

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: P641786

Luminaire Tested: GWS-SA6B-750-U-SLR-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P641786  
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-SA6B-750-U-SLR-W  
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND  
SPILL LIGHT ELIMINATOR RIGHT OPTICS  
Light Source: (96) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

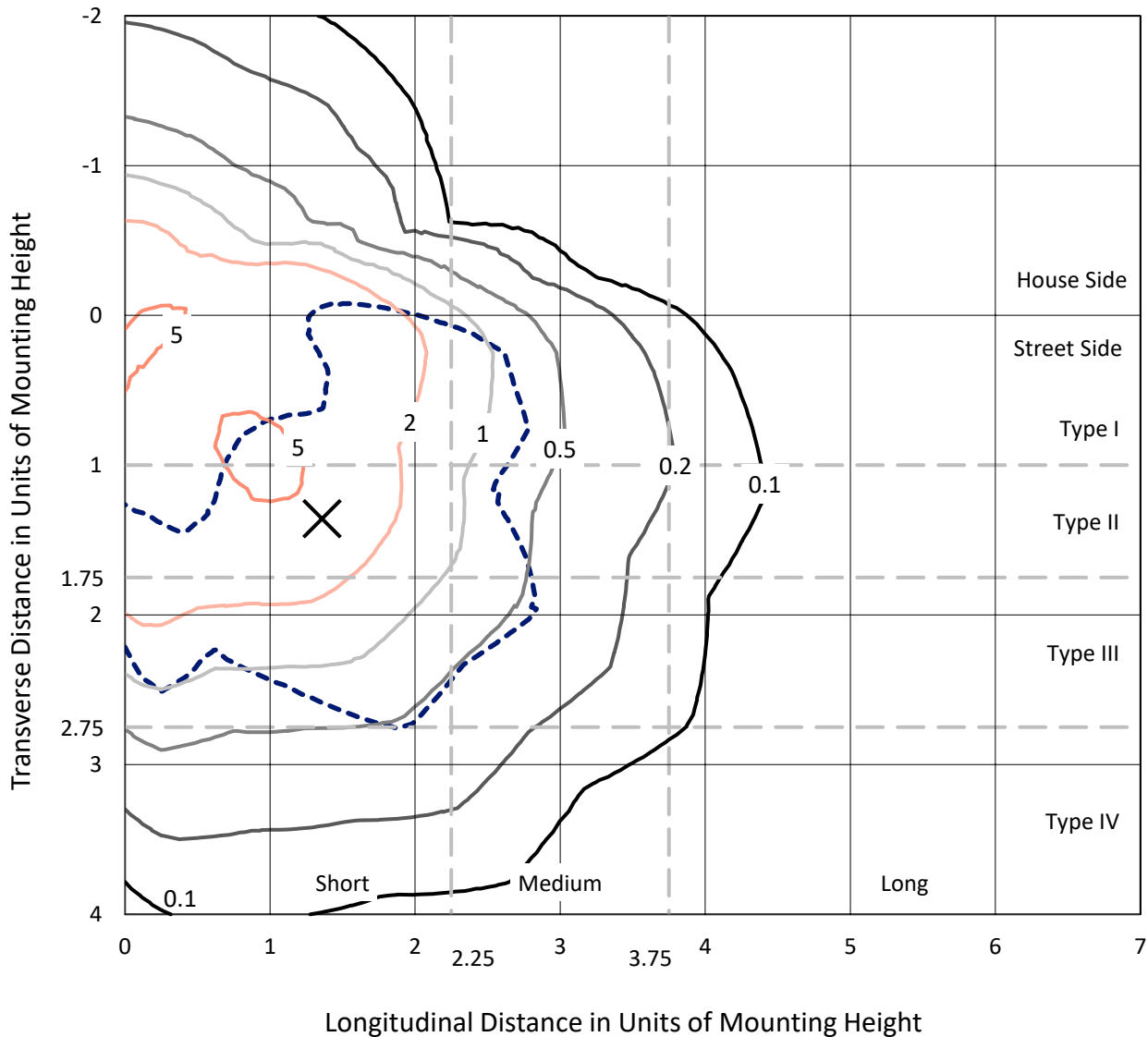
Lumens per Lamp: N/A  
Luminaire Lumens: 20506.5 lumens  
Efficiency: N/A  
Efficacy: 147.6 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 138.9  
Input Voltage (V): 120  
Input Current (Ain): 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

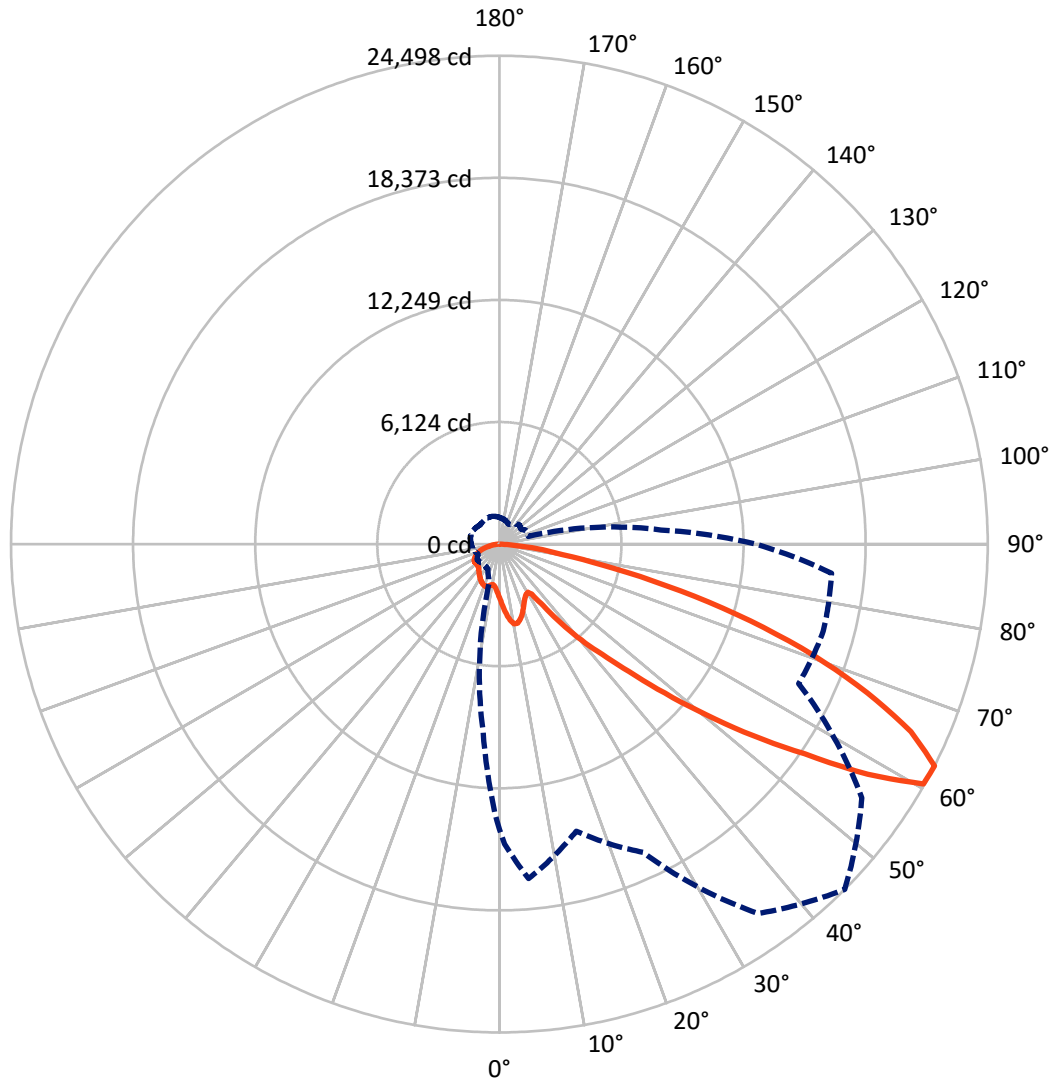
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.2 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	4893.2	0.0	4893.2
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	15613.3	0.0	15613.3
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	20506.5	0.0	20506.5
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	265.8	1.3
10°-20°	833.2	4.1
20°-30°	1294.2	6.3
30°-40°	1757.2	8.6
40°-50°	2785.0	13.6
50°-60°	4912.8	24.0
60°-70°	5466.2	26.7
70°-80°	2772.2	13.5
80°-90°	419.8	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°	20506.5	100.0
0°-180°	20506.5	100.0

**Coefficient of Utilization**



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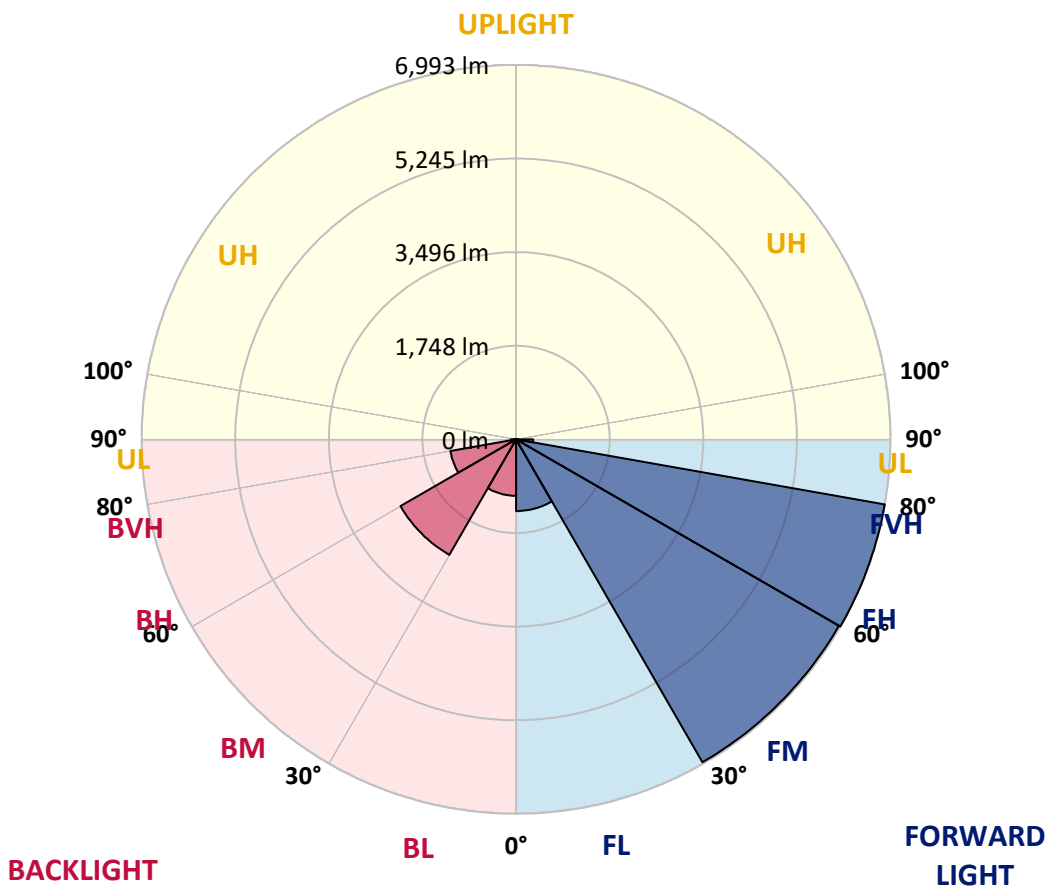
CATALOG NUMBER: GWS-SA6B-750-U-SLR-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1338.9	6.5			
FM (30°-60°)	6962.8	34.0			
FH (60°-80°)	6992.9	34.1			G3/7500
FVH (80°-90°)	318.6	1.6			G3/500
