

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: P158119

Luminaire Tested: **VTS-E05-LED-E1-SL2-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P158119
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33712)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: VTS-E05-LED-E1-SL2-7030
Description: VENTUS LED SITE LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (105) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

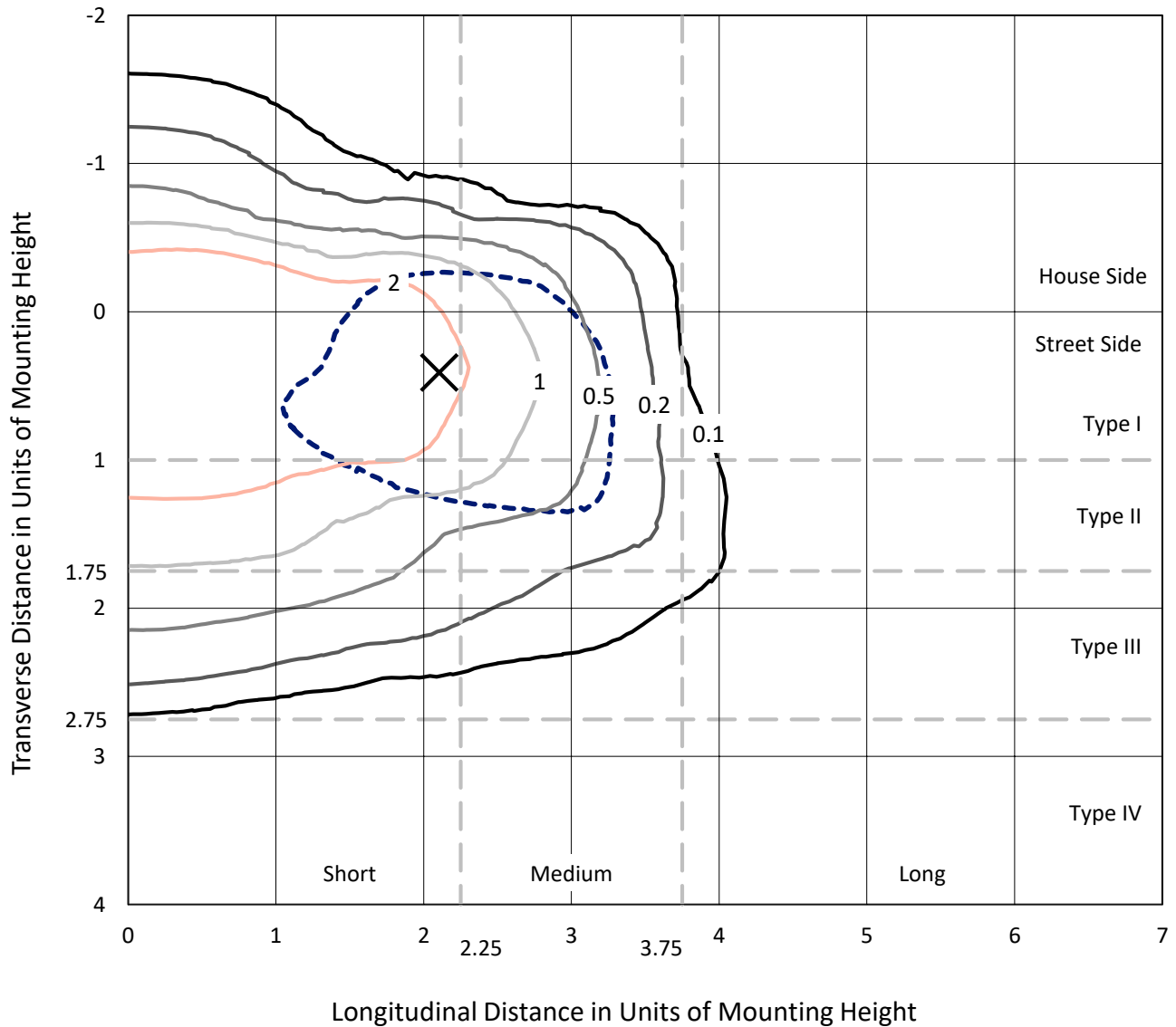
Lumens per Lamp: N/A
Luminaire Lumens: 13740.3 lumens
Efficiency: N/A
Efficacy: 107.9 lumens/watt
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B2 - U0 - G2

Input Watts (W): 127.3
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: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

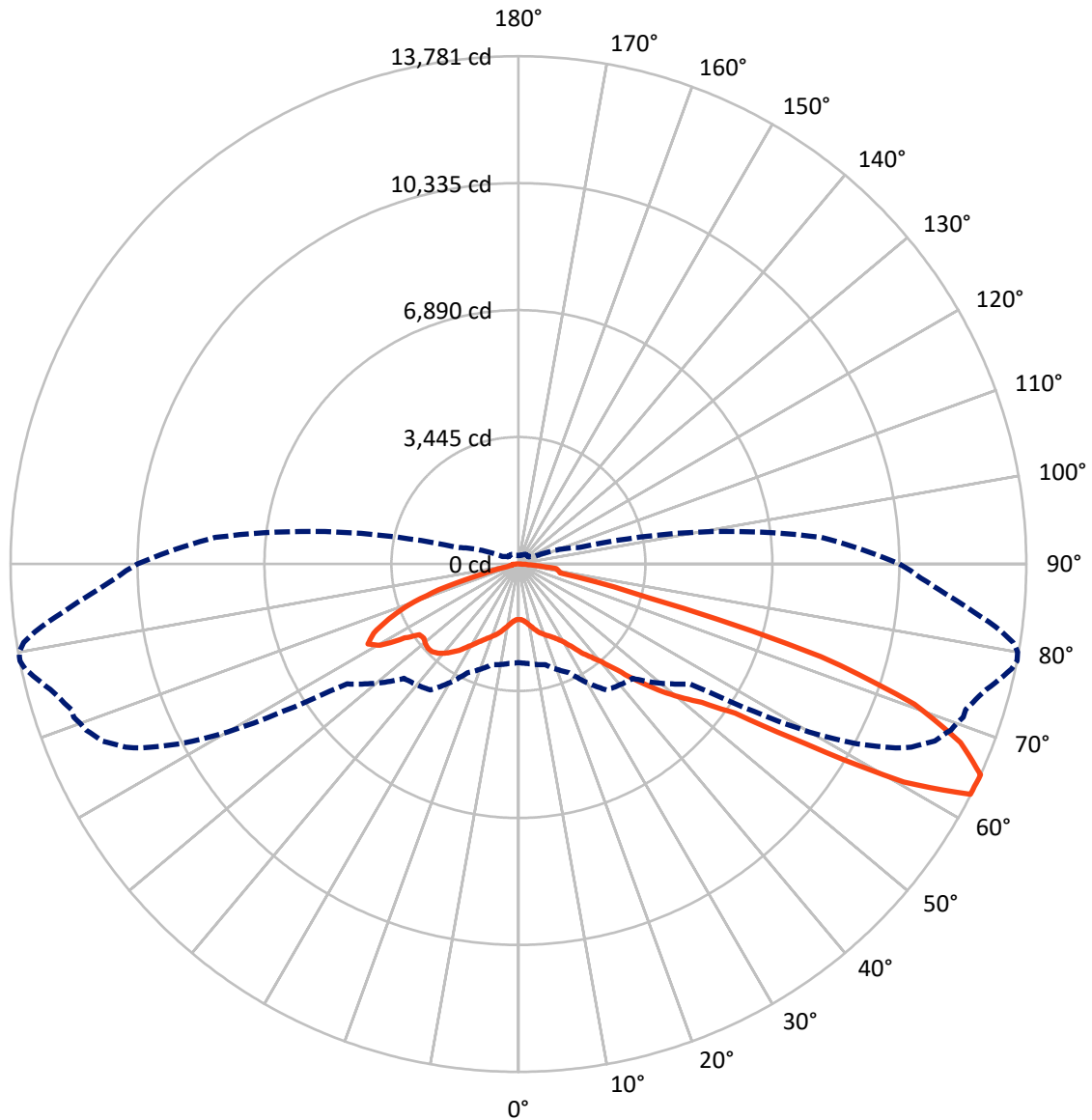
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.9 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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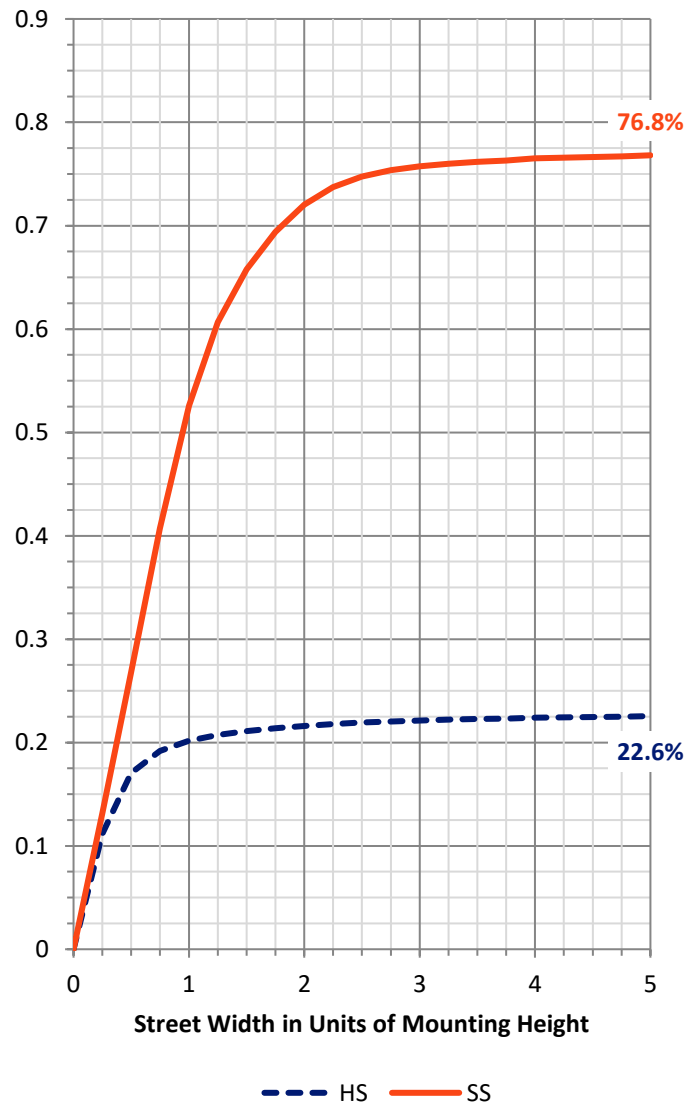
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3157.3	0.0	3157.3
	% Fixture	23.0	0.0	23.0
Street Side	Lumens	10583.0	0.0	10583.0
	% Fixture	77.0	0.0	77.0
Total	Lumens	13740.3	0.0	13740.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	148.7	1.1
10°-20°	483.1	3.5
20°-30°	832.8	6.1
30°-40°	1364.1	9.9
40°-50°	2284.4	16.6
50°-60°	3089.9	22.5
60°-70°	3805.3	27.7
70°-80°	1473.0	10.7
80°-90°	259.0	1.9
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°	13740.3	100.0
0°-180°	13740.3	100.0



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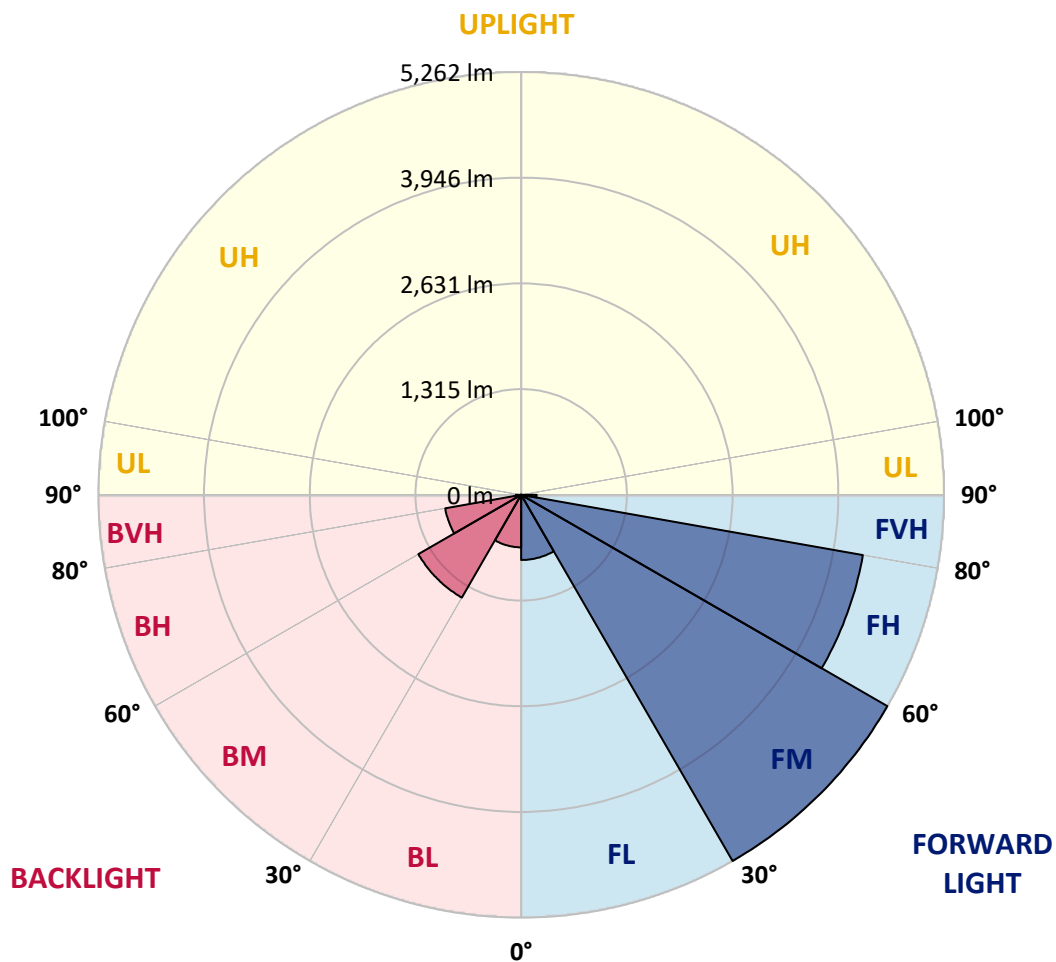
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	811.2	5.9			
FM (30°-60°)	5261.9	38.3			
FH (60°-80°)	4317.7	31.4			G2/5000
FVH (80°-90°)	192.2	1.4			G2/225
BL (0°-30°)	653.4	4.8	B2/1000		
BM (30°-60°)	1476.5	10.7	B2/2500		
BH (60°-80°)	960.6	7.0	B2/1000		G2/1000
