

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: P652566

Luminaire Tested: **GALN-SA8B-840-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P652566  
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-SA8B-840-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(8) 80 CRI, 4000K, 800mA 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: 33309.5 lumens  
Efficiency: N/A  
Efficacy: 102.5 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

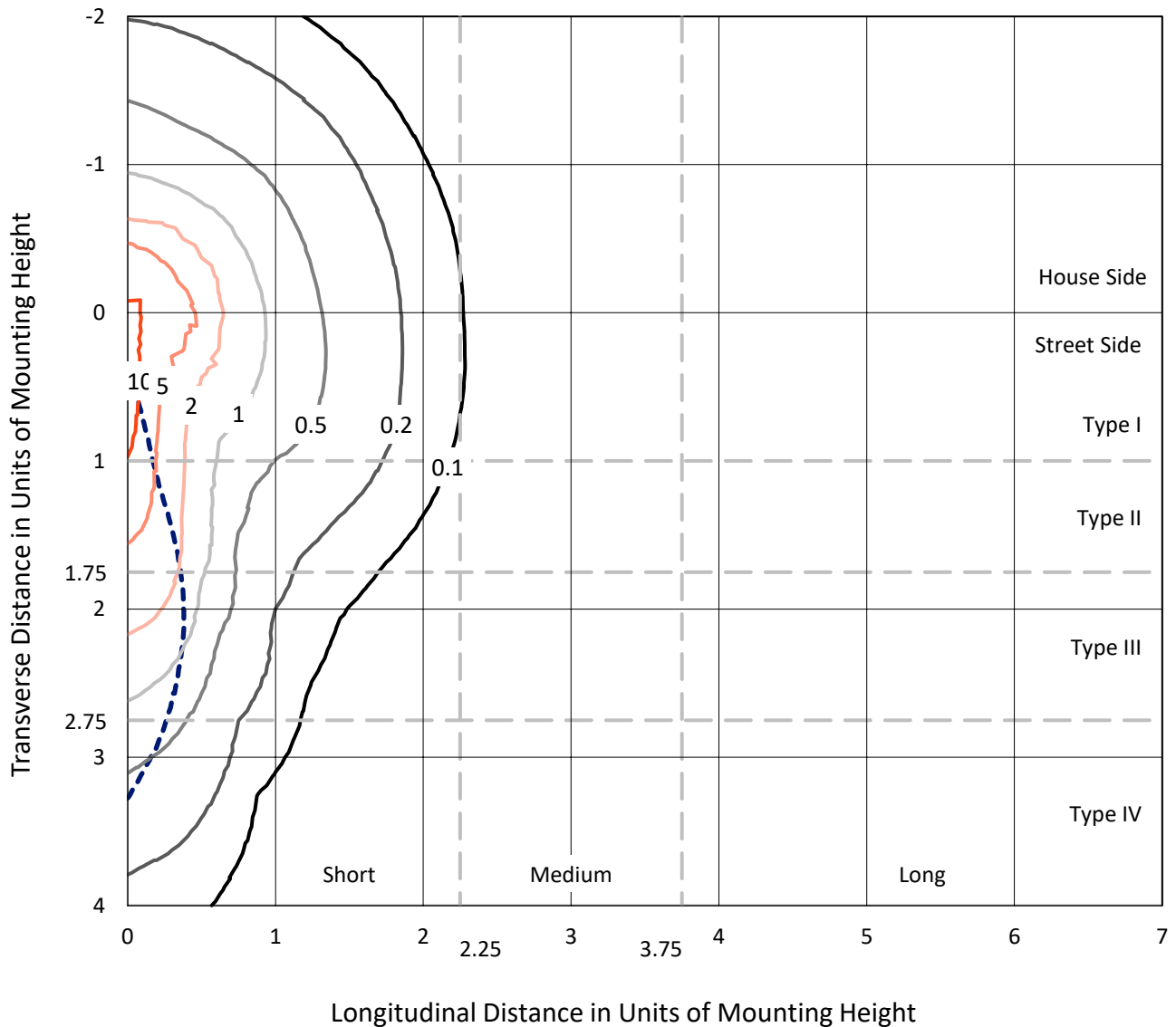
Input Watts (W): 325  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

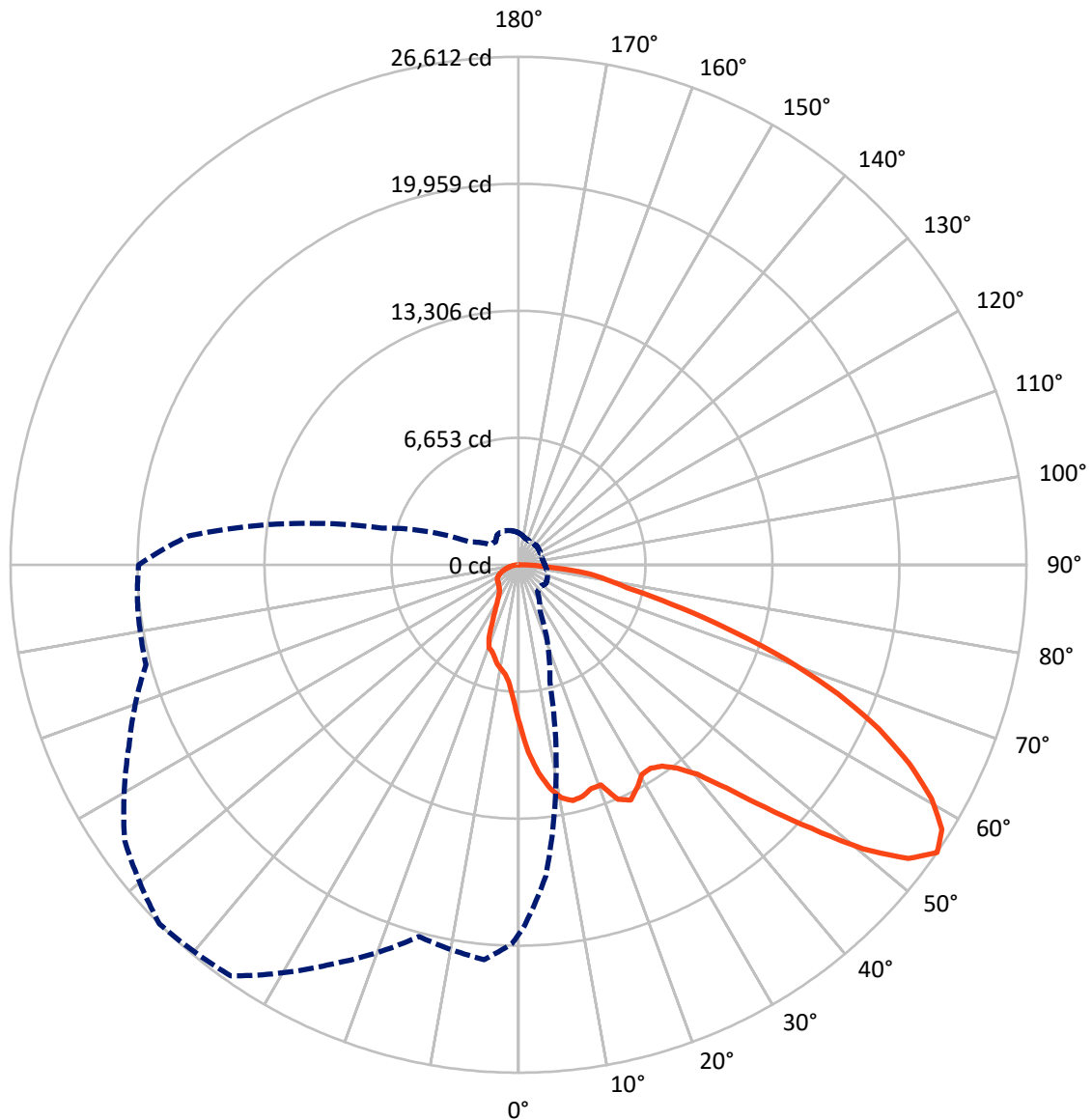
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.3 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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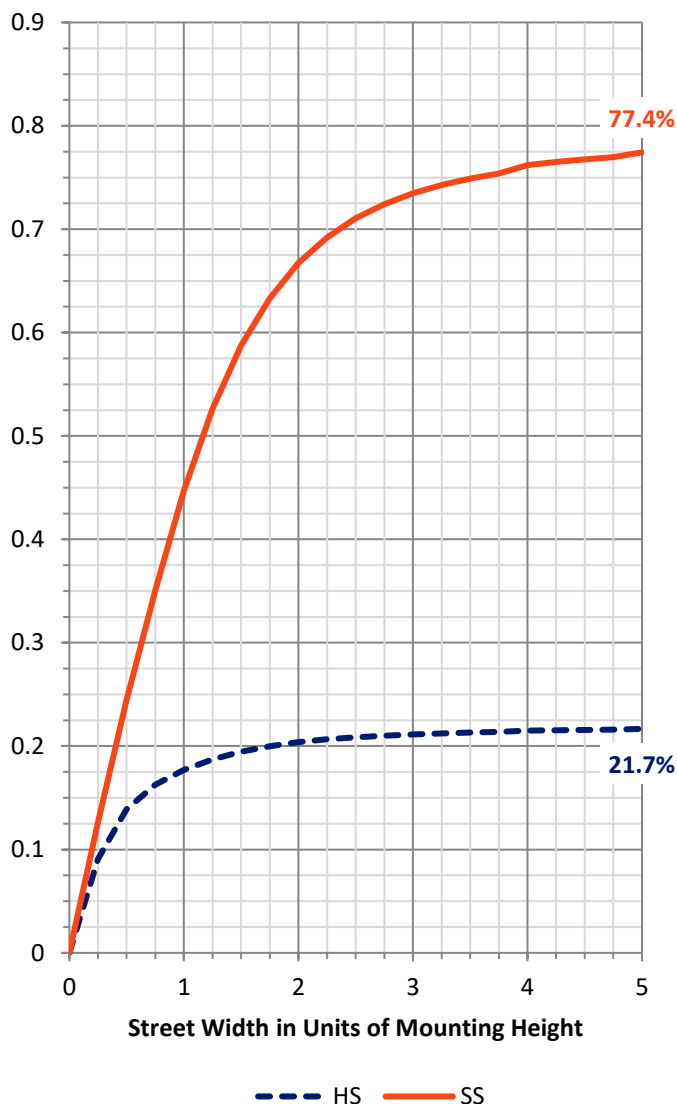
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	7286.3	0.0	7286.3
	% Fixture	21.9	0.0	21.9
<b>Street Side</b>	Lumens	26023.2	0.0	26023.2
	% Fixture	78.1	0.0	78.1
<b>Total</b>	Lumens	33309.5	0.0	33309.5
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	708.5	2.1
10°-20°	1879.6	5.6
20°-30°	3247.1	9.7
30°-40°	3773.7	11.3
40°-50°	5265.0	15.8
50°-60°	7144.1	21.4
60°-70°	6796.7	20.4
70°-80°	3671.8	11.0
80°-90°	822.9	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°	33309.5	100.0
0°-180°	33309.5	100.0

**Coefficient of Utilization**



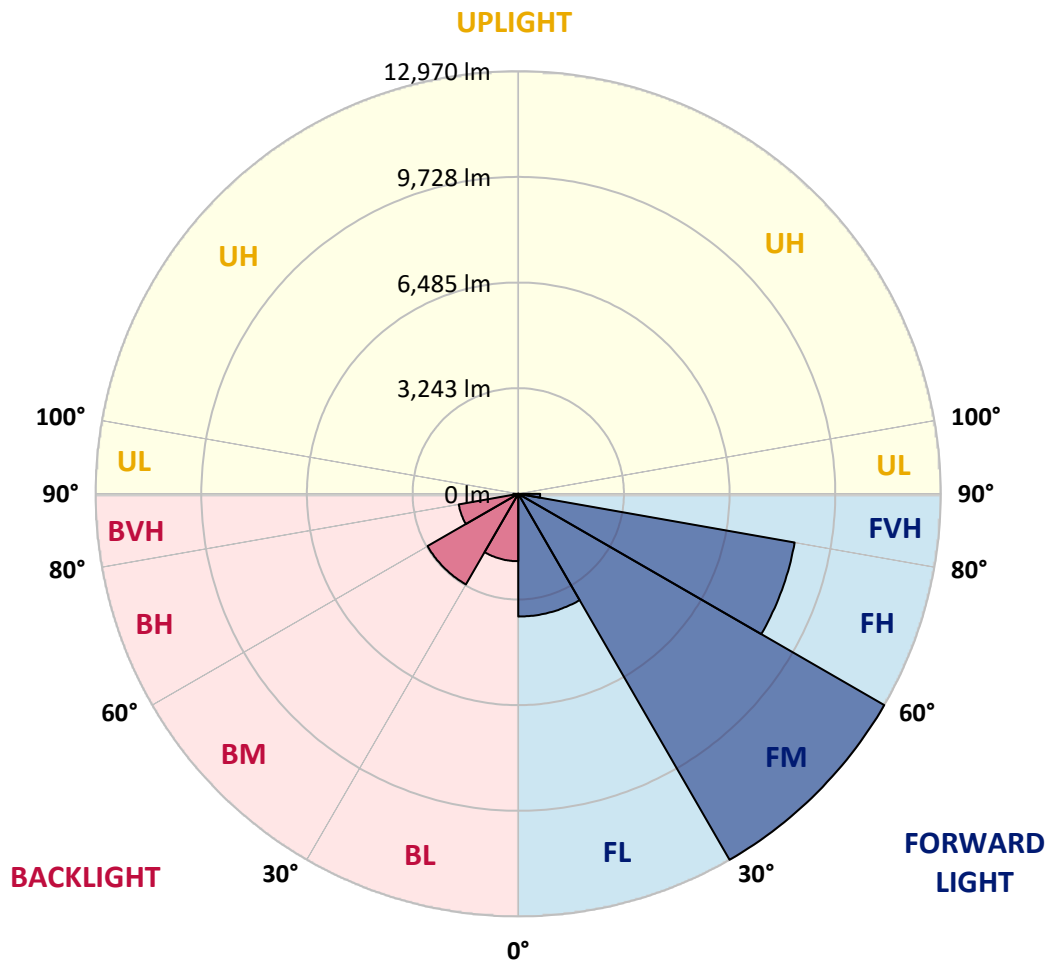
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3767.4	11.3			
FM (30°-60°)	12970.0	38.9			
FH (60°-80°)	8613.3	25.9			G4/12000
FVH (80°-90°)	672.5	2.0			G4/750
BL (0°-30°)	2067.9	6.2	B3/2500		
BM (30°-60°)	3212.8	9.6	B3/5000		
BH (60°-80°)	1855.3	5.6	B3/2500		G3/2500
