

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: P455541

Luminaire Tested: **GALN-SA6D-727-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P455541  
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-727-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 70 CRI, 2700K, 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: 33069 lumens  
Efficiency: N/A  
Efficacy: 89.9 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 (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

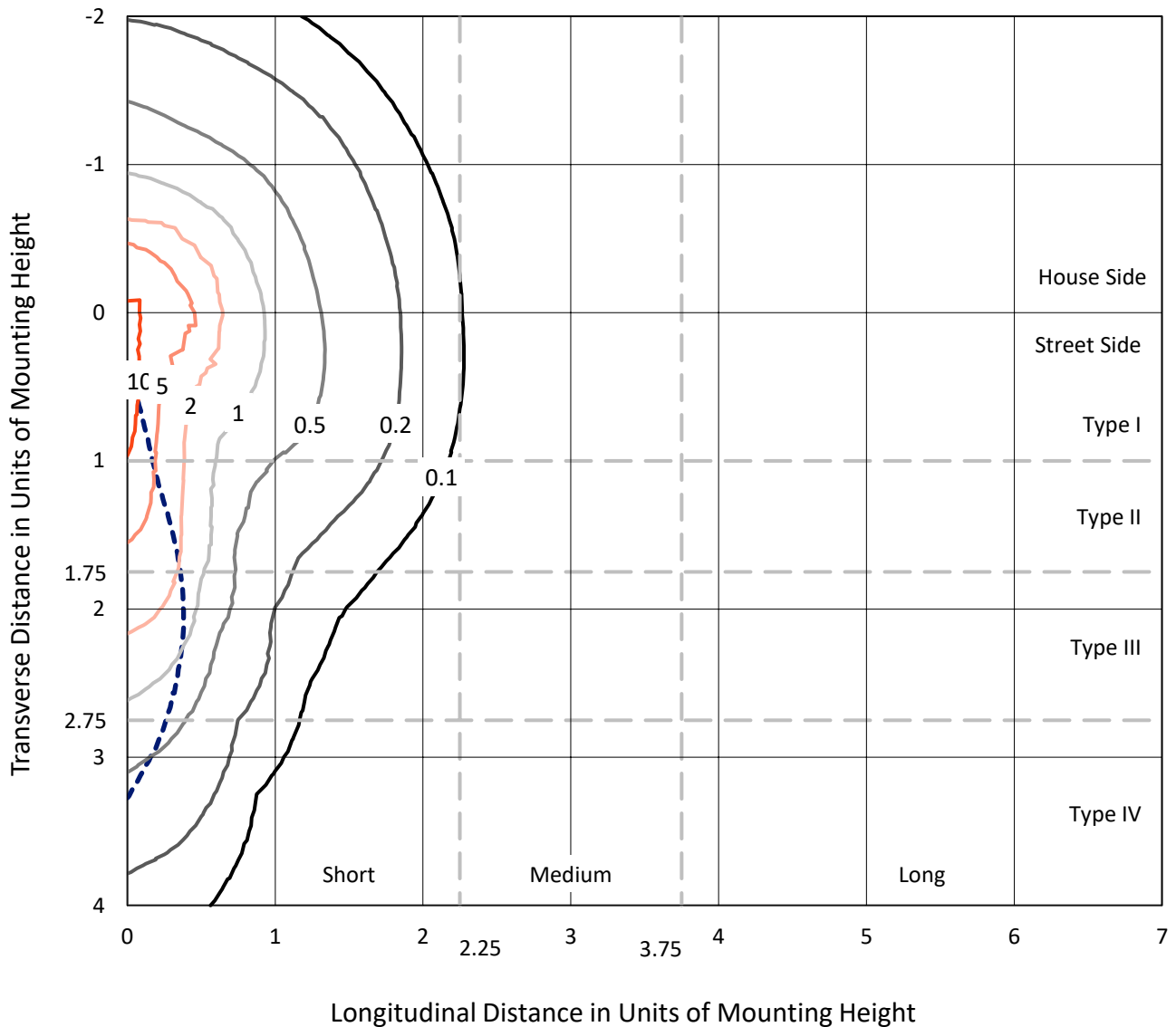




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### Iso-Footcandle Lines of Horizontal Illumination

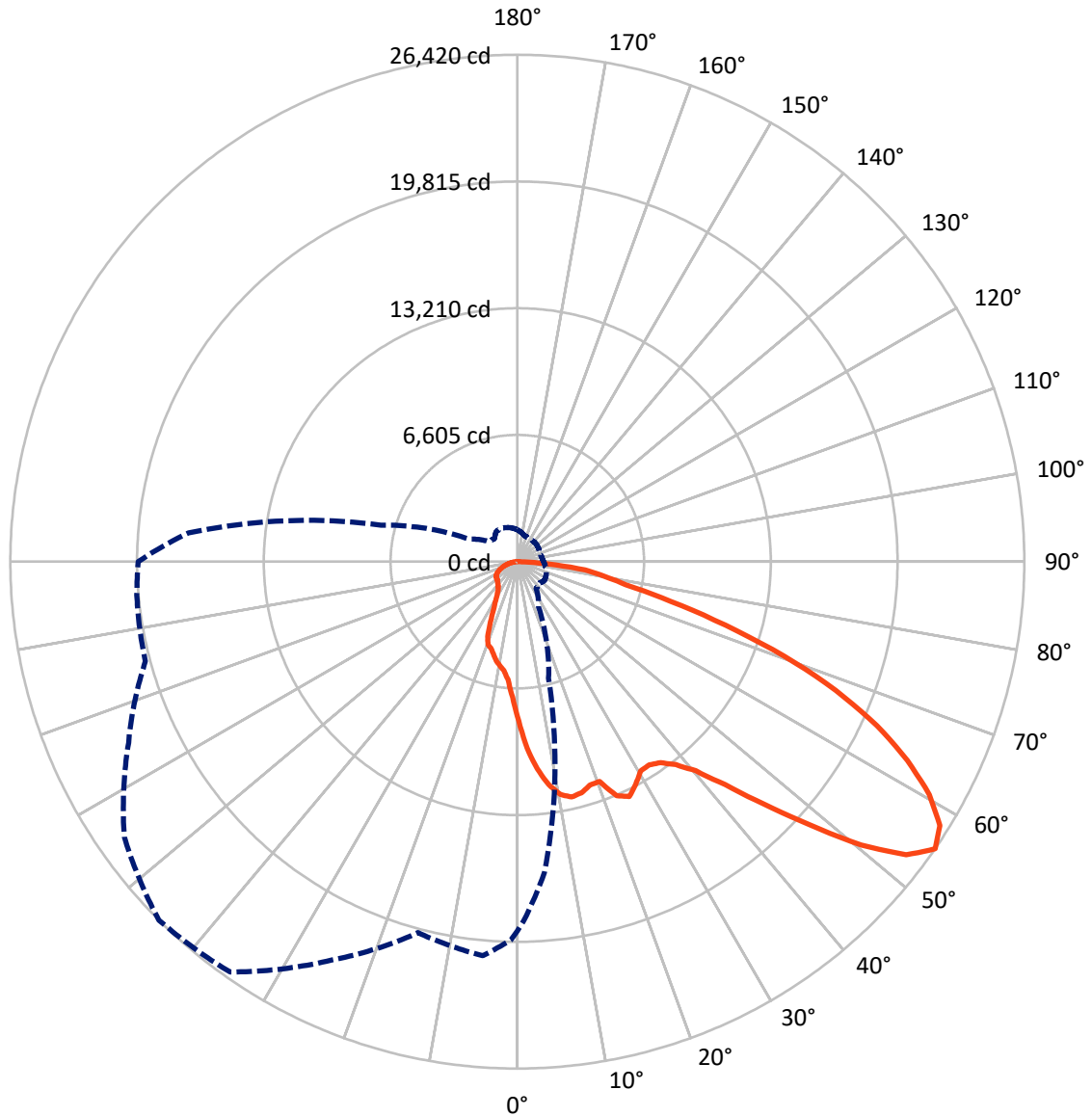
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.2 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	7233.7	0.0	7233.7
	% Fixture	21.9	0.0	21.9
<b>Street Side</b>	Lumens	25835.3	0.0	25835.3
	% Fixture	78.1	0.0	78.1
<b>Total</b>	Lumens	33069.0	0.0	33069.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	703.4	2.1
10°-20°	1866.1	5.6
20°-30°	3223.7	9.7
30°-40°	3746.4	11.3
40°-50°	5227.0	15.8
50°-60°	7092.5	21.4
60°-70°	6747.7	20.4
70°-80°	3645.3	11.0
80°-90°	817.0	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°	33069.0	100.0
0°-180°	33069.0	100.0

**Coefficient of Utilization**



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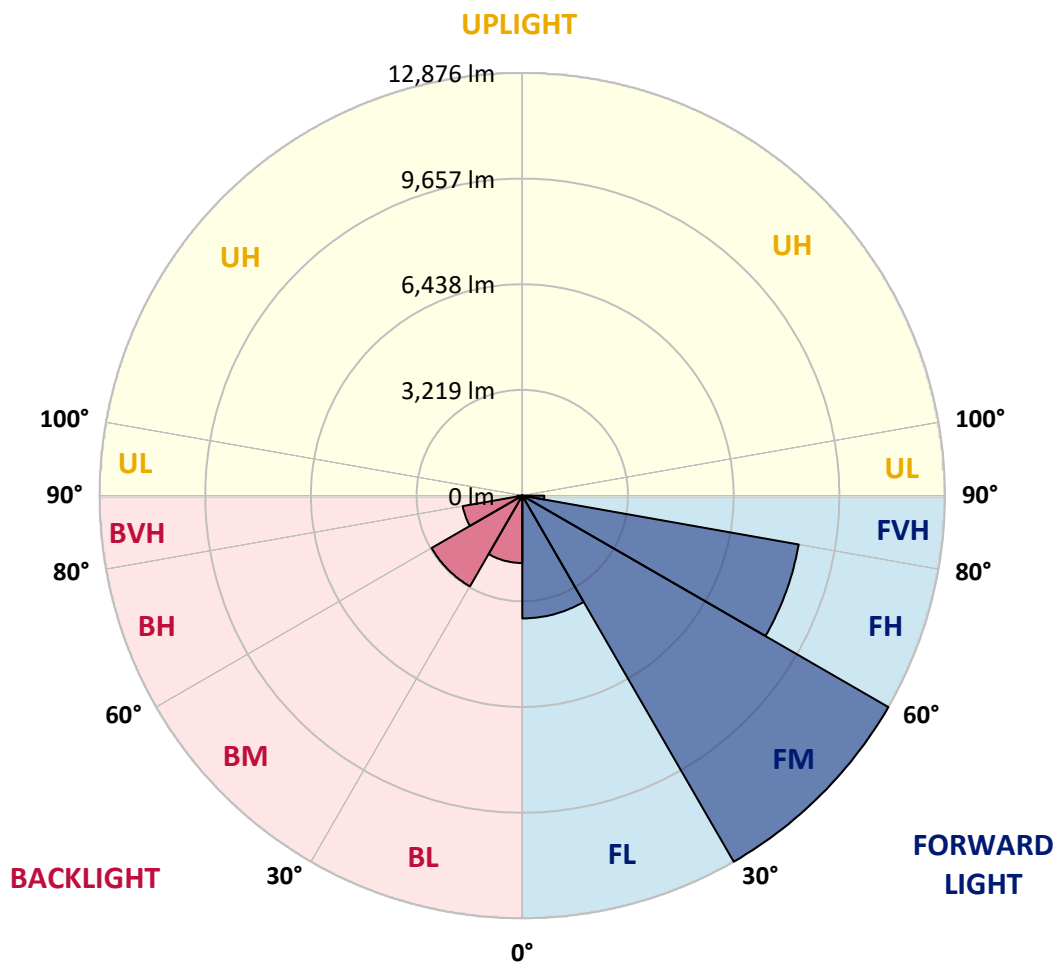
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3740.2	11.3			
FM	(30°-60°)	12876.4	38.9			
FH	(60°-80°)	8551.1	25.9			G4/12000
FVH	(80°-90°)	667.7	2.0			G4/750
BL	(0°-30°)	2052.9	6.2	B3/2500		
BM	(30°-60°)	3189.6	9.6	B3/5000		
BH	(60°-80°)	1841.9	5.6	B3/2500		G3/2500
BVH	(80°-90°)	149.3	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°	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0
