

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: INVUE

Report Number: P150995

Luminaire Tested: **VXM-F06-LED-E1-SL3**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P150995
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33679)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: VXM-F06-LED-E1-SL3
Description: VISION SITE MEDIUM LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (42) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15038.6 lumens
Efficiency: N/A
Efficacy: 96.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B2 - U0 - G3

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

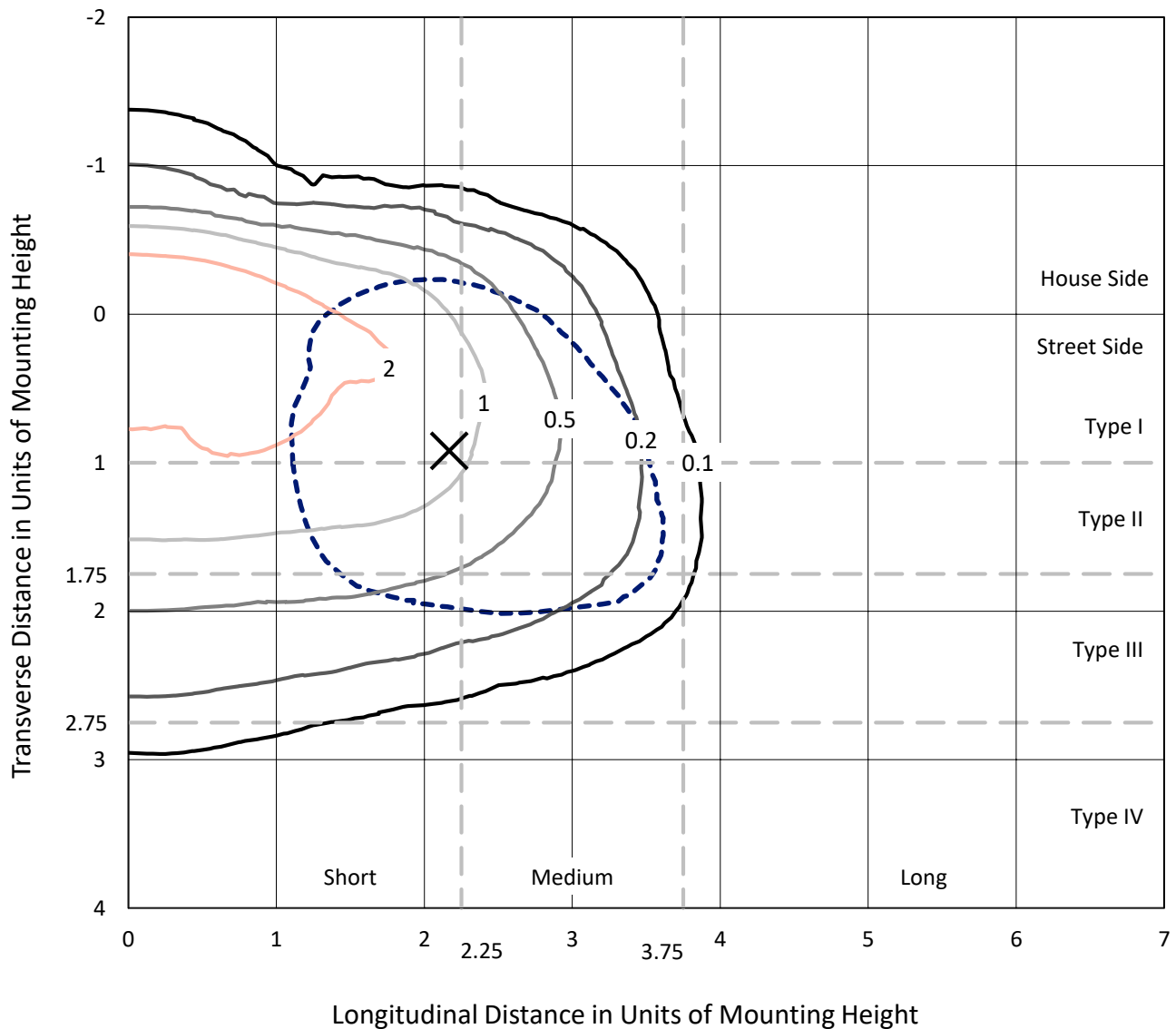


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

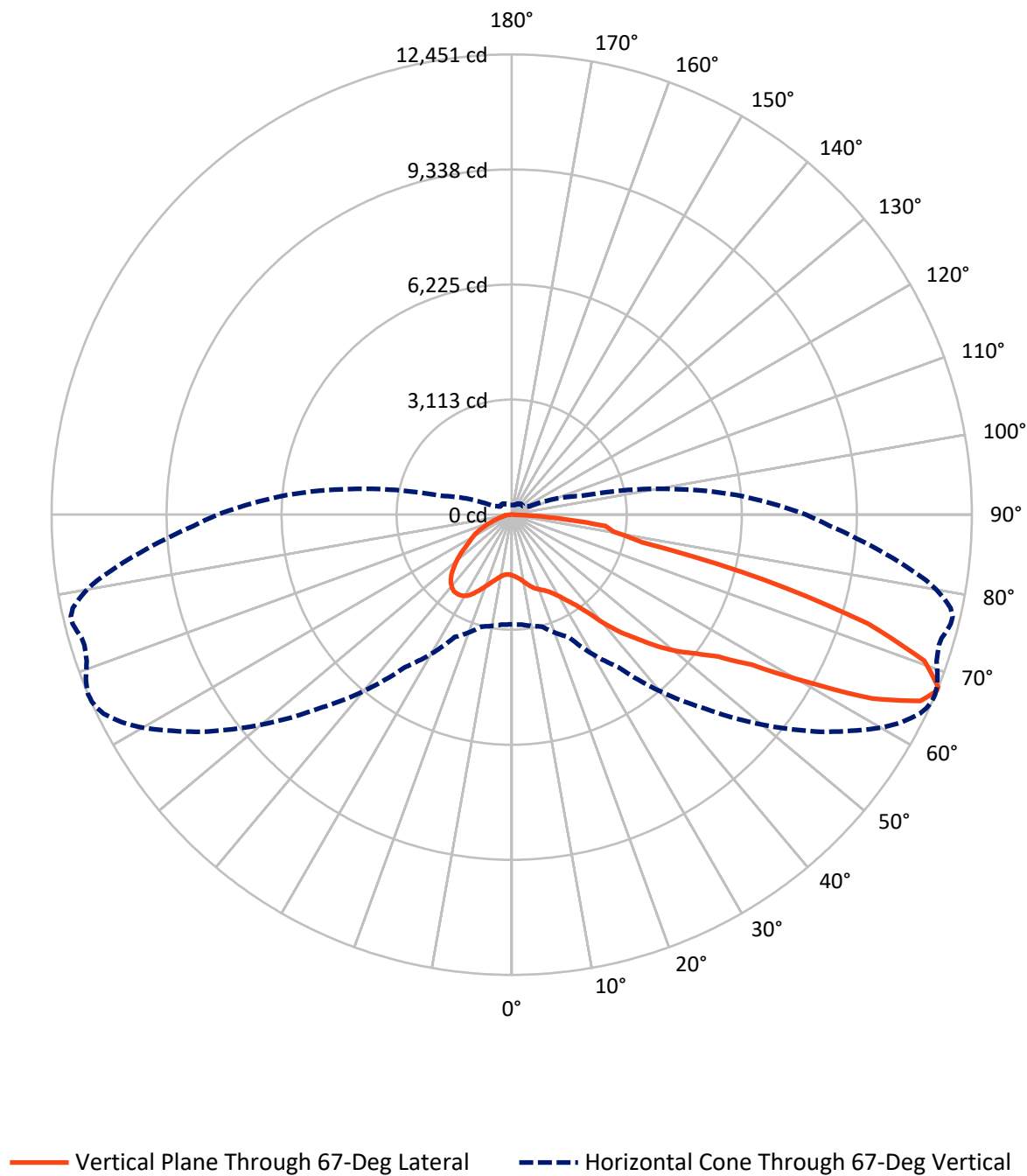


Based on 25 foot mounting height. Maximum calculated value = 3.4 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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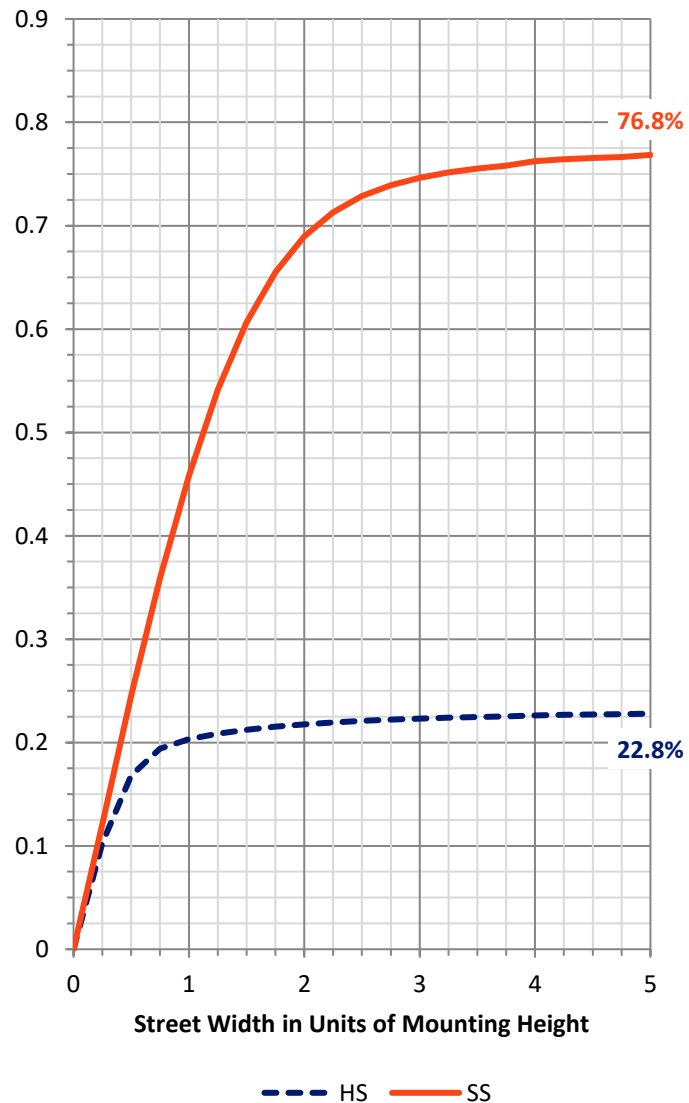
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3470.3	0.0	3470.3
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	11568.2	0.0	11568.2
	% Fixture	76.9	0.0	76.9
Total	Lumens	15038.6	0.0	15038.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.6	1.1
10°-20°	560.8	3.7
20°-30°	990.3	6.6
30°-40°	1421.4	9.5
40°-50°	2158.8	14.4
50°-60°	3178.5	21.1
60°-70°	4224.1	28.1
70°-80°	2066.6	13.7
80°-90°	274.4	1.8
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°	15038.6	100.0
0°-180°	15038.6	100.0

Coefficient of Utilization



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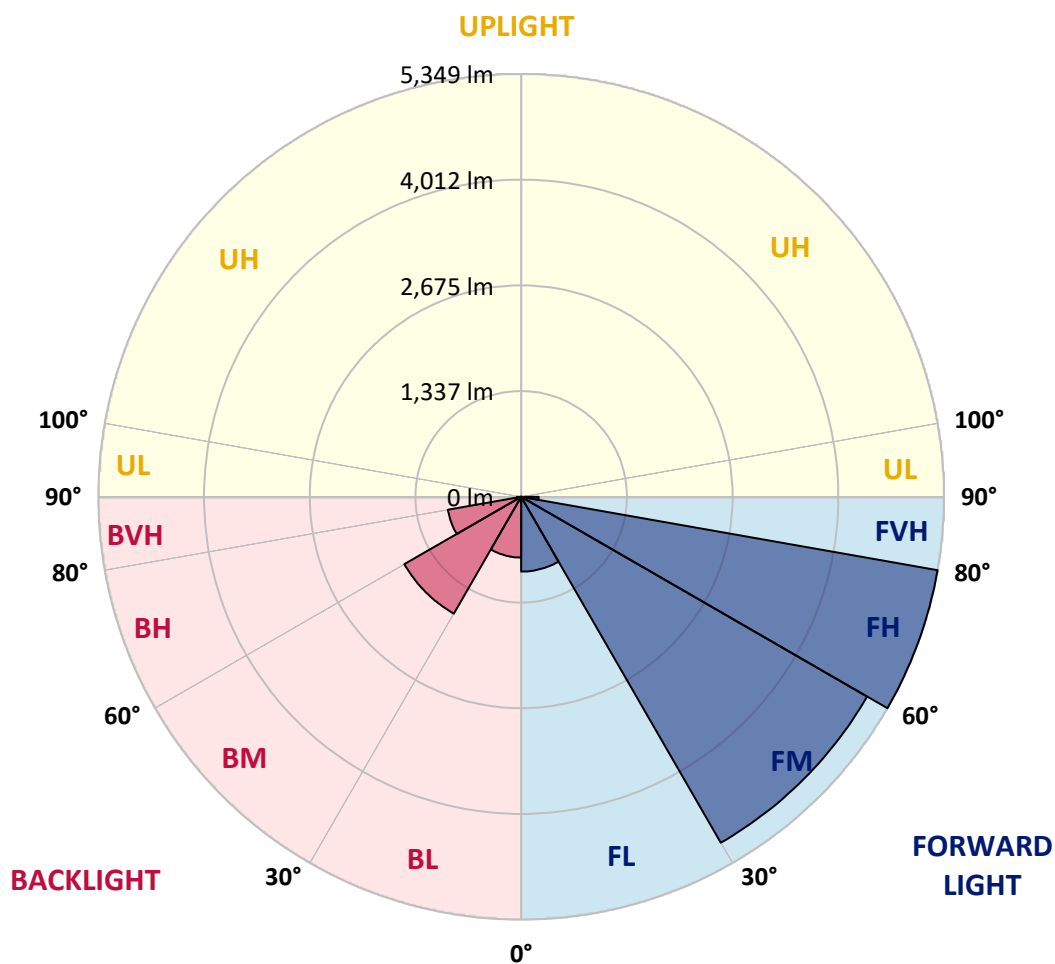
