

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: P457194

Luminaire Tested: **GALN-SA8C-730-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P457194  
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-SA8C-730-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(8) 70 CRI, 3000K, 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: 44566 lumens  
Efficiency: N/A  
Efficacy: 103.9 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G5

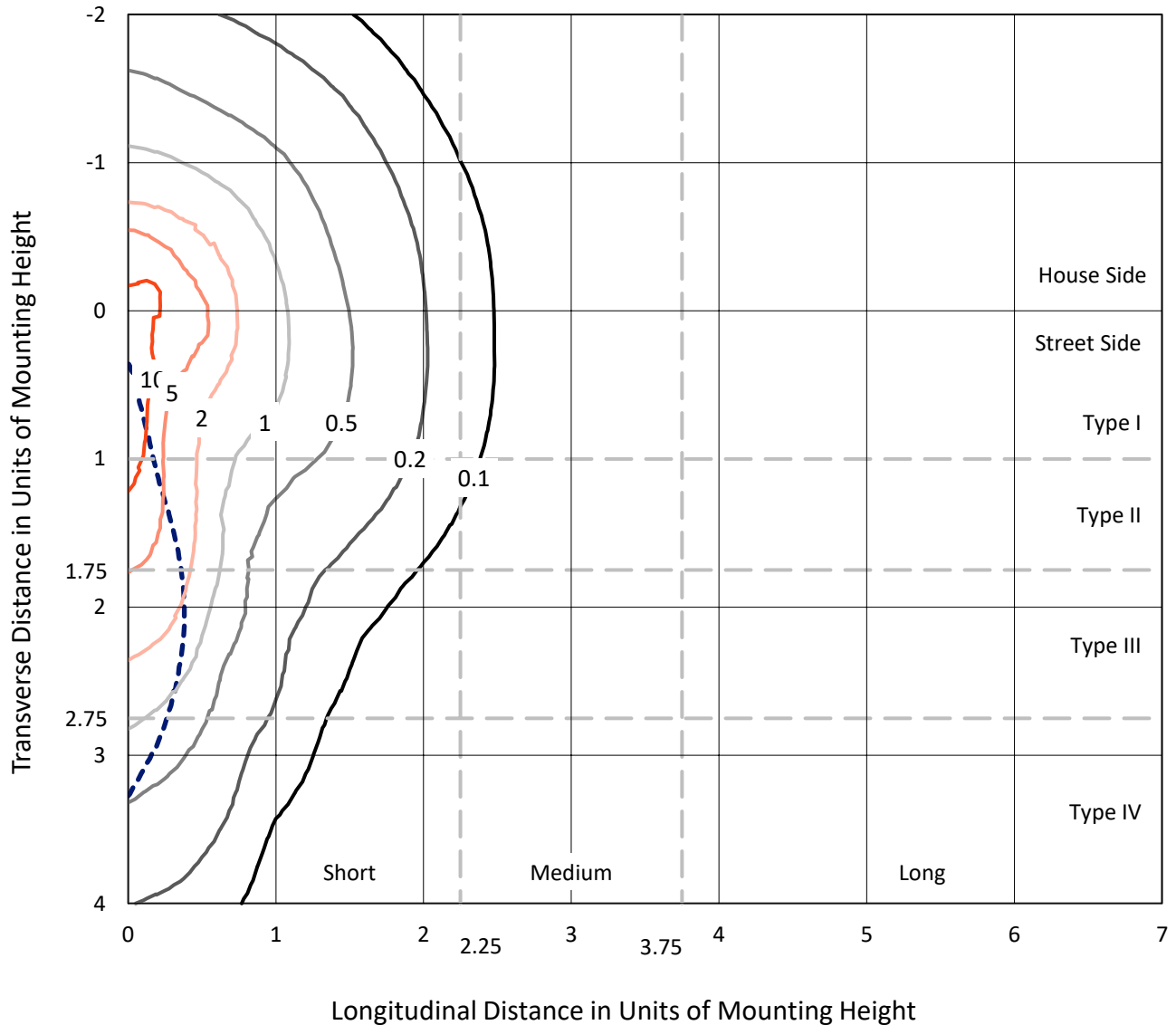
Input Watts (W): 429  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

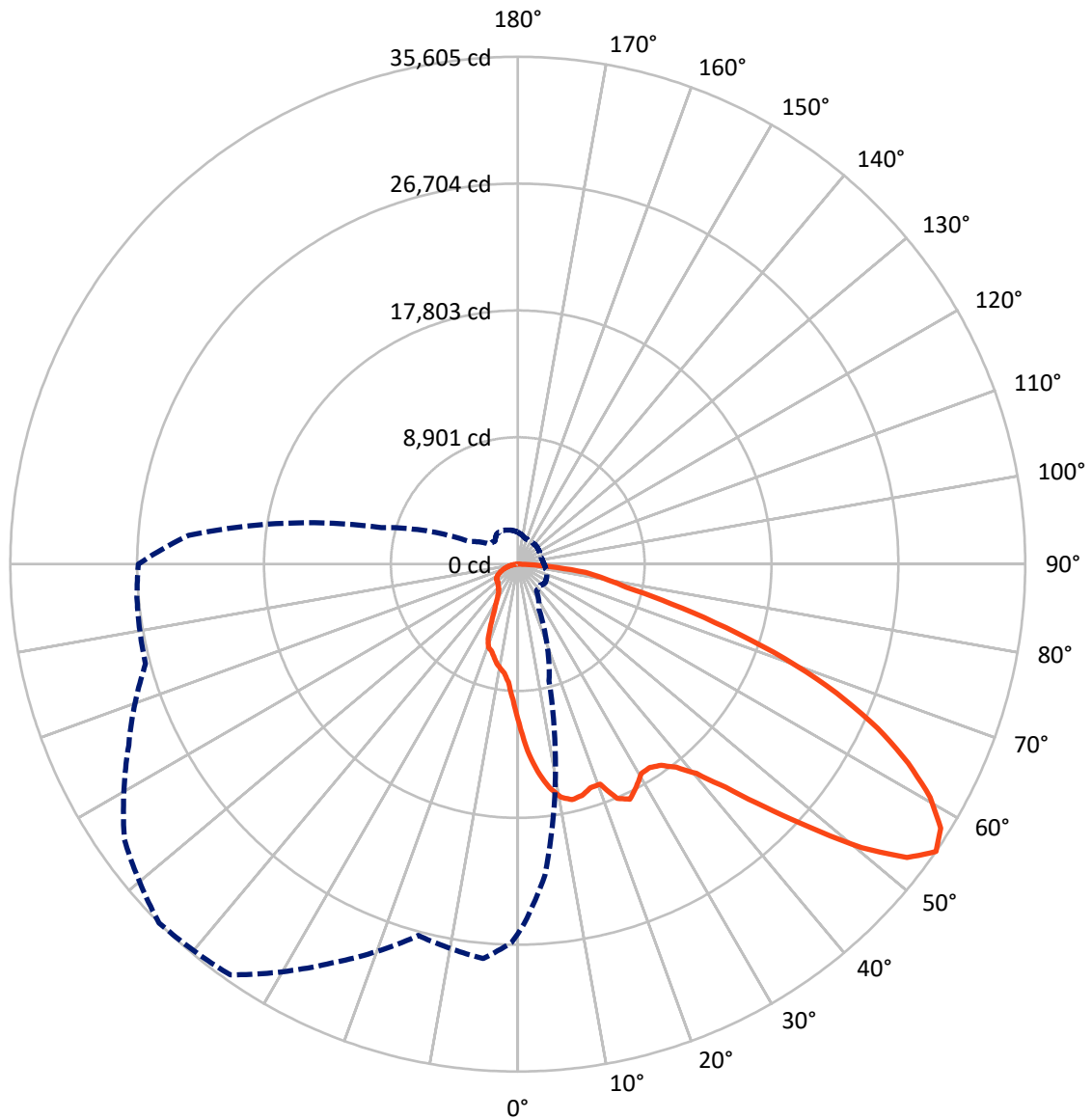
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 19.2 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	9748.6	0.0	9748.6
	% Fixture	21.9	0.0	21.9
<b>Street Side</b>	Lumens	34817.4	0.0	34817.4
	% Fixture	78.1	0.0	78.1
<b>Total</b>	Lumens	44566.0	0.0	44566.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	947.9	2.1
10°-20°	2514.8	5.6
20°-30°	4344.5	9.7
30°-40°	5048.9	11.3
40°-50°	7044.3	15.8
50°-60°	9558.3	21.4
60°-70°	9093.6	20.4
70°-80°	4912.6	11.0
80°-90°	1101.0	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°	44566.0	100.0
0°-180°	44566.0	100.0

**Coefficient of Utilization**



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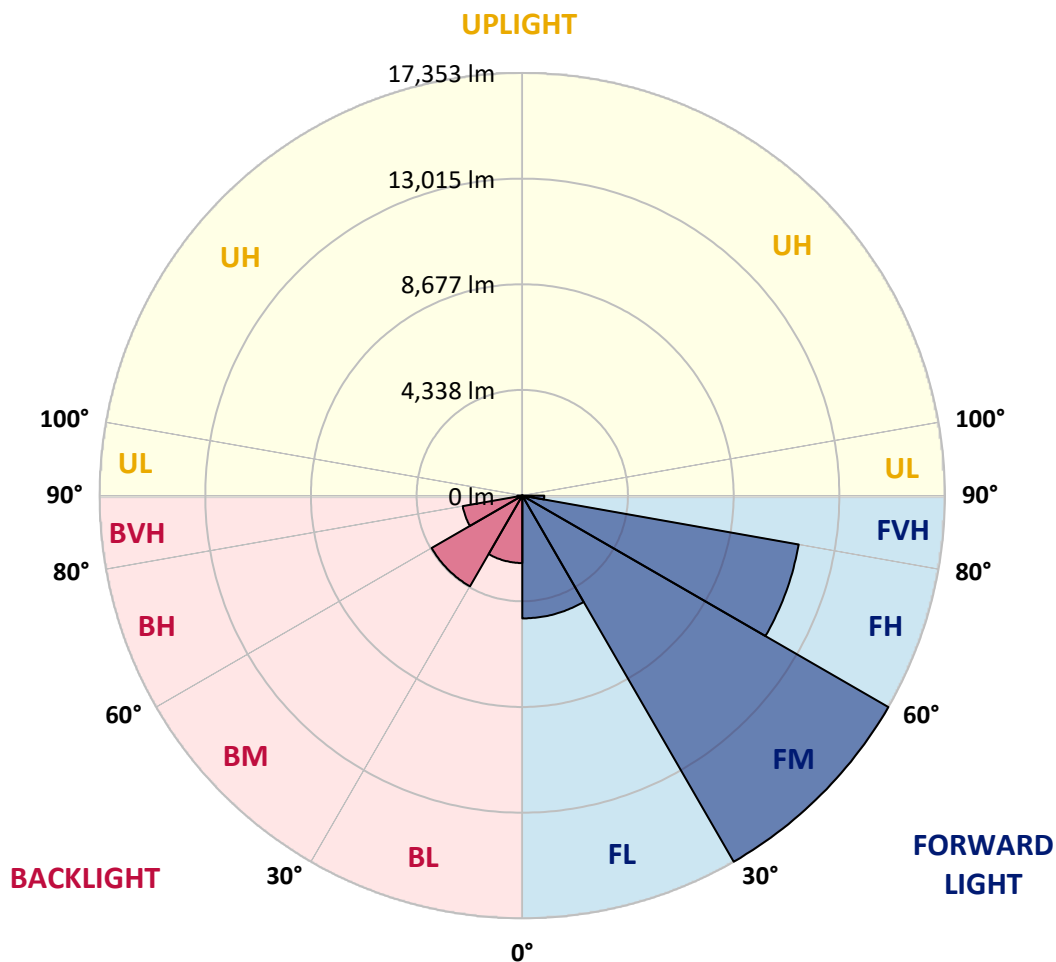
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5040.5	11.3			
FM	(30°-60°)	17353.1	38.9			
FH	(60°-80°)	11524.0	25.9			G4/12000
FVH	(80°-90°)	899.8	2.0			G5
BL	(0°-30°)	2766.7	6.2	B4/5000		
BM	(30°-60°)	4298.5	9.6	B3/5000		
BH	(60°-80°)	2482.2	5.6	B3/2500		G3/2500
BVH	(80°-90°)	201.2	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G5**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3