BVH (80°-90°)	150.4	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°	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4
2.5°	9286.7	9251.6	9152.7	8893.4	8631.9	8365.9	8161.6	7906.7	7640.8	7497.9	7315.5
5°	9414.2	9374.6	9141.7	8557.2	8027.5	7471.6	7027.6	6638.7	6480.5	6247.5	6060.8
7.5°	9115.3	9097.8	8748.3	7908.8	7183.7	6456.4	5953.1	5641.0	5357.6	5252.0	5274.1
10°	8842.9	8772.6	8335.2	7238.7	6392.6	5801.5	5441.1	5135.7	4935.7	4882.9	4893.9
12.5°	8616.5	8522.0	8005.6	6788.1	6047.5	5575.2	5115.8	4797.2	4614.8	4665.4	4836.8
15°	8570.4	8442.9	7867.1	6634.3	5858.6	5249.9	4746.7	4379.7	4243.4	4353.3	4628.0
17.5°	8869.2	8708.8	8104.5	6684.9	5678.4	4918.1	4300.5	3880.8	3766.6	3942.4	4300.5
20°	9829.5	9592.2	8845.0	6977.1	5660.9	4753.2	4041.3	3619.3	3667.7	4001.7	4375.3
22.5°	11605.1	11249.1	10141.5	7403.5	5753.1	4711.5	3988.5	3768.8	4034.6	4318.1	4564.3
25°	11956.7	11677.6	10374.5	7500.1	5733.3	4682.9	4138.0	4247.8	4544.5	4685.1	4599.4
27.5°	12154.5	11835.9	10359.1	7021.1	5126.8	4247.8	3955.6	4138.0	4212.7	4076.4	3843.5
30°	12616.0	12284.2	10620.7	6517.8	4221.5	3151.2	2762.3	2687.6	2738.1	2764.5	2680.9
32.5°	13251.0	12923.6	11112.9	6188.2	3650.1	2606.3	2223.9	2118.4	2094.3	2065.7	2032.7
35°	14073.0	13569.7	11596.3	5977.2	3415.0	2410.6	2059.1	1977.8	1944.8	1905.3	1870.1
37.5°	14908.0	14380.6	12207.3	5755.3	3259.0	2274.4	1949.2	1911.8	1854.7	1812.9	1762.4
40°	15795.8	15204.7	12763.2	5562.0	3107.3	2186.5	1870.1	1865.7	1791.0	1742.6	1683.3
42.5°	16564.9	15956.2	13259.9	5443.3	2990.8	2094.3	1821.8	1834.9	1758.0	1685.5	1608.6
45°	17175.8	16578.1	13719.1	5443.3	2896.3	2001.9	1812.9	1804.2	1727.2	1637.2	1549.3
47.5°	17712.0	17094.5	14167.4	5581.7	2837.0	1925.0	1764.6	1780.0	1700.9	1586.6	1500.9
50°	18127.3	17582.4	14771.7	5797.1	2777.7	1863.5	1703.1	1786.6	1678.9	1560.2	1461.3
