

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: P528626

Luminaire Tested: **GALN-SA3D-727-U-SLL-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P528626  
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-SA3D-727-U-SLL-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(3) 70 CRI, 2700K, 1200mA 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: 14384 lumens  
Efficiency: N/A  
Efficacy: 78.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B3 - U0 - G2

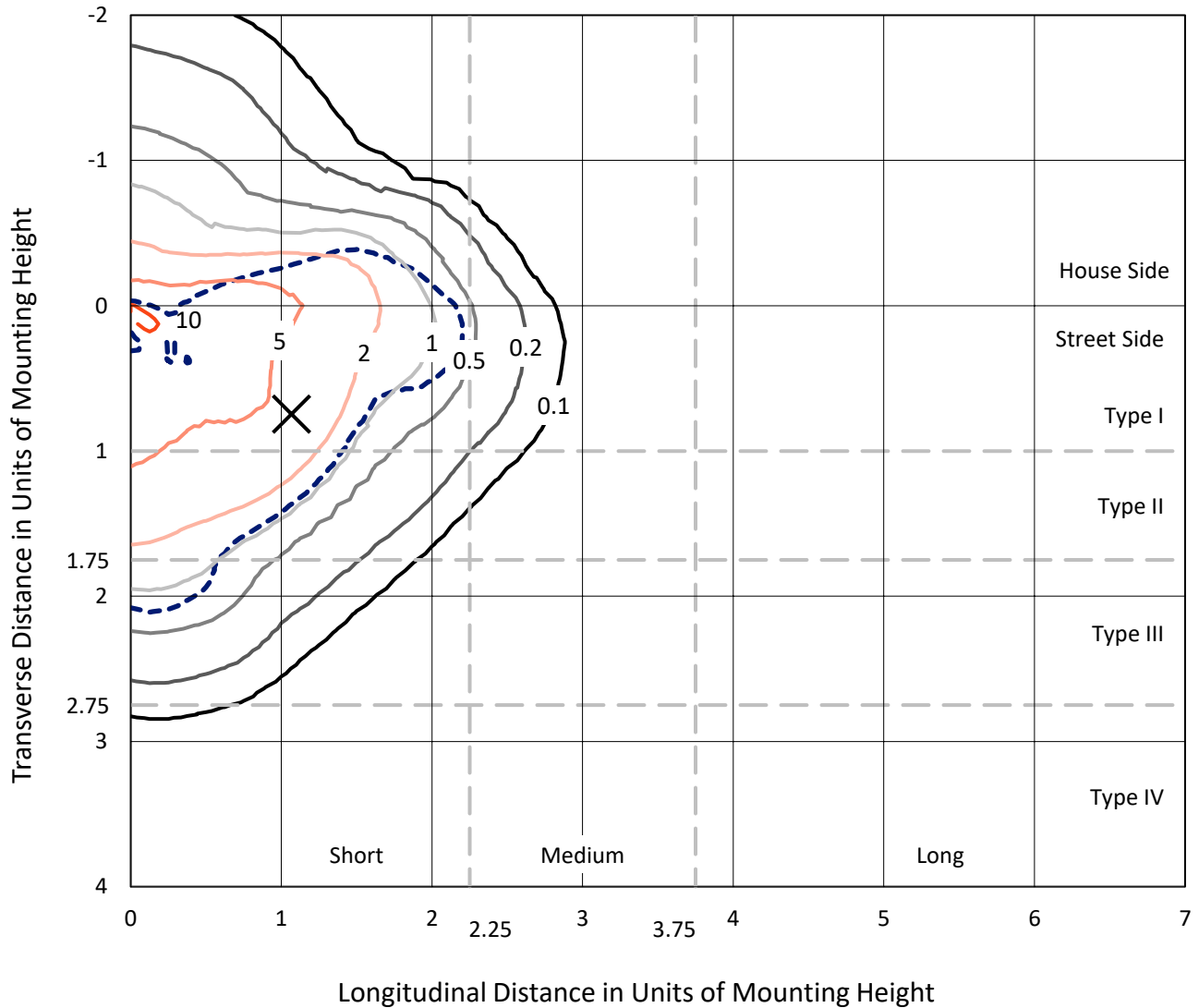
Input Watts (W): 184  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

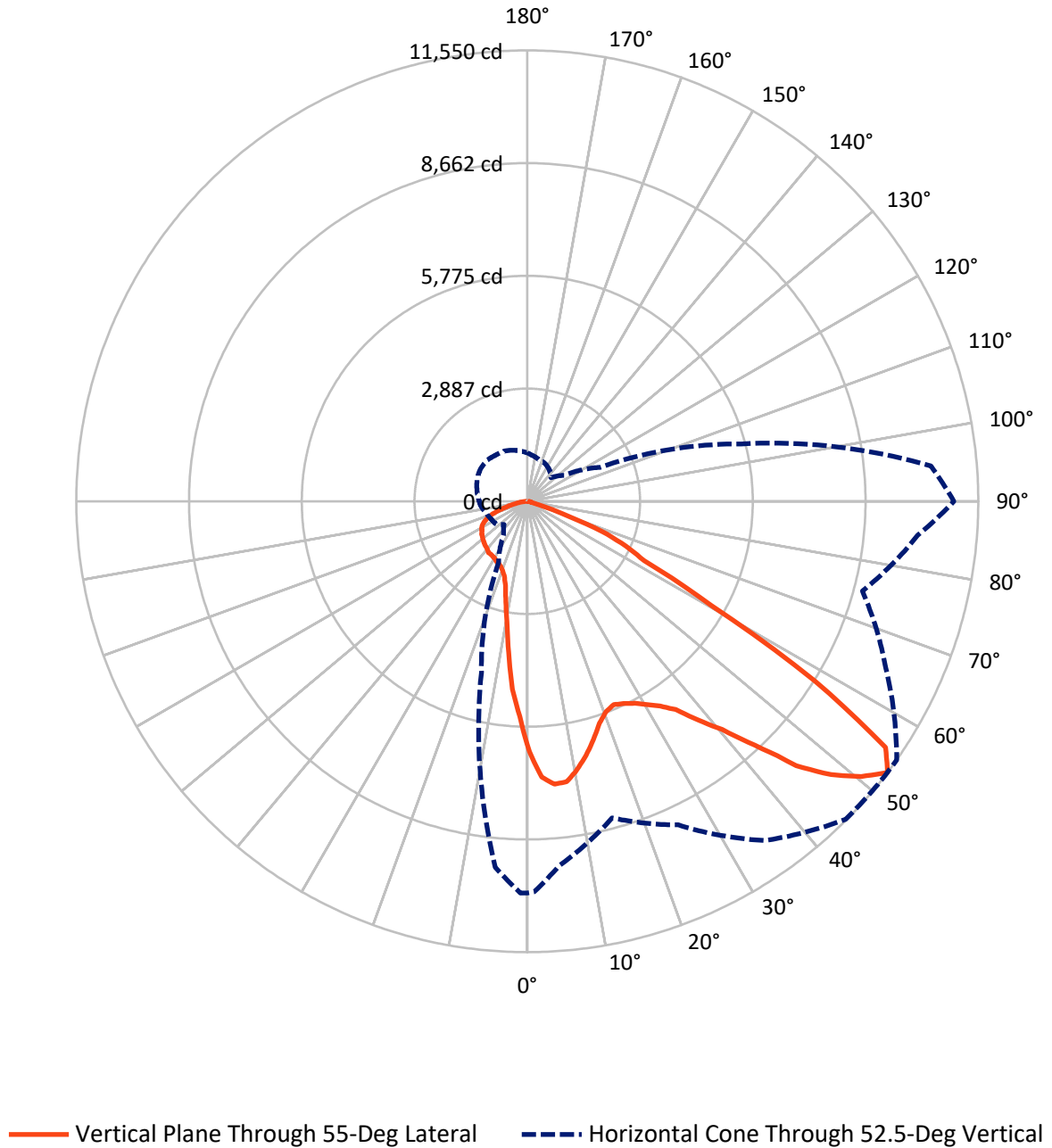
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.9 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4387.9	0.0	4387.9
	% Fixture	30.5	0.0	30.5
<b>Street Side</b>	Lumens	9996.1	0.0	9996.1
	% Fixture	69.5	0.0	69.5
<b>Total</b>	Lumens	14384.0	0.0	14384.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	490.2	3.4
10°-20°	1056.9	7.3
20°-30°	1602.7	11.1
30°-40°	2315.6	16.1
40°-50°	3094.3	21.5
50°-60°	3453.9	24.0
60°-70°	1894.6	13.2
70°-80°	409.6	2.8
80°-90°	66.3	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°	14384.0	100.0
0°-180°	14384.0	100.0

**Coefficient of Utilization**



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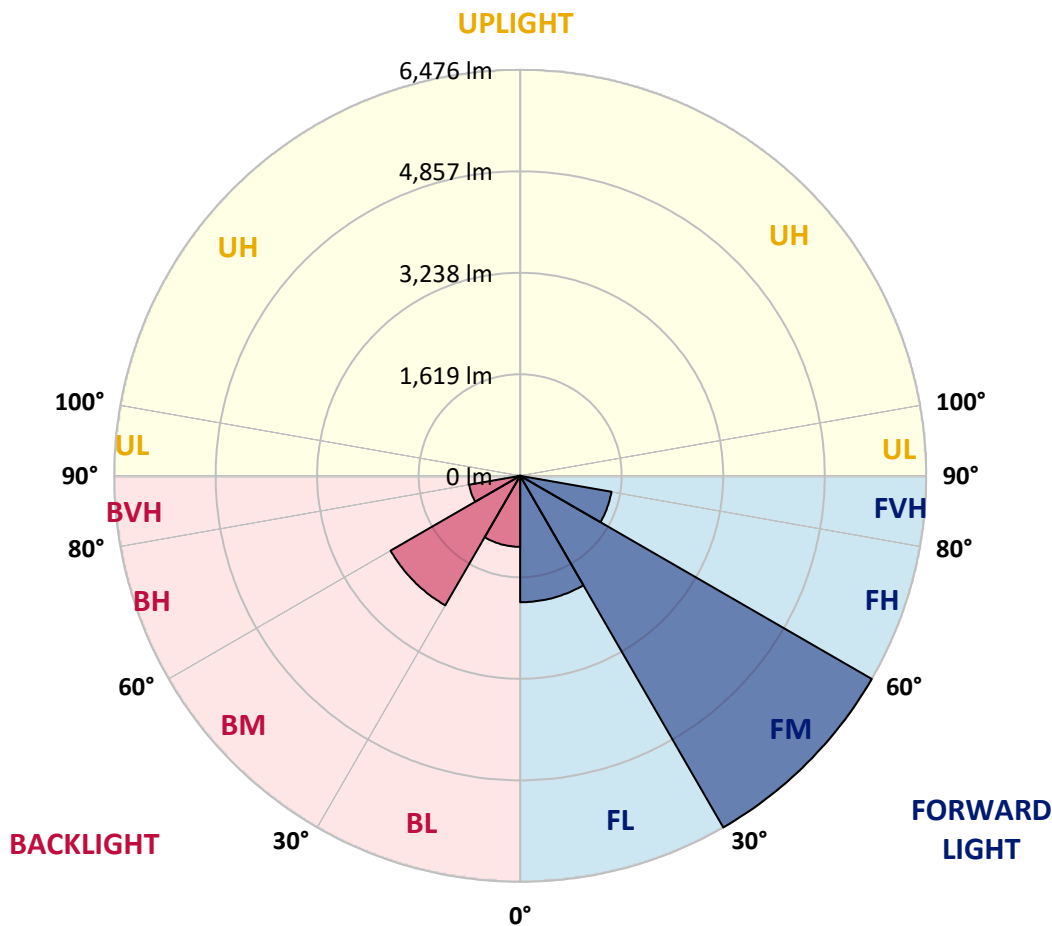
CATALOG NUMBER: GALN-SA3D-727-U-SLL-GRSWH

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2016.9	14.0			
FM (30°-60°)	6476.4	45.0			
FH (60°-80°)	1478.3	10.3			G1/1800
FVH (80°-90°)	24.5	0.2			G1/100
BL (0°-30°)	1132.9	7.9	B3/2500		
BM (30°-60°)	2387.4	16.6	B2/2500		
BH (60°-80°)	825.9	5.7	B2/1000		G2/1000
