

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: P456962

Luminaire Tested: **GALN-SA8B-730-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P456962  
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-730-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(8) 70 CRI, 3000K, 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: 36070 lumens  
Efficiency: N/A  
Efficacy: 111.0 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

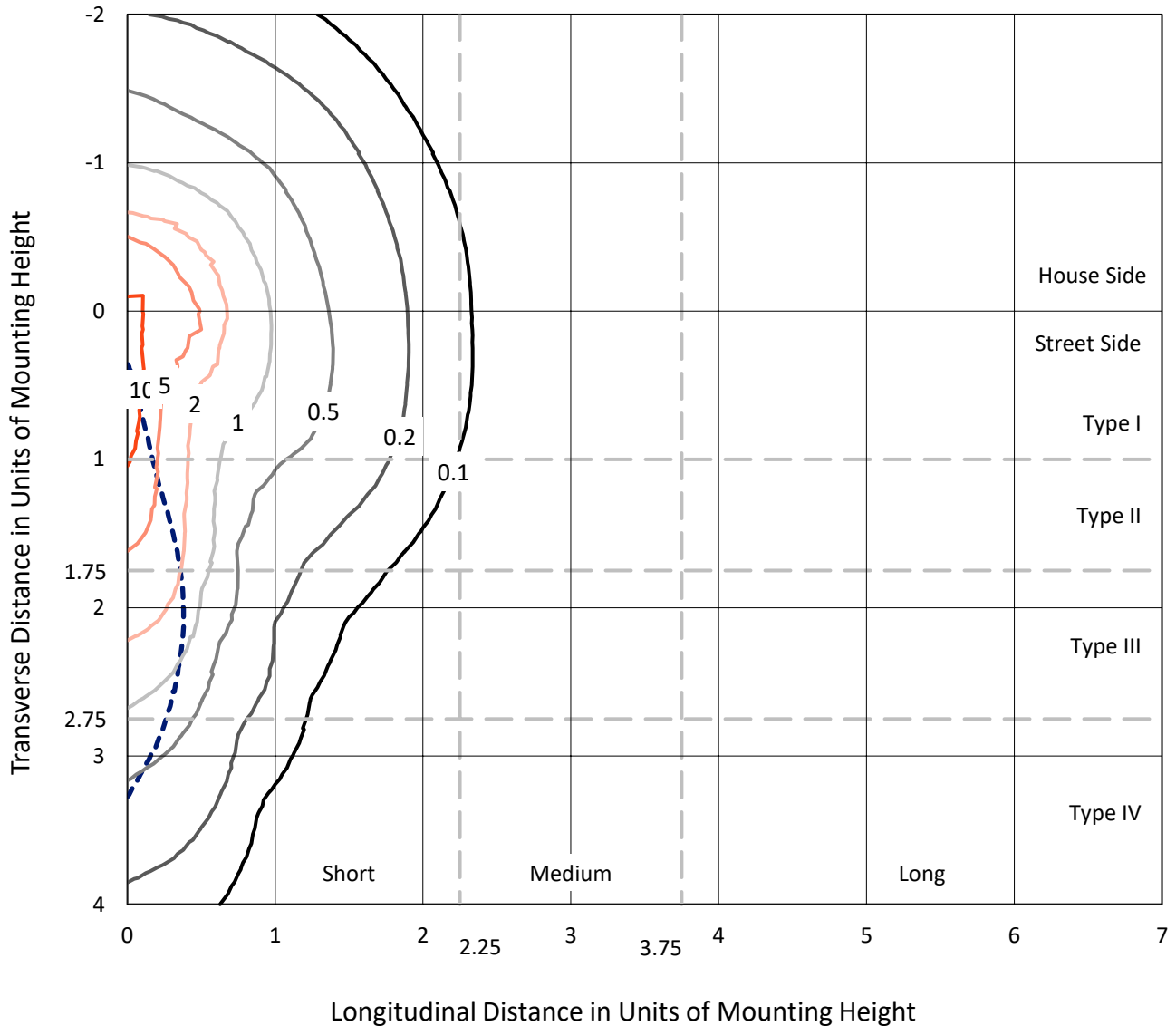
Input Watts (W): 325  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

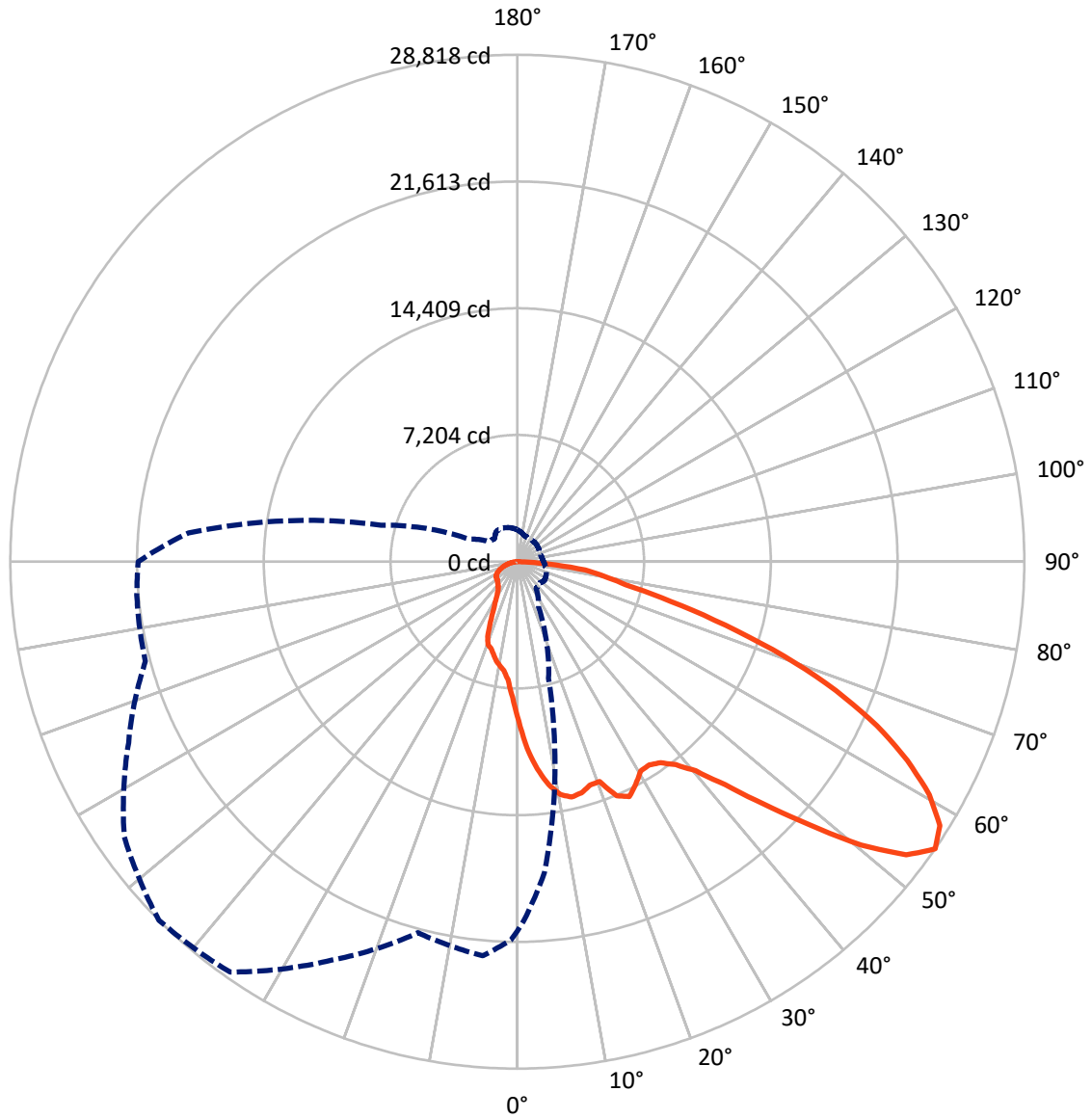
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15.5 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	7890.1	0.0	7890.1
	% Fixture	21.9	0.0	21.9
<b>Street Side</b>	Lumens	28179.8	0.0	28179.8
	% Fixture	78.1	0.0	78.1
<b>Total</b>	Lumens	36070.0	0.0	36070.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	767.2	2.1
10°-20°	2035.4	5.6
20°-30°	3516.2	9.7
30°-40°	4086.4	11.3
40°-50°	5701.4	15.8
50°-60°	7736.1	21.4
60°-70°	7360.0	20.4
70°-80°	3976.1	11.0
80°-90°	891.1	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°	36070.0	100.0
0°-180°	36070.0	100.0

**Coefficient of Utilization**



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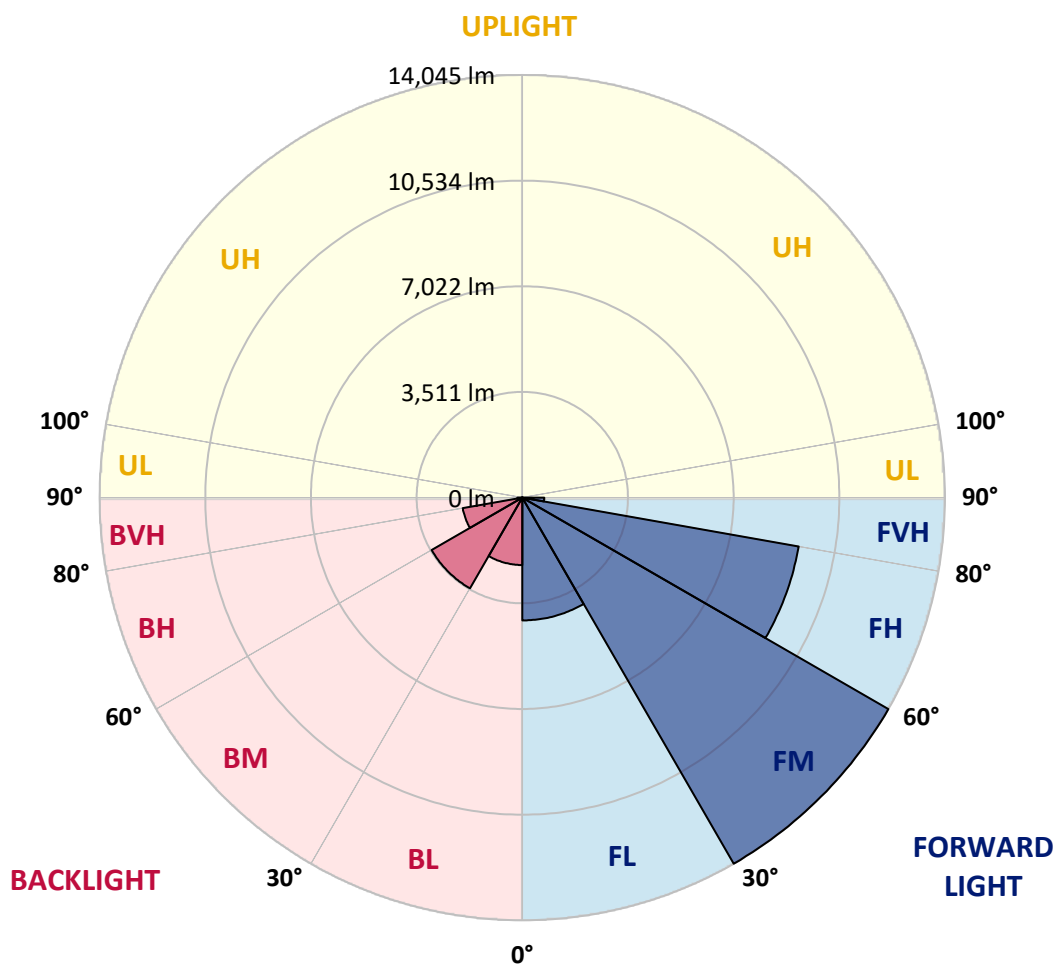
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4079.6	11.3			
FM	(30°-60°)	14044.9	38.9			
FH	(60°-80°)	9327.1	25.9			G4/12000
FVH	(80°-90°)	728.3	2.0			G4/750
BL	(0°-30°)	2239.2	6.2	B3/2500		
BM	(30°-60°)	3479.0	9.6	B3/5000		
BH	(60°-80°)	2009.0	5.6	B3/2500		G3/2500
BVH	(80°-90°)	162.8	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°	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2