52.5°	18657.0	18169.1	15499.1	6091.5	2727.1	1795.4	1648.1	1786.6	1676.7	1562.4	1454.8
55°	19390.9	18876.7	16376.0	6335.4	2645.8	1731.6	1599.8	1736.1	1670.1	1551.5	1437.2
57.5°	19905.2	19520.6	16995.7	6498.1	2529.4	1650.4	1555.8	1687.7	1641.5	1509.7	1384.5
58°	19929.3	19553.6	17085.8	6535.4	2500.8	1635.0	1544.8	1665.7	1628.3	1492.1	1366.9
60°	19652.5	19329.5	17103.3	6482.7	2338.1	1558.0	1487.7	1575.6	1558.0	1388.8	1272.3
62.5°	18646.0	18301.0	16393.5	6054.2	2122.8	1463.6	1399.8	1454.8	1415.2	1243.8	1136.1
65°	17215.4	16580.3	14934.4	5381.7	1968.9	1362.5	1281.2	1285.6	1243.8	1120.7	1026.3
67.5°	15310.2	14600.3	12644.5	4535.7	1852.5	1250.4	1140.5	1129.5	1079.0	999.9	923.0
70°	12965.4	12479.8	10275.6	3689.6	1722.9	1127.4	982.3	975.7	944.9	885.6	817.5
72.5°	10508.5	9891.1	8297.8	2953.5	1564.6	1008.7	835.0	848.2	808.7	766.9	705.4
75°	7755.0	7350.7	6414.6	2368.9	1351.5	879.0	696.6	701.0	683.4	639.5	591.1
77.5°	5107.1	4986.2	4588.4	1555.8	1039.4	698.8	569.2	573.6	560.4	520.8	470.3
80°	3436.9	3355.6	3109.5	1002.1	694.4	505.4	439.5	443.9	441.7	400.0	331.9
82.5°	2118.4	2083.2	2004.1	676.8	481.2	362.6	290.1	303.3	327.4	281.3	226.3
85°	999.9	1002.1	1210.9	369.2	283.5	233.0	158.2	169.2	169.2	169.2	127.5
87.5°	129.7	136.2	167.0	156.0	103.3	87.9	57.1	48.4	41.7	54.9	39.5
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°	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4
2.5°	7251.9	7207.9	7113.3	7091.4	7078.2	7115.6	7016.7	7043.0	6999.1	7122.2	7102.4
5°	6071.8	6076.1	6153.1	6203.6	6221.2	6203.6	6137.7	6023.4	5935.5	5900.4	5909.1
7.5°	5232.3	5309.2	5441.1	5588.3	5722.3	5761.9	5724.5	5507.0	5269.6	5120.3	5071.9
10°	4953.2	5056.5	5208.1	5324.6	5443.3	5537.7	5557.5	5388.3	5107.1	4753.2	4614.8