2.5°	12425.1	12378.0	12245.7	11898.8	11548.9	11193.1	10919.7	10578.7	10222.9	10031.8	9787.8
5°	12595.6	12542.7	12231.0	11448.9	10740.4	9996.5	9402.6	8882.2	8670.5	8358.8	8108.9
7.5°	12195.7	12172.2	11704.7	10581.6	9611.3	8638.2	7964.9	7547.4	7168.1	7027.0	7056.4
10°	11831.2	11737.1	11152.0	9684.8	8552.9	7762.0	7279.8	6871.1	6603.6	6533.0	6547.7
12.5°	11528.3	11401.9	10711.0	9082.1	8091.3	7459.2	6844.7	6418.3	6174.3	6241.9	6471.3
15°	11466.6	11296.1	10525.7	8876.3	7838.4	7024.0	6350.7	5859.7	5677.4	5824.4	6192.0
17.5°	11866.4	11651.8	10843.3	8943.9	7597.3	6580.1	5753.9	5192.3	5039.4	5274.6	5753.9
20°	13151.3	12833.7	11834.1	9335.0	7573.8	6359.5	5406.9	4842.4	4907.1	5354.0	5853.8
22.5°	15526.9	15050.6	13568.8	9905.4	7697.3	6303.7	5336.4	5042.4	5398.1	5777.4	6106.7
25°	15997.3	15623.9	13880.4	10034.7	7670.8	6265.5	5536.3	5683.3	6080.2	6268.4	6153.7
27.5°	16262.0	15835.6	13859.9	9393.8	6859.4	5683.3	5292.3	5536.3	5636.3	5454.0	5142.3
30°	16879.4	16435.4	14209.7	8720.5	5648.0	4216.2	3695.8	3595.8	3663.4	3698.7	3587.0
32.5°	17729.1	17291.0	14868.3	8279.5	4883.6	3487.0	2975.4	2834.3	2802.0	2763.7	2719.6
35°	18828.7	18155.4	15515.2	7997.2	4569.0	3225.3	2754.9	2646.1	2602.0	2549.1	2502.1
37.5°	19946.0	19240.3	16332.5	7700.2	4360.2	3043.1	2607.9	2557.9	2481.5	2425.6	2358.0
40°	21133.8	20342.9	17076.4	7441.5	4157.4	2925.4	2502.1	2496.2	2396.2	2331.5	2252.2
42.5°	22162.8	21348.4	17740.9	7282.7	4001.5	2802.0	2437.4	2455.0	2352.1	2255.1	2152.2
45°	22980.2	22180.5	18355.3	7282.7	3875.1	2678.5	2425.6	2413.9	2311.0	2190.4	2072.8
47.5°	23697.6	22871.4	18955.1	7468.0	3795.7	2575.6	2360.9	2381.5	2275.7	2122.8	2008.1
50°	24253.3	23524.1	19763.7	7756.1	3716.3	2493.2	2278.6	2390.3	2246.3	2087.5	1955.2
52.5°	24961.9	24309.1	20736.9	8150.1	3648.7	2402.1	2205.1	2390.3	2243.3	2090.4	1946.4
