

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: P158134

Luminaire Tested: **VTS-F06-LED-E1-SL2-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P158134
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-F06-LED-E1-SL2-7030
Description: VENTUS LED SITE LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (42) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13611.5 lumens
Efficiency: N/A
Efficacy: 87.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B2 - U0 - G2

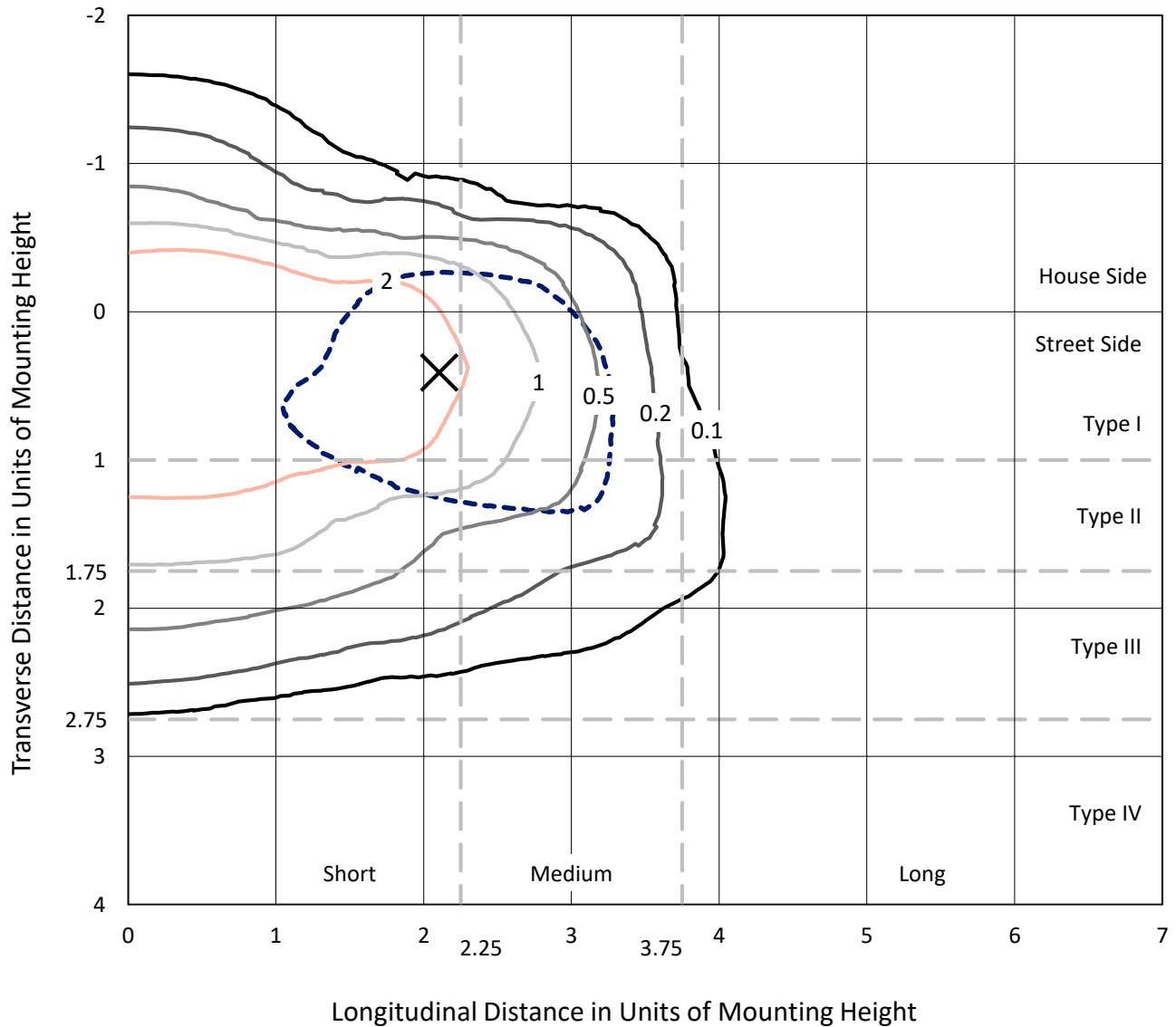
Input Watts (W): 156.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

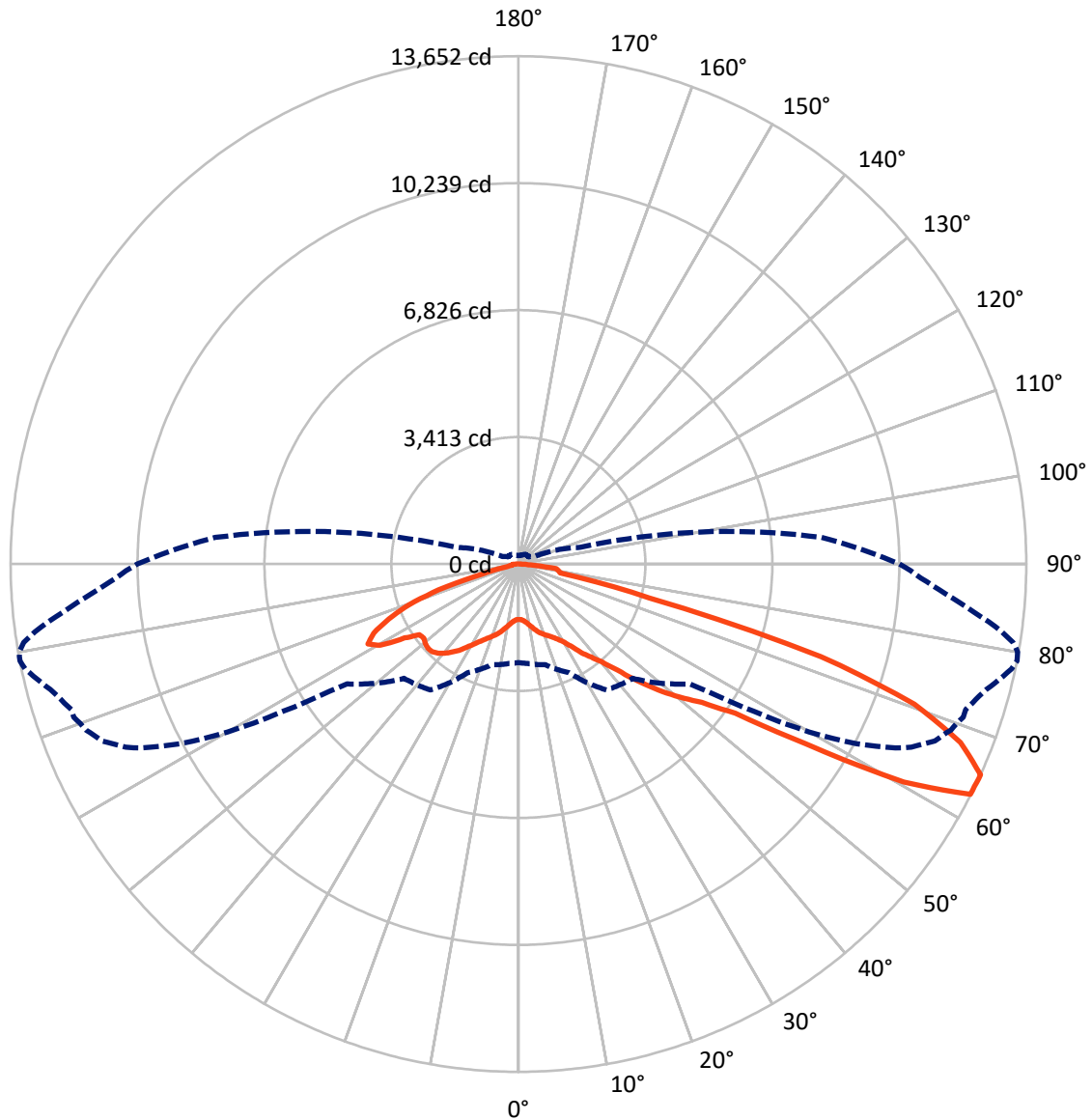
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.8 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	3127.7	0.0	3127.7
	% Fixture	23.0	0.0	23.0
Street Side	Lumens	10483.9	0.0	10483.9
	% Fixture	77.0	0.0	77.0
Total	Lumens	13611.5	0.0	13611.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	147.3	1.1
10°-20°	478.5	3.5
20°-30°	825.0	6.1
30°-40°	1351.3	9.9
40°-50°	2263.0	16.6
50°-60°	3061.0	22.5
60°-70°	3769.6	27.7
70°-80°	1459.2	10.7
80°-90°	256.6	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°	13611.5	100.0
0°-180°	13611.5	100.0

Coefficient of Utilization



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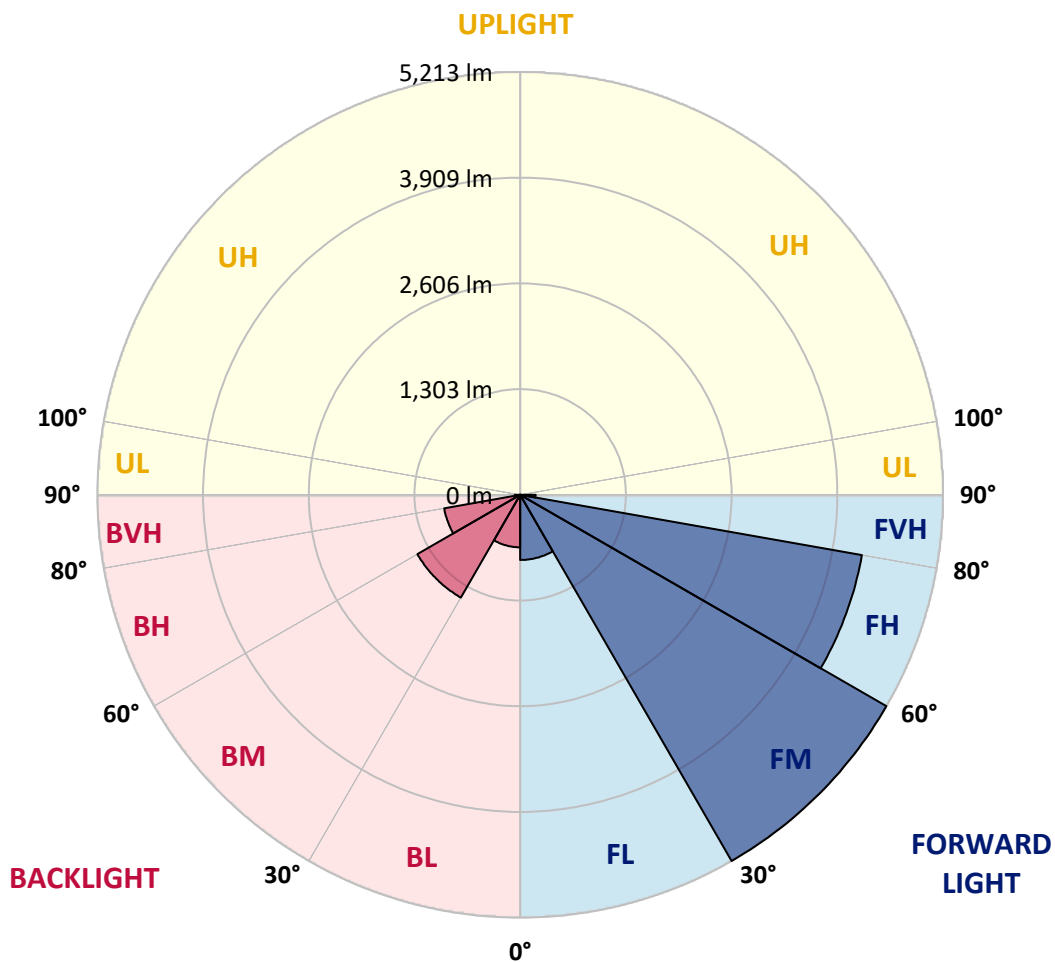
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	803.6	5.9			
FM (30°-60°)	5212.6	38.3			
FH (60°-80°)	4277.2	31.4			G2/5000
FVH (80°-90°)	190.4	1.4			G2/225
BL (0°-30°)	647.3	4.8	B2/1000		
BM (30°-60°)	1462.6	10.7	B2/2500		
BH (60°-80°)	951.5	7.0	B2/1000		G2/1000
BVH (80°-90°)	66.2	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°	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3
2.5°	1492.0	1487.5	1492.0	1495.6	1498.3	1502.0	1501.1	1500.1	1499.2	1500.1	1500.1
5°	1504.7	1503.8	1508.3	1511.9	1518.2	1522.8	1528.2	1528.2	1528.2	1527.3	1529.1