BVH (80°-90°)	41.7	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°	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4
2.5°	6733.5	6695.7	6729.3	6888.9	6981.4	7044.4	7084.3	7078.0	6926.7	6779.7	6779.7
5°	6536.1	6487.8	6557.1	6918.3	7281.7	7313.2	7365.7	7279.6	7057.0	6788.1	6452.1
7.5°	5964.8	6000.5	6116.0	6590.7	7063.3	7300.6	7363.6	7254.4	6893.1	6391.2	5897.6
10°	5471.2	5555.3	5822.0	6334.5	6769.2	7078.0	7147.3	6994.0	6708.3	6092.9	5651.9
12.5°	5301.1	5248.6	5544.8	6057.2	6473.1	6639.0	6670.5	6681.0	6487.8	5941.7	5404.0
15°	5280.1	5313.7	5544.8	5933.3	6189.5	6197.9	6250.5	6332.4	6357.6	6044.6	5519.6
17.5°	5582.6	5542.7	5780.0	6088.7	5966.9	5845.1	5857.7	5975.3	6183.2	6132.8	5882.9
20°	6029.9	6120.2	6307.2	6275.7	5948.0	5639.3	5641.4	5752.7	6162.2	6498.3	6389.1
22.5°	6773.4	6861.6	7000.3	6620.1	5948.0	5578.4	5507.0	5658.2	6296.7	6933.0	6960.4
25°	7451.8	7613.5	7651.3	7204.0	6246.3	5635.1	5588.9	5738.0	6431.1	7357.3	7615.6
27.5°	8069.3	8128.1	8294.0	7579.9	6412.2	5672.9	5668.7	5859.8	6601.2	7569.4	8201.6
30°	8556.6	8550.3	8644.8	7817.3	6676.8	5885.0	5681.3	6042.5	6823.8	7920.2	8743.5
32.5°	8888.4	8959.8	9159.4	8147.0	6788.1	6086.6	5927.0	6256.8	7094.8	8086.1	9125.7
35°	9472.3	9596.2	9344.2	8329.7	7141.0	6286.2	6099.2	6548.7	7229.2	8266.7	9594.1
37.5°	10022.6	9928.1	9671.8	8428.5	7369.9	6655.8	6481.5	7113.7	7647.1	8659.5	9905.0
40°	10375.4	10373.3	9917.6	8508.3	7531.6	7220.8	7210.3	7687.1	8159.6	8907.3	10253.6
42.5°	10528.7	10675.8	10018.4	8499.9	7871.9	7905.5	8117.6	8544.0	8523.0	8957.7	10245.2
44°	10738.8	10827.0	10192.7	8518.8	8098.7	8367.5	8867.4	9138.3	8840.1	8930.4	10234.7