BVH (80°-90°)	66.8	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4
2.5°	1506.1	1501.5	1506.1	1509.8	1512.5	1516.2	1515.2	1514.3	1513.4	1514.3	1514.3
5°	1518.9	1518.0	1522.6	1526.2	1532.6	1537.2	1542.6	1542.6	1542.6	1541.7	1543.6
7.5°	1560.0	1559.1	1563.7	1567.3	1572.8	1581.9	1589.2	1592.9	1592.0	1592.0	1592.0
10°	1627.6	1623.9	1623.9	1623.9	1631.2	1637.6	1654.1	1655.9	1659.6	1657.7	1658.6
12.5°	1693.4	1694.3	1691.5	1688.8	1689.7	1702.5	1726.2	1730.8	1731.7	1734.5	1736.3
15°	1752.7	1751.8	1745.4	1739.0	1747.2	1769.2	1800.2	1808.4	1808.4	1813.9	1817.6
17.5°	1807.5	1805.7	1793.8	1782.9	1791.1	1828.5	1876.9	1882.4	1890.6	1893.4	1897.0
20°	1872.4	1868.7	1855.0	1825.8	1825.8	1876.9	1940.9	1946.3	1953.7	1955.5	1961.9
22.5°	1962.8	1953.7	1924.4	1871.5	1856.8	1916.2	1994.8	1997.5	2003.0	2010.3	2015.8
25°	2065.1	2066.9	2019.4	1927.2	1895.2	1957.3	2046.8	2051.4	2061.4	2066.9	2073.3
27.5°	2171.0	2173.8	2120.8	2005.7	1951.8	2013.9	2117.1	2122.6	2134.5	2140.9	2150.9
30°	2291.6	2295.2	2244.1	2128.1	2045.9	2097.1	2221.3	2235.9	2245.9	2254.1	2270.6
32.5°	2581.1	2559.2	2523.6	2400.3	2270.6	2266.9	2389.3	2405.8	2419.5	2436.8	2452.3
35°	2945.6	2959.3	2977.5	2894.4	2780.2	2697.1	2707.2	2698.0	2710.8	2736.4	2751.9
37.5°	3234.2	3264.3	3343.8	3397.7	3393.1	3376.7	3223.2	3223.2	3231.4	3217.7	3215.9
40°	3460.7	3479.9	3642.4	3851.6	4027.9	4114.6	3993.2	3975.8	3984.9	3914.6	3917.4
42.5°	3577.6	3605.9	3839.7	4206.9	4556.7	4835.3	4797.8	4786.0	4758.6	4741.2	4730.2
45°	3637.0	3670.8	3949.3	4453.5	4963.1	5393.3	5587.0	5585.1	5560.5	5540.4	5531.2
47.5°	3606.8	3636.0	3932.9	4528.4	5176.9	5753.2	6181.6	6208.0	6200.7	6230.0	6241.8
50°	3409.5	3447.0	3744.7	4366.7	5087.4	5894.8	6593.5	6642.8	6709.5	6751.5	6807.2
52.5°	3231.4	3262.5	3531.0	4104.6	4793.3	5779.7	6841.9	6943.3	7034.6	7120.5	7187.2
55°	3045.1	3076.2	3311.8	3832.4	4496.4	5439.9	6955.2	7103.1	7245.6	7390.8	7524.2
57.5°	2974.8	3007.7	3183.0	3621.4	4253.5	5102.9	7010.9	7253.8	7485.8	7732.4	7988.2
