

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P637826

Luminaire Tested: GWS-SA4D-750-U-SLR-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P637826  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-41)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 1/10/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: McGRAW-EDISON  
Catalog Number: GWS-SA4D-750-U-SLR-W  
Description: GALLEON WALL SLIM LUMINAIRE. (4) LIGHTSQUARES WITH 16 LEDS EACH AND  
SPILL LIGHT ELIMINATOR RIGHT OPTICS  
Light Source: (64) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

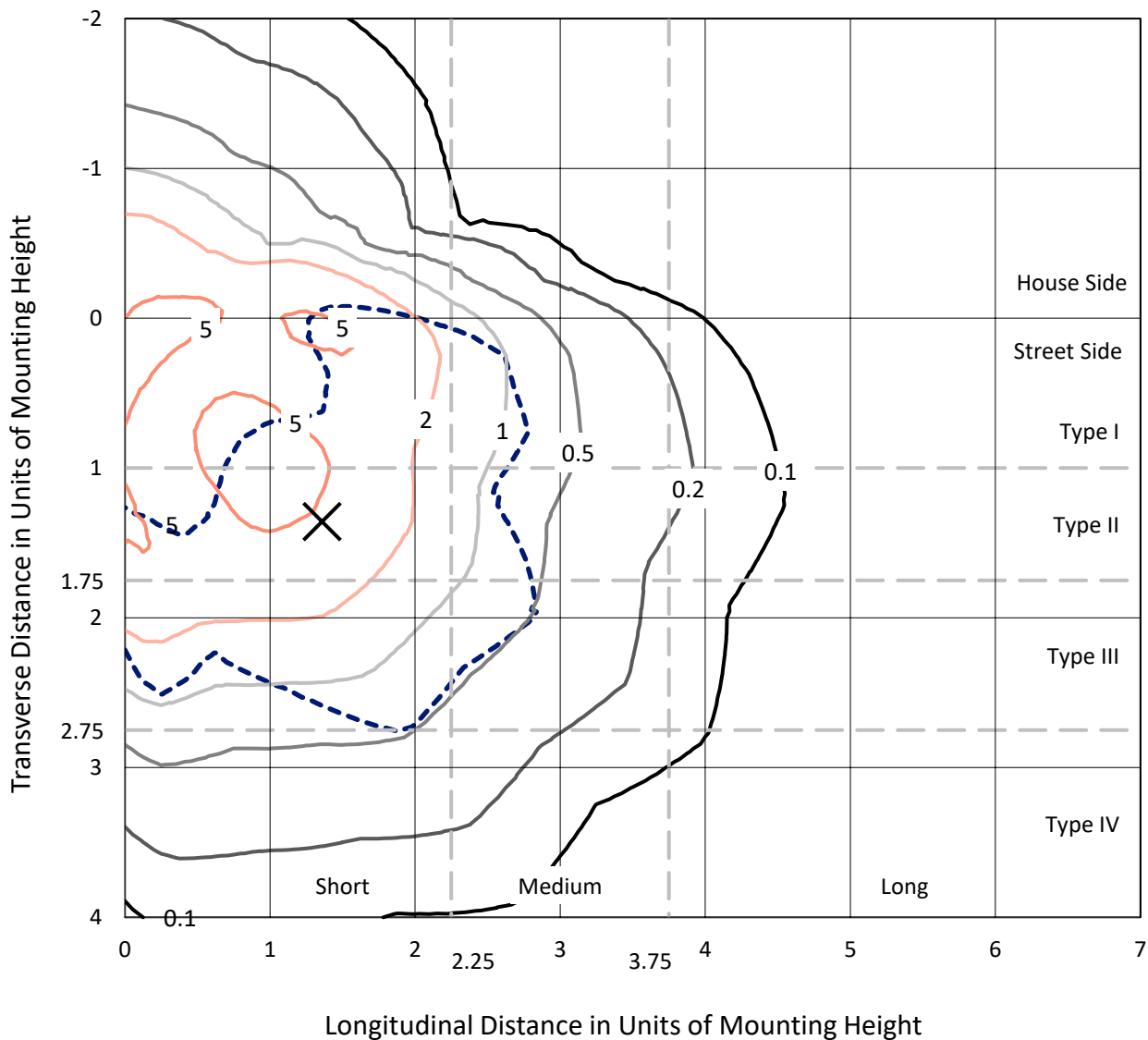
Lumens per Lamp: N/A  
Luminaire Lumens: 23718.6 lumens  
Efficiency: N/A  
Efficacy: 146.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 162.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 0  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

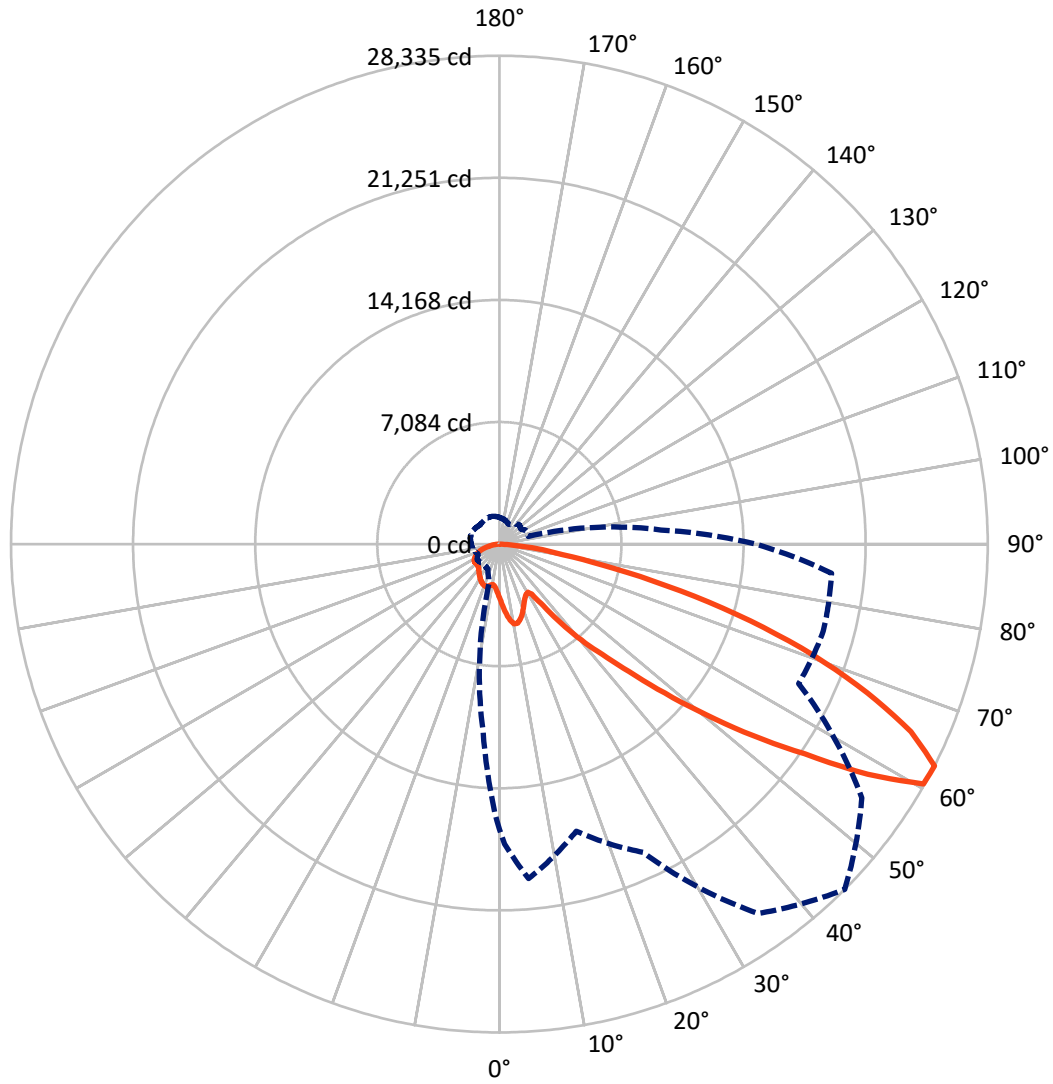
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.2 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 62.5-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5659.7	0.0	5659.7
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	18058.9	0.0	18058.9
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	23718.6	0.0	23718.6
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	307.4	1.3
10°-20°	963.8	4.1
20°-30°	1496.9	6.3
30°-40°	2032.5	8.6
40°-50°	3221.3	13.6
50°-60°	5682.3	24.0
60°-70°	6322.4	26.7
70°-80°	3206.5	13.5
80°-90°	485.5	2.0
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°	23718.6	100.0
0°-180°	23718.6	100.0

**Coefficient of Utilization**



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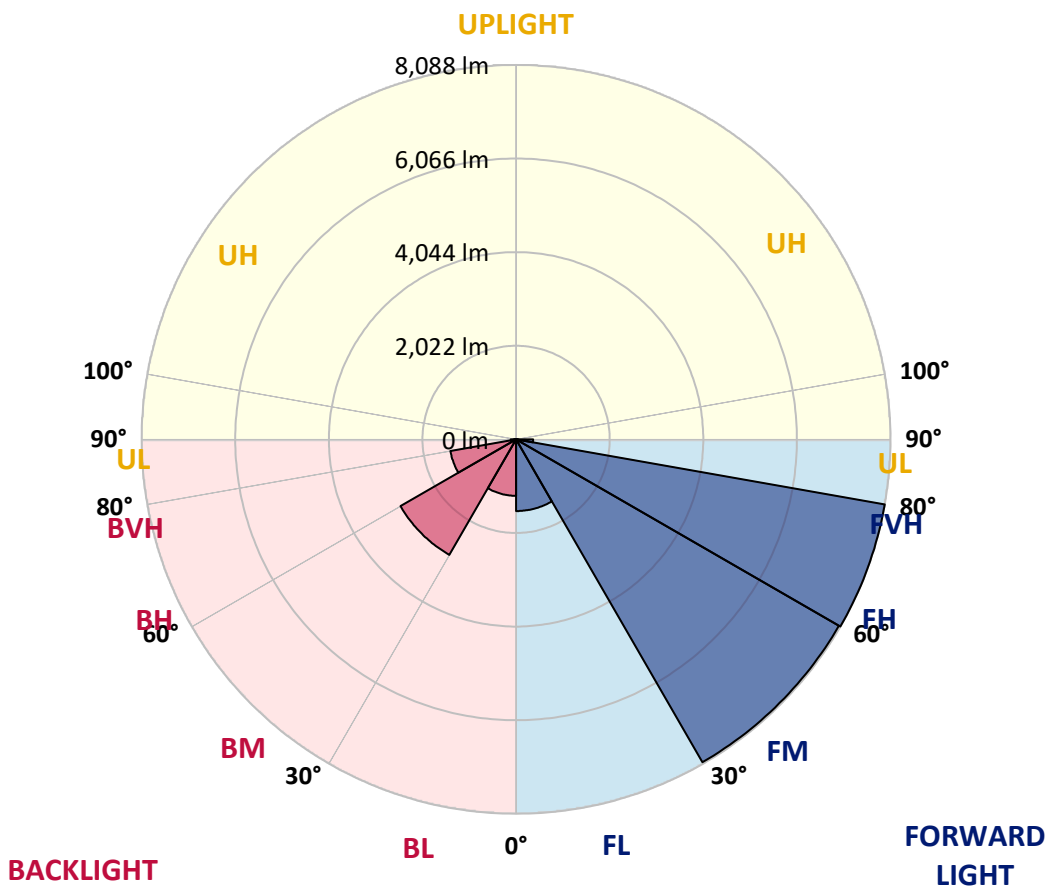