45°	10730.4	10736.7	9944.9	8544.0	8291.9	8754.0	9201.4	9659.2	9119.4	8871.6	10373.3
47.5°	10484.6	10413.2	9734.8	8357.0	8894.7	9774.7	10188.5	10465.7	9463.9	8745.6	10201.1
50°	9999.5	9917.6	9224.5	8277.2	9020.7	10409.0	10980.3	11081.1	9776.8	8621.7	10031.0
52.5°	10033.1	10010.0	9369.4	8396.9	9146.7	10608.5	11524.3	11549.5	10131.8	8882.1	10033.1
55°	10633.8	10553.9	9785.2	8546.1	9054.3	10375.4	11177.7	11133.6	10012.1	8724.6	10217.9
57.5°	9730.6	9783.1	9209.8	7955.9	7924.4	8434.8	8787.6	8678.4	8354.9	7874.0	9505.9
60°	7850.9	8000.0	8054.6	6653.7	5979.5	5717.0	5612.0	5418.7	5473.3	6468.9	8350.7
62.5°	6733.5	6725.1	7067.5	6032.0	3917.0	3368.9	3318.5	3362.6	3992.6	6368.1	8178.5
65°	5338.9	5481.7	5586.8	5112.1	3100.0	2501.4	2499.3	2778.7	3455.0	5322.1	6603.3
67.5°	3389.9	3576.8	3707.0	3270.1	2073.0	1781.0	1732.7	2068.8	2394.3	3490.7	3975.8
70°	1911.3	1999.5	2058.3	1886.1	1319.0	924.1	869.5	949.3	1447.1	2259.9	2356.5
72.5°	737.2	777.1	856.9	863.2	497.8	298.2	241.5	289.8	609.1	894.7	852.7
75°	113.4	121.8	172.2	205.8	142.8	109.2	115.5	119.7	170.1	231.0	193.2
77.5°	54.6	54.6	52.5	60.9	71.4	77.7	84.0	92.4	100.8	111.3	107.1
80°	35.7	35.7	35.7	42.0	52.5	63.0	71.4	75.6	79.8	88.2	84.0
82.5°	23.1	23.1	23.1	31.5	42.0	52.5	56.7	67.2	75.6	88.2	81.9
85°	12.6	12.6	12.6	21.0	31.5	44.1	42.0	33.6	18.9	2.1	4.2
87.5°	4.2	4.2	4.2	4.2	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°	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4
2.5°	6603.3	6506.7	6498.3	6300.9	6124.4	6038.3	5969.0	5775.8	5817.8	5706.5	5704.4
5°	6284.1	6086.6	5767.4	5504.9	5242.3	5189.8	4960.9	4761.4	4767.7	4624.8	4650.0
7.5°	5710.7	5574.2	5185.6	4774.0	4425.3	4177.5	3961.1	3830.9	3665.0	3608.3	3578.9
