

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: P648166

Luminaire Tested: **GALN-SA9A-835-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P648166  
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-835-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 80 CRI, 3500K, 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: 27981.3 lumens  
Efficiency: N/A  
Efficacy: 102.1 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 (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

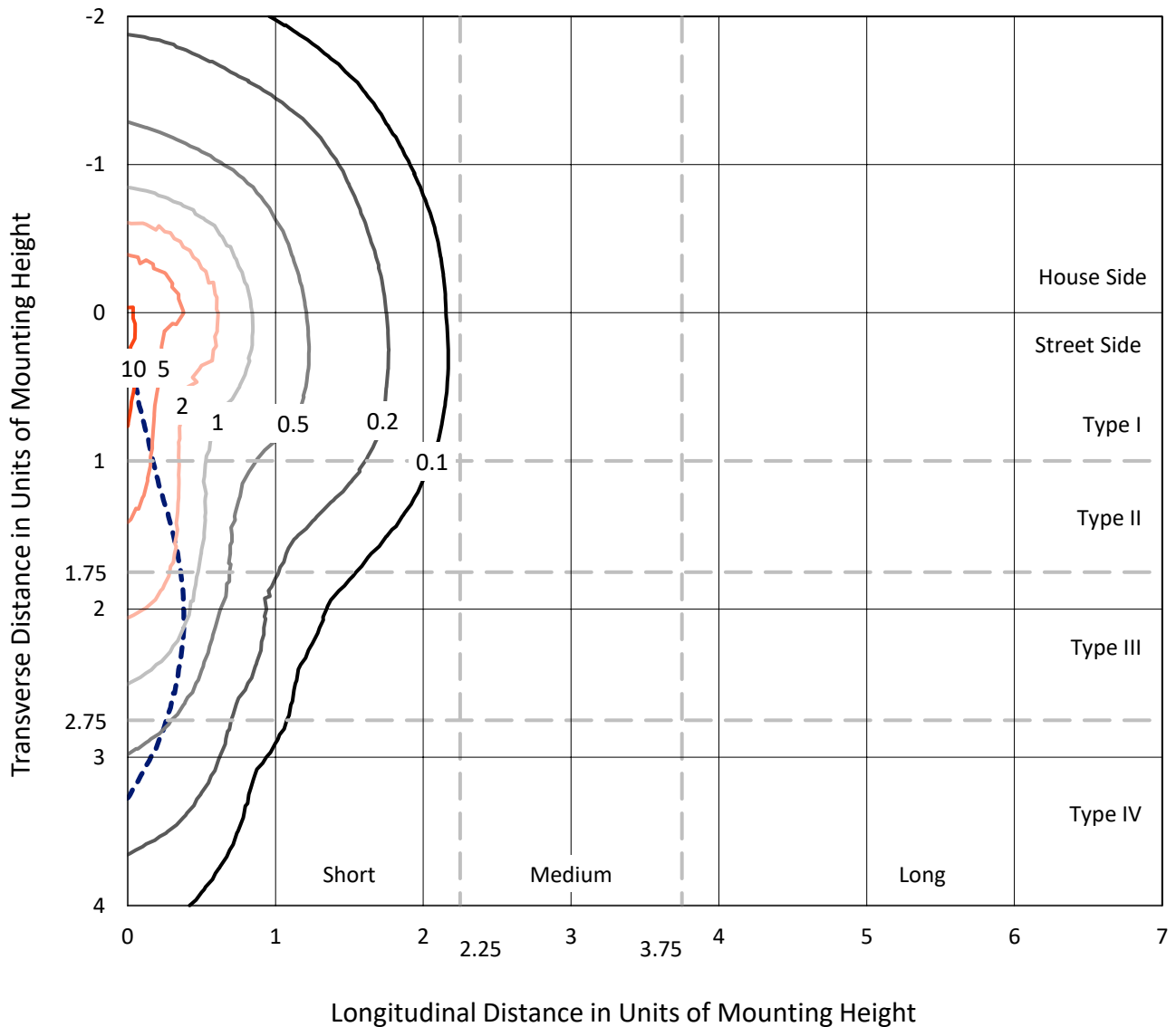




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### Iso-Footcandle Lines of Horizontal Illumination

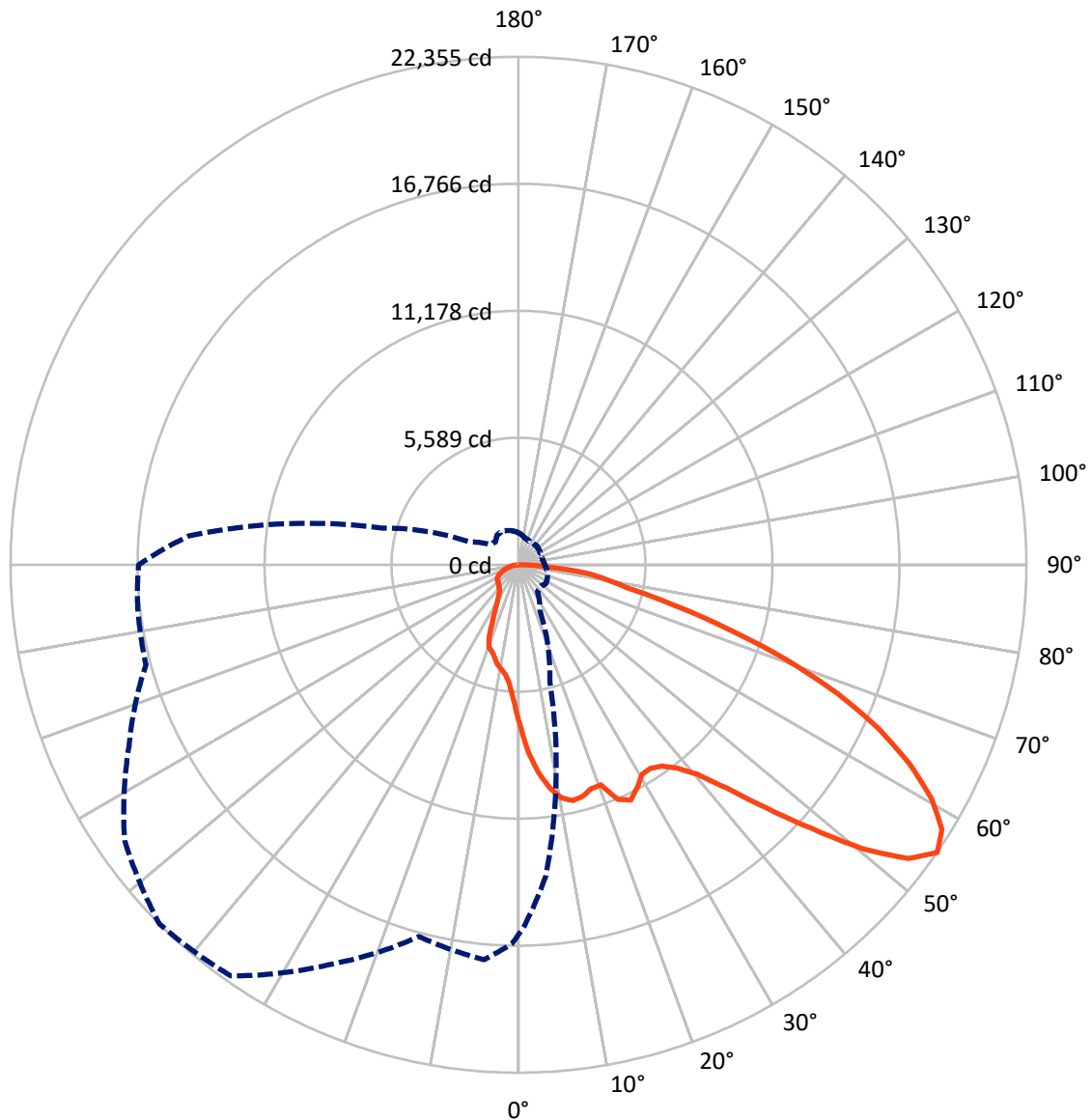
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12 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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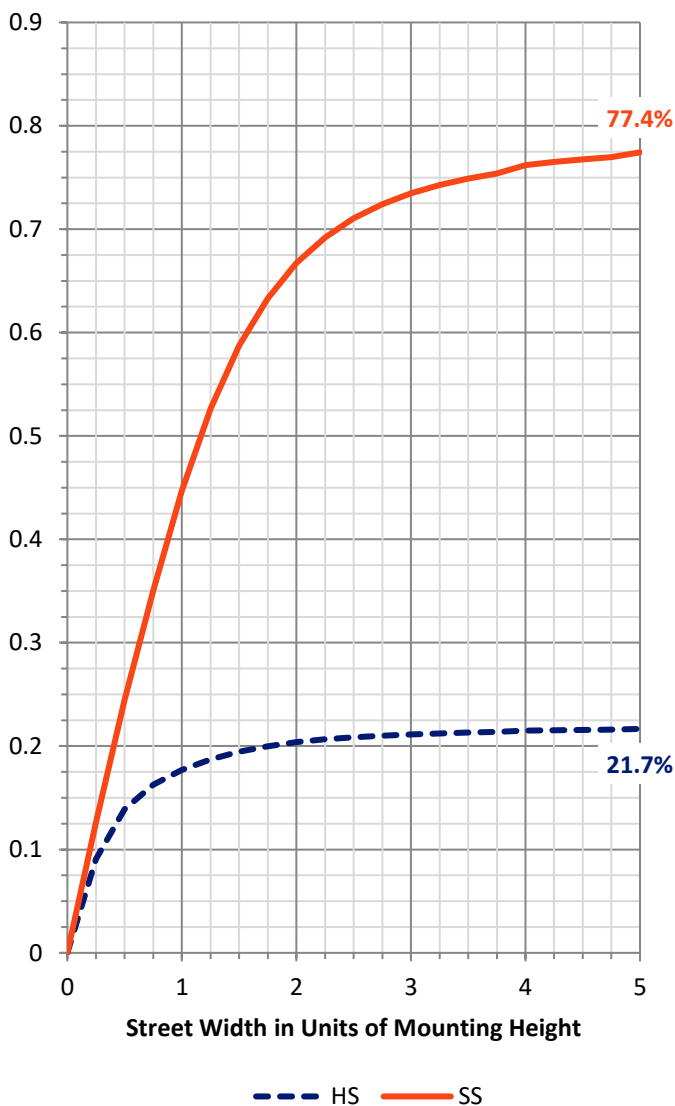
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6120.8	0.0	6120.8
	% Fixture	21.9	0.0	21.9
<b>Street Side</b>	Lumens	21860.5	0.0	21860.5
	% Fixture	78.1	0.0	78.1
<b>Total</b>	Lumens	27981.3	0.0	27981.3
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	595.2	2.1
10°-20°	1579.0	5.6
20°-30°	2727.7	9.7
30°-40°	3170.0	11.3
40°-50°	4422.8	15.8
50°-60°	6001.3	21.4
60°-70°	5709.5	20.4
70°-80°	3084.4	11.0
80°-90°	691.3	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°	27981.3	100.0
0°-180°	27981.3	100.0

**Coefficient of Utilization**

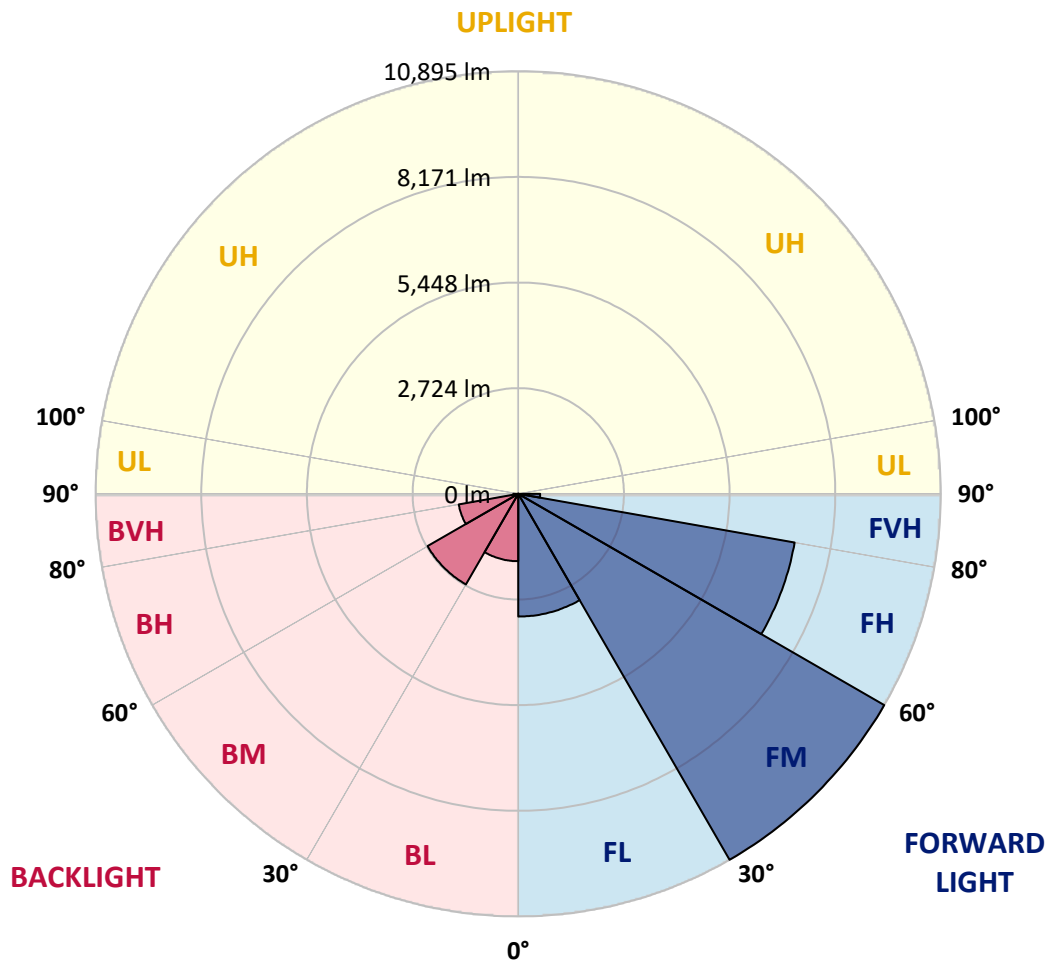


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3164.7	11.3			
FM (30°-60°)	10895.3	38.9			
FH (60°-80°)	7235.5	25.9			G3/7500
FVH (80°-90°)	564.9	2.0			G4/750
BL (0°-30°)	1737.1	6.2	B3/2500		
BM (30°-60°)	2698.9	9.6	B3/5000		