BL (0°-30°)	1054.4	5.1	B3/2500		
BM (30°-60°)	2492.2	12.2	B2/2500		
BH (60°-80°)	1245.6	6.1	B3/2500		G3/2500
BVH (80°-90°)	101.2	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G3**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6
2.5°	2925.0	2923.5	2953.0	2998.0	3039.9	3058.5	3089.6	3086.5	3061.6	3029.0	3018.2
5°	3154.8	3161.0	3212.2	3311.6	3421.8	3468.4	3488.6	3480.8	3435.8	3378.4	3277.4
7.5°	3362.8	3373.7	3452.9	3601.9	3738.6	3800.7	3850.3	3841.0	3775.8	3668.7	3519.6
10°	3515.0	3527.4	3622.1	3797.6	3949.7	4004.0	4067.7	4070.8	4013.4	3869.0	3716.8
12.5°	3667.1	3679.6	3768.1	3928.0	4027.3	4028.9	4066.1	4086.3	4089.4	4022.7	3870.5
15°	3825.5	3836.4	3917.1	4007.1	4002.5	3915.5	3915.5	3954.4	4039.8	4087.9	3982.3
17.5°	3960.6	3974.5	4036.6	4007.1	3869.0	3712.2	3693.5	3743.2	3892.3	4077.0	4066.1
20°	4072.4	4083.2	4117.4	3921.8	3670.2	3465.3	3429.6	3487.0	3688.9	4010.3	4129.8
22.5°	4179.5	4185.7	4167.1	3810.0	3456.0	3221.6	3178.1	3238.6	3456.0	3892.3	4184.1
25°	4306.8	4300.6	4212.1	3693.5	3260.4	3029.0	2984.0	3052.3	3279.0	3735.5	4243.1
27.5°	4454.3	4431.0	4250.9	3567.8	3109.8	2886.2	2855.2	2928.1	3139.3	3591.1	4289.7
30°	4580.0	4535.0	4257.1	3456.0	3032.1	2825.7	2807.0	2875.3	3071.0	3493.3	4348.7
32.5°	4719.8	4657.7	4292.8	3426.5	3075.6	2971.6	2996.4	3001.1	3089.6	3465.3	4437.2
35°	4920.1	4839.3	4390.6	3511.9	3522.8	3698.2	3788.2	3667.1	3370.6	3527.4	4604.9
37.5°	5222.8	5120.3	4589.4	3881.4	4446.5	4839.3	5056.7	4780.3	4224.5	3761.8	4857.9
40°	5590.8	5460.3	4844.0	4564.5	5309.7	5938.5	6325.1	5919.9	5103.3	4347.2	5213.5
42.5°	6104.7	5968.0	5337.7	5235.2	6109.3	7045.5	7550.1	6946.1	5878.0	5103.3	5783.3
