

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: STREETWORKS

Report Number: P456208

Luminaire Tested: **GLAN-SA7C-722-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P456208  
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: STREETWORKS  
Catalog Number: GLAN-SA7C-722-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(7) 70 CRI, 2200K, 1050mA 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: 31029 lumens  
Efficiency: N/A  
Efficacy: 82.3 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

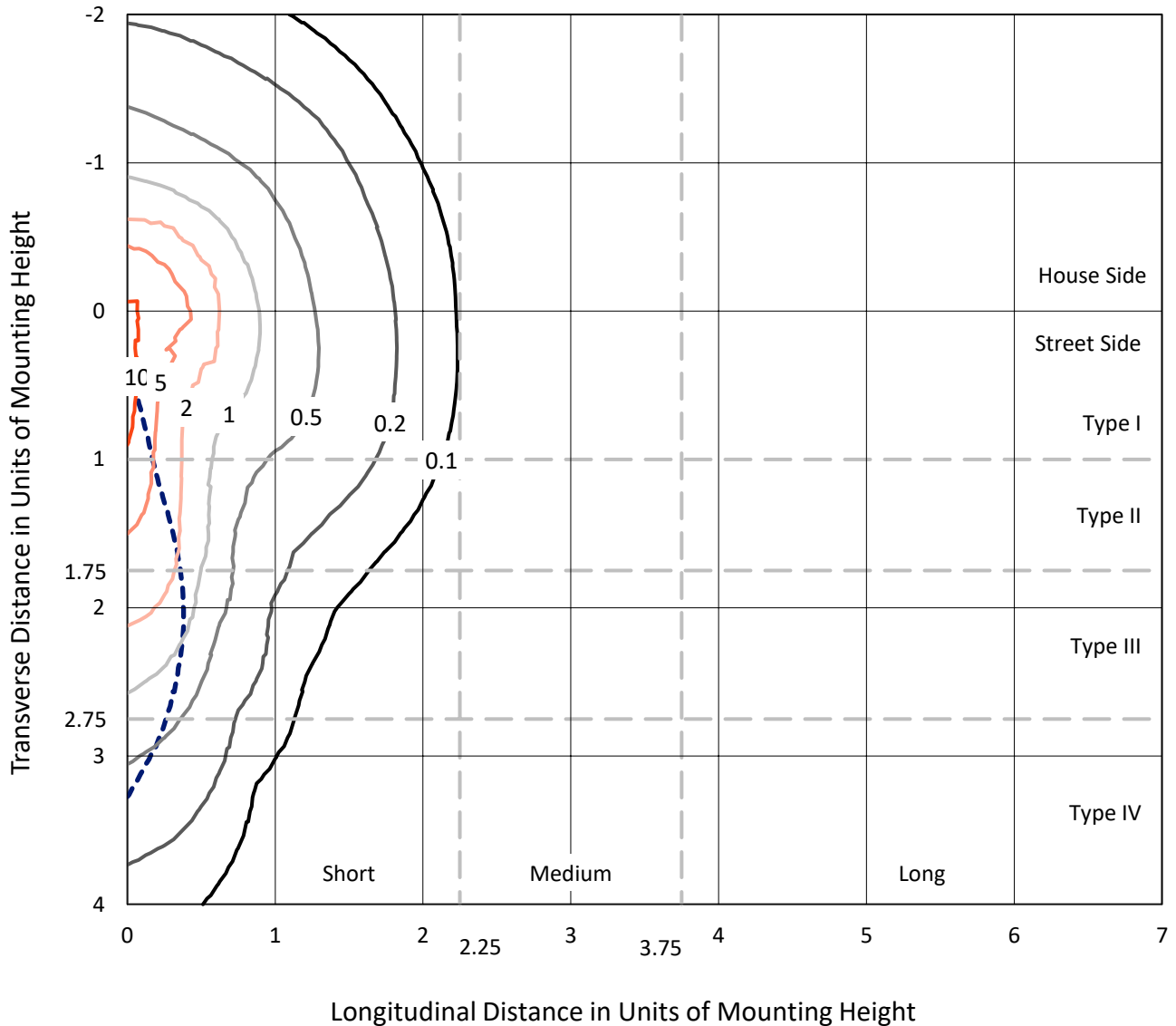
Input Watts (W): 377  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

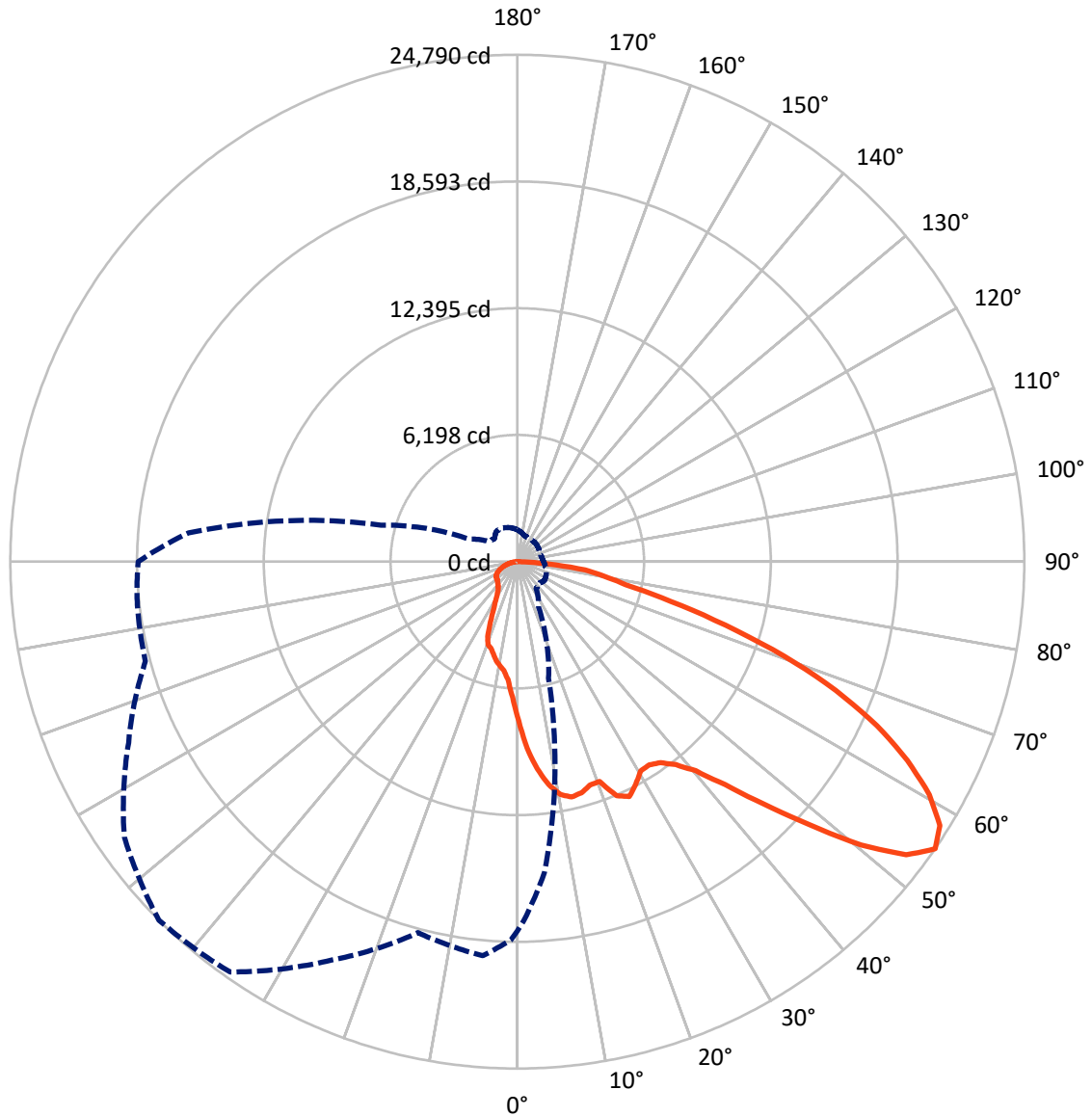
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 13.3 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	6787.5	0.0	6787.5
	% Fixture	21.9	0.0	21.9
<b>Street Side</b>	Lumens	24241.5	0.0	24241.5
	% Fixture	78.1	0.0	78.1
<b>Total</b>	Lumens	31029.0	0.0	31029.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	660.0	2.1
10°-20°	1750.9	5.6
20°-30°	3024.8	9.7
30°-40°	3515.3	11.3
40°-50°	4904.6	15.8
50°-60°	6655.0	21.4
60°-70°	6331.4	20.4
70°-80°	3420.4	11.0
80°-90°	766.6	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°	31029.0	100.0
0°-180°	31029.0	100.0

**Coefficient of Utilization**



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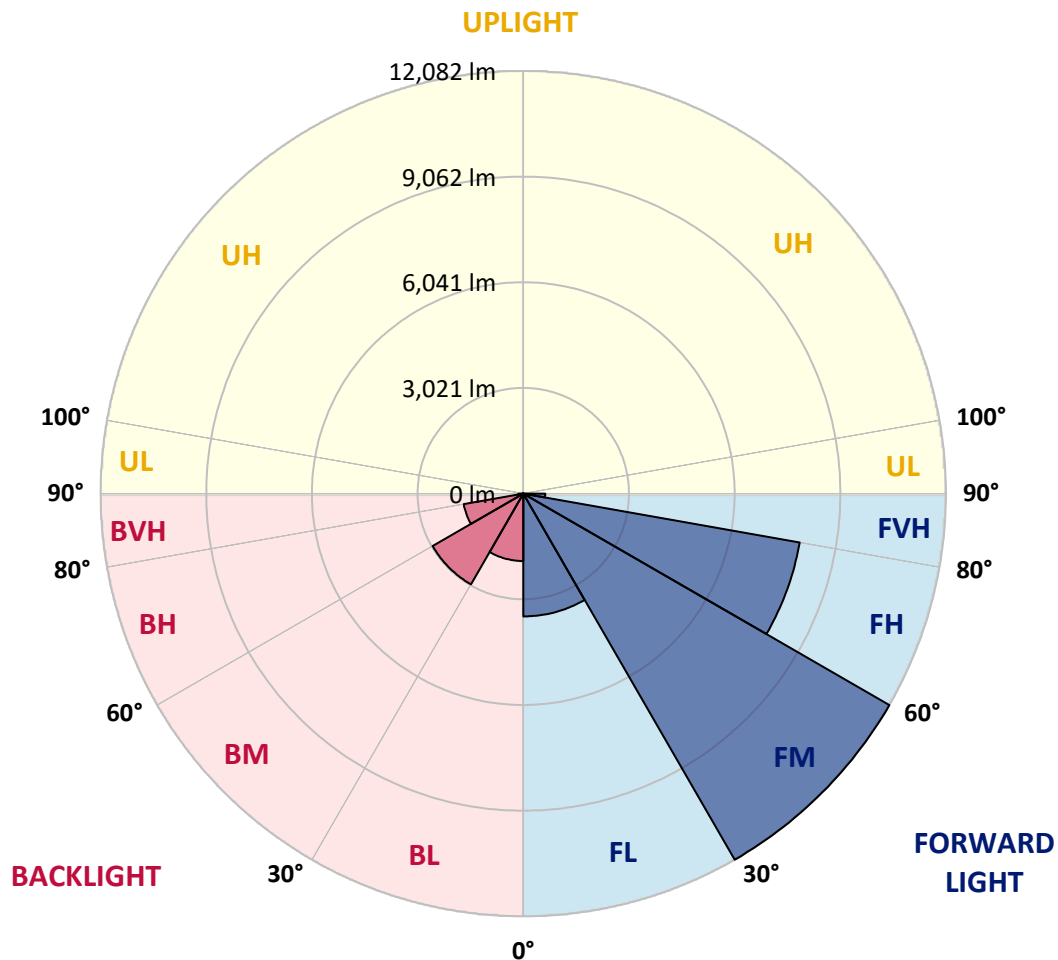
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3509.4	11.3			
FM	(30°-60°)	12082.0	38.9			
FH	(60°-80°)	8023.6	25.9			G4/12000
FVH	(80°-90°)	626.5	2.0			G4/750
BL	(0°-30°)	1926.3	6.2	B3/2500		
BM	(30°-60°)	2992.8	9.6	B3/5000		
BH	(60°-80°)	1728.2	5.6	B3/2500		G3/2500
BVH	(80°-90°)	140.1	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°	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1