BH (60°-80°)	1558.5	5.6	B3/2500		G3/2500
BVH (80°-90°)	126.3	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°	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2
2.5°	7801.3	7771.7	7688.6	7470.8	7251.1	7027.7	6856.1	6642.0	6418.6	6298.6	6145.4
5°	7908.3	7875.1	7679.4	7188.3	6743.4	6276.4	5903.5	5576.8	5443.9	5248.2	5091.3
7.5°	7657.3	7642.5	7348.9	6643.8	6034.6	5423.6	5000.9	4738.7	4500.5	4412.0	4430.4
10°	7428.3	7369.3	7001.9	6080.8	5370.0	4873.5	4570.7	4314.1	4146.1	4101.8	4111.1
12.5°	7238.2	7158.8	6725.0	5702.4	5080.2	4683.4	4297.5	4029.9	3876.6	3919.1	4063.1
15°	7199.5	7092.3	6608.7	5573.1	4921.5	4410.1	3987.3	3679.1	3564.6	3656.9	3887.7
17.5°	7450.5	7315.7	6808.1	5615.5	4770.1	4131.3	3612.6	3260.0	3164.0	3311.7	3612.6
20°	8257.2	8057.9	7430.2	5861.1	4755.3	3992.9	3394.8	3040.4	3080.9	3361.6	3675.4
22.5°	9748.7	9449.7	8519.4	6219.2	4832.8	3957.8	3350.5	3165.9	3389.3	3627.4	3834.2
25°	10044.1	9809.7	8715.0	6300.4	4816.2	3933.9	3476.1	3568.4	3817.5	3935.7	3863.7
27.5°	10210.2	9942.6	8702.1	5898.0	4306.7	3568.4	3322.8	3476.1	3538.8	3424.4	3228.7
30°	10597.9	10319.2	8921.7	5475.3	3546.2	2647.2	2320.4	2257.7	2300.1	2322.3	2252.1
32.5°	11131.4	10856.4	9335.2	5198.3	3066.2	2189.3	1868.2	1779.5	1759.2	1735.3	1707.6
35°	11821.8	11399.1	9741.4	5021.1	2868.7	2025.1	1729.7	1661.4	1633.7	1600.5	1570.9
37.5°	12523.3	12080.3	10254.6	4834.7	2737.6	1910.6	1637.4	1606.0	1558.0	1522.9	1480.5
40°	13269.1	12772.5	10721.6	4672.2	2610.3	1836.8	1570.9	1567.3	1504.5	1463.9	1414.0
42.5°	13915.2	13403.9	11138.8	4572.6	2512.4	1759.2	1530.4	1541.4	1476.8	1415.9	1351.3
45°	14428.4	13926.3	11524.6	4572.6	2433.0	1681.7	1522.9	1515.6	1451.0	1375.3	1301.4
47.5°	14878.8	14360.1	11901.2	4688.8	2383.2	1617.1	1482.4	1495.3	1428.8	1332.8	1260.8