55°	25943.9	25255.9	21910.0	8476.4	3539.9	2316.8	2140.4	2322.7	2234.5	2075.7	1922.9
57.5°	26631.9	26117.3	22739.1	8694.0	3384.1	2208.1	2081.6	2258.0	2196.3	2019.9	1852.3
58°	26664.2	26161.4	22859.7	8744.0	3345.9	2187.5	2066.9	2228.6	2178.7	1996.4	1828.8
60°	26293.7	25861.5	22883.2	8673.4	3128.3	2084.6	1990.5	2108.1	2084.6	1858.2	1702.3
62.5°	24947.2	24485.6	21933.5	8100.1	2840.2	1958.1	1872.9	1946.4	1893.5	1664.1	1520.1
65°	23033.1	22183.4	19981.2	7200.4	2634.4	1822.9	1714.1	1720.0	1664.1	1499.5	1373.0
67.5°	20484.0	19534.3	16917.6	6068.5	2478.5	1672.9	1525.9	1511.2	1443.6	1337.8	1234.9
70°	17346.9	16697.1	13748.1	4936.5	2305.1	1508.3	1314.2	1305.4	1264.3	1184.9	1093.7
72.5°	14059.8	13233.6	11102.0	3951.6	2093.4	1349.5	1117.3	1134.9	1082.0	1026.1	943.8
75°	10375.8	9834.8	8582.3	3169.5	1808.2	1176.1	932.0	937.9	914.4	855.6	790.9
77.5°	6832.9	6671.2	6139.0	2081.6	1390.7	935.0	761.5	767.4	749.7	696.8	629.2
80°	4598.4	4489.6	4160.3	1340.7	929.1	676.2	588.0	593.9	591.0	535.1	444.0
82.5°	2834.3	2787.3	2681.4	905.6	643.9	485.1	388.1	405.7	438.1	376.3	302.8
85°	1337.8	1340.7	1620.0	493.9	379.3	311.7	211.7	226.4	226.4	226.4	170.5
87.5°	173.5	182.3	223.5	208.8	138.2	117.6	76.4	64.7	55.9	73.5	52.9
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°	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3
2.5°	9702.5	9643.7	9517.3	9487.9	9470.2	9520.2	9387.9	9423.2	9364.4	9529.0	9502.6
5°	8123.6	8129.5	8232.4	8300.0	8323.6	8300.0	8211.8	8058.9	7941.3	7894.3	7906.1
7.5°	7000.5	7103.4	7279.8	7476.8	7656.1	7709.1	7659.1	7368.0	7050.5	6850.5	6785.9
10°	6627.1	6765.3	6968.2	7124.0	7282.7	7409.2	7435.6	7209.2	6832.9	6359.5	6174.3
12.5°	6647.7	6835.8	7029.9	7079.9	7065.2	7115.2	7091.6	7053.4	6806.4	6203.7	5895.0