7.5°	1545.4	1544.5	1549.0	1552.6	1558.1	1567.1	1574.3	1578.0	1577.1	1577.1	1577.1
10°	1612.3	1608.7	1608.7	1608.7	1616.0	1622.3	1638.6	1640.4	1644.0	1642.2	1643.1
12.5°	1677.5	1678.4	1675.7	1673.0	1673.9	1686.5	1710.1	1714.6	1715.5	1718.2	1720.0
15°	1736.3	1735.4	1729.1	1722.7	1730.9	1752.6	1783.3	1791.5	1791.5	1796.9	1800.5
17.5°	1790.6	1788.8	1777.0	1766.2	1774.3	1811.4	1859.3	1864.8	1872.9	1875.6	1879.3
20°	1854.8	1851.2	1837.6	1808.7	1808.7	1859.3	1922.7	1928.1	1935.4	1937.2	1943.5
22.5°	1944.4	1935.4	1906.4	1853.9	1839.4	1898.3	1976.1	1978.8	1984.2	1991.4	1996.9
25°	2045.7	2047.5	2000.5	1909.1	1877.4	1939.0	2027.6	2032.2	2042.1	2047.5	2053.9
27.5°	2150.7	2153.4	2100.9	1986.9	1933.5	1995.1	2097.3	2102.7	2114.5	2120.8	2130.8
30°	2270.1	2273.7	2223.1	2108.2	2026.7	2077.4	2200.5	2214.9	2224.9	2233.0	2249.3
32.5°	2556.9	2535.2	2499.9	2377.8	2249.3	2245.7	2366.9	2383.2	2396.8	2414.0	2429.4
35°	2918.0	2931.5	2949.6	2867.3	2754.2	2671.9	2681.8	2672.8	2685.4	2710.8	2726.1
37.5°	3203.9	3233.7	3312.4	3365.8	3361.3	3345.0	3193.0	3193.0	3201.2	3187.6	3185.8
40°	3428.3	3447.3	3608.3	3815.5	3990.1	4076.1	3955.8	3938.6	3947.6	3877.9	3880.7
42.5°	3544.1	3572.1	3803.7	4167.5	4514.0	4790.0	4752.9	4741.1	4714.0	4696.8	4685.9
45°	3602.9	3636.4	3912.3	4411.8	4916.6	5342.8	5534.6	5532.8	5508.4	5488.5	5479.4
47.5°	3573.0	3602.0	3896.0	4486.0	5128.4	5699.3	6123.6	6149.9	6142.6	6171.6	6183.3
50°	3377.6	3414.7	3709.6	4325.8	5039.7	5839.5	6531.7	6580.6	6646.6	6688.2	6743.4
52.5°	3201.2	3231.9	3497.9	4066.1	4748.3	5725.5	6777.8	6878.2	6968.7	7053.8	7119.8
55°	3016.6	3047.3	3280.8	3796.5	4454.3	5388.9	6890.0	7036.6	7177.7	7321.6	7453.7
57.5°	2946.9	2979.5	3153.2	3587.5	4213.6	5055.1	6945.2	7185.9	7415.7	7660.0	7913.3
60°	3127.9	3156.8	3288.9	3592.9	4029.9	4721.2	6833.9	7212.1	7607.5	8010.1	8399.2
62.5°	3072.7	3088.1	3252.7	3724.1	4264.3	4391.9	6351.6	6851.1	7425.6	8015.6	8611.8
65°	2651.0	2680.9	2804.9	3219.3	4133.1	4347.5	5616.9	6119.1	6796.8	7494.4	8293.3