50°	15227.7	14769.9	12408.8	4869.8	2333.3	1565.5	1430.6	1500.8	1410.3	1310.7	1227.6
52.5°	15672.6	15262.8	13019.9	5117.1	2290.9	1508.2	1384.5	1500.8	1408.5	1312.5	1222.0
55°	16289.1	15857.2	13756.4	5322.1	2222.6	1454.7	1343.9	1458.3	1403.0	1303.3	1207.3
57.5°	16721.1	16398.1	14277.0	5458.6	2124.7	1386.4	1307.0	1417.7	1378.9	1268.2	1163.0
58°	16741.4	16425.8	14352.7	5490.0	2100.8	1373.5	1297.7	1399.3	1367.9	1253.4	1148.2
60°	16508.9	16237.5	14367.5	5445.7	1964.2	1308.8	1249.7	1323.6	1308.8	1166.7	1068.9
62.5°	15663.4	15373.6	13771.2	5085.7	1783.2	1229.5	1175.9	1222.0	1188.8	1044.8	954.4
65°	14461.6	13928.2	12545.5	4520.9	1654.0	1144.5	1076.2	1079.9	1044.8	941.5	862.1
67.5°	12861.2	12264.8	10621.9	3810.2	1556.2	1050.4	958.1	948.8	906.4	839.9	775.3
70°	10891.5	10483.5	8631.9	3099.4	1447.3	947.0	825.2	819.6	793.8	743.9	686.7
72.5°	8827.6	8308.9	6970.5	2481.0	1314.3	847.3	701.5	712.5	679.3	644.3	592.6
75°	6514.6	6174.9	5388.5	1990.0	1135.3	738.4	585.2	588.9	574.1	537.2	496.6
77.5°	4290.1	4188.6	3854.5	1307.0	873.1	587.0	478.1	481.8	470.7	437.5	395.0
80°	2887.2	2818.9	2612.1	841.8	583.3	424.5	369.2	372.9	371.1	336.0	278.7
82.5°	1779.5	1750.0	1683.5	568.5	404.3	304.6	243.7	254.7	275.1	236.3	190.1
85°	839.9	841.8	1017.1	310.1	238.1	195.7	132.9	142.1	142.1	142.1	107.0
87.5°	108.9	114.5	140.3	131.1	86.8	73.8	48.0	40.6	35.1	46.1	33.2
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2
2.5°	6091.8	6054.9	5975.5	5957.1	5946.0	5977.3	5894.3	5916.4	5879.5	5982.9	5966.3
5°	5100.5	5104.2	5168.8	5211.3	5226.1	5211.3	5155.9	5059.9	4986.1	4956.5	4963.9
7.5°	4395.4	4460.0	4570.7	4694.4	4807.0	4840.2	4808.9	4626.1	4426.7	4301.2	4260.6
10°	4160.9	4247.7	4375.0	4472.9	4572.6	4652.0	4668.6	4526.4	4290.1	3992.9	3876.6