2.5°	10056.4	10018.3	9911.2	9630.4	9347.2	9059.3	8838.0	8562.0	8274.0	8119.3	7921.8
5°	10194.4	10151.6	9899.3	9266.3	8692.8	8090.8	7610.1	7188.9	7017.6	6765.3	6563.1
7.5°	9870.8	9851.7	9473.4	8564.3	7779.1	6991.4	6446.5	6108.5	5801.6	5687.3	5711.1
10°	9575.7	9499.5	9026.0	7838.5	6922.4	6282.3	5892.0	5561.2	5344.7	5287.6	5299.5
12.5°	9330.6	9228.3	8669.0	7350.7	6548.8	6037.2	5539.8	5194.8	4997.2	5052.0	5237.6
15°	9280.6	9142.6	8519.1	7184.1	6344.1	5685.0	5140.0	4742.6	4595.1	4714.1	5011.5
17.5°	9604.2	9430.5	8776.1	7238.9	6149.0	5325.6	4657.0	4202.4	4078.7	4269.1	4657.0
20°	10644.1	10387.1	9578.1	7555.4	6130.0	5147.2	4376.2	3919.3	3971.6	4333.3	4737.9
22.5°	12566.9	12181.4	10982.1	8017.0	6229.9	5102.0	4319.1	4081.1	4369.0	4676.0	4942.5
25°	12947.6	12645.4	11234.3	8121.7	6208.5	5071.0	4480.9	4599.8	4921.1	5073.4	4980.6
27.5°	13161.8	12816.8	11217.6	7603.0	5551.7	4599.8	4283.4	4480.9	4561.8	4414.2	4162.0
30°	13661.5	13302.2	11500.8	7058.0	4571.3	3412.4	2991.2	2910.3	2965.0	2993.6	2903.2
32.5°	14349.2	13994.7	12033.9	6701.1	3952.6	2822.3	2408.2	2294.0	2267.8	2236.9	2201.2
35°	15239.2	14694.3	12557.4	6472.6	3698.0	2610.5	2229.7	2141.7	2106.0	2063.2	2025.1
37.5°	16143.5	15572.4	13218.9	6232.3	3529.0	2462.9	2110.7	2070.3	2008.4	1963.2	1908.5
40°	17104.9	16464.7	13821.0	6022.9	3364.8	2367.7	2025.1	2020.3	1939.4	1887.1	1822.8
42.5°	17937.7	17278.6	14358.8	5894.4	3238.7	2267.8	1972.7	1987.0	1903.7	1825.2	1741.9
45°	18599.3	17952.0	14856.1	5894.4	3136.4	2167.9	1963.2	1953.7	1870.4	1772.8	1677.6
47.5°	19179.9	18511.2	15341.6	6044.3	3072.1	2084.6	1910.9	1927.5	1841.8	1718.1	1625.3
50°	19629.7	19039.5	15996.0	6277.5	3007.9	2017.9	1844.2	1934.6	1818.0	1689.5	1582.5
52.5°	20203.2	19674.9	16783.6	6596.4	2953.1	1944.2	1784.7	1934.6	1815.7	1691.9	1575.3