45°	7000.5	6868.5	6242.8	5907.5	7045.5	8408.6	9116.6	8276.7	6665.1	5862.5	6848.3
47.5°	8655.5	8500.2	7587.3	6652.7	8113.7	10178.6	11169.1	9945.7	7483.3	6731.9	8636.9
50°	10642.8	10493.7	9275.0	7534.6	9293.6	12071.1	13448.2	11906.6	8425.7	7789.2	10774.7
52.5°	13033.7	13005.8	11683.0	8649.3	10521.7	14089.4	15977.4	14078.6	9458.2	9212.9	13196.7
55°	15188.7	15461.9	14741.5	10349.3	12108.4	16624.8	18577.9	16447.8	10858.6	11566.5	16033.2
57.5°	16350.0	17084.3	18191.3	13817.8	14415.5	19655.4	21787.0	19340.2	13265.0	15485.2	18663.3
60°	15583.0	16415.2	18421.1	16429.2	16704.0	22083.6	24435.7	21771.5	15628.0	18205.3	18514.2
62.5°	14306.8	15053.6	16837.5	14904.5	17057.9	22617.6	24497.8	22195.3	16567.3	16825.1	16724.1
65°	12793.1	13546.1	15435.5	13010.4	15932.3	21349.2	22690.6	20948.6	14879.7	15201.1	15238.3
67.5°	10782.5	11478.0	13401.7	11568.1	14522.6	19487.7	19916.2	19172.5	13702.9	14215.2	13679.6
70°	8056.2	8683.4	10381.9	9400.7	12241.9	17062.6	16716.4	16826.6	12381.6	12890.9	11426.8
72.5°	5505.4	5977.3	7433.6	7387.1	9374.3	13659.4	13176.5	14221.4	10341.6	11016.9	8711.4
75°	3850.3	4218.3	5373.4	5836.1	7085.9	10124.2	9383.7	10644.3	8076.4	9040.5	6356.2
77.5°	2363.0	2606.7	3393.9	4323.9	4558.3	6929.1	5828.3	8009.6	5671.5	6593.7	4240.0
80°	1181.5	1299.5	1648.8	2718.5	3022.8	4083.2	3218.4	4649.9	3837.9	4083.2	2345.9
82.5°	357.1	394.3	482.8	1032.4	1566.5	2350.6	1901.9	2701.4	2096.0	1914.3	923.8
85°	94.7	107.1	133.5	305.9	549.6	843.0	642.8	1308.8	1004.5	706.4	347.8
87.5°	7.8	7.8	6.2	6.2	3.1	0.0	0.0	93.2	187.9	107.1	60.5
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6
2.5°	2963.8	2957.6	2894.0	2847.4	2793.0	2740.3	2685.9	2637.8	2583.5	2529.1	2513.6