12.5°	4173.9	4291.9	4413.8	4445.2	4435.9	4467.3	4452.6	4428.6	4273.5	3895.1	3701.2
15°	4051.9	4192.3	4277.2	4260.6	4231.0	4203.4	4164.6	4103.7	4048.3	3782.4	3568.4
17.5°	3771.4	3915.4	3985.5	3991.0	3991.0	3983.7	3889.6	3867.4	3860.0	3730.8	3599.7
20°	3823.1	3902.5	3871.1	3819.4	3834.2	3884.0	3828.6	3817.5	3860.0	3917.2	3893.2
22.5°	3852.6	3825.0	3588.6	3359.7	3308.0	3463.1	3494.5	3618.2	3789.9	3996.6	4131.3
25°	3669.8	3446.5	3023.8	2765.3	2619.4	2763.4	2951.8	3180.7	3437.3	3703.1	3860.0
27.5°	3068.0	2898.2	2595.5	2362.9	2235.5	2257.7	2418.3	2626.9	2865.0	3044.1	3158.5
30°	2311.2	2235.5	2078.6	1999.2	1921.7	1903.2	1971.5	2050.9	2156.1	2178.3	2207.8
32.5°	1702.0	1691.0	1700.2	1674.4	1659.6	1657.7	1637.4	1655.9	1666.9	1679.8	1654.0
35°	1539.5	1524.8	1499.0	1491.5	1482.4	1486.1	1476.8	1467.6	1474.9	1486.1	1493.4
37.5°	1456.5	1434.4	1397.4	1384.5	1384.5	1390.1	1375.3	1371.6	1384.5	1419.6	1438.1
40°	1391.9	1366.0	1323.6	1307.0	1318.0	1332.8	1312.5	1305.1	1336.5	1373.5	1403.0
42.5°	1330.9	1310.7	1270.0	1251.6	1260.8	1288.5	1259.0	1253.4	1294.1	1334.7	1369.7
45°	1279.3	1259.0	1222.0	1212.8	1216.5	1242.4	1222.0	1222.0	1260.8	1305.1	1336.5
47.5°	1238.7	1212.8	1188.8	1181.5	1185.1	1199.9	1196.2	1196.2	1233.1	1279.3	1310.7
50°	1198.1	1175.9	1144.5	1148.2	1157.4	1177.8	1175.9	1181.5	1218.3	1275.6	1308.8
52.5°	1179.6	1146.4	1111.3	1115.0	1142.7	1166.7	1159.3	1164.9	1207.3	1314.3	1362.3
55°	1159.3	1115.0	1074.4	1079.9	1111.3	1146.4	1137.2	1144.5	1194.4	1340.2	1406.7
57.5°	1120.6	1068.9	1024.6	1028.2	1074.4	1111.3	1096.5	1105.8	1164.9	1312.5	1382.6
58°	1103.9	1059.6	1017.1	1019.0	1063.3	1103.9	1087.3	1094.7	1155.6	1305.1	1371.6
60°	1033.8	1008.0	971.0	972.9	1015.3	1050.4	1041.2	1048.5	1107.6	1251.6	1301.4