55°	20998.0	20441.1	17733.1	6860.5	2865.1	1875.2	1732.4	1879.9	1808.5	1680.0	1556.3
57.5°	21554.8	21138.4	18404.2	7036.6	2739.0	1787.1	1684.8	1827.6	1777.6	1634.8	1499.2
58°	21581.0	21174.1	18501.7	7077.1	2708.0	1770.5	1672.9	1803.8	1763.3	1615.8	1480.1
60°	21281.1	20931.3	18520.8	7019.9	2531.9	1687.2	1611.0	1706.2	1687.2	1503.9	1377.8
62.5°	20191.3	19817.7	17752.1	6555.9	2298.7	1584.8	1515.8	1575.3	1532.5	1346.9	1230.3
65°	18642.1	17954.4	16172.1	5827.7	2132.2	1475.4	1387.3	1392.1	1346.9	1213.6	1111.3
67.5°	16579.0	15810.3	13692.5	4911.6	2006.0	1354.0	1235.0	1223.1	1168.4	1082.7	999.4
70°	14039.9	13514.0	11127.2	3995.4	1865.6	1220.8	1063.7	1056.6	1023.2	959.0	885.2
72.5°	11379.5	10710.8	8985.5	3198.2	1694.3	1092.3	904.3	918.5	875.7	830.5	763.9
75°	8397.8	7959.9	6946.2	2565.3	1463.5	951.9	754.3	759.1	740.1	692.5	640.1
77.5°	5530.3	5399.4	4968.7	1684.8	1125.6	756.7	616.3	621.1	606.8	564.0	509.2
80°	3721.8	3633.7	3367.2	1085.1	752.0	547.3	475.9	480.7	478.3	433.1	359.3
82.5°	2294.0	2255.9	2170.2	732.9	521.1	392.6	314.1	328.4	354.6	304.6	245.1
85°	1082.7	1085.1	1311.2	399.8	307.0	252.2	171.3	183.2	183.2	183.2	138.0
87.5°	140.4	147.5	180.9	169.0	111.8	95.2	61.9	52.4	45.2	59.5	42.8
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°	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2
2.5°	7852.8	7805.2	7702.9	7679.1	7664.8	7705.3	7598.2	7626.8	7579.2	7712.4	7691.0
5°	6575.0	6579.7	6663.0	6717.7	6736.8	6717.7	6646.3	6522.6	6427.4	6389.3	6398.9
7.5°	5665.9	5749.2	5892.0	6051.4	6196.6	6239.4	6199.0	5963.4	5706.4	5544.6	5492.2
10°	5363.7	5475.6	5639.8	5765.9	5894.4	5996.7	6018.1	5834.9	5530.3	5147.2	4997.2
12.5°	5380.4	5532.7	5689.7	5730.2	5718.3	5758.7	5739.7	5708.8	5508.9	5021.0	4771.2