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	946.1	6.3			
FM	(30°-60°)	5052.6	33.6			
FH	(60°-80°)	5349.1	35.6			G3/7500
FVH	(80°-90°)	220.4	1.5			G2/225
BL	(0°-30°)	768.6	5.1	B2/1000		
BM	(30°-60°)	1706.2	11.3	B2/2500		
BH	(60°-80°)	941.6	6.3	B2/1000		G2/1000
BVH	(80°-90°)	54.0	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8
2.5°	1720.4	1722.0	1718.7	1717.1	1707.2	1697.3	1690.7	1682.4	1682.4	1682.4	1679.1
5°	1817.8	1811.2	1816.2	1804.6	1784.8	1766.6	1748.5	1733.6	1730.3	1730.3	1723.7
7.5°	1935.0	1926.8	1923.5	1907.0	1877.2	1850.8	1814.5	1799.6	1791.4	1788.1	1784.8
10°	2077.0	2077.0	2055.6	2027.5	1987.9	1941.6	1902.0	1875.6	1873.9	1873.9	1859.1
12.5°	2222.3	2225.6	2197.5	2169.5	2105.1	2044.0	1997.8	1968.1	1966.4	1959.8	1951.5
15°	2356.0	2347.8	2329.6	2288.4	2217.4	2144.7	2086.9	2057.2	2050.6	2044.0	2039.0
17.5°	2466.7	2458.4	2435.3	2382.5	2308.2	2222.3	2151.3	2119.9	2116.6	2113.3	2106.7
20°	2536.0	2529.4	2496.4	2435.3	2357.7	2270.2	2194.2	2172.8	2166.2	2166.2	2162.9
22.5°	2575.6	2565.7	2517.9	2436.9	2361.0	2296.6	2233.9	2220.7	2215.7	2217.4	2217.4
25°	2595.5	2587.2	2519.5	2403.9	2331.3	2313.1	2286.7	2278.4	2280.1	2281.8	2285.1
27.5°	2598.8	2587.2	2507.9	2361.0	2293.3	2344.5	2362.7	2375.9	2375.9	2382.5	2394.0
30°	2574.0	2560.8	2484.8	2328.0	2276.8	2407.2	2479.9	2514.5	2527.8	2524.5	2550.9
32.5°	2531.1	2522.8	2461.7	2328.0	2323.0	2531.1	2659.8	2709.4	2716.0	2719.3	2749.0
35°	2516.2	2514.5	2488.1	2407.2	2466.7	2749.0	2945.5	2983.4	2991.7	2991.7	3013.2
37.5°	2512.9	2521.2	2550.9	2555.8	2719.3	3072.6	3330.2	3388.0	3388.0	3404.5	3404.5