67.5°	1901.9	1860.3	1956.2	2319.0	3206.6	4340.3	4790.0	5161.8	5693.0	6227.7	6882.8
70°	864.1	844.2	919.3	1206.1	1934.4	3430.1	4049.8	4175.6	4372.9	4733.0	5175.4
72.5°	341.1	340.2	389.1	498.5	914.7	2207.7	3405.6	3478.0	3547.7	3704.2	3895.1
75°	223.5	223.5	238.0	268.7	450.6	1065.8	2880.9	2946.9	3053.7	3098.0	3179.4
77.5°	168.3	169.2	175.5	182.8	248.8	561.0	2033.1	2267.4	2448.4	2583.2	2681.8
80°	119.4	124.9	136.6	141.1	162.0	319.4	1149.1	1318.3	1522.8	1740.8	2015.0
82.5°	89.6	95.9	115.8	121.2	128.5	181.9	518.4	588.1	686.7	890.3	1280.3
85°	41.6	46.1	79.6	86.9	93.2	105.0	263.3	294.1	333.9	365.5	426.2
87.5°	6.3	4.5	13.6	19.0	29.9	30.8	90.5	107.7	116.7	140.2	145.7
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3
2.5°	1500.1	1501.1	1502.0	1500.1	1501.1	1501.1	1499.2	1498.3	1498.3	1498.3	1499.2
5°	1529.1	1530.9	1529.1	1530.0	1533.6	1532.7	1530.9	1530.0	1533.6	1534.5	1531.8
7.5°	1580.7	1581.6	1578.0	1582.5	1584.3	1585.2	1585.2	1587.0	1587.0	1589.7	1587.0
10°	1646.7	1646.7	1653.1	1652.2	1653.1	1654.9	1655.8	1659.4	1662.1	1662.1	1663.9
12.5°	1722.7	1723.6	1730.0	1730.9	1734.5	1735.4	1740.8	1737.2	1746.2	1746.2	1749.0
15°	1801.4	1807.8	1808.7	1817.7	1819.5	1820.4	1827.7	1827.7	1834.0	1834.9	1836.7
17.5°	1879.3	1884.7	1888.3	1895.5	1901.9	1904.6	1907.3	1912.7	1917.3	1919.1	1923.6
20°	1946.2	1951.6	1955.3	1962.5	1967.9	1972.4	1975.2	1981.5	1986.0	1987.8	1994.2
22.5°	2002.3	2005.9	2012.3	2022.2	2024.0	2029.4	2037.6	2042.1	2043.9	2049.4	2056.6
25°	2062.0	2067.5	2071.1	2080.1	2087.4	2096.4	2103.6	2110.9	2112.7	2119.9	2126.3
27.5°	2141.6	2147.1	2148.0	2166.1	2173.3	2186.0	2194.1	2205.0	2210.4	2216.7	2229.4
30°	2259.3	2271.9	2277.4	2298.2	2301.8	2316.3	2330.7	2334.4	2342.5	2343.4	2364.2
32.5°	2439.3	2457.4	2464.7	2486.4	2491.8	2505.4	2513.5	2532.5	2533.4	2542.5	2547.0
35°	2734.3	2729.8	2757.8	2763.2	2779.5	2791.3	2799.4	2799.4	2816.6	2817.5	2823.0