15°	5223.3	5404.2	5513.6	5492.2	5454.1	5418.4	5368.5	5289.9	5218.6	4875.9	4599.8
17.5°	4861.6	5047.2	5137.6	5144.8	5144.8	5135.3	5013.9	4985.4	4975.8	4809.3	4640.3
20°	4928.2	5030.6	4990.1	4923.5	4942.5	5006.8	4935.4	4921.1	4975.8	5049.6	5018.7
22.5°	4966.3	4930.6	4626.0	4330.9	4264.3	4464.2	4504.7	4664.1	4885.4	5151.9	5325.6
25°	4730.7	4442.8	3897.9	3564.7	3376.7	3562.3	3805.0	4100.1	4430.9	4773.6	4975.8
27.5°	3955.0	3736.0	3345.8	3045.9	2881.7	2910.3	3117.3	3386.2	3693.2	3924.0	4071.6
30°	2979.3	2881.7	2679.5	2577.2	2477.2	2453.4	2541.5	2643.8	2779.4	2808.0	2846.1
32.5°	2194.0	2179.8	2191.7	2158.3	2139.3	2136.9	2110.7	2134.5	2148.8	2165.5	2132.2
35°	1984.6	1965.6	1932.3	1922.8	1910.9	1915.6	1903.7	1891.8	1901.3	1915.6	1925.1
37.5°	1877.5	1849.0	1801.4	1784.7	1784.7	1791.9	1772.8	1768.1	1784.7	1829.9	1853.7
40°	1794.3	1760.9	1706.2	1684.8	1699.1	1718.1	1691.9	1682.4	1722.9	1770.5	1808.5
42.5°	1715.7	1689.5	1637.2	1613.4	1625.3	1661.0	1622.9	1615.8	1668.1	1720.5	1765.7
45°	1649.1	1622.9	1575.3	1563.4	1568.2	1601.5	1575.3	1575.3	1625.3	1682.4	1722.9
47.5°	1596.7	1563.4	1532.5	1523.0	1527.7	1546.8	1542.0	1542.0	1589.6	1649.1	1689.5
50°	1544.4	1515.8	1475.4	1480.1	1492.0	1518.2	1515.8	1523.0	1570.6	1644.3	1687.2
52.5°	1520.6	1477.8	1432.5	1437.3	1473.0	1503.9	1494.4	1501.6	1556.3	1694.3	1756.2
55°	1494.4	1437.3	1385.0	1392.1	1432.5	1477.8	1465.9	1475.4	1539.6	1727.6	1813.3
57.5°	1444.4	1377.8	1320.7	1325.5	1385.0	1432.5	1413.5	1425.4	1501.6	1691.9	1782.4
58°	1423.0	1365.9	1311.2	1313.6	1370.7	1423.0	1401.6	1411.1	1489.7	1682.4	1768.1
60°	1332.6	1299.3	1251.7	1254.1	1308.8	1354.0	1342.1	1351.6	1427.8	1613.4	1677.6
62.5°	1208.9	1189.8	1177.9	1177.9	1211.2	1254.1	1266.0	1277.9	1346.9	1458.7	1515.8