40°	2512.9	2531.1	2643.3	2777.1	3028.0	3493.6	3850.2	3916.3	3916.3	3934.5	3924.5
42.5°	2610.3	2636.7	2821.6	3075.9	3417.7	3927.8	4337.3	4411.6	4416.6	4411.6	4426.5
45°	2801.8	2824.9	3049.5	3414.4	3818.9	4393.4	4802.9	4892.1	4873.9	4885.5	4890.4
47.5°	3056.1	3092.4	3348.3	3784.2	4210.2	4824.4	5324.6	5405.5	5398.9	5403.9	5382.4
50°	3326.9	3364.8	3650.5	4150.7	4599.8	5171.1	5744.0	5864.5	5853.0	5861.2	5872.8
52.5°	3566.3	3589.4	3865.1	4426.5	4895.4	5494.7	6066.0	6216.2	6242.6	6245.9	6254.2
55°	3708.3	3736.3	3988.9	4563.5	5110.0	5811.7	6434.1	6662.0	6713.2	6726.4	6762.7
57.5°	3757.8	3787.5	4017.0	4583.3	5227.2	6108.9	6947.6	7348.8	7391.8	7462.7	7578.3
60°	3756.1	3787.5	3987.3	4538.7	5346.1	6477.1	7746.7	8418.7	8636.6	8709.3	8874.4
62.5°	3602.6	3638.9	3842.0	4403.3	5498.0	6947.6	8935.5	9969.0	10249.7	10381.8	10560.1
65°	3265.8	3292.2	3482.1	4059.9	5455.1	7411.6	9929.4	11218.9	11474.8	11668.0	11986.6
67°	2966.9	2983.4	3132.0	3653.8	5035.7	7428.1	10243.1	11529.3	11752.2	11956.9	12285.5
67.5°	2891.0	2925.7	3041.2	3529.9	4878.9	7334.0	10221.6	11481.4	11709.2	11922.2	12269.0
70°	2352.7	2402.3	2460.1	2788.6	3835.4	6170.0	9463.8	10652.6	10852.4	11050.5	11534.2
72.5°	1451.3	1540.4	1552.0	1760.0	2496.4	4264.7	7657.6	8983.4	9133.6	9275.6	9770.9
75°	855.2	868.5	909.7	1078.1	1464.5	2549.2	5138.1	6673.5	6812.2	6881.6	7269.6
77.5°	477.2	490.4	525.0	670.3	1126.0	1717.1	2991.7	3921.2	4005.4	4093.0	4030.2
80°	198.1	216.3	232.8	270.8	526.7	1355.5	2057.2	2493.1	2547.6	2598.8	2663.1
82.5°	95.8	102.4	125.5	143.6	191.5	556.4	1613.1	2161.2	2225.6	2299.9	2450.2
85°	44.6	49.5	69.3	82.6	92.5	140.3	539.9	1051.7	1140.9	1157.4	1187.1