10°	5347.3	5179.3	4742.4	4225.8	3835.1	3702.8	3494.9	3379.4	3209.2	3125.2	3066.4
12.5°	5187.7	4942.0	4395.9	3870.8	3610.4	3473.9	3297.5	3087.4	2885.8	2808.1	2701.0
15°	5204.5	4910.5	4295.1	3728.0	3415.1	3150.4	2992.9	2759.8	2553.9	2417.4	2339.7
17.5°	5458.6	5101.6	4341.3	3618.8	3169.3	2837.5	2528.7	2276.7	2112.9	2010.0	1984.8
20°	6059.3	5574.2	4419.0	3442.4	2923.6	2509.8	2129.7	1867.2	1741.1	1739.0	1741.1
22.5°	6559.2	6078.2	4576.5	3337.4	2677.9	2089.8	1711.7	1627.7	1602.5	1655.0	1661.3
25°	7233.4	6645.3	4847.5	3282.7	2451.0	1781.0	1547.9	1516.4	1514.3	1581.5	1583.6
27.5°	7924.4	7141.0	5009.2	3123.1	2220.0	1621.4	1449.2	1442.9	1476.5	1547.9	1541.6
30°	8394.8	7556.8	5301.1	2932.0	1947.0	1480.7	1409.3	1417.7	1463.9	1518.5	1526.9
32.5°	8943.0	7966.4	5376.7	2827.0	1778.9	1363.1	1312.7	1331.6	1390.4	1476.5	1522.7
35°	9571.0	8256.2	5492.3	2684.2	1715.9	1272.8	1247.6	1268.6	1340.0	1396.7	1447.1
37.5°	10035.2	8768.7	5513.3	2572.9	1646.6	1222.4	1182.5	1251.8	1293.8	1373.6	1398.8
40°	10379.6	9140.4	5567.9	2503.5	1592.0	1157.3	1157.3	1203.5	1260.2	1333.7	1384.1
42.5°	10600.1	9411.4	5607.8	2440.5	1487.0	1138.4	1127.9	1174.1	1249.7	1321.1	1344.2
44°	10734.6	9526.9	5567.9	2381.7	1457.6	1115.3	1115.3	1155.2	1214.0	1298.0	1325.3
45°	10768.2	9671.8	5479.6	2379.6	1421.9	1087.9	1083.7	1159.4	1199.3	1302.2	1319.0
47.5°	10898.4	9850.3	5490.2	2312.4	1335.8	1022.8	1096.3	1130.0	1165.7	1256.0	1312.7
50°	10894.2	9961.7	5467.0	2213.7	1272.8	949.3	1071.1	1109.0	1144.7	1237.1	1260.2
52.5°	10923.6	10377.5	5679.2	2056.2	1159.4	854.8	987.1	1071.1	1115.3	1193.0	1241.3
55°	10908.9	10614.9	5889.2	1938.6	999.7	798.1	915.7	1014.4	1077.4	1159.4	1182.5