60°	3157.5	3186.7	3320.0	3626.9	4068.1	4765.9	6898.5	7280.3	7679.4	8085.9	8478.6
62.5°	3101.7	3117.3	3283.5	3759.4	4304.6	4433.4	6411.7	6915.9	7495.9	8091.4	8693.3
65°	2676.1	2706.3	2831.4	3249.7	4172.2	4388.6	5670.1	6177.0	6861.1	7565.3	8371.8
67.5°	1919.9	1877.8	1974.7	2340.9	3236.9	4381.3	4835.3	5210.7	5746.8	6286.6	6947.9
70°	872.2	852.2	928.0	1217.5	1952.7	3462.5	4088.2	4215.1	4414.2	4777.7	5224.4
72.5°	344.3	343.4	392.7	503.3	923.4	2228.6	3437.9	3510.9	3581.2	3739.3	3932.0
75°	225.6	225.6	240.2	271.3	454.8	1075.9	2908.1	2974.8	3082.6	3127.3	3209.5
77.5°	169.9	170.8	177.2	184.5	251.2	566.3	2052.3	2288.9	2471.5	2607.6	2707.2
80°	120.6	126.0	137.9	142.5	163.5	322.4	1160.0	1330.8	1537.2	1757.3	2034.0
82.5°	90.4	96.8	116.9	122.4	129.7	183.6	523.3	593.7	693.2	898.7	1292.4
85°	42.0	46.6	80.4	87.7	94.1	105.9	265.8	296.8	337.0	369.0	430.2
87.5°	6.4	4.6	13.7	19.2	30.1	31.1	91.3	108.7	117.8	141.6	147.0
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4
2.5°	1514.3	1515.2	1516.2	1514.3	1515.2	1515.2	1513.4	1512.5	1512.5	1512.5	1513.4
5°	1543.6	1545.4	1543.6	1544.5	1548.1	1547.2	1545.4	1544.5	1548.1	1549.0	1546.3
7.5°	1595.6	1596.5	1592.9	1597.4	1599.3	1600.2	1600.2	1602.0	1602.0	1604.8	1602.0
10°	1662.3	1662.3	1668.7	1667.8	1668.7	1670.5	1671.4	1675.1	1677.8	1677.8	1679.7
12.5°	1739.0	1739.9	1746.3	1747.2	1750.9	1751.8	1757.3	1753.6	1762.8	1762.8	1765.5
15°	1818.5	1824.9	1825.8	1834.9	1836.7	1837.7	1845.0	1845.0	1851.4	1852.3	1854.1
17.5°	1897.0	1902.5	1906.2	1913.5	1919.9	1922.6	1925.3	1930.8	1935.4	1937.2	1941.8
20°	1964.6	1970.1	1973.8	1981.1	1986.5	1991.1	1993.8	2000.2	2004.8	2006.6	2013.0
22.5°	2021.2	2024.9	2031.3	2041.3	2043.2	2048.6	2056.9	2061.4	2063.3	2068.7	2076.0
25°	2081.5	2087.0	2090.7	2099.8	2107.1	2116.2	2123.5	2130.8	2132.7	2140.0	2146.4
27.5°	2161.9	2167.4	2168.3	2186.6	2193.9	2206.7	2214.9	2225.8	2231.3	2237.7	2250.5
30°	2280.6	2293.4	2298.9	2319.9	2323.6	2338.2	2352.8	2356.4	2364.7	2365.6	2386.6