2.5°	9219.7	9184.8	9086.6	8829.2	8569.6	8305.6	8102.7	7849.6	7585.6	7443.8	7262.7
5°	9346.2	9307.0	9075.7	8495.4	7969.6	7417.6	6976.9	6590.8	6433.7	6202.5	6017.0
7.5°	9049.5	9032.1	8685.2	7851.8	7131.8	6409.7	5910.1	5600.3	5318.9	5214.2	5236.0
10°	8779.0	8709.2	8275.0	7186.4	6346.4	5759.6	5401.8	5098.5	4900.0	4847.6	4858.6
12.5°	8554.3	8460.5	7947.8	6739.1	6003.9	5534.9	5078.9	4762.6	4581.5	4631.7	4801.8
15°	8508.5	8381.9	7810.3	6586.4	5816.3	5212.0	4712.4	4348.0	4212.8	4321.9	4594.6
17.5°	8805.2	8645.9	8046.0	6636.6	5637.4	4882.6	4269.5	3852.8	3739.4	3913.9	4269.5
20°	9758.6	9522.9	8781.2	6926.8	5620.0	4718.9	4012.1	3593.2	3641.2	3972.8	4343.7
22.5°	11521.3	11167.9	10068.4	7350.0	5711.6	4677.5	3959.7	3741.5	4005.5	4287.0	4531.3
25°	11870.4	11593.3	10299.6	7446.0	5691.9	4649.1	4108.1	4217.1	4511.7	4651.3	4566.2
27.5°	12066.8	11750.4	10284.3	6970.4	5089.8	4217.1	3927.0	4108.1	4182.2	4047.0	3815.7
30°	12524.9	12195.5	10544.0	6470.8	4191.0	3128.5	2742.3	2668.2	2718.3	2744.5	2661.6
32.5°	13155.4	12830.3	11032.6	6143.5	3623.7	2587.4	2207.8	2103.1	2079.1	2050.8	2018.0
35°	13971.3	13471.7	11512.6	5934.1	3390.3	2393.3	2044.2	1963.5	1930.8	1891.5	1856.6
37.5°	14800.4	14276.8	12119.1	5713.8	3235.4	2258.0	1935.1	1898.0	1841.3	1799.9	1749.7
40°	15681.8	15094.9	12671.1	5521.8	3084.9	2170.7	1856.6	1852.2	1778.1	1730.1	1671.2
42.5°	16445.3	15841.0	13164.1	5404.0	2969.2	2079.1	1808.6	1821.7	1745.3	1673.3	1597.0
45°	17051.8	16458.4	13620.1	5404.0	2875.4	1987.5	1799.9	1791.1	1714.8	1625.3	1538.1
47.5°	17584.2	16971.1	14065.1	5541.4	2816.5	1911.1	1751.9	1767.1	1688.6	1575.2	1490.1
50°	17996.5	17455.4	14665.1	5755.2	2757.6	1850.0	1690.8	1773.7	1666.8	1549.0	1450.8