65°	1075.6	1075.6	1078.0	1078.0	1099.4	1154.1	1161.3	1192.2	1256.5	1311.2	1354.0
67.5°	985.2	980.4	985.2	973.3	982.8	1016.1	1051.8	1080.4	1147.0	1185.1	1199.3
70°	868.6	866.2	868.6	851.9	863.8	892.4	916.2	963.8	1032.8	1061.3	1068.5
72.5°	754.3	754.3	759.1	747.2	747.2	778.1	794.8	847.2	911.4	928.1	930.4
75°	635.4	642.5	642.5	625.8	630.6	649.6	671.1	713.9	773.4	785.3	785.3
77.5°	504.5	530.7	530.7	514.0	521.1	523.5	552.1	573.5	618.7	623.5	604.4
80°	366.5	392.6	414.1	399.8	411.7	397.4	414.1	428.3	473.5	452.1	421.2
82.5°	261.8	280.8	297.5	299.8	287.9	261.8	283.2	285.6	307.0	278.4	261.8
85°	145.2	161.8	183.2	173.7	154.7	138.0	145.2	149.9	147.5	140.4	130.9
87.5°	38.1	40.5	45.2	33.3	30.9	26.2	35.7	35.7	40.5	42.8	40.5
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2
2.5°	7707.7	7812.4	8038.4	8209.8	8419.2	8673.8	8973.6	9275.8	9601.9	9704.2	9847.0
5°	6377.4	6639.2	6748.7	7060.4	7369.8	7833.8	8328.7	8902.2	9530.5	9832.7	10123.0
7.5°	5449.4	5589.8	5704.0	5932.4	6303.7	6867.6	7488.7	8205.0	9095.0	9535.2	9961.2
10°	4949.7	4963.9	5104.3	5387.5	5711.1	6208.5	6796.3	7598.2	8590.5	9125.9	9625.7
12.5°	4618.9	4557.0	4709.3	5004.4	5370.9	5830.1	6370.3	7134.2	8226.4	8776.1	9380.6
15°	4328.6	4231.0	4345.2	4647.4	5009.1	5549.3	6130.0	6939.0	8083.6	8723.8	9394.8
17.5°	4335.7	4066.8	4107.3	4361.9	4721.2	5270.9	5975.3	6931.9	8300.2	9037.9	9832.7
20°	4871.1	4440.4	4257.2	4304.8	4652.2	5251.9	6046.7	7265.0	9011.7	10087.3	10936.8
22.5°	5397.0	5137.6	4842.6	4745.0	4935.4	5563.6	6501.2	8052.7	10558.5	12179.0	13713.9
25°	5213.8	5435.1	5361.3	5223.3	5266.1	5787.3	6810.5	8700.0	11760.2	13585.4	15027.4
27.5°	4171.5	4573.7	4654.6	4652.2	4668.9	5097.2	6125.2	8264.5	11910.1	13854.3	15232.1