15°	6453.6	6677.1	6812.3	6785.9	6738.8	6694.7	6633.0	6536.0	6447.7	6024.4	5683.3
17.5°	6006.7	6236.1	6347.8	6356.6	6356.6	6344.8	6194.9	6159.6	6147.9	5942.0	5733.3
20°	6089.0	6215.5	6165.5	6083.2	6106.7	6186.1	6097.9	6080.2	6147.9	6239.0	6200.8
22.5°	6136.1	6092.0	5715.6	5351.1	5268.7	5515.7	5565.7	5762.7	6036.1	6365.4	6580.1
25°	5845.0	5489.3	4816.0	4404.3	4172.1	4401.4	4701.3	5065.9	5474.6	5897.9	6147.9
27.5°	4886.5	4616.0	4133.8	3763.4	3560.5	3595.8	3851.6	4183.8	4563.1	4848.3	5030.6
30°	3681.1	3560.5	3310.6	3184.2	3060.7	3031.3	3140.1	3266.5	3434.1	3469.4	3516.4
32.5°	2710.8	2693.2	2707.9	2666.7	2643.2	2640.3	2607.9	2637.3	2655.0	2675.5	2634.4
35°	2452.1	2428.6	2387.4	2375.6	2360.9	2366.8	2352.1	2337.4	2349.2	2366.8	2378.6
37.5°	2319.8	2284.5	2225.7	2205.1	2205.1	2213.9	2190.4	2184.5	2205.1	2261.0	2290.4
40°	2216.9	2175.7	2108.1	2081.6	2099.3	2122.8	2090.4	2078.7	2128.7	2187.5	2234.5
42.5°	2119.8	2087.5	2022.8	1993.4	2008.1	2052.2	2005.2	1996.4	2061.0	2125.7	2181.6
45°	2037.5	2005.2	1946.4	1931.7	1937.6	1978.7	1946.4	1946.4	2008.1	2078.7	2128.7
47.5°	1972.8	1931.7	1893.5	1881.7	1887.6	1911.1	1905.2	1905.2	1964.0	2037.5	2087.5
50°	1908.2	1872.9	1822.9	1828.8	1843.5	1875.8	1872.9	1881.7	1940.5	2031.6	2084.6
52.5°	1878.8	1825.8	1770.0	1775.8	1820.0	1858.2	1846.4	1855.2	1922.9	2093.4	2169.8
55°	1846.4	1775.8	1711.2	1720.0	1770.0	1825.8	1811.1	1822.9	1902.3	2134.5	2240.4
57.5°	1784.7	1702.3	1631.8	1637.7	1711.2	1770.0	1746.4	1761.1	1855.2	2090.4	2202.2
58°	1758.2	1687.6	1620.0	1623.0	1693.5	1758.2	1731.7	1743.5	1840.5	2078.7	2184.5
60°	1646.5	1605.3	1546.5	1549.5	1617.1	1672.9	1658.2	1670.0	1764.1	1993.4	2072.8
62.5°	1493.6	1470.1	1455.4	1455.4	1496.5	1549.5	1564.2	1578.9	1664.1	1802.3	1872.9