CATALOG NUMBER: GWS-SA4D-750-U-SLR-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1548.6	6.5			
FM (30°-60°)	8053.5	34.0			
FH (60°-80°)	8088.3	34.1			G4/12000
FVH (80°-90°)	368.5	1.6			G3/500
BL (0°-30°)	1219.5	5.1	B3/2500		
BM (30°-60°)	2882.5	12.2	B3/5000		
BH (60°-80°)	1440.7	6.1	B3/2500		G3/2500
BVH (80°-90°)	117.0	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 III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9
2.5°	3383.2	3381.4	3415.5	3467.6	3516.1	3537.6	3573.5	3569.9	3541.2	3503.5	3490.9
5°	3649.0	3656.1	3715.4	3830.3	3957.8	4011.7	4035.0	4026.1	3974.0	3907.5	3790.8
7.5°	3889.6	3902.2	3993.7	4166.1	4324.2	4396.0	4453.4	4442.7	4367.3	4243.3	4071.0
10°	4065.6	4079.9	4189.5	4392.4	4568.4	4631.2	4704.9	4708.4	4642.0	4475.0	4299.0
12.5°	4241.6	4255.9	4358.3	4543.2	4658.2	4660.0	4703.1	4726.4	4730.0	4652.8	4476.8
15°	4424.7	4437.3	4530.7	4634.8	4629.4	4528.9	4528.9	4573.8	4672.5	4728.2	4606.1
17.5°	4580.9	4597.1	4668.9	4634.8	4475.0	4293.6	4272.1	4329.5	4501.9	4715.6	4703.1
20°	4710.2	4722.8	4762.3	4536.1	4245.1	4008.1	3966.8	4033.2	4266.7	4638.4	4776.7
22.5°	4834.1	4841.3	4819.8	4406.8	3997.3	3726.2	3675.9	3745.9	3997.3	4501.9	4839.5
25°	4981.4	4974.2	4871.9	4272.1	3771.1	3503.5	3451.4	3530.4	3792.6	4320.6	4907.8
27.5°	5152.0	5125.1	4916.8	4126.6	3596.9	3338.3	3302.4	3386.8	3631.0	4153.6	4961.6
30°	5297.5	5245.4	4923.9	3997.3	3507.1	3268.3	3246.7	3325.7	3552.0	4040.4	5029.9
32.5°	5459.1	5387.2	4965.2	3963.2	3557.4	3437.1	3465.8	3471.2	3573.5	4008.1	5132.2
35°	5690.7	5597.3	5078.4	4062.0	4074.5	4277.5	4381.6	4241.6	3898.6	4079.9	5326.2
37.5°	6040.9	5922.4	5308.2	4489.4	5143.0	5597.3	5848.7	5529.1	4886.2	4351.1	5618.9