37.5°	3136.9	3127.9	3135.1	3102.5	3110.7	3096.2	3093.5	3097.1	3089.9	3091.7	3090.8
40°	3781.1	3740.4	3697.9	3597.5	3575.7	3534.1	3501.5	3475.3	3450.0	3422.8	3404.7
42.5°	4589.1	4530.3	4467.0	4305.9	4230.8	4150.3	4071.6	4026.3	3935.8	3880.7	3850.8
45°	5436.0	5367.2	5278.6	5144.6	5037.9	4951.9	4808.1	4740.2	4600.0	4530.3	4436.2
47.5°	6130.0	6130.9	6059.4	5923.7	5809.7	5752.7	5663.1	5531.9	5372.7	5283.1	5115.7
50°	6737.1	6736.2	6731.7	6650.2	6570.6	6508.2	6429.5	6310.9	6180.6	6079.3	5887.5
52.5°	7185.9	7245.6	7270.9	7270.0	7260.1	7231.1	7171.4	7069.1	6937.0	6880.0	6727.1
55°	7556.8	7687.1	7755.0	7903.4	7916.9	7964.9	7912.4	7913.3	7835.5	7840.9	7792.1
57.5°	8118.7	8356.7	8493.3	8821.7	8986.4	9185.5	9150.2	9316.6	9377.3	9454.2	9556.4
60°	8756.6	9200.8	9524.7	10178.0	10444.0	10766.1	10943.5	11132.6	11270.1	11411.2	11515.3
62.5°	9212.6	9796.2	10328.2	11259.2	11604.9	11944.2	12167.6	12396.6	12551.3	12652.6	12727.7
65°	9026.2	9671.3	10300.2	11276.4	11652.8	11898.9	12164.9	12297.0	12451.7	12535.9	12643.6
67.5°	7669.9	8316.8	8990.9	10142.7	10536.3	10876.5	11083.7	11254.7	11379.6	11486.3	11610.3
70°	5703.8	6411.4	7108.0	8371.1	8867.9	9359.2	9603.5	9815.2	9945.5	10053.1	10189.8
72.5°	4105.0	4548.4	4983.6	6397.8	6894.5	7529.7	7783.0	8018.3	8187.5	8182.0	8326.8
75°	3268.1	3448.2	3641.8	4372.0	4728.4	5264.1	5406.1	5538.2	5458.6	5305.7	5296.7
77.5°	2720.7	2794.9	2860.0	3089.0	3141.4	3269.0	3198.4	3125.2	2889.0	2689.9	2585.0
80°	2208.6	2355.2	2451.1	2613.9	2680.9	2718.9	2728.9	2703.5	2616.7	2496.3	2304.5
82.5°	1642.2	1920.9	2110.9	2431.2	2548.8	2573.2	2620.3	2591.3	2534.3	2436.6	2299.1
85°	481.3	544.7	624.3	846.9	992.6	1116.5	1243.2	1305.6	1344.5	1290.2	1148.2
87.5°	169.2	190.9	213.5	294.1	313.1	378.2	371.0	437.9	440.6	459.6	439.7
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3
2.5°	1498.3	1498.3	1498.3	1499.2	1499.2	1499.2	1497.4	1496.5	1497.4	1499.2	1499.2