2.5°	8650.9	8618.2	8526.1	8284.5	8040.9	7793.2	7602.8	7365.4	7117.7	6984.6	6814.7
5°	8769.7	8732.8	8515.8	7971.3	7478.0	6960.0	6546.5	6184.2	6036.8	5819.8	5645.8
7.5°	8491.3	8474.9	8149.4	7367.4	6691.9	6014.3	5545.5	5254.8	4990.8	4892.5	4913.0
10°	8237.4	8171.9	7764.5	6743.1	5954.9	5404.3	5068.6	4784.0	4597.7	4548.6	4558.8
12.5°	8026.6	7938.6	7457.5	6323.4	5633.5	5193.4	4765.6	4468.8	4298.9	4345.9	4505.6
15°	7983.6	7864.9	7328.5	6180.1	5457.5	4890.5	4421.7	4079.8	3952.9	4055.3	4311.1
17.5°	8262.0	8112.6	7549.6	6227.2	5289.6	4581.4	4006.1	3615.1	3508.7	3672.4	4006.1
20°	9156.6	8935.5	8239.5	6499.5	5273.3	4427.8	3764.6	3371.5	3416.6	3727.7	4075.7
22.5°	10810.6	10479.0	9447.2	6896.6	5359.2	4388.9	3715.4	3510.7	3758.4	4022.5	4251.8
25°	11138.1	10878.1	9664.2	6986.7	5340.8	4362.3	3854.6	3957.0	4233.3	4364.4	4284.5
27.5°	11322.4	11025.5	9649.9	6540.4	4775.8	3957.0	3684.7	3854.6	3924.2	3797.3	3580.3
30°	11752.2	11443.1	9893.5	6071.6	3932.4	2935.5	2573.2	2503.6	2550.7	2575.2	2497.4
32.5°	12343.9	12038.8	10352.0	5764.6	3400.2	2427.8	2071.6	1973.4	1950.9	1924.2	1893.5
35°	13109.5	12640.7	10802.4	5568.0	3181.2	2245.6	1918.1	1842.4	1811.7	1774.8	1742.1
37.5°	13887.3	13396.0	11371.5	5361.3	3035.8	2118.7	1815.8	1781.0	1727.7	1688.8	1641.8
40°	14714.4	14163.7	11889.4	5181.1	2894.6	2036.8	1742.1	1738.0	1668.4	1623.3	1568.1
42.5°	15430.8	14863.8	12352.0	5070.6	2786.1	1950.9	1697.0	1709.3	1637.7	1570.1	1498.5
45°	15999.9	15443.1	12779.9	5070.6	2698.0	1864.9	1688.8	1680.6	1609.0	1525.1	1443.2
47.5°	16499.4	15924.2	13197.5	5199.6	2642.8	1793.2	1643.8	1658.1	1584.4	1478.0	1398.2
50°	16886.3	16378.6	13760.4	5400.2	2587.5	1735.9	1586.5	1664.3	1564.0	1453.4	1361.3