65°	1328.9	1328.9	1331.9	1331.9	1358.3	1426.0	1434.8	1473.0	1552.4	1620.0	1672.9
67.5°	1217.2	1211.3	1217.2	1202.5	1214.3	1255.4	1299.5	1334.8	1417.2	1464.2	1481.8
70°	1073.2	1070.2	1073.2	1052.6	1067.3	1102.6	1132.0	1190.8	1276.0	1311.3	1320.1
72.5°	932.0	932.0	937.9	923.2	923.2	961.4	982.0	1046.7	1126.1	1146.7	1149.6
75°	785.0	793.8	793.8	773.3	779.1	802.7	829.1	882.0	955.5	970.2	970.2
77.5°	623.3	655.7	655.7	635.1	643.9	646.8	682.1	708.6	764.4	770.3	746.8
80°	452.8	485.1	511.6	493.9	508.6	491.0	511.6	529.2	585.1	558.6	520.4
82.5°	323.4	346.9	367.5	370.5	355.8	323.4	349.9	352.8	379.3	344.0	323.4
85°	179.3	199.9	226.4	214.6	191.1	170.5	179.3	185.2	182.3	173.5	161.7
87.5°	47.0	50.0	55.9	41.2	38.2	32.3	44.1	44.1	50.0	52.9	50.0
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°	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3
2.5°	9523.1	9652.5	9931.8	10143.5	10402.2	10716.8	11087.3	11460.7	11863.5	11989.9	12166.3
5°	7879.6	8203.0	8338.3	8723.4	9105.6	9679.0	10290.5	10999.1	11775.3	12148.7	12507.4
7.5°	6732.9	6906.4	7047.5	7329.8	7788.5	8485.3	9252.6	10137.6	11237.2	11781.2	12307.5
10°	6115.5	6133.1	6306.6	6656.5	7056.4	7670.8	8397.1	9387.9	10613.9	11275.5	11892.9
12.5°	5706.8	5630.4	5818.6	6183.1	6635.9	7203.4	7870.8	8814.6	10164.1	10843.3	11590.1
15°	5348.1	5227.6	5368.7	5742.1	6189.0	6856.4	7573.8	8573.5	9987.7	10778.6	11607.7
17.5°	5357.0	5024.7	5074.7	5389.3	5833.3	6512.4	7382.7	8564.7	10255.2	11166.7	12148.7
20°	6018.5	5486.3	5259.9	5318.7	5748.0	6488.9	7470.9	8976.3	11134.3	12463.3	13512.9
22.5°	6668.3	6347.8	5983.2	5862.7	6097.9	6874.1	8032.5	9949.5	13045.4	15047.7	16944.1
25°	6441.9	6715.3	6624.2	6453.6	6506.5	7150.4	8414.7	10749.2	14530.2	16785.3	18567.0
27.5°	5154.1	5651.0	5750.9	5748.0	5768.6	6297.8	7567.9	10211.1	14715.4	17117.5	18819.9