32.5°	2462.4	2480.7	2488.0	2509.9	2515.4	2529.1	2537.3	2556.5	2557.4	2566.5	2571.1
35°	2760.1	2755.6	2783.9	2789.4	2805.8	2817.7	2825.9	2825.9	2843.3	2844.2	2849.7
37.5°	3166.6	3157.5	3164.8	3131.9	3140.1	3125.5	3122.7	3126.4	3119.1	3120.9	3120.0
40°	3816.9	3775.8	3732.9	3631.5	3609.6	3567.5	3534.7	3508.2	3482.6	3455.2	3436.9
42.5°	4632.5	4573.1	4509.2	4346.6	4270.8	4189.5	4110.1	4064.4	3973.1	3917.4	3887.2
45°	5487.4	5418.0	5328.5	5193.3	5085.5	4998.8	4853.5	4785.0	4643.5	4573.1	4478.2
47.5°	6187.9	6188.9	6116.7	5979.7	5864.6	5807.1	5716.7	5584.2	5423.5	5333.1	5164.1
50°	6800.8	6799.9	6795.3	6713.1	6632.8	6569.7	6490.3	6370.6	6239.1	6136.8	5943.2
52.5°	7253.8	7314.1	7339.7	7338.8	7328.7	7299.5	7239.2	7136.0	7002.7	6945.1	6790.8
55°	7628.3	7759.8	7828.3	7978.1	7991.8	8040.2	7987.2	7988.2	7909.6	7915.1	7865.8
57.5°	8195.5	8435.7	8573.6	8905.2	9071.4	9272.3	9236.7	9404.8	9466.0	9543.6	9646.8
60°	8839.4	9287.9	9614.8	10274.3	10542.8	10868.0	11047.0	11237.9	11376.7	11519.2	11624.2
62.5°	9299.7	9888.8	10425.9	11365.7	11714.6	12057.1	12282.7	12513.8	12670.0	12772.3	12848.1
65°	9111.6	9762.8	10397.6	11383.1	11763.0	12011.5	12280.0	12413.3	12569.5	12654.5	12763.2
67.5°	7742.5	8395.5	9076.0	10238.7	10636.0	10979.4	11188.5	11361.2	11487.2	11595.0	11720.1
70°	5757.8	6472.0	7175.3	8450.3	8951.7	9447.7	9694.3	9908.0	10039.5	10148.2	10286.2
72.5°	4143.9	4591.4	5030.7	6458.3	6959.7	7600.9	7856.6	8094.1	8264.9	8259.4	8405.6
75°	3299.0	3480.8	3676.2	4413.3	4773.2	5313.9	5457.3	5590.6	5510.2	5355.9	5346.8
77.5°	2746.4	2821.3	2887.1	3118.2	3171.2	3299.9	3228.7	3154.7	2916.3	2715.4	2609.4
80°	2229.5	2377.5	2474.3	2638.7	2706.3	2744.6	2754.7	2729.1	2641.4	2519.9	2326.3
82.5°	1657.7	1939.0	2130.8	2454.2	2572.9	2597.6	2645.1	2615.8	2558.3	2459.7	2320.8
85°	485.9	549.8	630.2	854.9	1001.9	1127.1	1254.9	1318.0	1357.2	1302.4	1159.0
87.5°	170.8	192.7	215.6	296.8	316.0	381.8	374.5	442.1	444.8	464.0	443.9