5°	1533.6	1534.5	1536.3	1532.7	1533.6	1536.3	1534.5	1533.6	1534.5	1536.3	1534.5
7.5°	1590.6	1591.5	1589.7	1593.3	1593.3	1595.1	1597.9	1595.1	1596.1	1597.0	1597.9
10°	1664.8	1665.7	1667.5	1670.2	1671.2	1673.0	1674.8	1677.5	1677.5	1675.7	1680.2
12.5°	1753.5	1752.6	1754.4	1758.0	1759.8	1762.5	1768.0	1768.0	1771.6	1770.7	1775.2
15°	1840.3	1844.9	1845.8	1852.1	1854.8	1859.3	1865.7	1869.3	1869.3	1874.7	1876.5
17.5°	1927.2	1930.8	1934.4	1939.9	1943.5	1946.2	1953.4	1958.0	1957.1	1967.0	1967.0
20°	1994.2	2001.4	2005.9	2009.5	2015.9	2020.4	2025.8	2031.3	2034.9	2041.2	2043.0
22.5°	2059.3	2063.8	2070.2	2074.7	2081.9	2087.4	2093.7	2098.2	2104.5	2112.7	2115.4
25°	2131.7	2138.9	2146.2	2152.5	2157.9	2164.3	2175.1	2185.1	2194.1	2201.4	2204.1
27.5°	2232.1	2240.3	2251.1	2255.6	2263.8	2269.2	2285.5	2298.2	2302.7	2315.4	2319.0
30°	2367.8	2376.9	2387.7	2393.2	2407.7	2414.9	2432.1	2445.7	2450.2	2465.6	2468.3
32.5°	2564.2	2569.6	2591.3	2590.4	2610.3	2631.1	2641.1	2651.9	2671.9	2680.0	2682.7
35°	2836.5	2849.2	2864.6	2863.7	2889.0	2900.8	2920.7	2932.4	2946.9	2946.0	2961.4
37.5°	3099.8	3104.3	3109.8	3121.5	3139.6	3155.9	3163.2	3174.9	3185.8	3202.1	3222.0
40°	3386.6	3397.5	3398.4	3404.7	3413.8	3434.6	3448.2	3460.8	3497.9	3521.5	3533.2
42.5°	3816.4	3813.7	3795.6	3807.4	3812.8	3844.5	3854.4	3893.3	3934.9	3984.7	3998.3
45°	4369.2	4333.0	4322.2	4317.7	4346.6	4362.9	4403.6	4476.0	4519.4	4566.5	4589.1
47.5°	5049.6	4936.5	4883.2	4871.4	4901.3	4970.9	4984.5	5056.0	5113.0	5147.4	5170.0
50°	5731.0	5642.3	5530.1	5492.1	5483.9	5548.2	5563.6	5623.3	5681.2	5691.1	5679.4
52.5°	6586.9	6442.1	6256.6	6189.7	6136.3	6140.8	6153.5	6178.8	6215.9	6200.5	6168.9
55°	7681.7	7517.0	7425.6	7299.0	7218.4	7204.0	7148.8	7072.8	7070.0	7080.0	6985.0
57.5°	9504.8	9436.1	9475.0	9461.4	9381.8	9429.7	9180.9	9110.4	9054.3	8956.5	8868.8
60°	11607.6	11678.2	11758.7	11944.2	11936.0	12122.4	11949.6	11906.2	11853.7	11552.4	11404.9