30°	3622.3	3666.4	3719.3	3822.2	3916.3	4389.6	5921.5	8964.5	14633.1	17267.5	18972.8
32.5°	2613.8	2672.6	2746.1	2887.2	3110.7	3713.4	5180.5	8567.6	15068.3	17887.9	19419.7
35°	2390.3	2458.0	2528.5	2690.2	2901.9	3460.6	4886.5	8402.9	15782.7	18893.4	20222.3
37.5°	2319.8	2396.2	2458.0	2575.6	2746.1	3278.3	4619.0	8291.2	16514.8	19957.7	21298.4
40°	2269.8	2358.0	2408.0	2502.1	2619.7	3110.7	4380.8	8203.0	17223.4	20930.9	22162.8
42.5°	2225.7	2316.8	2381.5	2449.1	2546.2	2960.7	4169.1	8114.8	17837.9	21874.7	23024.3
45°	2172.8	2287.4	2369.8	2422.7	2507.9	2834.3	4007.4	8044.2	18537.6	22712.6	23894.6
47.5°	2128.7	2255.1	2358.0	2419.7	2452.1	2746.1	3878.1	8141.3	19378.5	23588.8	24703.1
50°	2131.6	2252.2	2381.5	2478.5	2393.3	2672.6	3798.7	8526.4	20472.3	24629.6	25341.1
52.5°	2225.7	2372.7	2475.6	2499.1	2311.0	2584.4	3757.5	9199.7	21765.9	25549.9	25985.0
55°	2331.5	2484.4	2596.2	2581.5	2266.9	2472.7	3748.7	9917.1	23183.1	26623.0	26823.0
57.5°	2293.3	2516.8	2687.3	2610.9	2269.8	2363.9	3710.5	10496.3	24368.0	27425.7	27652.1
58°	2281.6	2505.0	2699.1	2605.0	2261.0	2331.5	3701.6	10546.3	24532.6	27481.6	27769.7
60°	2166.9	2402.1	2690.2	2560.9	2211.0	2243.3	3604.6	10708.0	24488.5	27193.4	27840.3
62.5°	1958.1	2152.2	2487.4	2346.2	2058.1	2125.7	3387.1	10508.1	23294.8	25805.7	26808.3
65°	1722.9	1867.0	2090.4	2064.0	1840.5	2005.2	3090.1	9717.2	20904.5	23553.5	24609.0
67.5°	1546.5	1664.1	1805.3	1767.0	1655.3	1843.5	2769.6	8379.4	18223.0	20848.6	22177.5
70°	1367.2	1458.3	1528.9	1502.4	1467.1	1684.7	2484.4	6800.6	15653.4	18278.9	19566.7
72.5°	1184.9	1270.1	1328.9	1290.7	1270.1	1517.1	2252.2	5277.6	12363.3	15080.0	16735.3
75°	990.8	1076.1	1117.3	1073.2	1061.4	1337.8	1908.2	3942.7	9276.2	11625.3	13054.3
77.5°	767.4	858.5	911.4	896.7	902.6	1099.6	1540.6	2699.1	6633.0	7923.7	9429.1