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4
2.5°	1512.5	1512.5	1512.5	1513.4	1513.4	1513.4	1511.6	1510.7	1511.6	1513.4	1513.4
5°	1548.1	1549.0	1550.9	1547.2	1548.1	1550.9	1549.0	1548.1	1549.0	1550.9	1549.0
7.5°	1605.7	1606.6	1604.8	1608.4	1608.4	1610.2	1613.0	1610.2	1611.2	1612.1	1613.0
10°	1680.6	1681.5	1683.3	1686.0	1687.0	1688.8	1690.6	1693.4	1693.4	1691.5	1696.1
12.5°	1770.1	1769.2	1771.0	1774.6	1776.5	1779.2	1784.7	1784.7	1788.3	1787.4	1792.0
15°	1857.8	1862.3	1863.2	1869.6	1872.4	1876.9	1883.3	1887.0	1887.0	1892.5	1894.3
17.5°	1945.4	1949.1	1952.7	1958.2	1961.9	1964.6	1971.9	1976.5	1975.6	1985.6	1985.6
20°	2013.0	2020.3	2024.9	2028.6	2034.9	2039.5	2045.0	2050.5	2054.1	2060.5	2062.3
22.5°	2078.8	2083.4	2089.7	2094.3	2101.6	2107.1	2113.5	2118.1	2124.5	2132.7	2135.4
25°	2151.9	2159.2	2166.5	2172.9	2178.3	2184.7	2195.7	2205.7	2214.9	2222.2	2224.9
27.5°	2253.2	2261.5	2272.4	2277.0	2285.2	2290.7	2307.1	2319.9	2324.5	2337.3	2340.9
30°	2390.2	2399.4	2410.3	2415.8	2430.4	2437.7	2455.1	2468.8	2473.4	2488.9	2491.6
32.5°	2588.4	2593.9	2615.8	2614.9	2635.0	2656.0	2666.1	2677.0	2697.1	2705.3	2708.1
35°	2863.4	2876.1	2891.7	2890.8	2916.3	2928.2	2948.3	2960.2	2974.8	2973.9	2989.4
37.5°	3129.1	3133.7	3139.2	3151.1	3169.3	3185.8	3193.1	3204.9	3215.9	3232.3	3252.4
40°	3418.7	3429.6	3430.5	3436.9	3446.1	3467.1	3480.8	3493.6	3531.0	3554.8	3566.6
42.5°	3852.5	3849.8	3831.5	3843.4	3848.9	3880.8	3890.9	3930.1	3972.2	4022.4	4036.1
45°	4410.6	4374.0	4363.1	4358.5	4387.7	4404.2	4445.3	4518.3	4562.2	4609.7	4632.5
47.5°	5097.4	4983.2	4929.4	4917.5	4947.6	5017.9	5031.6	5103.8	5161.3	5196.1	5218.9
50°	5785.2	5695.7	5582.4	5544.0	5535.8	5600.7	5616.2	5676.5	5734.9	5745.0	5733.1
52.5°	6649.2	6503.1	6315.8	6248.2	6194.3	6198.9	6211.7	6237.3	6274.7	6259.2	6227.2
55°	7754.3	7588.1	7495.9	7368.0	7286.7	7272.1	7216.4	7139.7	7136.9	7147.0	7051.1
57.5°	9594.7	9525.3	9564.6	9550.9	9470.5	9518.9	9267.8	9196.5	9139.9	9041.3	8952.7