52.5°	18522.3	18037.9	15387.2	6047.6	2707.4	1782.4	1636.2	1773.7	1664.6	1551.2	1444.3
55°	19251.0	18740.4	16257.7	6289.7	2626.7	1719.1	1588.2	1723.5	1658.1	1540.3	1426.8
57.5°	19761.5	19379.7	16872.9	6451.2	2511.1	1638.4	1544.6	1675.5	1629.7	1498.8	1374.4
58°	19785.5	19412.4	16962.4	6488.3	2482.7	1623.2	1533.7	1653.7	1616.6	1481.3	1357.0
60°	19510.6	19189.9	16979.8	6435.9	2321.3	1546.8	1477.0	1564.2	1546.8	1378.8	1263.2
62.5°	18511.4	18168.8	16275.2	6010.5	2107.5	1453.0	1389.7	1444.3	1405.0	1234.8	1127.9
65°	17091.1	16460.6	14826.5	5342.9	1954.8	1352.6	1271.9	1276.3	1234.8	1112.6	1018.8
67.5°	15199.6	14494.9	12553.3	4502.9	1839.1	1241.4	1132.3	1121.4	1071.2	992.7	916.3
70°	12871.8	12389.6	10201.4	3663.0	1710.4	1119.2	975.2	968.7	938.1	879.2	811.6
72.5°	10432.7	9819.6	8237.9	2932.1	1553.3	1001.4	829.0	842.1	802.9	761.4	700.3
75°	7699.1	7297.6	6368.3	2351.8	1341.7	872.7	691.6	695.9	678.5	634.9	586.9
77.5°	5070.2	4950.2	4555.3	1544.6	1031.9	693.8	565.0	569.4	556.3	517.1	466.9
80°	3412.1	3331.4	3087.0	994.8	689.4	501.8	436.3	440.7	438.5	397.1	329.4
82.5°	2103.1	2068.2	1989.7	672.0	477.8	360.0	288.0	301.1	325.1	279.3	224.7
85°	992.7	994.8	1202.1	366.5	281.4	231.3	157.1	168.0	168.0	168.0	126.5
87.5°	128.7	135.3	165.8	154.9	102.5	87.3	56.7	48.0	41.5	54.5	39.3
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0
2.5°	7199.5	7155.8	7062.0	7040.2	7027.1	7064.2	6966.0	6992.2	6948.6	7070.8	7051.1
5°	6027.9	6032.3	6108.6	6158.8	6176.3	6158.8	6093.4	5979.9	5892.7	5857.8	5866.5
7.5°	5194.5	5270.9	5401.8	5548.0	5681.0	5720.3	5683.2	5467.2	5231.6	5083.3	5035.3
10°	4917.5	5020.0	5170.5	5286.2	5404.0	5497.8	5517.4	5349.4	5070.2	4718.9	4581.5
12.5°	4932.7	5072.4	5216.3	5253.4	5242.5	5279.6	5262.2	5233.8	5050.5	4603.3	4374.2