87.5°	3.3	3.3	8.3	11.6	16.5	18.2	56.1	79.3	89.2	80.9	102.4
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8
2.5°	1677.5	1675.8	1672.5	1672.5	1670.9	1670.9	1670.9	1667.6	1667.6	1667.6	1665.9
5°	1722.0	1720.4	1715.4	1715.4	1712.1	1712.1	1707.2	1705.5	1702.2	1702.2	1700.6
7.5°	1779.8	1778.2	1771.6	1771.6	1766.6	1765.0	1761.7	1756.7	1756.7	1753.4	1750.1
10°	1859.1	1854.1	1852.5	1844.2	1845.9	1842.6	1839.3	1834.3	1831.0	1827.7	1824.4
12.5°	1948.2	1948.2	1940.0	1935.0	1938.3	1935.0	1928.4	1926.8	1921.8	1921.8	1916.9
15°	2032.4	2032.4	2029.1	2022.5	2024.2	2019.2	2017.6	2014.3	2007.7	2009.3	2007.7
17.5°	2105.1	2105.1	2100.1	2096.8	2096.8	2091.9	2093.5	2090.2	2086.9	2085.3	2080.3
20°	2162.9	2162.9	2159.6	2156.3	2157.9	2157.9	2153.0	2153.0	2153.0	2149.7	2149.7
22.5°	2219.0	2220.7	2220.7	2220.7	2222.3	2224.0	2222.3	2225.6	2224.0	2227.3	2227.3
25°	2293.3	2298.3	2301.6	2301.6	2309.8	2311.5	2313.1	2318.1	2318.1	2323.0	2324.7
27.5°	2403.9	2407.2	2420.4	2423.7	2425.4	2438.6	2440.3	2446.9	2453.5	2455.1	2456.8
30°	2555.8	2564.1	2574.0	2580.6	2580.6	2597.1	2603.7	2600.4	2618.6	2623.5	2630.1
32.5°	2758.9	2765.5	2775.4	2782.0	2788.6	2796.9	2798.5	2806.8	2821.6	2834.9	2826.6
35°	3014.8	3031.3	3014.8	3033.0	3037.9	3049.5	3046.2	3056.1	3062.7	3067.7	3066.0
37.5°	3386.3	3378.0	3374.7	3368.1	3356.6	3396.2	3376.4	3374.7	3364.8	3392.9	3374.7
40°	3875.0	3880.0	3884.9	3858.5	3843.6	3843.6	3838.7	3820.5	3812.3	3837.0	3833.7
42.5°	4385.2	4390.1	4367.0	4350.5	4312.5	4307.6	4284.5	4279.5	4271.3	4284.5	4271.3
45°	4849.1	4852.4	4801.3	4809.5	4779.8	4784.7	4748.4	4763.3	4743.5	4756.7	4781.4