80°	538.0	638.0	673.3	658.6	699.8	837.9	1087.9	1714.1	4574.9	5142.3	6203.7
82.5°	332.2	426.3	432.2	446.9	476.3	620.4	820.3	1043.8	2872.5	2969.6	3739.9
85°	167.6	202.9	217.6	241.1	267.6	379.3	467.5	646.8	1849.4	1399.5	2090.4
87.5°	55.9	58.8	70.6	88.2	108.8	155.8	199.9	264.6	458.7	252.9	646.8
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):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3	11184.3
2.5°	12522.1	12772.0	12954.3	13121.9	12960.2	12945.5	12786.7	12530.9	12425.1	12425.1
5°	13260.1	13845.2	14318.5	14621.4	14492.0	14180.3	13665.8	13010.2	12657.3	12595.6
7.5°	13462.9	14618.4	15497.5	15809.2	15591.6	14903.6	13918.7	12813.2	12307.5	12195.7
10°	13339.5	14841.9	16132.6	16626.5	16323.7	15282.9	13939.2	12583.8	11960.5	11831.2
12.5°	13210.1	14871.3	16250.2	16964.7	16767.7	15588.7	14089.2	12433.9	11713.6	11528.3
15°	13304.2	14883.0	16106.1	16844.1	16970.5	15956.2	14336.2	12542.7	11663.6	11466.6
17.5°	13898.1	15106.5	15900.3	16497.2	16941.1	16456.0	15038.9	13063.1	12110.5	11866.4
20°	15138.8	15641.6	16017.9	16479.5	17194.0	17476.2	16476.6	14492.0	13365.9	13151.3
22.5°	18731.7	18640.5	17870.2	17861.4	18896.3	20028.3	19960.7	17396.9	15703.3	15526.9
25°	20078.3	19654.9	18540.6	18270.1	18725.8	20472.3	20219.4	17990.8	16426.6	15997.3
27.5°	19552.0	18502.4	17770.3	17708.5	17558.6	19208.0	19816.6	18231.9	16679.5	16262.0
30°	19519.6	17976.1	16929.4	17052.9	17196.9	18772.8	20040.1	18987.5	17326.3	16879.4
32.5°	19599.0	18049.6	16991.1	17014.6	17443.9	18837.5	20287.0	19810.7	18176.0	17729.1
35°	19919.5	18467.1	17385.1	17329.2	17999.6	19260.9	20707.5	21104.4	19337.4	18828.7
37.5°	20437.0	19299.1	18105.4	18090.7	19063.9	20025.4	21230.8	22409.8	20492.8	19946.0