15°	4788.7	4954.5	5054.9	5035.3	5000.4	4967.6	4921.8	4849.8	4784.4	4470.2	4217.1
17.5°	4457.1	4627.3	4710.2	4716.7	4716.7	4708.0	4596.8	4570.6	4561.8	4409.1	4254.2
20°	4518.2	4612.0	4574.9	4513.9	4531.3	4590.2	4524.8	4511.7	4561.8	4629.5	4601.1
22.5°	4553.1	4520.4	4241.1	3970.6	3909.5	4092.8	4129.9	4276.0	4478.9	4723.3	4882.6
25°	4337.1	4073.2	3573.6	3268.1	3095.8	3265.9	3488.5	3759.0	4062.2	4376.4	4561.8
27.5°	3625.9	3425.2	3067.4	2792.5	2642.0	2668.2	2858.0	3104.5	3385.9	3597.6	3732.8
30°	2731.4	2642.0	2456.5	2362.7	2271.1	2249.3	2330.0	2423.8	2548.2	2574.4	2609.3
32.5°	2011.5	1998.4	2009.3	1978.8	1961.3	1959.1	1935.1	1956.9	1970.0	1985.3	1954.8
35°	1819.5	1802.0	1771.5	1762.8	1751.9	1756.2	1745.3	1734.4	1743.1	1756.2	1765.0
37.5°	1721.3	1695.1	1651.5	1636.2	1636.2	1642.8	1625.3	1621.0	1636.2	1677.7	1699.5
40°	1645.0	1614.4	1564.2	1544.6	1557.7	1575.2	1551.2	1542.4	1579.5	1623.2	1658.1
42.5°	1573.0	1549.0	1501.0	1479.2	1490.1	1522.8	1487.9	1481.3	1529.3	1577.3	1618.8
45°	1511.9	1487.9	1444.3	1433.3	1437.7	1468.3	1444.3	1444.3	1490.1	1542.4	1579.5
47.5°	1463.9	1433.3	1405.0	1396.3	1400.6	1418.1	1413.7	1413.7	1457.3	1511.9	1549.0
50°	1415.9	1389.7	1352.6	1357.0	1367.9	1391.9	1389.7	1396.3	1439.9	1507.5	1546.8
52.5°	1394.1	1354.8	1313.4	1317.7	1350.4	1378.8	1370.1	1376.6	1426.8	1553.3	1610.1
55°	1370.1	1317.7	1269.7	1276.3	1313.4	1354.8	1343.9	1352.6	1411.5	1583.9	1662.4
57.5°	1324.3	1263.2	1210.8	1215.2	1269.7	1313.4	1295.9	1306.8	1376.6	1551.2	1634.1
58°	1304.6	1252.3	1202.1	1204.3	1256.6	1304.6	1285.0	1293.7	1365.7	1542.4	1621.0
60°	1221.7	1191.2	1147.6	1149.7	1199.9	1241.4	1230.5	1239.2	1309.0	1479.2	1538.1
62.5°	1108.3	1090.8	1079.9	1079.9	1110.5	1149.7	1160.6	1171.6	1234.8	1337.4	1389.7