40°	6466.5	6315.6	5602.7	5279.5	6141.5	6868.7	7315.9	6847.2	5902.6	5028.1	6030.1
42.5°	7060.9	6902.8	6173.8	6055.3	7066.3	8149.1	8732.7	8034.2	6798.7	5902.6	6689.2
45°	8097.0	7944.4	7220.7	6832.8	8149.1	9725.8	10544.6	9573.1	7709.1	6780.7	7921.0
47.5°	10011.3	9831.7	8775.8	7694.8	9384.6	11772.9	12918.6	11503.5	8655.5	7786.4	9989.7
50°	12309.8	12137.4	10727.8	8714.8	10749.3	13961.9	15554.8	13771.6	9745.5	9009.3	12462.5
52.5°	15075.3	15043.0	13513.0	10004.1	12169.8	16296.4	18480.0	16283.8	10939.7	10656.0	15263.8
55°	17567.8	17883.8	17050.6	11970.4	14005.0	19228.8	21487.9	19024.1	12559.4	13378.3	18544.7
57.5°	18911.0	19760.4	21040.8	15982.1	16673.5	22734.1	25199.7	22369.6	15342.9	17910.8	21586.7
60°	18023.9	18986.4	21306.5	19002.6	19320.4	25542.7	28263.2	25181.7	18076.0	21056.9	21414.3
62.5°	16547.8	17411.6	19474.9	17239.2	19729.9	26160.4	28335.1	25672.0	19162.4	19460.5	19343.8
65°	14796.9	15667.9	17853.3	15048.4	18427.9	24693.3	26244.8	24230.0	17210.4	17582.1	17625.2
67.5°	12471.5	13275.9	15500.9	13380.1	16797.4	22540.2	23035.8	22175.7	15849.3	16441.8	15822.3
70°	9318.1	10043.6	12008.2	10873.2	14159.5	19735.2	19334.8	19462.3	14321.1	14910.1	13216.7
72.5°	6367.7	6913.6	8598.0	8544.2	10842.7	15799.0	15240.5	16449.0	11961.5	12742.6	10075.9
75°	4453.4	4879.0	6215.1	6750.2	8195.8	11710.1	10853.5	12311.6	9341.5	10456.6	7351.8
77.5°	2733.1	3015.1	3925.5	5001.2	5272.3	8014.4	6741.2	9264.3	6559.9	7626.5	4904.2
80°	1366.6	1503.0	1907.1	3144.4	3496.3	4722.8	3722.6	5378.3	4439.1	4722.8	2713.4
82.5°	413.0	456.1	558.5	1194.2	1811.9	2718.8	2199.8	3124.6	2424.3	2214.2	1068.5
85°	109.5	123.9	154.4	353.8	635.7	975.1	743.4	1513.8	1161.8	817.1	402.2
87.5°	9.0	9.0	7.2	7.2	3.6	0.0	0.0	107.7	217.3	123.9	70.0