57.5°	9963.8	9382.0	5450.2	1718.0	827.5	730.9	814.9	955.6	1035.4	1119.5	1148.9
60°	8140.7	7231.3	4494.6	1264.4	680.5	672.1	758.2	936.7	970.3	1043.8	1094.2
62.5°	7523.2	6342.9	3564.2	966.1	581.8	615.4	699.4	846.4	898.9	989.2	1035.4
65°	5887.1	4213.2	2207.4	653.2	512.5	552.4	632.2	741.4	827.5	911.5	966.1
67.5°	3486.5	2301.9	1092.1	457.9	447.4	489.4	571.3	653.2	751.9	844.3	871.6
70°	1898.7	1132.1	466.3	348.6	380.2	418.0	497.8	554.5	649.0	720.4	766.6
72.5°	609.1	344.4	233.1	258.3	289.8	333.9	382.3	451.6	518.8	560.8	598.6
75°	147.0	144.9	165.9	180.6	210.0	243.6	283.5	319.2	371.8	411.7	445.3
77.5°	102.9	111.3	128.1	149.1	159.6	172.2	197.4	224.7	247.8	277.2	298.2
80°	79.8	86.1	98.7	109.2	119.7	130.2	142.8	153.3	168.0	186.9	197.4
82.5°	75.6	79.8	92.4	98.7	94.5	92.4	100.8	105.0	107.1	113.4	119.7
85°	6.3	0.0	4.2	14.7	35.7	52.5	56.7	56.7	54.6	58.8	58.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	8.4	6.3
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°	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4
2.5°	5679.2	5607.8	5635.1	5668.7	5620.4	5509.1	5538.5	5525.9	5639.3	5630.9	5744.3
5°	4761.4	4650.0	4662.6	4826.5	4774.0	4830.7	4717.2	4702.5	4723.5	4734.0	4752.9
7.5°	3644.0	3629.3	3755.3	3893.9	3959.0	3891.8	3780.5	3755.3	3732.2	3686.0	3791.0
10°	2974.0	2978.2	2969.8	3074.8	3148.3	3133.6	3066.4	3058.0	3013.9	2997.1	3055.9
12.5°	2654.8	2598.1	2570.8	2537.1	2593.9	2631.7	2602.3	2581.3	2583.4	2604.4	2612.8
15°	2346.0	2310.3	2251.5	2213.7	2241.0	2222.1	2211.6	2253.6	2243.1	2238.9	2289.3
17.5°	1999.5	2028.9	2024.7	1982.7	2018.4	2003.7	2001.6	1972.2	1932.3	1902.9	1919.7
20°	1770.5	1825.1	1867.2	1869.3	1888.2	1886.1	1854.6	1764.2	1734.8	1728.5	1732.7