5°	3202.9	3159.5	3024.4	2911.0	2799.3	2701.4	2616.1	2527.6	2456.1	2386.3	2359.9
7.5°	3414.1	3338.0	3142.4	2970.0	2814.8	2693.7	2567.9	2439.1	2338.1	2238.8	2213.9
10°	3605.0	3504.1	3257.3	3039.9	2867.6	2729.4	2581.9	2409.6	2263.6	2142.5	2109.9
12.5°	3746.3	3636.1	3356.6	3106.7	2911.0	2755.8	2609.8	2457.7	2304.0	2147.2	2111.5
15°	3858.1	3743.2	3438.9	3157.9	2912.6	2712.3	2571.0	2518.2	2470.1	2316.4	2251.2
17.5°	3948.2	3827.1	3510.3	3189.0	2870.7	2580.3	2457.7	2535.3	2658.0	2561.7	2439.1
20°	4030.4	3907.8	3564.7	3210.7	2777.5	2398.7	2330.4	2495.0	2679.7	2676.6	2566.4
22.5°	4120.5	4000.9	3643.8	3223.1	2647.1	2213.9	2254.3	2436.0	2586.6	2631.6	2563.3
25°	4235.4	4129.8	3754.1	3251.1	2499.6	2086.6	2198.4	2359.9	2485.6	2496.5	2456.1
27.5°	4368.9	4289.7	3918.7	3316.3	2356.8	2021.4	2133.2	2252.8	2367.6	2372.3	2324.2
30°	4514.8	4462.0	4070.8	3370.6	2249.7	2001.2	2049.4	2145.6	2218.6	2231.0	2189.1
32.5°	4701.1	4654.6	4205.9	3334.9	2186.0	1996.6	1971.7	2021.4	2082.0	2082.0	2049.4
35°	4957.3	4892.1	4348.7	3198.3	2108.4	1978.0	1889.5	1903.4	1929.8	1934.5	1915.9
37.5°	5320.6	5213.5	4493.1	2928.1	1981.1	1911.2	1794.8	1777.7	1787.0	1799.4	1794.8
40°	5770.9	5595.4	4704.2	2603.6	1828.9	1782.3	1696.9	1664.3	1656.6	1681.4	1690.7
42.5°	6337.5	6068.9	4930.9	2300.9	1690.7	1634.8	1582.1	1554.1	1541.7	1583.6	1608.4
45°	7242.7	6800.2	5148.3	2001.2	1613.1	1509.1	1473.4	1453.2	1459.4	1509.1	1540.1
47.5°	8806.1	7916.5	5354.8	1811.8	1606.9	1419.0	1375.6	1380.2	1397.3	1450.1	1487.3
50°	10784.1	9411.6	5492.9	1732.7	1625.5	1364.7	1307.3	1332.1	1358.5	1409.7	1453.2
52.5°	12797.7	10804.2	5328.4	1689.2	1624.0	1366.2	1243.6	1318.1	1330.5	1381.8	1428.4
55°	14182.6	10959.5	4603.3	1622.4	1599.1	1428.4	1193.9	1311.9	1319.7	1366.2	1408.2