60°	11717.4	11788.6	11869.9	12057.1	12048.9	12237.1	12062.6	12018.8	11965.8	11661.7	11512.8
62.5°	12980.5	13008.8	13128.5	13302.9	13474.7	13654.6	13735.9	13764.2	13653.7	13405.2	13094.7
65°	12760.4	12885.5	13001.5	13152.2	13328.5	13508.5	13680.2	13780.6	13755.1	13590.7	13249.1
67.5°	11760.3	11891.8	12061.7	12219.7	12409.7	12565.9	12754.0	12938.5	12944.0	12861.8	12624.3
70°	10300.8	10453.3	10628.7	10717.3	10922.8	11064.3	11220.5	11403.2	11462.5	11472.6	11195.8
72.5°	8374.5	8438.4	8524.3	8477.7	8518.8	8609.2	8567.2	8581.8	8356.2	8398.3	8056.7
75°	5100.1	5041.7	4782.3	4545.7	4257.1	4035.2	4088.2	3664.4	3247.0	3226.0	2924.5
77.5°	2586.6	2493.4	2332.7	2165.6	1920.8	1640.4	1406.6	1154.5	941.7	820.2	704.2
80°	2203.0	2137.2	2048.6	1927.2	1749.1	1541.7	1297.9	1106.1	928.0	742.6	594.6
82.5°	2108.0	1907.1	1778.3	1676.9	1484.2	1292.4	1159.0	1027.5	901.5	787.3	623.8
85°	1045.8	925.2	782.7	694.1	534.3	418.3	391.8	322.4	300.5	232.0	195.5
87.5°	351.6	287.7	214.6	180.8	144.3	117.8	116.0	103.2	102.3	93.2	85.9
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4
2.5°	1512.5	1514.3	1514.3	1512.5	1513.4	1511.6	1512.5	1513.4	1510.7	1509.8	1507.0
5°	1550.0	1549.0	1549.0	1550.0	1552.7	1553.6	1549.0	1550.9	1551.8	1547.2	1537.2
7.5°	1612.1	1612.1	1614.8	1613.9	1619.4	1617.5	1616.6	1616.6	1616.6	1607.5	1591.1
10°	1696.1	1696.1	1698.8	1702.5	1703.4	1701.6	1701.6	1702.5	1707.1	1688.8	1663.2
12.5°	1790.2	1794.7	1793.8	1793.8	1804.8	1802.0	1798.4	1802.0	1806.6	1781.0	1744.5
15°	1895.2	1897.9	1899.8	1906.2	1904.3	1910.7	1912.6	1910.7	1915.3	1882.4	1821.2
17.5°	1990.2	1995.7	1997.5	2004.8	2004.8	2005.7	2013.0	2010.3	2011.2	1973.8	1886.1
20°	2068.7	2074.2	2077.0	2085.2	2087.0	2090.7	2093.4	2095.2	2099.8	2055.0	1939.0
22.5°	2147.3	2151.9	2156.4	2161.9	2169.2	2173.8	2177.4	2179.3	2187.5	2135.4	1989.3
25°	2235.0	2245.0	2249.6	2258.7	2266.0	2273.3	2278.8	2279.7	2293.4	2228.6	2030.4
27.5°	2351.9	2365.6	2372.9	2387.5	2394.8	2402.1	2400.3	2411.2	2430.4	2335.4	2062.3