62.5°	937.8	923.0	913.8	913.8	939.6	972.9	982.0	991.3	1044.8	1131.6	1175.9
65°	834.4	834.4	836.2	836.2	852.8	895.3	900.8	924.9	974.7	1017.1	1050.4
67.5°	764.2	760.5	764.2	755.0	762.4	788.2	816.0	838.1	889.8	919.3	930.4
70°	673.8	672.0	673.8	660.9	670.1	692.3	710.7	747.6	801.2	823.3	828.9
72.5°	585.2	585.2	588.9	579.7	579.7	603.6	616.5	657.2	707.0	720.0	721.8
75°	492.9	498.5	498.5	485.5	489.2	503.9	520.5	553.8	599.9	609.2	609.2
77.5°	391.3	411.6	411.6	398.7	404.3	406.1	428.3	444.9	480.0	483.7	468.9
80°	284.3	304.6	321.2	310.1	319.4	308.3	321.2	332.3	367.4	350.7	326.7
82.5°	203.0	217.8	230.8	232.6	223.4	203.0	219.7	221.5	238.1	216.0	203.0
85°	112.6	125.5	142.1	134.8	120.0	107.0	112.6	116.3	114.5	108.9	101.6
87.5°	29.5	31.4	35.1	25.8	24.0	20.3	27.7	27.7	31.4	33.2	31.4
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°	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2
2.5°	5979.2	6060.4	6235.8	6368.7	6531.2	6728.7	6961.3	7195.8	7448.6	7528.0	7638.8
5°	4947.3	5150.3	5235.3	5477.1	5717.1	6077.0	6461.0	6905.9	7393.2	7627.7	7852.9
7.5°	4227.3	4336.3	4424.9	4602.1	4890.1	5327.6	5809.4	6365.0	7055.5	7396.9	7727.3
10°	3839.7	3850.8	3959.7	4179.3	4430.4	4816.2	5272.2	5894.3	6664.1	7079.4	7467.1
12.5°	3583.1	3535.1	3653.2	3882.1	4166.4	4522.7	4941.7	5534.3	6381.7	6808.1	7277.0
15°	3357.9	3282.2	3370.8	3605.2	3885.9	4304.9	4755.3	5383.0	6270.9	6767.5	7288.0
17.5°	3363.5	3154.9	3186.2	3383.7	3662.5	4088.9	4635.4	5377.4	6438.8	7011.1	7627.7
20°	3778.8	3444.7	3302.5	3339.4	3608.9	4074.1	4690.7	5635.9	6990.9	7825.2	8484.3
22.5°	4186.8	3985.5	3756.6	3681.0	3828.6	4316.0	5043.3	6246.9	8190.7	9447.8	10638.5
25°	4044.6	4216.3	4159.1	4051.9	4085.2	4489.5	5283.3	6749.0	9123.0	10538.9	11657.5
27.5°	3236.1	3548.0	3610.8	3608.9	3621.8	3954.2	4751.6	6411.2	9239.2	10747.5	11816.3