22.5°	1688.6	1718.0	1768.4	1839.9	1839.9	1806.2	1768.4	1663.4	1636.1	1606.7	1594.1
25°	1623.5	1680.2	1745.3	1753.7	1787.3	1755.8	1694.9	1642.4	1585.7	1545.8	1545.8
27.5°	1589.9	1652.9	1701.2	1715.9	1762.1	1736.9	1673.9	1606.7	1539.5	1537.4	1501.7
30°	1575.2	1634.0	1665.5	1701.2	1722.2	1682.3	1663.4	1592.0	1524.8	1508.0	1449.2
32.5°	1531.1	1615.1	1673.9	1665.5	1682.3	1665.5	1638.2	1579.4	1503.8	1466.0	1459.7
35°	1480.7	1564.7	1627.7	1671.8	1682.3	1646.6	1629.8	1550.0	1447.1	1428.2	1363.1
37.5°	1453.4	1503.8	1581.5	1652.9	1667.6	1648.7	1592.0	1510.1	1407.2	1386.2	1329.5
40°	1419.8	1484.9	1545.8	1604.6	1648.7	1602.5	1537.4	1457.6	1411.4	1348.4	1331.6
42.5°	1394.6	1468.1	1518.5	1583.6	1634.0	1573.1	1497.5	1442.9	1377.8	1335.8	1287.5
44°	1386.2	1453.4	1487.0	1566.8	1608.8	1562.6	1499.6	1442.9	1367.3	1329.5	1287.5
45°	1356.8	1449.2	1484.9	1556.3	1592.0	1554.2	1474.4	1417.7	1363.1	1316.9	1272.8
47.5°	1327.4	1390.4	1451.3	1508.0	1533.2	1520.6	1453.4	1384.1	1319.0	1291.7	1249.7
50°	1319.0	1382.0	1438.7	1491.2	1520.6	1495.4	1434.5	1367.3	1291.7	1247.6	1211.9
52.5°	1277.0	1354.7	1417.7	1434.5	1472.3	1457.6	1411.4	1337.9	1266.5	1228.7	1199.3
55°	1216.1	1298.0	1384.1	1405.1	1459.7	1436.6	1367.3	1298.0	1237.1	1180.4	1142.6
57.5°	1193.0	1272.8	1356.8	1384.1	1417.7	1379.9	1363.1	1289.6	1193.0	1163.6	1104.8
60°	1134.2	1235.0	1304.3	1367.3	1369.4	1358.9	1329.5	1245.5	1165.7	1111.1	1069.0
62.5°	1087.9	1182.5	1237.1	1295.9	1331.6	1302.2	1272.8	1195.1	1109.0	1048.0	999.7
65°	1020.7	1106.9	1153.1	1188.8	1228.7	1224.5	1174.1	1117.4	1027.0	978.7	932.5
67.5°	917.8	993.4	1056.4	1090.0	1115.3	1109.0	1071.1	1031.2	938.8	890.5	856.9