12.5°	4968.6	5109.2	5254.3	5291.7	5280.6	5318.0	5300.4	5271.9	5087.3	4636.8	4406.0
15°	4823.6	4990.6	5091.7	5071.9	5036.7	5003.8	4957.6	4885.1	4819.2	4502.7	4247.8
17.5°	4489.5	4660.9	4744.4	4751.1	4751.1	4742.2	4630.2	4603.8	4595.1	4441.2	4285.1
20°	4551.1	4645.6	4608.2	4546.7	4564.3	4623.6	4557.6	4544.5	4595.1	4663.2	4634.6
22.5°	4586.2	4553.3	4272.0	3999.5	3938.0	4122.6	4159.9	4307.2	4511.5	4757.6	4918.1
25°	4368.7	4102.8	3599.6	3291.9	3118.3	3289.7	3513.9	3786.4	4091.8	4408.3	4595.1
27.5°	3652.3	3450.1	3089.7	2812.8	2661.2	2687.6	2878.7	3127.1	3410.6	3623.7	3759.9
30°	2751.3	2661.2	2474.4	2379.9	2287.6	2265.7	2347.0	2441.4	2566.7	2593.1	2628.2
32.5°	2026.1	2012.9	2024.0	1993.2	1975.6	1973.4	1949.2	1971.2	1984.3	1999.7	1968.9
35°	1832.7	1815.1	1784.3	1775.6	1764.6	1769.0	1758.0	1747.0	1755.8	1769.0	1777.8
37.5°	1733.8	1707.5	1663.5	1648.1	1648.1	1654.8	1637.2	1632.8	1648.1	1689.9	1711.9
40°	1656.9	1626.2	1575.6	1555.8	1569.1	1586.6	1562.4	1553.7	1591.0	1635.0	1670.1
42.5°	1584.4	1560.2	1511.9	1489.9	1500.9	1533.9	1498.7	1492.1	1540.5	1588.8	1630.5
45°	1522.9	1498.7	1454.8	1443.7	1448.2	1478.9	1454.8	1454.8	1500.9	1553.7	1591.0
47.5°	1474.5	1443.7	1415.2	1406.4	1410.8	1428.4	1424.0	1424.0	1468.0	1522.9	1560.2
50°	1426.2	1399.8	1362.5	1366.9	1377.8	1402.0	1399.8	1406.4	1450.4	1518.5	1558.0
52.5°	1404.2	1364.7	1322.9	1327.3	1360.2	1388.8	1380.1	1386.6	1437.2	1564.6	1621.8
55°	1380.1	1327.3	1279.0	1285.6	1322.9	1364.7	1353.7	1362.5	1421.8	1595.4	1674.5
57.5°	1333.9	1272.3	1219.6	1224.0	1279.0	1322.9	1305.3	1316.3	1386.6	1562.4	1645.9
58°	1314.1	1261.4	1210.9	1213.1	1265.8	1314.1	1294.4	1303.1	1375.6	1553.7	1632.8
60°	1230.6	1199.9	1155.9	1158.1	1208.6	1250.4	1239.4	1248.2	1318.5	1489.9	1549.3
62.5°	1116.3	1098.8	1087.7	1087.7	1118.5	1158.1	1169.1	1180.1	1243.8	1347.1	1399.8