40°	21198.5	20272.3	19387.3	19308.0	20510.5	21269.0	21910.0	23800.5	21836.5	21133.8
42.5°	22118.7	21439.6	21077.9	21392.5	22548.0	22665.6	22968.4	25085.3	22980.2	22162.8
45°	22971.4	22939.0	23441.8	24276.8	24950.1	24244.5	24073.9	25946.8	23868.1	22980.2
47.5°	23985.7	24861.9	26379.0	27602.1	28307.8	26082.1	25017.7	26508.4	24515.0	23697.6
50°	25014.8	27164.0	29586.7	31292.0	31441.9	28078.4	25667.5	27037.6	25103.0	24253.3
52.5°	26096.8	29001.6	32227.0	34208.6	33917.6	29816.0	26296.7	27396.3	25708.7	24961.9
55°	27037.6	30127.7	33702.9	35605.2	35178.9	30874.5	26975.9	27784.4	26573.1	25943.9
57.5°	27563.9	30221.8	33335.4	34996.6	34535.0	30668.7	27287.5	28072.5	27125.8	26631.9
58°	27640.3	30095.4	33009.0	34643.8	34173.3	30495.2	27284.6	28060.8	27161.1	26664.2
60°	27572.7	29275.1	31794.8	33250.1	32756.2	29407.4	27172.9	27840.3	26714.2	26293.7
62.5°	26946.5	27852.0	29698.4	30756.9	30615.8	27708.0	26714.2	27008.2	25352.9	24947.2
65°	26123.2	25911.5	27014.1	27763.8	27869.7	26434.9	26258.5	25208.8	23606.5	23033.1
67.5°	25123.6	23712.3	23709.4	24135.7	24312.1	24476.7	25308.8	23253.6	21089.7	20484.0
70°	23427.1	20322.3	19387.3	19890.1	19743.1	21133.8	23612.3	20507.5	18055.5	17346.9
72.5°	20316.4	16126.7	14630.2	15277.0	14906.6	16573.6	20660.4	16876.5	14930.1	14059.8
75°	16467.8	12063.4	10519.9	11113.8	10884.4	12572.1	17191.0	12257.5	10708.0	10375.8
77.5°	12786.7	8741.1	7844.3	7762.0	7932.5	9355.6	12610.3	8276.5	7059.3	6832.9
80°	8214.8	6256.6	6309.6	6203.7	6291.9	5897.9	7656.1	5280.5	4780.7	4598.4
82.5°	5406.9	4360.2	5198.2	4798.3	4557.2	3966.3	5021.8	3457.6	2934.3	2834.3
85°	3684.0	3210.6	2922.5	2234.5	2631.4	3054.8	3766.3	1861.1	1476.0	1337.8
87.5°	1664.1	1117.3	820.3	505.7	799.7	923.2	1828.8	217.6	167.6	173.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)