52.5°	17379.7	16925.2	14438.0	5674.5	2540.4	1672.5	1535.3	1664.3	1561.9	1455.5	1355.2
55°	18063.4	17584.4	15254.8	5901.7	2464.7	1613.1	1490.3	1617.2	1555.8	1445.2	1338.8
57.5°	18542.4	18184.2	15832.1	6053.2	2356.2	1537.4	1449.3	1572.2	1529.2	1406.3	1289.7
58°	18564.9	18214.9	15916.0	6088.0	2329.6	1523.0	1439.1	1551.7	1516.9	1390.0	1273.3
60°	18307.0	18006.1	15932.4	6038.9	2178.1	1451.4	1385.9	1467.8	1451.4	1293.8	1185.3
62.5°	17369.4	17048.0	15271.2	5639.7	1977.5	1363.4	1304.0	1355.2	1318.3	1158.6	1058.3
65°	16036.8	15445.2	13911.9	5013.3	1834.2	1269.2	1193.4	1197.5	1158.6	1044.0	956.0
67.5°	14262.0	13600.8	11778.9	4225.2	1725.7	1164.8	1062.4	1052.2	1005.1	931.4	859.8
70°	12077.7	11625.3	9572.1	3437.0	1604.9	1050.1	915.0	908.9	880.2	825.0	761.5
72.5°	9789.1	9213.9	7729.7	2751.3	1457.5	939.6	777.9	790.2	753.3	714.4	657.1
75°	7224.1	6847.5	5975.4	2206.7	1259.0	818.8	648.9	653.0	636.6	595.7	550.7
77.5°	4757.4	4644.8	4274.3	1449.3	968.3	651.0	530.2	534.3	522.0	485.2	438.1
80°	3201.6	3125.9	2896.6	933.5	646.9	470.8	409.4	413.5	411.5	372.6	309.1
82.5°	1973.4	1940.6	1866.9	630.5	448.3	337.8	270.2	282.5	305.0	262.0	210.8
85°	931.4	933.5	1127.9	343.9	264.1	217.0	147.4	157.6	157.6	157.6	118.7
87.5°	120.8	126.9	155.6	145.3	96.2	81.9	53.2	45.0	38.9	51.2	36.8
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°	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1
2.5°	6755.3	6714.4	6626.4	6605.9	6593.6	6628.4	6536.3	6560.9	6519.9	6634.6	6616.1
5°	5656.1	5660.2	5731.8	5778.9	5795.3	5778.9	5717.5	5611.0	5529.1	5496.4	5504.6
7.5°	4874.1	4945.7	5068.6	5205.7	5330.6	5367.4	5332.6	5130.0	4908.9	4769.7	4724.6
10°	4614.1	4710.3	4851.6	4960.1	5070.6	5158.6	5177.0	5019.4	4757.4	4427.8	4298.9
12.5°	4628.4	4759.4	4894.6	4929.4	4919.1	4953.9	4937.5	4910.9	4739.0	4319.3	4104.4