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9
2.5°	3428.1	3420.9	3347.3	3293.4	3230.5	3169.5	3106.6	3051.0	2988.1	2925.3	2907.3
5°	3704.6	3654.3	3498.1	3367.0	3237.7	3124.6	3025.8	2923.5	2840.9	2760.1	2729.5
7.5°	3948.8	3860.9	3634.6	3435.3	3255.7	3115.6	2970.2	2821.1	2704.4	2589.5	2560.7
10°	4169.7	4053.0	3767.5	3516.1	3316.7	3156.9	2986.3	2787.0	2618.2	2478.1	2440.4
12.5°	4333.1	4205.6	3882.4	3593.3	3367.0	3187.4	3018.6	2842.7	2664.9	2483.5	2442.2
15°	4462.4	4329.5	3977.6	3652.5	3368.8	3137.2	2973.8	2912.7	2857.0	2679.3	2603.8
17.5°	4566.6	4426.5	4060.2	3688.5	3320.3	2984.5	2842.7	2932.5	3074.3	2963.0	2821.1
20°	4661.8	4519.9	4123.0	3713.6	3212.6	2774.4	2695.4	2885.8	3099.5	3095.9	2968.4
22.5°	4765.9	4627.6	4214.6	3728.0	3061.7	2560.7	2607.4	2817.5	2991.7	3043.8	2964.8
25°	4898.8	4776.7	4342.1	3760.3	2891.2	2413.5	2542.8	2729.5	2875.0	2887.6	2840.9
27.5°	5053.2	4961.6	4532.5	3835.7	2725.9	2338.1	2467.4	2605.6	2738.5	2743.9	2688.2
30°	5222.0	5161.0	4708.4	3898.6	2602.0	2314.7	2370.4	2481.7	2566.1	2580.5	2532.0
32.5°	5437.5	5383.6	4864.7	3857.3	2528.4	2309.3	2280.6	2338.1	2408.1	2408.1	2370.4
35°	5733.8	5658.4	5029.9	3699.2	2438.6	2287.8	2185.4	2201.6	2232.1	2237.5	2216.0
37.5°	6154.0	6030.1	5196.9	3386.8	2291.4	2210.6	2075.9	2056.1	2066.9	2081.3	2075.9
40°	6674.8	6471.9	5441.1	3011.5	2115.4	2061.5	1962.8	1925.0	1916.1	1944.8	1955.6
42.5°	7330.2	7019.6	5703.3	2661.3	1955.6	1890.9	1829.9	1797.5	1783.2	1831.7	1860.4
45°	8377.2	7865.4	5954.7	2314.7	1865.8	1745.5	1704.2	1680.8	1688.0	1745.5	1781.4
47.5°	10185.5	9156.5	6193.5	2095.6	1858.6	1641.3	1591.0	1596.4	1616.2	1677.2	1720.3
50°	12473.3	10885.8	6353.3	2004.1	1880.1	1578.5	1512.0	1540.7	1571.3	1630.5	1680.8