65°	986.1	986.1	988.3	988.3	1007.9	1058.1	1064.6	1093.0	1151.9	1202.1	1241.4
67.5°	903.2	898.8	903.2	892.3	901.0	931.6	964.3	990.5	1051.6	1086.5	1099.6
70°	796.3	794.1	796.3	781.0	791.9	818.1	839.9	883.6	946.8	973.0	979.6
72.5°	691.6	691.6	695.9	685.0	685.0	713.4	728.7	776.7	835.6	850.8	853.0
75°	582.5	589.0	589.0	573.8	578.1	595.6	615.2	654.5	709.0	719.9	719.9
77.5°	462.5	486.5	486.5	471.2	477.8	480.0	506.1	525.8	567.2	571.6	554.1
80°	336.0	360.0	379.6	366.5	377.4	364.3	379.6	392.7	434.1	414.5	386.2
82.5°	240.0	257.4	272.7	274.9	264.0	240.0	259.6	261.8	281.4	255.3	240.0
85°	133.1	148.4	168.0	159.3	141.8	126.5	133.1	137.4	135.3	128.7	120.0
87.5°	34.9	37.1	41.5	30.5	28.4	24.0	32.7	32.7	37.1	39.3	37.1
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°	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0
2.5°	7066.4	7162.4	7369.6	7526.7	7718.7	7952.1	8227.0	8504.1	8803.0	8896.8	9027.7
5°	5846.8	6086.8	6187.2	6473.0	6756.6	7182.0	7635.8	8161.6	8737.5	9014.6	9280.8
7.5°	4996.0	5124.7	5229.4	5438.9	5779.2	6296.3	6865.7	7522.4	8338.3	8741.9	9132.4
10°	4537.8	4550.9	4679.7	4939.3	5236.0	5691.9	6230.8	6966.0	7875.8	8366.7	8824.8
12.5°	4234.6	4177.9	4317.5	4588.0	4924.0	5345.1	5840.3	6540.6	7542.0	8046.0	8600.1
15°	3968.4	3879.0	3983.7	4260.8	4592.4	5087.6	5620.0	6361.7	7411.1	7998.0	8613.2
17.5°	3975.0	3728.5	3765.5	3999.0	4328.4	4832.4	5478.1	6355.2	7609.6	8285.9	9014.6
20°	4465.9	4071.0	3903.0	3946.6	4265.1	4814.9	5543.6	6660.6	8261.9	9248.0	10026.9
22.5°	4948.0	4710.2	4439.7	4350.2	4524.8	5100.7	5960.3	7382.7	9680.0	11165.7	12572.9
25°	4780.0	4982.9	4915.3	4788.7	4828.0	5305.8	6243.9	7976.1	10781.8	12455.1	13777.2
27.5°	3824.4	4193.1	4267.3	4265.1	4280.4	4673.1	5615.6	7576.9	10919.2	12701.6	13964.8