57.5°	14710.5	10428.5	3510.3	1641.1	1524.6	1476.5	1172.2	1268.4	1324.3	1364.7	1408.2
60°	14072.4	9427.1	2133.2	1689.2	1405.1	1473.4	1186.2	1189.3	1285.5	1353.8	1397.3
62.5°	12869.1	8141.6	1498.2	1552.6	1318.1	1391.1	1218.8	1096.1	1217.2	1299.5	1338.3
65°	11490.5	6629.4	1142.7	1336.8	1276.2	1263.8	1229.6	1013.8	1124.1	1204.8	1238.9
67.5°	10054.4	5152.9	928.4	996.7	1153.5	1142.7	1124.1	940.8	1013.8	1071.3	1110.1
70°	8245.6	3605.0	784.0	748.3	989.0	1024.7	982.8	849.2	872.5	931.5	962.6
72.5°	6031.7	2246.5	644.3	617.9	794.9	895.8	874.1	748.3	759.2	815.1	839.9
75°	4337.8	1285.5	517.0	509.2	607.0	767.0	723.5	644.3	656.7	698.7	715.7
77.5°	2757.3	715.7	399.0	409.9	434.7	572.9	617.9	551.2	551.2	576.0	590.0
80°	1476.5	409.9	291.9	296.5	304.3	437.8	487.5	427.0	427.0	409.9	427.0
82.5°	602.4	236.0	200.3	186.3	203.4	299.6	341.6	271.7	284.1	256.2	262.4
85°	198.7	118.0	99.4	97.8	96.3	132.0	164.6	135.1	161.5	102.5	107.1
87.5°	26.4	21.7	12.4	9.3	10.9	4.7	9.3	10.9	10.9	7.8	7.8
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°	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6
2.5°	2502.7	2490.3	2445.3	2456.1	2448.4	2436.0	2448.4	2425.1	2443.7	2449.9	2488.7
5°	2339.7	2310.2	2266.7	2245.0	2240.3	2227.9	2229.5	2218.6	2221.7	2248.1	2291.6
7.5°	2193.8	2165.8	2131.7	2116.1	2102.2	2088.2	2086.6	2085.1	2097.5	2120.8	2162.7
10°	2088.2	2072.7	2058.7	2064.9	2058.7	2052.5	2041.6	2041.6	2061.8	2103.7	2154.9
12.5°	2088.2	2085.1	2088.2	2106.8	2105.3	2106.8	2092.8	2100.6	2156.5	2227.9	2300.9
15°	2200.0	2175.1	2175.1	2184.4	2181.3	2181.3	2181.3	2213.9	2341.3	2451.5	2529.1
17.5°	2336.6	2263.6	2232.6	2227.9	2226.4	2226.4	2232.6	2302.4	2501.2	2617.6	2662.6