30°	2931.7	2967.4	3010.2	3093.5	3169.7	3552.8	4792.6	7255.5	11843.5	13975.6	15355.8
32.5°	2115.5	2163.1	2222.6	2336.8	2517.7	3005.5	4192.9	6934.3	12195.7	14477.7	15717.5
35°	1934.6	1989.4	2046.5	2177.4	2348.7	2800.8	3955.0	6801.0	12773.9	15291.6	16367.2
37.5°	1877.5	1939.4	1989.4	2084.6	2222.6	2653.3	3738.4	6710.6	13366.5	16153.0	17238.1
40°	1837.1	1908.5	1948.9	2025.1	2120.3	2517.7	3545.7	6639.2	13939.9	16940.7	17937.7
42.5°	1801.4	1875.2	1927.5	1982.2	2060.8	2396.3	3374.3	6567.8	14437.3	17704.5	18635.0
45°	1758.6	1851.4	1918.0	1960.8	2029.8	2294.0	3243.5	6510.7	15003.6	18382.7	19339.4
47.5°	1722.9	1825.2	1908.5	1958.4	1984.6	2222.6	3138.7	6589.2	15684.2	19091.9	19993.8
50°	1725.2	1822.8	1927.5	2006.0	1937.0	2163.1	3074.5	6901.0	16569.5	19934.3	20510.1
52.5°	1801.4	1920.4	2003.7	2022.7	1870.4	2091.7	3041.2	7445.9	17616.5	20679.1	21031.3
55°	1887.1	2010.8	2101.2	2089.3	1834.7	2001.3	3034.0	8026.5	18763.5	21547.7	21709.5
57.5°	1856.1	2037.0	2175.0	2113.1	1837.1	1913.2	3003.1	8495.3	19722.5	22197.3	22380.5
58°	1846.6	2027.5	2184.5	2108.4	1829.9	1887.1	2996.0	8535.8	19855.7	22242.5	22475.7
60°	1753.8	1944.2	2177.4	2072.7	1789.5	1815.7	2917.4	8666.7	19820.0	22009.3	22532.8
62.5°	1584.8	1741.9	2013.2	1899.0	1665.7	1720.5	2741.3	8504.8	18853.9	20886.1	21697.6
65°	1394.5	1511.1	1691.9	1670.5	1489.7	1622.9	2501.0	7864.7	16919.3	19063.3	19917.6
67.5°	1251.7	1346.9	1461.1	1430.2	1339.7	1492.0	2241.6	6782.0	14749.0	16874.0	17949.6
70°	1106.5	1180.3	1237.4	1216.0	1187.4	1363.5	2010.8	5504.1	12669.2	14794.2	15836.5
72.5°	959.0	1028.0	1075.6	1044.7	1028.0	1227.9	1822.8	4271.5	10006.4	12205.2	13544.9
75°	801.9	870.9	904.3	868.6	859.1	1082.7	1544.4	3191.1	7507.8	9409.1	10565.6
77.5°	621.1	694.9	737.7	725.8	730.6	890.0	1246.9	2184.5	5368.5	6413.1	7631.5