65°	993.3	993.3	995.5	995.5	1015.3	1065.8	1072.4	1101.0	1160.3	1210.9	1250.4
67.5°	909.8	905.4	909.8	898.8	907.6	938.3	971.3	997.7	1059.2	1094.4	1107.5
70°	802.1	799.9	802.1	786.8	797.7	824.1	846.0	890.0	953.7	980.1	986.7
72.5°	696.6	696.6	701.0	690.0	690.0	718.6	733.9	782.3	841.7	857.1	859.2
75°	586.8	593.3	593.3	577.9	582.3	599.9	619.7	659.3	714.2	725.2	725.2
77.5°	465.9	490.1	490.1	474.7	481.2	483.5	509.8	529.6	571.4	575.7	558.2
80°	338.4	362.6	382.4	369.2	380.1	367.0	382.4	395.5	437.3	417.6	389.0
82.5°	241.7	259.3	274.7	276.9	265.9	241.7	261.5	263.7	283.5	257.1	241.7
85°	134.1	149.4	169.2	160.4	142.8	127.5	134.1	138.4	136.2	129.7	120.9
87.5°	35.2	37.3	41.7	30.8	28.6	24.1	33.0	33.0	37.3	39.5	37.3
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°	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4
2.5°	7117.8	7214.4	7423.3	7581.4	7774.9	8009.9	8286.9	8565.9	8867.0	8961.5	9093.3
5°	5889.4	6131.1	6232.1	6520.0	6805.7	7234.3	7691.4	8220.9	8801.1	9080.2	9348.3
7.5°	5032.3	5162.0	5267.4	5478.4	5821.2	6342.1	6915.6	7577.1	8398.9	8805.4	9198.9
10°	4570.8	4584.0	4713.7	4975.2	5274.1	5733.3	6276.1	7016.7	7933.1	8427.5	8888.9
12.5°	4265.4	4208.3	4348.9	4621.4	4959.8	5383.9	5882.8	6588.1	7596.8	8104.5	8662.6
15°	3997.3	3907.2	4012.7	4291.8	4625.8	5124.6	5660.9	6408.0	7465.0	8056.1	8675.8
17.5°	4003.9	3755.6	3792.9	4028.1	4359.9	4867.5	5518.0	6401.4	7665.0	8346.2	9080.2
20°	4498.3	4100.5	3931.3	3975.3	4296.2	4850.0	5583.9	6709.1	8322.0	9315.3	10099.8
22.5°	4984.0	4744.4	4471.9	4381.9	4557.6	5137.8	6003.6	7436.5	9750.4	11246.9	12664.4
25°	4814.8	5019.2	4951.1	4823.6	4863.1	5344.4	6289.3	8034.2	10860.2	12545.7	13877.3
27.5°	3852.3	4223.7	4298.4	4296.2	4311.6	4707.1	5656.4	7632.0	10998.6	12794.0	14066.3