70°	793.9	871.6	911.5	930.4	955.6	968.2	938.8	919.9	838.0	775.0	743.5
72.5°	638.5	688.9	747.7	764.5	775.0	783.4	783.4	766.6	682.6	657.4	602.8
75°	470.5	510.4	554.5	554.5	573.4	575.5	579.7	569.2	506.2	472.6	460.0
77.5°	319.2	348.6	384.4	399.1	411.7	409.6	407.5	378.1	344.4	329.7	317.1
80°	207.9	237.3	254.1	273.0	285.6	283.5	287.7	266.7	252.0	226.8	231.0
82.5°	123.9	147.0	163.8	186.9	186.9	193.2	193.2	186.9	172.2	159.6	159.6
85°	58.8	77.7	88.2	102.9	111.3	113.4	100.8	86.1	71.4	65.1	71.4
87.5°	10.5	14.7	21.0	18.9	23.1	21.0	21.0	21.0	21.0	16.8	18.9
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: P528626

CATALOG NUMBER: GALN-SA3D-727-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4	6416.4
2.5°	5702.3	5807.3	5880.8	6002.6	6212.6	6380.7	6552.9	6681.0	6695.7	6733.5
5°	4822.3	4879.0	5065.9	5309.5	5481.7	5765.3	5948.0	6279.9	6403.8	6536.1
7.5°	3765.8	3858.2	4108.2	4272.0	4650.0	5005.0	5372.5	5782.1	5945.9	5964.8
10°	3175.6	3310.1	3480.2	3742.7	3948.5	4343.4	4801.3	5257.0	5439.7	5471.2
12.5°	2789.2	2961.4	3188.2	3377.3	3574.7	3919.1	4358.1	4921.0	5158.3	5301.1
15°	2417.4	2596.0	2845.9	3108.4	3282.7	3694.4	4211.1	4845.4	5154.1	5280.1
17.5°	2035.2	2201.1	2406.9	2690.5	3041.2	3503.3	4188.0	5097.4	5435.5	5582.6
20°	1707.5	1799.9	2039.4	2331.3	2770.3	3308.0	4196.4	5469.1	5964.8	6029.9
22.5°	1579.4	1600.4	1694.9	1963.8	2444.7	3108.4	4345.5	5996.3	6559.2	6773.4
25°	1480.7	1476.5	1501.7	1682.3	2207.4	3030.7	4492.5	6481.5	7218.7	7451.8
27.5°	1426.1	1384.1	1386.2	1556.3	2039.4	2904.7	4681.5	7038.1	7966.4	8069.3
30°	1398.8	1390.4	1365.2	1434.5	1856.7	2715.7	4713.0	7586.2	8407.4	8556.6
32.5°	1382.0	1300.1	1268.6	1293.8	1684.4	2509.8	4830.7	7947.5	8953.5	8888.4