52.5°	14802.3	12496.6	6163.0	1953.8	1878.4	1580.3	1438.4	1524.6	1539.0	1598.2	1652.1
55°	16404.1	12676.2	5324.4	1876.6	1849.6	1652.1	1380.9	1517.4	1526.4	1580.3	1628.7
57.5°	17014.7	12062.0	4060.2	1898.1	1763.4	1707.8	1355.8	1467.1	1531.8	1578.5	1628.7
60°	16276.6	10903.8	2467.4	1953.8	1625.2	1704.2	1371.9	1375.5	1486.9	1565.9	1616.2
62.5°	14884.9	9416.9	1732.9	1795.7	1524.6	1609.0	1409.7	1267.8	1407.9	1503.0	1547.9
65°	13290.3	7667.8	1321.7	1546.1	1476.1	1461.7	1422.2	1172.6	1300.1	1393.5	1433.0
67.5°	11629.3	5960.1	1073.9	1152.9	1334.2	1321.7	1300.1	1088.2	1172.6	1239.1	1284.0
70°	9537.2	4169.7	906.9	865.5	1143.9	1185.2	1136.7	982.3	1009.2	1077.4	1113.4
72.5°	6976.5	2598.4	745.2	714.7	919.4	1036.1	1011.0	865.5	878.1	942.8	971.5
75°	5017.3	1486.9	598.0	589.0	702.1	887.1	836.8	745.2	759.6	808.1	827.8
77.5°	3189.2	827.8	461.5	474.1	502.8	662.6	714.7	637.5	637.5	666.2	682.4
80°	1707.8	474.1	337.6	343.0	352.0	506.4	563.9	493.8	493.8	474.1	493.8
82.5°	696.7	273.0	231.7	215.5	235.2	346.6	395.1	314.3	328.6	296.3	303.5
85°	229.9	136.5	114.9	113.1	111.3	152.6	190.3	156.2	186.8	118.5	123.9
87.5°	30.5	25.1	14.4	10.8	12.6	5.4	10.8	12.6	12.6	9.0	9.0
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°	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9
2.5°	2894.7	2880.4	2828.3	2840.9	2831.9	2817.5	2831.9	2805.0	2826.5	2833.7	2878.6
5°	2706.2	2672.1	2621.8	2596.6	2591.3	2576.9	2578.7	2566.1	2569.7	2600.2	2650.5
7.5°	2537.4	2505.1	2465.6	2447.6	2431.4	2415.3	2413.5	2411.7	2426.1	2453.0	2501.5
10°	2415.3	2397.3	2381.2	2388.3	2381.2	2374.0	2361.4	2361.4	2384.8	2433.2	2492.5
12.5°	2415.3	2411.7	2415.3	2436.8	2435.0	2436.8	2420.7	2429.6	2494.3	2576.9	2661.3