80°	435.5	516.4	544.9	533.0	566.4	678.2	880.5	1387.3	3702.7	4162.0	5021.0
82.5°	268.9	345.0	349.8	361.7	385.5	502.1	663.9	844.8	2324.9	2403.4	3026.9
85°	135.6	164.2	176.1	195.1	216.5	307.0	378.4	523.5	1496.8	1132.7	1691.9
87.5°	45.2	47.6	57.1	71.4	88.0	126.1	161.8	214.2	371.2	204.6	523.5
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):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2	9052.2
2.5°	10134.9	10337.2	10484.7	10620.3	10489.5	10477.6	10349.1	10142.0	10056.4	10056.4
5°	10732.2	11205.7	11588.9	11834.0	11729.3	11477.0	11060.6	10529.9	10244.4	10194.4
7.5°	10896.4	11831.6	12543.1	12795.3	12619.2	12062.4	11265.2	10370.5	9961.2	9870.8
10°	10796.4	12012.4	13057.1	13456.9	13211.8	12369.4	11281.9	10184.9	9680.4	9575.7
12.5°	10691.7	12036.2	13152.3	13730.5	13571.1	12616.9	11403.2	10063.5	9480.5	9330.6
15°	10767.9	12045.8	13035.7	13633.0	13735.3	12914.3	11603.1	10151.6	9440.0	9280.6
17.5°	11248.6	12226.6	12869.1	13352.2	13711.5	13318.9	12171.9	10572.8	9801.7	9604.2
20°	12252.8	12659.7	12964.3	13337.9	13916.2	14144.6	13335.5	11729.3	10817.9	10644.1
22.5°	15160.7	15086.9	14463.5	14456.3	15294.0	16210.1	16155.4	14080.3	12709.7	12566.9
25°	16250.6	15907.9	15006.0	14787.1	15155.9	16569.5	16364.8	14561.0	13295.1	12947.6
27.5°	15824.6	14975.1	14382.6	14332.6	14211.2	15546.2	16038.8	14756.2	13499.7	13161.8
30°	15798.4	14549.1	13702.0	13801.9	13918.5	15194.0	16219.6	15367.7	14023.2	13661.5
32.5°	15862.7	14608.6	13752.0	13771.0	14118.4	15246.4	16419.5	16034.0	14711.0	14349.2
35°	16122.1	14946.5	14070.8	14025.6	14568.2	15589.0	16759.8	17081.1	15650.9	15239.2
37.5°	16540.9	15620.0	14653.8	14641.9	15429.6	16207.7	17183.4	18137.6	16586.1	16143.5
40°	17157.2	16407.6	15691.4	15627.1	16600.4	17214.3	17733.1	19263.2	17673.6	17104.9