15°	4493.3	4648.9	4743.1	4724.6	4691.9	4661.2	4618.2	4550.6	4489.2	4194.5	3957.0
17.5°	4182.2	4341.8	4419.6	4425.8	4425.8	4417.6	4313.2	4288.6	4280.4	4137.1	3991.8
20°	4239.5	4327.5	4292.7	4235.4	4251.8	4307.0	4245.6	4233.3	4280.4	4343.9	4317.3
22.5°	4272.2	4241.5	3979.5	3725.7	3668.4	3840.3	3875.1	4012.3	4202.6	4431.9	4581.4
25°	4069.6	3821.9	3353.1	3066.5	2904.8	3064.5	3273.3	3527.1	3811.7	4106.4	4280.4
27.5°	3402.2	3213.9	2878.2	2620.3	2479.0	2503.6	2681.7	2913.0	3177.1	3375.6	3502.5
30°	2562.9	2479.0	2305.0	2217.0	2131.0	2110.5	2186.3	2274.3	2391.0	2415.5	2448.3
32.5°	1887.4	1875.1	1885.4	1856.7	1840.3	1838.3	1815.8	1836.2	1848.5	1862.8	1834.2
35°	1707.3	1690.9	1662.2	1654.0	1643.8	1647.9	1637.7	1627.4	1635.6	1647.9	1656.1
37.5°	1615.1	1590.6	1549.6	1535.3	1535.3	1541.4	1525.1	1521.0	1535.3	1574.2	1594.7
40°	1543.5	1514.8	1467.8	1449.3	1461.6	1478.0	1455.5	1447.3	1482.1	1523.0	1555.8
42.5°	1475.9	1453.4	1408.4	1387.9	1398.2	1428.9	1396.1	1390.0	1435.0	1480.0	1518.9
45°	1418.6	1396.1	1355.2	1344.9	1349.0	1377.7	1355.2	1355.2	1398.2	1447.3	1482.1
47.5°	1373.6	1344.9	1318.3	1310.1	1314.2	1330.6	1326.5	1326.5	1367.4	1418.6	1453.4
50°	1328.6	1304.0	1269.2	1273.3	1283.5	1306.0	1304.0	1310.1	1351.1	1414.5	1451.4
52.5°	1308.1	1271.2	1232.3	1236.4	1267.1	1293.8	1285.6	1291.7	1338.8	1457.5	1510.7
55°	1285.6	1236.4	1191.4	1197.5	1232.3	1271.2	1261.0	1269.2	1324.5	1486.2	1559.9
57.5°	1242.6	1185.3	1136.1	1140.2	1191.4	1232.3	1216.0	1226.2	1291.7	1455.5	1533.3
58°	1224.1	1175.0	1127.9	1130.0	1179.1	1224.1	1205.7	1213.9	1281.5	1447.3	1521.0
60°	1146.4	1117.7	1076.8	1078.8	1125.9	1164.8	1154.5	1162.7	1228.2	1387.9	1443.2
62.5°	1039.9	1023.5	1013.3	1013.3	1042.0	1078.8	1089.0	1099.3	1158.6	1254.9	1304.0