15°	2544.6	2515.8	2515.8	2526.6	2523.0	2523.0	2523.0	2560.7	2708.0	2835.5	2925.3
17.5°	2702.6	2618.2	2582.3	2576.9	2575.1	2575.1	2582.3	2663.1	2892.9	3027.6	3079.7
20°	2812.1	2652.3	2593.1	2569.7	2571.5	2575.1	2596.6	2708.0	2961.2	3029.4	3016.9
22.5°	2831.9	2625.4	2553.6	2519.4	2524.8	2528.4	2560.7	2679.3	2867.8	2878.6	2853.4
25°	2740.3	2550.0	2472.7	2445.8	2453.0	2451.2	2479.9	2566.1	2700.8	2697.2	2682.8
27.5°	2603.8	2429.6	2372.2	2354.2	2366.8	2352.4	2361.4	2427.8	2532.0	2528.4	2523.0
30°	2463.8	2312.9	2260.8	2251.9	2268.0	2246.5	2248.3	2303.9	2375.8	2372.2	2370.4
32.5°	2323.7	2196.2	2149.5	2149.5	2165.7	2142.3	2145.9	2194.4	2242.9	2228.5	2228.5
35°	2190.8	2101.0	2063.3	2056.1	2068.7	2052.5	2059.7	2104.6	2122.6	2102.8	2090.2
37.5°	2074.1	2034.6	1996.9	1971.7	1973.5	1975.3	1996.9	2031.0	2020.2	1991.5	1975.3
40°	1966.3	1966.3	1930.4	1883.7	1878.4	1890.9	1926.8	1964.5	1934.0	1901.7	1881.9
42.5°	1889.1	1905.3	1871.2	1824.5	1813.7	1835.3	1874.8	1901.7	1865.8	1829.9	1802.9
45°	1817.3	1856.8	1833.5	1781.4	1767.0	1792.2	1842.4	1853.2	1804.7	1770.6	1750.9
47.5°	1767.0	1820.9	1804.7	1754.4	1732.9	1768.8	1820.9	1819.1	1758.0	1722.1	1706.0
50°	1731.1	1799.3	1797.5	1754.4	1731.1	1776.0	1822.7	1799.3	1732.9	1695.2	1679.0
52.5°	1702.4	1797.5	1810.1	1785.0	1768.8	1808.3	1837.0	1792.2	1714.9	1675.4	1662.9
55°	1689.8	1804.7	1813.7	1790.4	1776.0	1811.9	1837.0	1806.5	1714.9	1679.0	1668.2
57.5°	1693.4	1795.7	1797.5	1765.2	1740.1	1785.0	1824.5	1815.5	1734.7	1693.4	1680.8
60°	1671.8	1747.3	1750.9	1700.6	1671.8	1725.7	1795.7	1790.4	1725.7	1682.6	1659.3
62.5°	1600.0	1666.5	1668.2	1621.6	1580.3	1657.5	1734.7	1732.9	1673.6	1630.5	1603.6
65°	1479.7	1549.7	1567.7	1522.8	1490.5	1573.1	1653.9	1650.3	1591.0	1551.5	1524.6