30°	2505.3	2522.7	2527.2	2541.9	2553.7	2561.0	2569.3	2578.4	2591.2	2454.2	2077.9
32.5°	2719.0	2745.5	2751.9	2760.1	2777.5	2790.3	2795.8	2810.4	2814.0	2566.5	2073.3
35°	3012.2	3000.4	3031.4	3038.7	3063.4	3073.4	3079.8	3099.0	3084.4	2688.9	2043.2
37.5°	3277.1	3273.4	3303.6	3320.0	3352.0	3344.7	3360.2	3373.0	3320.9	2775.7	1987.5
40°	3600.4	3595.9	3637.9	3643.4	3692.7	3681.7	3688.1	3698.2	3582.2	2836.0	1886.1
42.5°	4051.6	4053.4	4098.2	4103.7	4110.1	4130.2	4097.3	4099.1	3859.8	2852.4	1718.9
45°	4646.2	4678.2	4650.8	4651.7	4649.9	4611.5	4570.4	4522.0	4148.4	2795.8	1503.4
47.5°	5222.5	5200.6	5165.9	5133.9	5107.5	5047.2	4986.9	4904.7	4397.8	2661.5	1263.2
50°	5715.7	5666.4	5635.4	5546.8	5483.8	5405.2	5321.2	5227.1	4602.4	2467.9	1038.5
52.5°	6174.2	6123.1	6007.1	5914.9	5824.4	5720.3	5622.6	5512.1	4783.2	2246.8	866.8
55°	6936.0	6891.2	6775.2	6606.3	6494.8	6351.4	6222.7	6072.9	5149.5	2067.8	753.5
57.5°	8708.8	8670.4	8426.6	8319.7	8172.7	7812.8	7759.8	7526.0	6131.3	2046.8	686.8
60°	11205.0	11040.6	10837.8	10545.5	10201.2	10082.5	9817.6	9506.2	7711.4	2104.4	633.0
62.5°	12737.6	12363.1	12065.4	11728.3	11411.4	11139.2	10849.7	10541.9	8519.7	2028.6	566.3
65°	12852.7	12412.4	12018.8	11623.3	11267.1	10928.2	10646.9	10339.1	8256.7	1743.6	479.5
67.5°	12218.8	11754.8	11325.5	10877.1	10517.2	10211.3	9853.2	9557.3	7515.0	1357.2	399.1
70°	10911.8	10504.4	10134.5	9651.4	9352.7	8980.1	8752.6	8382.7	6550.5	925.2	329.7
72.5°	7859.4	7552.5	7431.9	7094.9	6704.0	6484.8	6379.8	6020.8	4840.8	574.5	269.4
75°	2655.1	2730.9	2557.4	2291.6	2421.3	2221.3	2302.6	2131.8	2047.7	329.7	226.5
77.5°	589.1	553.5	511.5	474.9	472.2	443.9	470.4	444.8	475.9	210.1	200.0
80°	464.9	367.2	312.4	285.0	270.4	262.1	255.7	248.4	226.5	179.0	184.5
82.5°	502.3	379.0	277.7	221.9	190.0	178.1	175.4	168.1	166.2	173.5	186.3
85°	160.7	134.3	114.2	107.8	99.6	95.0	93.2	90.4	109.6	189.1	179.0
87.5°	84.0	74.0	65.8	63.0	54.8	51.1	50.2	51.1	76.7	189.1	129.7