65°	925.3	925.3	927.3	927.3	945.7	992.8	999.0	1025.6	1080.9	1127.9	1164.8
67.5°	847.5	843.4	847.5	837.3	845.4	874.1	904.8	929.4	986.7	1019.4	1031.7
70°	747.2	745.1	747.2	732.9	743.1	767.7	788.1	829.1	888.4	913.0	919.1
72.5°	648.9	648.9	653.0	642.8	642.8	669.4	683.7	728.8	784.0	798.4	800.4
75°	546.6	552.7	552.7	538.4	542.5	558.9	577.3	614.1	665.3	675.5	675.5
77.5°	434.0	456.5	456.5	442.2	448.3	450.4	474.9	493.3	532.2	536.3	520.0
80°	315.2	337.8	356.2	343.9	354.1	341.9	356.2	368.5	407.4	388.9	362.3
82.5°	225.2	241.6	255.9	257.9	247.7	225.2	243.6	245.6	264.1	239.5	225.2
85°	124.9	139.2	157.6	149.4	133.1	118.7	124.9	129.0	126.9	120.8	112.6
87.5°	32.8	34.8	38.9	28.7	26.6	22.5	30.7	30.7	34.8	36.8	34.8
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°	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1
2.5°	6630.5	6720.5	6915.0	7062.4	7242.5	7461.6	7719.5	7979.5	8259.9	8348.0	8470.8
5°	5486.2	5711.3	5805.5	6073.7	6339.8	6739.0	7164.8	7658.1	8198.5	8458.5	8708.2
7.5°	4687.8	4808.6	4906.8	5103.4	5422.7	5907.9	6442.1	7058.3	7823.9	8202.6	8569.0
10°	4257.9	4270.2	4391.0	4634.6	4913.0	5340.8	5846.4	6536.3	7389.9	7850.5	8280.4
12.5°	3973.4	3920.1	4051.2	4305.0	4620.2	5015.3	5480.0	6137.1	7076.7	7549.6	8069.6
15°	3723.6	3639.7	3738.0	3997.9	4309.1	4773.8	5273.3	5969.3	6953.9	7504.6	8081.8
17.5°	3729.8	3498.4	3533.2	3752.3	4061.4	4534.3	5140.2	5963.1	7140.2	7774.8	8458.5
20°	4190.4	3819.8	3662.2	3703.2	4002.0	4517.9	5201.6	6249.7	7752.3	8677.5	9408.3
22.5°	4642.8	4419.6	4165.8	4081.9	4245.6	4786.1	5592.6	6927.3	9082.9	10476.9	11797.3
25°	4485.1	4675.5	4612.1	4493.3	4530.2	4978.5	5858.7	7484.1	10116.6	11686.7	12927.3
27.5°	3588.5	3934.5	4004.1	4002.0	4016.4	4384.8	5269.2	7109.5	10245.6	11918.1	13103.3