67.5°	1330.6	1406.1	1440.2	1409.7	1397.1	1472.5	1547.9	1546.1	1497.7	1459.9	1436.6
70°	1149.3	1212.1	1269.6	1269.6	1260.6	1346.8	1427.6	1420.4	1375.5	1346.8	1328.9
72.5°	998.4	1046.9	1064.9	1082.8	1109.8	1199.6	1267.8	1273.2	1240.9	1226.5	1240.9
75°	849.4	879.9	896.1	881.7	928.4	1021.8	1111.6	1120.5	1086.4	1063.1	1068.5
77.5°	698.5	732.7	748.8	716.5	712.9	831.4	941.0	960.7	932.0	896.1	906.9
80°	504.6	549.5	576.4	554.9	547.7	599.8	750.6	772.2	745.2	716.5	732.7
82.5°	308.9	334.0	341.2	362.7	407.6	429.2	483.1	554.9	535.1	510.0	554.9
85°	122.1	145.5	161.6	183.2	213.7	253.2	298.1	355.6	323.2	312.5	368.1
87.5°	7.2	1.8	0.0	3.6	30.5	59.3	127.5	176.0	147.3	158.0	190.3
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):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9	3147.9
2.5°	2914.5	2961.2	3024.0	3076.1	3142.6	3205.4	3270.1	3334.7	3368.8	3383.2
5°	2708.0	2794.2	2894.7	3006.1	3135.4	3271.8	3410.1	3552.0	3641.8	3649.0
7.5°	2584.1	2708.0	2846.3	2986.3	3146.1	3334.7	3553.8	3772.9	3864.4	3889.6
10°	2623.6	2761.9	2871.4	3002.5	3178.5	3413.7	3672.3	3929.1	4035.0	4065.6
12.5°	2781.6	2808.5	2842.7	2963.0	3178.5	3482.0	3794.4	4099.7	4212.8	4241.6
15°	2912.7	2783.4	2722.4	2849.8	3135.4	3541.2	3923.7	4261.3	4397.8	4424.7
17.5°	2923.5	2700.8	2567.9	2682.8	3060.0	3582.5	4047.6	4440.9	4555.8	4580.9
20°	2813.9	2612.8	2440.4	2510.5	2957.6	3600.5	4137.4	4572.0	4685.1	4710.2
22.5°	2690.0	2541.0	2354.2	2350.6	2833.7	3620.2	4245.1	4695.9	4818.0	4834.1
25°	2573.3	2442.2	2284.2	2233.9	2690.0	3657.9	4390.6	4882.6	4976.0	4981.4
27.5°	2436.8	2336.3	2228.5	2180.0	2564.3	3729.8	4606.1	5105.3	5161.0	5152.0
30°	2312.9	2237.5	2189.0	2174.6	2485.3	3783.6	4810.8	5324.4	5328.0	5297.5