30°	2274.3	2301.9	2335.2	2399.8	2458.9	2756.1	3717.8	5628.4	9187.6	10841.6	11912.2
32.5°	1641.1	1678.0	1724.2	1812.8	1953.0	2331.5	3252.7	5379.3	9460.8	11231.1	12192.9
35°	1500.8	1543.3	1587.5	1689.1	1822.0	2172.7	3068.0	5275.9	9909.3	11862.4	12696.8
37.5°	1456.5	1504.5	1543.3	1617.1	1724.2	2058.3	2900.1	5205.8	10369.0	12530.7	13372.5
40°	1425.1	1480.5	1511.9	1570.9	1644.8	1953.0	2750.5	5150.3	10813.9	13141.7	13915.2
42.5°	1397.4	1454.7	1495.3	1537.7	1598.7	1858.9	2617.6	5095.0	11199.7	13734.3	14456.1
45°	1364.2	1436.2	1487.9	1521.1	1574.6	1779.5	2516.1	5050.7	11639.1	14260.4	15002.5
47.5°	1336.5	1415.9	1480.5	1519.3	1539.5	1724.2	2434.9	5111.6	12167.0	14810.5	15510.1
50°	1338.4	1414.0	1495.3	1556.2	1502.7	1678.0	2385.0	5353.4	12853.7	15464.0	15910.7
52.5°	1397.4	1489.7	1554.3	1569.1	1451.0	1622.6	2359.2	5776.2	13666.0	16041.8	16315.0
55°	1463.9	1559.9	1630.0	1620.8	1423.3	1552.5	2353.6	6226.6	14555.7	16715.6	16841.2
57.5°	1439.9	1580.2	1687.3	1639.3	1425.1	1484.2	2329.7	6590.3	15299.7	17219.6	17361.7
58°	1432.5	1572.8	1694.6	1635.5	1419.6	1463.9	2324.1	6621.6	15403.1	17254.7	17435.5
60°	1360.5	1508.2	1689.1	1607.9	1388.2	1408.5	2263.2	6723.2	15375.4	17073.7	17479.8
62.5°	1229.5	1351.3	1561.7	1473.1	1292.2	1334.7	2126.6	6597.6	14625.9	16202.4	16831.9
65°	1081.8	1172.2	1312.5	1295.9	1155.6	1259.0	1940.1	6101.1	13125.1	14788.4	15451.1
67.5°	971.0	1044.8	1133.5	1109.4	1039.3	1157.4	1739.0	5261.1	11441.6	13090.0	13924.4
70°	858.4	915.6	960.0	943.3	921.1	1057.8	1559.9	4269.8	9828.1	11476.6	12285.2
72.5°	743.9	797.5	834.4	810.4	797.5	952.5	1414.0	3313.6	7762.4	9468.2	10507.5
75°	622.1	675.7	701.5	673.8	666.4	839.9	1198.1	2475.5	5824.2	7299.1	8196.3
77.5°	481.8	539.0	572.3	563.1	566.7	690.4	967.3	1694.6	4164.6	4975.0	5920.1