35°	1298.0	1224.5	1203.5	1228.7	1562.6	2394.3	4752.9	8262.5	9363.1	9472.3
37.5°	1266.5	1201.4	1159.4	1138.4	1449.2	2297.7	4713.0	8747.7	9760.0	10022.6
40°	1237.1	1167.8	1117.4	1096.3	1361.0	2169.6	4700.4	9121.5	10217.9	10375.4
42.5°	1203.5	1159.4	1102.7	1064.8	1253.9	2041.5	4555.5	9237.1	10358.6	10528.7
44°	1193.0	1125.8	1066.9	1054.3	1211.9	1976.4	4526.1	9342.1	10480.4	10738.8
45°	1182.5	1119.5	1052.2	1035.4	1197.2	1940.7	4486.2	9367.3	10682.1	10730.4
47.5°	1153.1	1113.2	1048.0	1001.8	1165.7	1863.0	4366.5	9224.5	10476.2	10484.6
50°	1130.0	1083.7	1016.5	926.2	1123.7	1797.8	4421.1	9172.0	9980.6	9999.5
52.5°	1104.8	1035.4	997.6	842.2	1054.3	1743.2	4536.6	9409.3	10037.3	10033.1
55°	1075.3	999.7	907.3	770.8	938.8	1673.9	4816.0	9877.6	10562.3	10633.8
57.5°	1029.1	964.0	831.7	707.8	806.5	1541.6	4725.6	8980.8	9718.0	9730.6
60°	968.2	907.3	754.0	659.5	661.6	1216.1	4225.8	6998.2	7668.1	7850.9
62.5°	909.4	875.8	688.9	590.2	562.9	968.2	3572.6	5815.7	6582.3	6733.5
65°	840.1	758.2	632.2	537.7	483.1	678.4	2530.8	4345.5	5135.2	5338.9
67.5°	751.9	663.7	556.6	472.6	413.8	453.7	1306.4	2469.9	3270.1	3389.9
70°	657.4	575.5	468.4	399.1	333.9	312.9	575.5	1178.3	1787.3	1911.3
72.5°	539.8	464.2	373.9	315.0	249.9	216.3	193.2	315.0	634.3	737.2
75°	390.7	338.1	281.4	224.7	176.4	138.6	113.4	94.5	105.0	113.4
77.5°	287.7	245.7	207.9	159.6	123.9	98.7	77.7	58.8	56.7	54.6
80°	224.7	199.5	165.9	128.1	96.6	73.5	54.6	39.9	35.7	35.7
82.5°	176.4	163.8	136.5	105.0	79.8	58.8	39.9	27.3	23.1	23.1
85°	67.2	67.2	98.7	86.1	60.9	42.0	27.3	14.7	12.6	12.6
87.5°	16.8	16.8	16.8	16.8	14.7	12.6	12.6	6.3	4.2	4.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)