47.5°	5367.6	5374.2	5329.6	5347.8	5318.0	5299.9	5298.2	5308.1	5286.7	5299.9	5306.5
50°	5838.1	5829.9	5806.7	5811.7	5798.5	5801.8	5782.0	5800.1	5775.4	5801.8	5798.5
52.5°	6255.8	6245.9	6241.0	6257.5	6245.9	6245.9	6234.4	6242.6	6245.9	6285.5	6293.8
55°	6762.7	6771.0	6779.2	6808.9	6822.1	6800.7	6822.1	6863.4	6865.1	6959.2	7010.4
57.5°	7576.7	7634.5	7664.2	7682.3	7759.9	7751.7	7801.2	7900.3	7910.2	8128.1	8255.2
60°	8996.6	9098.9	9196.3	9143.5	9300.4	9348.2	9378.0	9562.9	9620.7	9827.0	9937.7
62.5°	10789.6	10801.2	10953.1	10905.2	10994.3	10972.9	11009.2	11093.4	11169.4	11339.4	11443.4
65°	12041.1	12095.6	12155.0	12093.9	12092.3	12019.6	11973.4	11971.8	12018.0	12054.3	12169.9
67°	12381.2	12435.7	12450.6	12406.0	12341.6	12249.1	12163.3	12118.7	12089.0	12105.5	12178.1
67.5°	12377.9	12429.1	12447.3	12404.3	12315.2	12237.6	12146.8	12095.6	12056.0	12064.2	12125.3
70°	11674.6	11785.2	11844.6	11857.8	11846.3	11710.9	11633.3	11587.1	11554.0	11473.1	11468.2
72.5°	9891.4	10025.2	10071.4	10145.7	10178.7	9978.9	9894.7	9945.9	9830.4	9574.4	9586.0
75°	7263.0	7272.9	7117.7	7088.0	6977.3	6524.9	6389.6	6265.7	6067.6	5758.9	5468.3
77.5°	3785.9	3784.2	3605.9	3515.1	3383.0	3110.6	3097.4	2876.1	2720.9	2438.6	2336.2
80°	2689.6	2732.5	2791.9	2821.6	2775.4	2669.7	2524.5	2367.6	2187.6	2011.0	1799.6
82.5°	2501.3	2527.8	2559.1	2443.6	2379.2	2230.6	2119.9	1892.1	1765.0	1563.5	1350.6
85°	1216.8	1297.7	1235.0	1162.3	1137.6	889.9	860.2	718.2	652.2	536.6	500.3
87.5°	77.6	95.8	85.9	77.6	67.7	38.0	51.2	36.3	38.0	28.1	24.8
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8