32.5°	2181.8	2153.1	2153.1	2199.8	2420.7	3771.1	4977.8	5538.1	5504.0	5459.1
35°	2065.1	2070.5	2108.2	2217.7	2312.9	3645.4	5137.6	5805.6	5755.4	5690.7
37.5°	1953.8	1995.1	2048.9	2154.9	2171.1	3458.6	5324.4	6184.5	6121.7	6040.9
40°	1858.6	1921.4	1984.3	2036.4	2020.2	3192.8	5584.8	6629.9	6559.9	6466.5
42.5°	1783.2	1844.2	1914.3	1919.7	1925.0	2916.3	5861.3	7175.8	7163.2	7060.9
45°	1734.7	1774.2	1840.6	1831.7	1919.7	2611.0	6116.3	8009.0	8174.2	8097.0
47.5°	1702.4	1732.9	1740.1	1777.8	1966.3	2338.1	6444.9	9639.6	10099.3	10011.3
50°	1684.4	1714.9	1634.1	1781.4	1973.5	2162.1	6899.3	11686.7	12426.6	12309.8
52.5°	1682.6	1675.4	1553.3	1819.1	1934.0	2054.3	7136.3	13180.8	14822.1	15075.3
55°	1686.2	1596.4	1512.0	1829.9	1855.0	2014.8	6342.6	13899.1	17032.6	17567.8
57.5°	1653.9	1510.2	1535.4	1786.8	1706.0	2120.8	4688.7	13642.3	17916.2	18911.0
60°	1592.8	1427.6	1578.5	1670.0	1553.3	1939.4	3228.8	12496.6	17000.3	18023.9
62.5°	1504.8	1370.2	1573.1	1519.2	1497.7	1587.4	2219.5	10893.0	15547.6	16547.8
65°	1406.1	1323.5	1488.7	1373.7	1386.3	1221.1	1569.5	9082.9	13812.9	14796.9
67.5°	1300.1	1294.7	1364.8	1222.9	1170.8	967.9	1143.9	7280.0	11584.4	12471.5
70°	1179.8	1219.3	1240.9	1086.4	949.9	759.6	849.4	5090.9	8546.0	9318.1
72.5°	1059.5	1063.1	1093.6	944.6	711.1	608.8	637.5	3083.3	5805.6	6367.7
75°	937.4	903.3	932.0	768.6	529.7	499.2	492.0	1905.3	4009.9	4453.4
77.5°	806.3	768.6	730.9	578.2	425.6	386.1	377.1	1068.5	2460.2	2733.1
80°	655.4	605.2	545.9	423.8	310.7	276.5	274.7	520.8	1226.5	1366.6
82.5°	510.0	414.8	398.7	264.0	192.1	168.8	179.6	199.3	369.9	413.0
85°	357.4	301.7	211.9	105.9	86.2	70.0	68.2	59.3	98.8	109.5
87.5°	199.3	131.1	68.2	12.6	14.4	16.2	12.6	9.0	9.0	9.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)