30°	2522.0	2552.7	2589.5	2661.2	2726.7	3056.3	4122.8	6241.5	10188.3	12022.5	13209.8
32.5°	1819.8	1860.8	1912.0	2010.2	2165.8	2585.5	3606.9	5965.2	10491.3	12454.4	13520.9
35°	1664.3	1711.4	1760.5	1873.1	2020.5	2409.4	3402.2	5850.5	10988.7	13154.5	14079.8
37.5°	1615.1	1668.4	1711.4	1793.2	1912.0	2282.5	3216.0	5772.7	11498.4	13895.5	14829.0
40°	1580.3	1641.8	1676.6	1742.1	1823.9	2165.8	3050.1	5711.3	11991.8	14573.1	15430.8
42.5°	1549.6	1613.1	1658.1	1705.2	1772.8	2061.4	2902.7	5649.9	12419.6	15230.2	16030.6
45°	1512.8	1592.6	1649.9	1686.8	1746.2	1973.4	2790.2	5600.8	12906.8	15813.6	16636.6
47.5°	1482.1	1570.1	1641.8	1684.7	1707.3	1912.0	2700.1	5668.3	13492.3	16423.7	17199.5
50°	1484.1	1568.1	1658.1	1725.7	1666.3	1860.8	2644.8	5936.5	14253.8	17148.3	17643.7
52.5°	1549.6	1652.0	1723.6	1740.0	1609.0	1799.4	2616.2	6405.3	15154.5	17789.1	18092.0
55°	1623.3	1729.8	1807.6	1797.3	1578.3	1721.6	2610.0	6904.8	16141.2	18536.2	18675.4
57.5°	1596.7	1752.3	1871.0	1817.8	1580.3	1645.8	2583.4	7308.1	16966.1	19095.1	19252.7
58°	1588.5	1744.1	1879.2	1813.7	1574.2	1623.3	2577.3	7342.9	17080.8	19134.0	19334.6
60°	1508.7	1672.5	1873.1	1783.0	1539.4	1561.9	2509.7	7455.4	17050.1	18933.4	19383.7
62.5°	1363.4	1498.5	1731.8	1633.6	1433.0	1480.0	2358.2	7316.2	16219.0	17967.2	18665.2
65°	1199.6	1299.9	1455.5	1437.0	1281.5	1396.1	2151.5	6765.6	14554.7	16399.1	17134.0
67.5°	1076.8	1158.6	1256.9	1230.3	1152.5	1283.5	1928.3	5834.2	12687.8	14515.8	15441.1
70°	951.9	1015.3	1064.5	1046.1	1021.5	1173.0	1729.8	4734.9	10898.6	12726.7	13623.3
72.5°	825.0	884.3	925.3	898.7	884.3	1056.3	1568.1	3674.5	8607.9	10499.4	11651.9
75°	689.9	749.2	777.9	747.2	739.0	931.4	1328.6	2745.1	6458.5	8094.1	9089.0
77.5°	534.3	597.7	634.6	624.4	628.5	765.6	1072.7	1879.2	4618.2	5516.9	6565.0