80°	337.8	400.6	422.7	413.5	439.3	526.1	683.0	1076.2	2872.4	3228.7	3895.1
82.5°	208.6	267.7	271.4	280.6	299.0	389.5	515.1	655.4	1803.6	1864.5	2348.1
85°	105.2	127.4	136.6	151.4	168.0	238.1	293.5	406.1	1161.1	878.7	1312.5
87.5°	35.1	37.0	44.3	55.4	68.3	97.9	125.5	166.2	288.0	158.8	406.1
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: P648166  
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**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2	7022.2
2.5°	7862.2	8019.0	8133.5	8238.7	8137.2	8127.9	8028.3	7867.7	7801.3	7801.3
5°	8325.5	8692.9	8990.0	9180.2	9098.9	8903.3	8580.3	8168.6	7947.1	7908.3
7.5°	8452.9	9178.3	9730.3	9926.0	9789.4	9357.4	8739.0	8044.9	7727.3	7657.3
10°	8375.4	9318.6	10129.0	10439.2	10249.0	9595.5	8751.9	7900.9	7509.5	7428.3
12.5°	8294.1	9337.1	10202.9	10651.5	10527.7	9787.5	8846.1	7806.7	7354.5	7238.2
15°	8353.2	9344.5	10112.4	10575.7	10655.1	10018.3	9001.1	7875.1	7323.1	7199.5
17.5°	8726.1	9484.8	9983.2	10357.9	10636.7	10332.1	9442.4	8201.8	7603.7	7450.5
20°	9505.1	9820.8	10057.0	10346.9	10795.5	10972.6	10345.0	9098.9	8392.0	8257.2
22.5°	11760.9	11703.7	11220.0	11214.5	11864.3	12575.0	12532.5	10922.8	9859.5	9748.7
25°	12606.4	12340.5	11640.9	11471.1	11757.2	12853.7	12695.0	11295.7	10313.7	10044.1
27.5°	12276.0	11616.9	11157.3	11118.5	11024.3	12060.0	12442.1	11447.1	10472.4	10210.2
30°	12255.7	11286.5	10629.3	10706.8	10797.3	11786.7	12582.4	11921.5	10878.5	10597.9
32.5°	12305.5	11332.7	10668.1	10682.9	10952.4	11827.4	12737.5	12438.4	11412.0	11131.4
35°	12506.7	11594.7	10915.4	10880.3	11301.3	12093.2	13001.4	13250.6	12141.2	11821.8
37.5°	12831.6	12117.2	11367.7	11358.5	11969.5	12573.2	13330.0	14070.3	12866.6	12523.3