30°	2687.8	2720.5	2759.8	2836.2	2906.0	3257.2	4393.9	6651.9	10858.1	12812.9	14078.2
32.5°	1939.5	1983.1	2037.7	2142.4	2308.2	2755.4	3844.1	6357.4	11181.0	13273.2	14409.9
35°	1773.7	1823.9	1876.2	1996.2	2153.3	2567.8	3625.9	6235.2	11711.1	14019.3	15005.4
37.5°	1721.3	1778.1	1823.9	1911.1	2037.7	2432.5	3427.4	6152.3	12254.4	14809.1	15803.9
40°	1684.2	1749.7	1786.8	1856.6	1943.9	2308.2	3250.7	6086.8	12780.2	15531.2	16445.3
42.5°	1651.5	1719.1	1767.1	1817.3	1889.3	2196.9	3093.6	6021.4	13236.1	16231.5	17084.6
45°	1612.2	1697.3	1758.4	1797.7	1861.0	2103.1	2973.6	5969.0	13755.4	16853.3	17730.3
47.5°	1579.5	1673.3	1749.7	1795.5	1819.5	2037.7	2877.6	6041.0	14379.3	17503.4	18330.3
50°	1581.7	1671.2	1767.1	1839.1	1775.9	1983.1	2818.7	6326.8	15190.9	18275.7	18803.7
52.5°	1651.5	1760.6	1837.0	1854.4	1714.8	1917.7	2788.2	6826.4	16150.8	18958.6	19281.5
55°	1730.1	1843.5	1926.4	1915.5	1682.1	1834.8	2781.6	7358.7	17202.4	19754.9	19903.3
57.5°	1701.7	1867.5	1994.0	1937.3	1684.2	1754.1	2753.3	7788.5	18081.6	20350.5	20518.5
58°	1693.0	1858.8	2002.8	1932.9	1677.7	1730.1	2746.7	7825.6	18203.8	20392.0	20605.8
60°	1607.9	1782.4	1996.2	1900.2	1640.6	1664.6	2674.7	7945.6	18171.0	20178.2	20658.1
62.5°	1453.0	1597.0	1845.7	1741.0	1527.2	1577.3	2513.3	7797.2	17285.3	19148.4	19892.4
65°	1278.5	1385.4	1551.2	1531.5	1365.7	1487.9	2292.9	7210.4	15511.6	17477.3	18260.5
67.5°	1147.6	1234.8	1339.5	1311.2	1228.3	1367.9	2055.1	6217.7	13521.9	15470.1	16456.2
70°	1014.5	1082.1	1134.5	1114.8	1088.6	1250.1	1843.5	5046.2	11615.1	13563.4	14518.9
72.5°	879.2	942.5	986.1	957.7	942.5	1125.7	1671.2	3916.1	9173.9	11189.7	12418.0
75°	735.2	798.5	829.0	796.3	787.6	992.7	1415.9	2925.6	6883.1	8626.3	9686.6
77.5°	569.4	637.0	676.3	665.4	669.8	815.9	1143.2	2002.8	4921.8	5879.6	6996.6