80°	374.6	444.2	468.8	458.5	487.2	583.4	757.4	1193.4	3185.2	3580.3	4319.3
82.5°	231.3	296.8	300.9	311.2	331.6	431.9	571.1	726.7	2000.0	2067.5	2603.9
85°	116.7	141.2	151.5	167.9	186.3	264.1	325.5	450.4	1287.6	974.4	1455.5
87.5°	38.9	40.9	49.1	61.4	75.7	108.5	139.2	184.2	319.3	176.0	450.4
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: P456208

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**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1	7787.1
2.5°	8718.5	8892.5	9019.4	9136.1	9023.5	9013.3	8902.7	8724.6	8650.9	8650.9
5°	9232.3	9639.7	9969.2	10180.1	10090.0	9873.0	9514.8	9058.3	8812.7	8769.7
7.5°	9373.5	10178.0	10790.1	11007.1	10855.6	10376.6	9690.8	8921.1	8569.0	8491.3
10°	9287.6	10333.6	11232.3	11576.2	11365.4	10640.7	9705.2	8761.5	8327.5	8237.4
12.5°	9197.5	10354.1	11314.2	11811.6	11674.5	10853.6	9809.6	8657.1	8155.5	8026.6
15°	9263.0	10362.3	11213.9	11727.7	11815.7	11109.5	9981.5	8732.8	8120.7	7983.6
17.5°	9676.5	10517.9	11070.6	11486.1	11795.2	11457.5	10470.8	9095.1	8431.9	8262.0
20°	10540.4	10890.4	11152.5	11473.8	11971.3	12167.8	11471.8	10090.0	9306.0	9156.6
22.5°	13041.9	12978.4	12442.1	12436.0	13156.5	13944.7	13897.6	12112.5	10933.4	10810.6
25°	13979.5	13684.7	12908.8	12720.5	13037.8	14253.8	14077.7	12526.0	11437.0	11138.1
27.5°	13613.0	12882.2	12372.5	12329.5	12225.1	13373.5	13797.3	12693.9	11613.0	11322.4
30°	13590.5	12515.8	11787.0	11873.0	11973.3	13070.6	13952.9	13220.0	12063.4	11752.2
32.5°	13645.8	12567.0	11830.0	11846.4	12145.3	13115.6	14124.8	13793.2	12655.0	12343.9
35°	13868.9	12857.7	12104.3	12065.5	12532.2	13410.4	14417.5	14693.9	13463.6	13109.5
37.5°	14229.2	13437.0	12605.9	12595.6	13273.2	13942.6	14781.9	15602.8	14268.1	13887.3