40°	13309.7	12728.2	12172.6	12122.7	12877.8	13354.0	13756.4	14943.4	13710.3	13269.1
42.5°	13887.5	13461.1	13234.0	13431.6	14157.0	14230.9	14421.0	15750.1	14428.4	13915.2
45°	14422.9	14402.6	14718.2	15242.5	15665.2	15222.1	15115.1	16291.0	14985.9	14428.4
47.5°	15059.8	15609.8	16562.4	17330.3	17773.3	16375.9	15707.7	16643.6	15392.0	14878.8
50°	15705.8	17055.2	18576.4	19647.0	19741.2	17629.4	16115.6	16975.9	15761.2	15227.7
52.5°	16385.1	18209.0	20234.1	21478.3	21295.6	18720.4	16510.7	17201.1	16141.5	15672.6
55°	16975.9	18916.0	21160.8	22355.1	22087.5	19384.9	16937.2	17444.8	16684.2	16289.1
57.5°	17306.3	18975.1	20930.1	21973.0	21683.2	19255.7	17132.8	17625.6	17031.3	16721.1
58°	17354.3	18895.7	20725.1	21751.5	21456.2	19146.8	17130.9	17618.3	17053.4	16741.4
60°	17311.8	18380.7	19962.7	20876.5	20566.4	18463.8	17060.8	17479.8	16772.8	16508.9
62.5°	16918.7	17487.2	18646.5	19311.1	19222.5	17396.8	16772.8	16957.4	15918.2	15663.4
65°	16401.7	16268.9	16961.1	17431.9	17498.3	16597.5	16486.7	15827.6	14821.6	14461.6
67.5°	15774.2	14888.0	14886.2	15153.9	15264.7	15368.0	15890.4	14600.1	13241.4	12861.2
70°	14709.0	12759.6	12172.6	12488.2	12395.9	13269.1	14825.2	12875.9	11336.4	10891.5
72.5°	12755.9	10125.4	9185.8	9591.8	9359.3	10405.9	12971.9	10596.1	9374.0	8827.6
75°	10339.5	7574.2	6605.0	6977.9	6833.9	7893.5	10793.6	7696.0	6723.2	6514.6
77.5°	8028.3	5488.2	4925.1	4873.5	4980.5	5874.0	7917.5	5196.5	4432.2	4290.1
80°	5157.8	3928.3	3961.5	3895.1	3950.5	3703.1	4807.0	3315.5	3001.6	2887.2
82.5°	3394.8	2737.6	3263.8	3012.7	2861.3	2490.3	3153.0	2170.9	1842.3	1779.5
85°	2313.1	2015.8	1835.0	1403.0	1652.2	1918.0	2364.7	1168.5	926.7	839.9
87.5°	1044.8	701.5	515.1	317.5	502.1	579.7	1148.2	136.6	105.2	108.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)