80°	399.2	473.4	499.6	488.7	519.2	621.8	807.2	1271.9	3394.7	3815.7	4603.3
82.5°	246.5	316.3	320.7	331.6	353.4	460.3	608.7	774.5	2131.5	2203.5	2775.1
85°	124.4	150.5	161.4	178.9	198.5	281.4	346.9	480.0	1372.3	1038.5	1551.2
87.5°	41.5	43.6	52.4	65.4	80.7	115.6	148.4	196.3	340.3	187.6	480.0
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: P455541

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**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0	8299.0
2.5°	9291.7	9477.1	9612.4	9736.7	9616.7	9605.8	9488.0	9298.2	9219.7	9219.7
5°	9839.3	10273.4	10624.7	10849.4	10753.4	10522.1	10140.3	9653.8	9392.0	9346.2
7.5°	9989.8	10847.2	11499.5	11730.8	11569.3	11058.8	10328.0	9507.7	9132.4	9049.5
10°	9898.2	11013.0	11970.8	12337.3	12112.6	11340.3	10343.2	9337.5	8875.0	8779.0
12.5°	9802.2	11034.8	12058.0	12588.2	12442.0	11567.2	10454.5	9226.2	8691.7	8554.3
15°	9872.0	11043.6	11951.1	12498.7	12592.5	11839.9	10637.8	9307.0	8654.6	8508.5
17.5°	10312.7	11209.4	11798.4	12241.3	12570.7	12210.7	11159.2	9693.1	8986.2	8805.2
20°	11233.4	11606.4	11885.7	12228.2	12758.3	12967.8	12226.0	10753.4	9917.8	9758.6
22.5°	13899.3	13831.7	13260.1	13253.6	14021.5	14861.5	14811.3	12908.9	11652.2	11521.3
25°	14898.5	14584.4	13757.5	13556.8	13895.0	15190.9	15003.3	13349.6	12188.9	11870.4
27.5°	14508.0	13729.2	13185.9	13140.1	13028.9	14252.8	14704.4	13528.5	12376.5	12066.8
30°	14484.0	13338.7	12562.0	12653.6	12760.5	13929.9	14870.2	14089.1	12856.5	12524.9
32.5°	14542.9	13393.2	12607.8	12625.3	12943.8	13977.9	15053.4	14700.0	13487.0	13155.4
35°	14780.7	13703.0	12900.1	12858.7	13356.1	14292.0	15365.4	15659.9	14348.8	13971.3
37.5°	15164.7	14320.4	13434.7	13423.7	14145.9	14859.3	15753.8	16628.6	15206.2	14800.4
