10518.6	9542.5	9964.4	9722.7	10810.1	13475.7	11007.6	9738.1	9170.4
75°	10741.0	7868.3	6861.5	7248.9	7099.3	8200.1	11212.8	7994.9	6984.3	6767.6
77.5°	8340.1	5701.3	5116.4	5062.7	5174.0	6102.1	8225.0	5398.3	4604.4	4456.7
80°	5358.1	4080.9	4115.4	4046.3	4103.9	3846.9	4993.7	3444.2	3118.2	2999.3
82.5°	3526.7	2843.9	3390.5	3129.7	2972.4	2587.0	3275.4	2255.2	1913.9	1848.7
85°	2402.9	2094.1	1906.2	1457.5	1716.3	1992.5	2456.6	1213.9	962.7	872.6
87.5°	1085.4	728.7	535.0	329.8	521.6	602.2	1192.8	141.9	109.3	113.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)