42.5°	17902.1	17352.4	17059.7	17314.3	18249.5	18344.7	18589.8	20303.1	18599.3	17937.7
45°	18592.1	18566.0	18972.9	19648.7	20193.6	19622.5	19484.5	21000.3	19317.9	18599.3
47.5°	19413.1	20122.3	21350.2	22340.1	22911.2	21109.8	20248.4	21454.9	19841.5	19179.9
50°	20246.0	21985.5	23946.3	25326.5	25447.9	22725.6	20774.3	21883.2	20317.4	19629.7
52.5°	21121.7	23472.8	26083.3	27687.1	27451.6	24132.0	21283.5	22173.5	20807.6	20203.2
55°	21883.2	24384.2	27277.8	28817.5	28472.4	24988.6	21833.2	22487.6	21507.2	20998.0
57.5°	22309.2	24460.3	26980.4	28324.9	27951.3	24822.1	22085.5	22720.8	21954.6	21554.8
58°	22371.0	24358.0	26716.2	28039.3	27658.6	24681.7	22083.1	22711.3	21983.1	21581.0
60°	22316.3	23694.1	25733.5	26911.4	26511.6	23801.2	21992.7	22532.8	21621.4	21281.1
62.5°	21809.4	22542.4	24036.8	24893.4	24779.2	22425.8	21621.4	21859.4	20519.7	20191.3
65°	21143.1	20971.8	21864.2	22471.0	22556.6	21395.4	21252.6	20403.1	19106.2	18642.1
67.5°	20334.0	19191.8	19189.4	19534.5	19677.3	19810.5	20484.0	18820.6	17069.2	16579.0
70°	18961.0	16448.1	15691.4	16098.3	15979.3	17104.9	19110.9	16598.0	14613.4	14039.9
72.5°	16443.3	13052.3	11841.1	12364.6	12064.8	13414.0	16721.7	13659.1	12083.8	11379.5
75°	13328.4	9763.7	8514.4	8995.0	8809.4	10175.4	13913.8	9920.7	8666.7	8397.8
77.5°	10349.1	7074.7	6348.9	6282.3	6420.3	7572.0	10206.3	6698.7	5713.5	5530.3
80°	6648.7	5063.9	5106.7	5021.0	5092.4	4773.6	6196.6	4273.8	3869.3	3721.8
82.5°	4376.2	3529.0	4207.2	3883.6	3688.4	3210.1	4064.4	2798.5	2374.9	2294.0
85°	2981.7	2598.6	2365.4	1808.5	2129.8	2472.4	3048.3	1506.3	1194.6	1082.7
87.5°	1346.9	904.3	663.9	409.3	647.3	747.2	1480.1	176.1	135.6	140.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)