2.5°	1665.9	1664.3	1662.6	1661.0	1659.3	1659.3	1657.7	1656.0	1654.4	1651.0	1651.0
5°	1697.3	1697.3	1695.6	1692.3	1692.3	1689.0	1684.1	1682.4	1682.4	1679.1	1675.8
7.5°	1748.5	1746.8	1743.5	1741.9	1738.6	1735.3	1732.0	1728.6	1727.0	1722.0	1720.4
10°	1826.1	1822.8	1814.5	1811.2	1809.6	1806.2	1802.9	1799.6	1794.7	1791.4	1789.7
12.5°	1913.6	1911.9	1905.3	1908.6	1900.4	1897.1	1893.8	1885.5	1888.8	1882.2	1878.9
15°	2001.1	2002.7	1999.4	1999.4	1992.8	1987.9	1984.6	1978.0	1976.3	1973.0	1969.7
17.5°	2078.7	2082.0	2077.0	2073.7	2070.4	2067.1	2060.5	2053.9	2053.9	2047.3	2044.0
20°	2149.7	2153.0	2151.3	2148.0	2143.1	2141.4	2138.1	2133.2	2133.2	2129.9	2124.9
22.5°	2230.6	2232.2	2232.2	2230.6	2225.6	2227.3	2224.0	2219.0	2220.7	2214.1	2214.1
25°	2328.0	2331.3	2334.6	2336.2	2332.9	2334.6	2331.3	2328.0	2326.3	2328.0	2326.3
27.5°	2461.7	2465.0	2474.9	2466.7	2474.9	2476.6	2471.6	2465.0	2470.0	2478.2	2473.3
30°	2638.4	2635.1	2648.3	2649.9	2648.3	2649.9	2646.6	2641.7	2645.0	2659.8	2651.6
32.5°	2836.5	2843.1	2846.4	2849.7	2854.7	2861.3	2856.3	2851.4	2859.6	2854.7	2866.2
35°	3075.9	3090.8	3095.7	3090.8	3094.1	3105.6	3104.0	3105.6	3122.1	3105.6	3127.1
37.5°	3378.0	3392.9	3404.5	3397.9	3406.1	3406.1	3419.3	3455.6	3432.5	3462.3	3485.4
40°	3817.2	3840.3	3842.0	3840.3	3848.6	3858.5	3871.7	3911.3	3884.9	3916.3	3937.8
42.5°	4269.6	4297.7	4307.6	4291.1	4309.2	4330.7	4332.4	4367.0	4368.7	4373.6	4385.2
45°	4779.8	4804.6	4824.4	4816.1	4817.8	4845.8	4839.2	4872.2	4847.5	4847.5	4854.1
47.5°	5323.0	5346.1	5359.3	5372.5	5356.0	5380.8	5392.3	5385.7	5356.0	5349.4	5309.8
50°	5818.3	5838.1	5857.9	5894.2	5892.6	5904.2	5912.4	5882.7	5876.1	5839.8	5795.2