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):

	125°	135°	145°	155°	165°	175°	180°
0°	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4	1503.4
2.5°	1504.3	1503.4	1501.5	1500.6	1499.7	1495.2	1498.8
5°	1532.6	1523.5	1515.2	1505.2	1499.7	1495.2	1495.2
7.5°	1575.5	1550.0	1528.9	1506.1	1490.6	1478.7	1476.9
10°	1629.4	1580.1	1531.7	1490.6	1461.4	1439.4	1436.7
12.5°	1680.6	1605.7	1528.9	1461.4	1415.7	1384.6	1382.8
15°	1728.1	1619.4	1507.9	1408.4	1339.9	1298.8	1294.2
17.5°	1765.5	1611.2	1460.4	1334.4	1241.2	1192.8	1190.1
20°	1773.7	1578.3	1392.9	1243.1	1144.4	1093.3	1081.4
22.5°	1766.4	1518.9	1308.8	1142.6	1029.3	978.2	971.8
25°	1744.5	1446.7	1204.7	1025.7	920.7	868.6	855.8
27.5°	1705.2	1361.8	1092.4	912.4	808.3	758.1	745.3
30°	1646.8	1259.5	972.7	806.5	698.7	658.5	645.7
32.5°	1565.5	1135.3	854.9	697.8	608.3	576.3	570.8
35°	1453.1	992.8	731.6	608.3	542.5	523.3	520.6
37.5°	1309.7	850.3	628.4	544.4	496.9	485.0	483.2
40°	1122.5	704.2	555.3	498.7	464.0	453.9	452.1
42.5°	929.8	594.6	501.4	462.2	433.8	424.7	422.0
45°	760.8	520.6	461.2	432.0	405.5	395.5	394.6
47.5°	634.8	477.7	428.4	404.6	378.1	366.3	367.2
50°	542.5	438.4	401.0	380.9	350.7	339.8	340.7
52.5°	479.5	399.1	375.4	352.6	327.0	316.0	316.0
55°	430.2	367.2	350.7	326.1	306.0	295.9	295.0
57.5°	390.0	341.6	327.0	306.9	286.8	274.9	274.9
60°	365.3	323.3	311.5	293.2	269.4	256.7	255.7
62.5°	350.7	317.8	307.8	282.2	255.7	243.0	240.2
65°	339.8	330.6	317.8	275.8	244.8	231.1	228.3
67.5°	340.7	360.8	342.5	279.5	241.1	221.0	217.4
70°	346.2	384.5	359.9	287.7	256.7	216.5	208.2
72.5°	318.8	348.0	324.2	274.0	250.3	208.2	198.2
75°	265.8	253.9	232.9	222.9	224.7	189.1	185.4
77.5°	215.6	189.1	169.0	177.2	189.1	161.7	158.0
80°	187.2	153.4	143.4	157.1	171.7	137.9	128.8
82.5°	175.4	129.7	123.3	163.5	179.9	118.7	104.1
85°	154.4	105.9	96.8	192.7	179.9	89.5	83.1
87.5°	103.2	63.0	60.3	141.6	123.3	62.1	50.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)