40°	14759.4	14114.6	13498.4	13443.1	14280.4	14808.5	15254.8	16571.1	15203.6	14714.4
42.5°	15400.1	14927.3	14675.5	14894.5	15699.0	15780.9	15991.7	17465.6	15999.9	15430.8
45°	15993.8	15971.3	16321.3	16902.7	17371.5	16880.2	16761.4	18065.4	16618.1	15999.9
47.5°	16700.0	17310.1	18366.3	19217.9	19709.2	18159.6	17418.5	18456.4	17068.5	16499.4
50°	17416.5	18912.9	20599.7	21787.0	21891.4	19549.6	17871.0	18824.9	17477.9	16886.3
52.5°	18169.8	20192.3	22438.0	23817.7	23615.0	20759.4	18309.0	19074.6	17899.6	17379.7
55°	18824.9	20976.4	23465.6	24790.1	24493.2	21496.3	18781.9	19344.8	18501.4	18063.4
57.5°	19191.3	21041.9	23209.7	24366.3	24044.9	21353.0	18998.9	19545.5	18886.3	18542.4
58°	19244.5	20953.8	22982.5	24120.7	23793.1	21232.2	18996.8	19537.3	18910.9	18564.9
60°	19197.5	20382.7	22137.1	23150.4	22806.4	20474.8	18919.1	19383.7	18599.7	18307.0
62.5°	18761.4	19391.9	20677.5	21414.4	21316.2	19291.6	18599.7	18804.4	17651.9	17369.4
65°	18188.2	18040.9	18808.5	19330.5	19404.2	18405.2	18282.4	17551.6	16436.0	16036.8
67.5°	17492.2	16509.6	16507.6	16804.4	16927.2	17041.9	17621.2	16190.3	14683.7	14262.0
70°	16311.1	14149.4	13498.4	13848.5	13746.1	14714.4	16440.0	14278.3	12571.1	12077.7
72.5°	14145.3	11228.2	10186.2	10636.6	10378.7	11539.4	14384.8	11750.2	10395.0	9789.1
75°	11465.7	8399.1	7324.4	7737.9	7578.3	8753.3	11969.2	8534.2	7455.4	7224.1
77.5°	8902.7	6085.9	5461.6	5404.3	5523.0	6513.8	8779.9	5762.5	4915.0	4757.4
80°	5719.5	4356.2	4393.0	4319.3	4380.7	4106.4	5330.6	3676.5	3328.5	3201.6
82.5°	3764.6	3035.8	3619.2	3340.8	3173.0	2761.5	3496.4	2407.4	2043.0	1973.4
85°	2565.0	2235.4	2034.8	1555.8	1832.1	2126.9	2622.3	1295.8	1027.6	931.4
87.5°	1158.6	777.9	571.1	352.1	556.8	642.8	1273.3	151.5	116.7	120.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)