52.5°	6343.3	6394.5	6439.1	6515.0	6526.6	6566.2	6551.4	6501.8	6493.6	6434.1	6374.7
55°	7074.7	7221.7	7286.1	7403.3	7482.6	7480.9	7447.9	7439.6	7376.9	7258.0	7187.0
57.5°	8347.7	8577.2	8687.8	8839.7	8864.5	8849.6	8806.7	8730.8	8621.8	8422.0	8293.2
60°	10185.3	10327.3	10456.1	10492.4	10510.6	10482.5	10332.3	10163.9	9950.9	9675.2	9445.7
62.5°	11573.9	11719.2	11814.9	11800.1	11686.1	11542.5	11322.9	11040.6	10741.7	10433.0	10089.6
65°	12280.5	12341.6	12326.7	12211.2	12016.3	11765.4	11445.1	11096.7	10745.0	10380.2	10023.5
67°	12242.5	12244.2	12143.5	11918.9	11669.6	11354.3	10963.0	10583.2	10170.5	9787.4	9363.1
67.5°	12174.8	12168.2	12027.9	11781.9	11512.8	11187.5	10781.4	10388.4	9960.8	9574.4	9135.3
70°	11408.8	11316.3	10999.3	10606.3	10231.6	9792.4	9366.4	8915.7	8433.6	8101.7	7596.5
72.5°	9374.7	9062.6	8516.1	8105.0	7703.8	7129.2	6863.4	6303.7	5965.2	5753.9	5372.5
75°	5428.7	5167.8	4745.1	4360.4	4165.6	3825.5	3663.7	3252.6	3166.7	3163.4	3031.3
77.5°	2072.1	1807.9	1535.5	1236.6	1051.7	835.4	736.4	658.8	599.3	640.6	581.2
80°	1553.6	1277.9	998.9	726.5	518.4	383.0	328.6	303.8	288.9	277.4	269.1
82.5°	1157.4	913.0	708.3	462.3	323.6	244.4	211.3	198.1	191.5	180.0	170.1
85°	391.3	313.7	247.7	171.7	135.4	110.6	102.4	99.1	94.1	85.9	80.9
87.5°	21.5	19.8	21.5	16.5	19.8	16.5	18.2	18.2	18.2	16.5	16.5
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):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8	1642.8
2.5°	1649.4	1649.4	1649.4	1646.1	1641.1	1631.2	1621.3	1613.1	1604.8	1599.9	1596.6
5°	1674.2	1670.9	1669.2	1667.6	1656.0	1636.2	1618.0	1601.5	1585.0	1571.8	1566.8