30°	2707.3	2740.3	2779.8	2856.8	2927.1	3280.9	4425.8	6700.2	10937.0	12906.1	14180.6
32.5°	1953.6	1997.5	2052.5	2158.0	2324.9	2775.5	3872.0	6403.5	11262.3	13369.7	14514.7
35°	1786.6	1837.2	1889.9	2010.7	2168.9	2586.5	3652.3	6280.5	11796.3	14121.3	15114.5
37.5°	1733.8	1791.0	1837.2	1925.0	2052.5	2450.3	3452.3	6197.0	12343.5	14916.8	15918.9
40°	1696.5	1762.4	1799.7	1870.1	1958.0	2324.9	3274.3	6131.1	12873.1	15644.2	16564.9
42.5°	1663.5	1731.6	1780.0	1830.5	1903.0	2212.9	3116.1	6065.1	13332.4	16349.5	17208.8
45°	1624.0	1709.7	1771.2	1810.8	1874.5	2118.4	2995.2	6012.4	13855.4	16975.8	17859.3
47.5°	1591.0	1685.5	1762.4	1808.6	1832.7	2052.5	2898.5	6085.0	14483.9	17630.7	18463.6
50°	1593.2	1683.3	1780.0	1852.5	1788.8	1997.5	2839.2	6372.8	15301.3	18408.6	18940.5
52.5°	1663.5	1773.4	1850.3	1867.9	1727.2	1931.6	2808.4	6876.0	16268.3	19096.5	19421.7
55°	1742.6	1856.9	1940.4	1929.4	1694.3	1848.1	2801.9	7412.2	17327.5	19898.6	20048.0
57.5°	1714.0	1881.1	2008.6	1951.4	1696.5	1766.8	2773.3	7845.2	18213.1	20498.5	20667.7
58°	1705.3	1872.3	2017.3	1947.0	1689.9	1742.6	2766.7	7882.5	18336.2	20540.2	20755.6
60°	1619.6	1795.4	2010.7	1914.0	1652.6	1676.7	2694.1	8003.4	18303.2	20324.9	20808.4
62.5°	1463.6	1608.6	1859.1	1753.7	1538.3	1588.8	2531.6	7853.9	17411.0	19287.7	20037.0
65°	1287.7	1395.4	1562.4	1542.6	1375.6	1498.7	2309.6	7262.8	15624.4	17604.4	18393.3
67.5°	1155.9	1243.8	1349.3	1320.7	1237.2	1377.8	2070.0	6262.9	13620.2	15582.6	16575.9
70°	1021.8	1089.9	1142.8	1122.9	1096.6	1259.1	1856.9	5082.8	11699.7	13662.0	14624.5
72.5°	885.6	949.3	993.3	964.7	949.3	1133.9	1683.3	3944.5	9240.6	11271.1	12508.3
75°	740.6	804.3	835.0	802.1	793.3	999.9	1426.2	2946.9	6933.2	8689.0	9757.0
77.5°	573.6	641.7	681.2	670.3	674.7	821.9	1151.5	2017.3	4957.6	5922.3	7047.5