62.5°	12858.9	12887.0	13005.5	13178.3	13348.4	13526.6	13607.2	13635.2	13525.7	13279.6	12972.0
65°	12640.9	12764.8	12879.7	13029.0	13203.6	13381.9	13552.0	13651.5	13626.2	13463.3	13124.9
67.5°	11650.1	11780.4	11948.7	12105.2	12293.4	12448.1	12634.5	12817.3	12822.7	12741.3	12506.0
70°	10204.2	10355.3	10529.1	10616.8	10820.4	10960.7	11115.4	11296.3	11355.1	11365.1	11090.9
72.5°	8296.0	8359.4	8444.4	8398.3	8439.0	8528.6	8487.0	8501.4	8277.9	8319.6	7981.2
75°	5052.4	4994.5	4737.5	4503.2	4217.2	3997.4	4049.8	3630.0	3216.5	3195.7	2897.1
77.5°	2562.4	2470.1	2310.8	2145.3	1902.8	1625.0	1393.4	1143.7	932.8	812.5	697.6
80°	2182.4	2117.2	2029.4	1909.1	1732.7	1527.3	1285.7	1095.7	919.3	735.6	589.0
82.5°	2088.3	1889.2	1761.6	1661.2	1470.3	1280.3	1148.2	1017.9	893.0	779.9	618.0
85°	1036.0	916.6	775.4	687.6	529.3	414.4	388.2	319.4	297.7	229.8	193.6
87.5°	348.3	285.0	212.6	179.1	143.0	116.7	114.9	102.2	101.3	92.3	85.1
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°	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3
2.5°	1498.3	1500.1	1500.1	1498.3	1499.2	1497.4	1498.3	1499.2	1496.5	1495.6	1492.9
5°	1535.4	1534.5	1534.5	1535.4	1538.1	1539.1	1534.5	1536.3	1537.2	1532.7	1522.8
7.5°	1597.0	1597.0	1599.7	1598.8	1604.2	1602.4	1601.5	1601.5	1601.5	1592.4	1576.1
10°	1680.2	1680.2	1682.9	1686.5	1687.4	1685.6	1685.6	1686.5	1691.1	1673.0	1647.6
12.5°	1773.4	1777.9	1777.0	1777.0	1787.9	1785.2	1781.5	1785.2	1789.7	1764.3	1728.2
15°	1877.4	1880.2	1882.0	1888.3	1886.5	1892.8	1894.6	1892.8	1897.3	1864.8	1804.2
17.5°	1971.5	1977.0	1978.8	1986.0	1986.0	1986.9	1994.2	1991.4	1992.4	1955.3	1868.4
20°	2049.4	2054.8	2057.5	2065.6	2067.5	2071.1	2073.8	2075.6	2080.1	2035.8	1920.9
22.5°	2127.2	2131.7	2136.2	2141.6	2148.9	2153.4	2157.0	2158.8	2167.0	2115.4	1970.6
25°	2214.0	2224.0	2228.5	2237.6	2244.8	2252.0	2257.5	2258.4	2271.9	2207.7	2011.4
27.5°	2329.8	2343.4	2350.7	2365.1	2372.4	2379.6	2377.8	2388.7	2407.7	2313.6	2043.0