40°	15729.8	15042.5	14385.9	14326.9	15219.2	15782.1	16257.7	17660.5	16203.2	15681.8
42.5°	16412.6	15908.7	15640.3	15873.7	16731.1	16818.4	17043.1	18613.9	17051.8	16445.3
45°	17045.3	17021.3	17394.4	18014.0	18513.6	17990.0	17863.4	19253.1	17710.7	17051.8
47.5°	17798.0	18448.1	19573.8	20481.4	21005.0	19353.5	18563.7	19669.8	18190.7	17584.2
50°	18561.5	20156.3	21954.0	23219.4	23330.7	20834.8	19045.9	20062.5	18627.0	17996.5
52.5°	19364.4	21519.9	23913.2	25383.6	25167.6	22124.2	19512.7	20328.7	19076.4	18522.3
55°	20062.5	22355.5	25008.3	26419.9	26103.5	22909.6	20016.7	20616.7	19717.8	19251.0
57.5°	20453.0	22425.3	24735.6	25968.3	25625.8	22756.9	20248.0	20830.5	20128.0	19761.5
58°	20509.8	22331.5	24493.5	25706.5	25357.4	22628.2	20245.8	20821.7	20154.2	19785.5
60°	20459.6	21722.8	23592.5	24672.4	24305.9	21820.9	20162.9	20658.1	19822.5	19510.6
62.5°	19994.9	20666.8	22036.9	22822.3	22717.6	20559.9	19822.5	20040.7	18812.4	18511.4
65°	19384.0	19227.0	20045.1	20601.4	20679.9	19615.3	19484.4	18705.5	17516.5	17091.1
67.5°	18642.3	17595.1	17592.9	17909.2	18040.1	18162.3	18779.7	17254.7	15649.0	15199.6
70°	17383.5	15079.6	14385.9	14758.9	14649.8	15681.8	17520.9	15217.1	13397.6	12871.8
72.5°	15075.3	11966.4	10855.9	11335.9	11061.0	12298.0	15330.5	12522.7	11078.5	10432.7
75°	12219.5	8951.3	7806.0	8246.7	8076.5	9328.8	12756.2	9095.3	7945.6	7699.1
77.5°	9488.0	6486.1	5820.7	5759.6	5886.1	6942.0	9357.1	6141.4	5238.2	5070.2
80°	6095.6	4642.6	4681.8	4603.3	4668.7	4376.4	5681.0	3918.3	3547.4	3412.1
82.5°	4012.1	3235.4	3857.2	3560.5	3381.6	2943.1	3726.3	2565.6	2177.3	2103.1
85°	2733.6	2382.4	2168.6	1658.1	1952.6	2266.7	2794.7	1381.0	1095.2	992.7
87.5°	1234.8	829.0	608.7	375.2	593.4	685.0	1357.0	161.4	124.4	128.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)