80°	402.2	476.8	503.3	492.2	523.0	626.3	813.1	1281.2	3419.3	3843.5	4636.8
82.5°	248.3	318.7	323.0	334.0	356.0	463.6	613.1	780.1	2147.0	2219.5	2795.2
85°	125.2	151.6	162.6	180.2	200.0	283.5	349.4	483.5	1382.3	1046.0	1562.4
87.5°	41.7	44.0	52.7	65.9	81.3	116.5	149.4	197.8	342.8	189.0	483.5
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: P652566

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**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4	8359.4
2.5°	9359.2	9546.0	9682.3	9807.6	9686.7	9675.7	9557.0	9365.9	9286.7	9286.7
5°	9910.8	10348.2	10702.0	10928.3	10831.6	10598.6	10214.1	9724.1	9460.3	9414.2
7.5°	10062.5	10926.1	11583.2	11816.0	11653.5	11139.2	10403.1	9576.8	9198.9	9115.3
10°	9970.1	11093.1	12057.8	12427.0	12200.6	11422.7	10418.5	9405.4	8939.5	8842.9
12.5°	9873.5	11115.1	12145.7	12679.7	12532.5	11651.3	10530.5	9293.3	8754.9	8616.5
15°	9943.8	11123.8	12038.1	12589.6	12684.1	11926.0	10715.1	9374.6	8717.6	8570.4
17.5°	10387.7	11290.8	11884.2	12330.3	12662.1	12299.5	11240.3	9763.6	9051.6	8869.2
20°	11315.1	11690.8	11972.1	12317.1	12851.2	13062.1	12314.9	10831.6	9989.9	9829.5
22.5°	14000.5	13932.3	13356.5	13349.9	14123.5	14969.5	14919.0	13002.8	11737.0	11605.1
25°	15006.9	14690.4	13857.6	13655.4	13996.0	15301.3	15112.3	13446.7	12277.6	11956.7
27.5°	14613.6	13829.0	13281.8	13235.7	13123.6	14356.5	14811.3	13626.8	12466.6	12154.5
30°	14589.3	13435.6	12653.3	12745.6	12853.3	14031.2	14978.3	14191.6	12950.0	12616.0
32.5°	14648.7	13490.6	12699.5	12717.1	13037.9	14079.5	15162.9	14806.9	13585.1	13251.0
35°	14888.2	13802.7	12994.0	12952.2	13453.2	14396.0	15477.2	15773.8	14453.1	14073.0
37.5°	15275.0	14424.6	13532.4	13521.3	14248.7	14967.4	15868.3	16749.5	15316.7	14908.0