30°	2481.8	2499.0	2503.6	2518.0	2529.8	2537.0	2545.2	2554.2	2566.9	2431.2	2058.4
32.5°	2693.6	2719.8	2726.1	2734.3	2751.5	2764.1	2769.6	2784.0	2787.7	2542.5	2053.9
35°	2984.0	2972.2	3003.0	3010.2	3034.7	3044.6	3051.0	3070.0	3055.5	2663.7	2024.0
37.5°	3246.4	3242.8	3272.6	3288.9	3320.6	3313.3	3328.7	3341.4	3289.8	2749.7	1968.8
40°	3566.7	3562.2	3603.8	3609.2	3658.1	3647.2	3653.6	3663.5	3548.6	2809.4	1868.4
42.5°	4013.7	4015.5	4059.8	4065.2	4071.6	4091.5	4058.9	4060.7	3823.7	2825.7	1702.8
45°	4602.7	4634.3	4607.2	4608.1	4606.3	4568.3	4527.6	4479.6	4109.6	2769.6	1489.3
47.5°	5173.6	5151.9	5117.5	5085.8	5059.6	4999.9	4940.2	4858.7	4356.6	2636.6	1251.3
50°	5662.2	5613.3	5582.6	5494.8	5432.4	5354.6	5271.3	5178.1	4559.2	2444.7	1028.7
52.5°	6116.4	6065.7	5950.8	5859.4	5769.9	5666.7	5569.9	5460.4	4738.4	2225.8	858.6
55°	6871.0	6826.7	6711.7	6544.4	6434.0	6291.9	6164.3	6016.0	5101.2	2048.4	746.5
57.5°	8627.2	8589.2	8347.6	8241.8	8096.1	7739.6	7687.1	7455.5	6073.9	2027.6	680.4
60°	11100.0	10937.1	10736.3	10446.7	10105.6	9988.0	9725.6	9417.1	7639.2	2084.6	627.0
62.5°	12618.2	12247.3	11952.3	11618.4	11304.5	11034.8	10748.0	10443.1	8439.9	2009.5	561.0
65°	12732.2	12296.1	11906.2	11514.4	11161.5	10825.8	10547.2	10242.2	8179.3	1727.2	475.0
67.5°	12104.3	11644.7	11219.4	10775.2	10418.7	10115.6	9760.9	9467.7	7444.6	1344.5	395.4
70°	10809.6	10406.0	10039.6	9560.9	9265.1	8895.9	8670.6	8304.2	6489.2	916.6	326.6
72.5°	7785.7	7481.7	7362.3	7028.4	6641.2	6424.0	6320.0	5964.4	4795.4	569.1	266.9
75°	2630.2	2705.3	2533.4	2270.1	2398.6	2200.5	2281.0	2111.8	2028.5	326.6	224.4
77.5°	583.6	548.3	506.7	470.5	467.8	439.7	466.0	440.6	471.4	208.1	198.1
80°	460.5	363.7	309.4	282.3	267.8	259.7	253.3	246.1	224.4	177.3	182.8
82.5°	497.6	375.5	275.1	219.9	188.2	176.4	173.7	166.5	164.7	171.9	184.6
85°	159.2	133.0	113.1	106.8	98.6	94.1	92.3	89.6	108.6	187.3	177.3
87.5°	83.2	73.3	65.1	62.4	54.3	50.7	49.8	50.7	76.0	187.3	128.5