20°	2431.3	2293.1	2241.9	2221.7	2223.3	2226.4	2245.0	2341.3	2560.2	2619.2	2608.3
22.5°	2448.4	2269.8	2207.7	2178.2	2182.9	2186.0	2213.9	2316.4	2479.4	2488.7	2467.0
25°	2369.2	2204.6	2137.9	2114.6	2120.8	2119.2	2144.1	2218.6	2335.0	2331.9	2319.5
27.5°	2251.2	2100.6	2050.9	2035.4	2046.3	2033.8	2041.6	2099.1	2189.1	2186.0	2181.3
30°	2130.1	1999.7	1954.7	1946.9	1960.9	1942.2	1943.8	1991.9	2054.0	2050.9	2049.4
32.5°	2009.0	1898.8	1858.4	1858.4	1872.4	1852.2	1855.3	1897.2	1939.1	1926.7	1926.7
35°	1894.1	1816.5	1783.9	1777.7	1788.5	1774.6	1780.8	1819.6	1835.1	1818.0	1807.2
37.5°	1793.2	1759.0	1726.4	1704.7	1706.3	1707.8	1726.4	1755.9	1746.6	1721.8	1707.8
40°	1700.0	1700.0	1669.0	1628.6	1624.0	1634.8	1665.9	1698.5	1672.1	1644.2	1627.1
42.5°	1633.3	1647.3	1617.8	1577.4	1568.1	1586.7	1620.9	1644.2	1613.1	1582.1	1558.8
45°	1571.2	1605.3	1585.2	1540.1	1527.7	1549.5	1592.9	1602.2	1560.3	1530.8	1513.7
47.5°	1527.7	1574.3	1560.3	1516.8	1498.2	1529.3	1574.3	1572.7	1520.0	1488.9	1474.9
50°	1496.7	1555.7	1554.1	1516.8	1496.7	1535.5	1575.8	1555.7	1498.2	1465.6	1451.6
52.5°	1471.8	1554.1	1565.0	1543.2	1529.3	1563.4	1588.3	1549.5	1482.7	1448.5	1437.7
55°	1461.0	1560.3	1568.1	1547.9	1535.5	1566.5	1588.3	1561.9	1482.7	1451.6	1442.3
57.5°	1464.1	1552.6	1554.1	1526.2	1504.4	1543.2	1577.4	1569.6	1499.8	1464.1	1453.2
60°	1445.4	1510.6	1513.7	1470.3	1445.4	1492.0	1552.6	1547.9	1492.0	1454.7	1434.6
62.5°	1383.3	1440.8	1442.3	1402.0	1366.2	1433.0	1499.8	1498.2	1447.0	1409.7	1386.4
65°	1279.3	1339.9	1355.4	1316.6	1288.6	1360.0	1429.9	1426.8	1375.6	1341.4	1318.1
67.5°	1150.4	1215.7	1245.2	1218.8	1207.9	1273.1	1338.3	1336.8	1294.8	1262.2	1242.0