40°	15844.2	15152.0	14490.4	14431.1	15329.9	15896.9	16376.0	17788.9	16321.0	15795.8
42.5°	16532.0	16024.3	15754.0	15989.2	16852.8	16940.7	17167.1	18749.3	17175.8	16564.9
45°	17169.3	17145.0	17520.9	18144.9	18648.2	18120.8	17993.4	19393.1	17839.5	17175.8
47.5°	17927.4	18582.2	19716.2	20630.3	21157.8	19494.2	18698.7	19812.9	18323.0	17712.0
50°	18696.5	20302.9	22113.7	23388.2	23500.3	20986.3	19184.4	20208.4	18762.5	18127.3
52.5°	19505.2	21676.4	24087.1	25568.2	25350.6	22285.1	19654.7	20476.5	19215.2	18657.0
55°	20208.4	22518.0	25190.2	26612.0	26293.4	23076.2	20162.3	20766.6	19861.2	19390.9
57.5°	20601.8	22588.3	24915.6	26157.1	25812.1	22922.4	20395.3	20981.9	20274.3	19905.2
58°	20658.9	22493.9	24671.6	25893.4	25541.8	22792.7	20393.0	20973.2	20300.7	19929.3
60°	20608.4	21880.7	23764.1	24851.8	24482.6	21979.6	20309.5	20808.4	19966.7	19652.5
62.5°	20140.3	20817.1	22197.2	22988.3	22882.9	20709.5	19966.7	20186.4	18949.2	18646.0
65°	19525.0	19366.8	20190.8	20751.3	20830.3	19757.9	19626.1	18841.6	17643.9	17215.4
67.5°	18777.8	17723.1	17720.8	18039.4	18171.3	18294.4	18916.3	17380.2	15762.9	15310.2
70°	17509.9	15189.3	14490.4	14866.3	14756.4	15795.8	17648.3	15327.7	13495.0	12965.4
72.5°	15184.9	12053.4	10934.9	11418.3	11141.5	12387.4	15442.0	12613.8	11159.1	10508.5
75°	12308.4	9016.4	7862.8	8306.6	8135.2	9396.6	12848.9	9161.5	8003.4	7755.0
77.5°	9557.0	6533.2	5863.0	5801.5	5928.9	6992.5	9425.2	6186.1	5276.3	5107.1
80°	6139.9	4676.3	4715.9	4636.8	4702.7	4408.3	5722.3	3946.7	3573.2	3436.9
82.5°	4041.3	3259.0	3885.3	3586.4	3406.1	2964.4	3753.4	2584.3	2193.2	2118.4
85°	2753.5	2399.7	2184.3	1670.1	1966.8	2283.2	2815.0	1391.0	1103.1	999.9
87.5°	1243.8	835.0	613.1	377.9	597.7	690.0	1366.9	162.6	125.2	129.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)