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):

	125°	135°	145°	155°	165°	175°	180°
0°	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3	1489.3
2.5°	1490.2	1489.3	1487.5	1486.6	1485.7	1481.1	1484.8
5°	1518.2	1509.2	1501.1	1491.1	1485.7	1481.1	1481.1
7.5°	1560.8	1535.4	1514.6	1492.0	1476.6	1464.9	1463.0
10°	1614.1	1565.3	1517.3	1476.6	1447.7	1426.0	1423.2
12.5°	1664.8	1590.6	1514.6	1447.7	1402.4	1371.7	1369.9
15°	1711.9	1604.2	1493.8	1395.2	1327.3	1286.6	1282.1
17.5°	1749.0	1596.1	1446.8	1321.9	1229.6	1181.7	1178.9
20°	1757.1	1563.5	1379.8	1231.4	1133.7	1083.0	1071.3
22.5°	1749.9	1504.7	1296.6	1131.9	1019.7	969.0	962.7
25°	1728.2	1433.2	1193.4	1016.1	912.0	860.5	847.8
27.5°	1689.2	1349.0	1082.1	903.9	800.7	751.0	738.3
30°	1631.3	1247.7	963.6	798.9	692.2	652.4	639.7
32.5°	1550.8	1124.7	846.9	691.3	602.6	570.9	565.5
35°	1439.5	983.5	724.7	602.6	537.4	518.4	515.7
37.5°	1297.5	842.4	622.5	539.3	492.2	480.4	478.6
40°	1112.0	697.6	550.1	494.0	459.6	449.7	447.9
42.5°	921.1	589.0	496.7	457.8	429.8	420.7	418.0
45°	753.7	515.7	456.9	428.0	401.7	391.8	390.9
47.5°	628.8	473.2	424.3	400.8	374.6	362.8	363.7
50°	537.4	434.3	397.2	377.3	347.4	336.6	337.5
52.5°	475.0	395.4	371.9	349.2	323.9	313.1	313.1
55°	426.2	363.7	347.4	323.0	303.1	293.2	292.2
57.5°	386.3	338.4	323.9	304.0	284.1	272.3	272.3
60°	361.9	320.3	308.5	290.4	266.9	254.2	253.3
62.5°	347.4	314.9	304.9	279.6	253.3	240.7	238.0
65°	336.6	327.5	314.9	273.2	242.5	228.9	226.2
67.5°	337.5	357.4	339.3	276.9	238.9	219.0	215.3
70°	342.9	380.9	356.5	285.0	254.2	214.4	206.3
72.5°	315.8	344.7	321.2	271.4	247.9	206.3	196.3
75°	263.3	251.5	230.7	220.8	222.6	187.3	183.7
77.5°	213.5	187.3	167.4	175.5	187.3	160.1	156.5
80°	185.5	152.0	142.1	155.6	170.1	136.6	127.6
82.5°	173.7	128.5	122.1	162.0	178.2	117.6	103.1
85°	152.9	105.0	95.9	190.9	178.2	88.7	82.3
87.5°	102.2	62.4	59.7	140.2	122.1	61.5	49.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)