70°	993.6	1048.0	1097.7	1097.7	1089.9	1164.4	1234.3	1228.1	1189.3	1164.4	1148.9
72.5°	863.2	905.1	920.7	936.2	959.5	1037.1	1096.1	1100.8	1072.8	1060.4	1072.8
75°	734.4	760.8	774.7	762.3	802.7	883.4	961.0	968.8	939.3	919.1	923.8
77.5°	603.9	633.4	647.4	619.5	616.4	718.8	813.5	830.6	805.8	774.7	784.0
80°	436.3	475.1	498.4	479.7	473.5	518.6	649.0	667.6	644.3	619.5	633.4
82.5°	267.0	288.8	295.0	313.6	352.4	371.1	417.6	479.7	462.7	440.9	479.7
85°	105.6	125.8	139.7	158.4	184.8	218.9	257.7	307.4	279.5	270.1	318.3
87.5°	6.2	1.6	0.0	3.1	26.4	51.2	110.2	152.2	127.3	136.6	164.6
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°	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6	2721.6
2.5°	2519.8	2560.2	2614.5	2659.5	2717.0	2771.3	2827.2	2883.1	2912.6	2925.0
5°	2341.3	2415.8	2502.7	2599.0	2710.8	2828.8	2948.3	3071.0	3148.6	3154.8
7.5°	2234.1	2341.3	2460.8	2581.9	2720.1	2883.1	3072.5	3261.9	3341.1	3362.8
10°	2268.3	2387.8	2482.5	2595.9	2748.0	2951.4	3175.0	3397.0	3488.6	3515.0
12.5°	2404.9	2428.2	2457.7	2561.7	2748.0	3010.4	3280.6	3544.5	3642.3	3667.1
15°	2518.2	2406.5	2353.7	2463.9	2710.8	3061.6	3392.3	3684.2	3802.2	3825.5
17.5°	2527.6	2335.0	2220.2	2319.5	2645.6	3097.3	3499.5	3839.5	3938.8	3960.6
20°	2432.9	2259.0	2109.9	2170.5	2557.1	3112.9	3577.1	3952.8	4050.6	4072.4
22.5°	2325.7	2196.9	2035.4	2032.3	2449.9	3130.0	3670.2	4059.9	4165.5	4179.5
25°	2224.8	2111.5	1974.9	1931.4	2325.7	3162.6	3796.0	4221.4	4302.1	4306.8
27.5°	2106.8	2019.9	1926.7	1884.8	2217.1	3224.7	3982.3	4413.9	4462.0	4454.3
30°	1999.7	1934.5	1892.6	1880.1	2148.7	3271.2	4159.3	4603.3	4606.4	4580.0
32.5°	1886.4	1861.5	1861.5	1901.9	2092.8	3260.4	4303.7	4788.1	4758.6	4719.8
35°	1785.4	1790.1	1822.7	1917.4	1999.7	3151.7	4441.9	5019.4	4975.9	4920.1
37.5°	1689.2	1724.9	1771.5	1863.1	1877.0	2990.2	4603.3	5347.0	5292.7	5222.8
40°	1606.9	1661.2	1715.6	1760.6	1746.6	2760.4	4828.5	5732.0	5671.5	5590.8
42.5°	1541.7	1594.5	1655.0	1659.7	1664.3	2521.4	5067.5	6204.0	6193.1	6104.7
45°	1499.8	1533.9	1591.4	1583.6	1659.7	2257.4	5288.0	6924.4	7067.2	7000.5
47.5°	1471.8	1498.2	1504.4	1537.0	1700.0	2021.4	5572.1	8334.1	8731.6	8655.5
50°	1456.3	1482.7	1412.8	1540.1	1706.3	1869.3	5964.9	10104.0	10743.7	10642.8
52.5°	1454.7	1448.5	1343.0	1572.7	1672.1	1776.1	6169.9	11395.8	12814.8	13033.7
55°	1457.9	1380.2	1307.3	1582.1	1603.8	1742.0	5483.6	12016.8	14726.0	15188.7
57.5°	1429.9	1305.7	1327.4	1544.8	1474.9	1833.6	4053.7	11794.8	15489.9	16350.0
60°	1377.1	1234.3	1364.7	1443.9	1343.0	1676.8	2791.5	10804.2	14698.1	15583.0
62.5°	1301.0	1184.6	1360.0	1313.5	1294.8	1372.5	1919.0	9417.8	13442.0	14306.8
65°	1215.7	1144.2	1287.1	1187.7	1198.6	1055.7	1356.9	7852.8	11942.3	12793.1
67.5°	1124.1	1119.4	1179.9	1057.3	1012.3	836.8	989.0	6294.1	10015.5	10782.5
70°	1020.0	1054.2	1072.8	939.3	821.3	656.7	734.4	4401.5	7388.6	8056.2
72.5°	916.0	919.1	945.5	816.6	614.8	526.3	551.2	2665.7	5019.4	5505.4
75°	810.4	780.9	805.8	664.5	458.0	431.6	425.4	1647.3	3466.9	3850.3
77.5°	697.1	664.5	631.9	499.9	368.0	333.8	326.0	923.8	2127.0	2363.0
80°	566.7	523.2	472.0	366.4	268.6	239.1	237.5	450.2	1060.4	1181.5
82.5°	440.9	358.6	344.7	228.2	166.1	145.9	155.3	172.3	319.8	357.1
85°	309.0	260.8	183.2	91.6	74.5	60.5	59.0	51.2	85.4	94.7
87.5°	172.3	113.3	59.0	10.9	12.4	14.0	10.9	7.8	7.8	7.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)