7.5°	1718.7	1712.1	1710.5	1705.5	1690.7	1661.0	1634.5	1608.1	1585.0	1566.8	1558.6
10°	1786.4	1786.4	1776.5	1769.9	1753.4	1713.8	1675.8	1641.1	1609.8	1590.0	1585.0
12.5°	1872.3	1872.3	1864.0	1859.1	1839.3	1788.1	1741.9	1700.6	1670.9	1651.0	1649.4
15°	1961.4	1959.8	1953.2	1946.6	1925.1	1870.6	1824.4	1788.1	1763.3	1740.2	1733.6
17.5°	2040.7	2040.7	2032.4	2025.8	2004.4	1958.1	1916.9	1890.5	1862.4	1814.5	1778.2
20°	2119.9	2121.6	2115.0	2108.4	2090.2	2050.6	2032.4	2006.0	1943.3	1839.3	1753.4
22.5°	2207.5	2214.1	2205.8	2199.2	2184.3	2167.8	2161.2	2098.5	1966.4	1799.6	1674.2
25°	2319.7	2331.3	2321.4	2318.1	2309.8	2314.8	2295.0	2149.7	1933.4	1713.8	1556.9
27.5°	2473.3	2473.3	2474.9	2474.9	2471.6	2489.8	2417.1	2151.3	1860.7	1603.2	1416.6
30°	2653.2	2663.1	2659.8	2659.8	2673.0	2684.6	2484.8	2115.0	1768.3	1466.1	1244.9
32.5°	2869.5	2877.8	2881.1	2866.2	2919.1	2859.6	2509.6	2049.0	1654.4	1296.1	1040.2
35°	3130.4	3141.9	3150.2	3151.9	3186.5	3011.5	2496.4	1951.5	1490.9	1083.1	815.6
37.5°	3470.5	3493.6	3511.8	3520.0	3521.7	3140.3	2460.1	1822.8	1277.9	845.3	607.6
40°	3922.9	3947.7	3942.7	3959.2	3865.1	3216.2	2377.5	1636.2	1013.7	620.8	468.9
42.5°	4358.8	4362.1	4368.7	4353.8	4162.3	3255.9	2261.9	1408.3	759.5	463.9	401.2
45°	4845.8	4817.8	4786.4	4763.3	4436.4	3270.7	2103.4	1131.0	536.6	389.6	371.5
47.5°	5303.2	5265.2	5200.8	5134.8	4680.7	3247.6	1900.4	847.0	407.8	356.6	351.7
50°	5752.3	5681.3	5590.5	5514.5	4915.2	3212.9	1675.8	610.9	356.6	340.1	335.2
52.5°	6308.7	6189.8	6070.9	5971.8	5220.6	3158.5	1439.7	463.9	335.2	326.9	320.3
55°	7071.4	6906.3	6714.8	6576.1	5635.0	3075.9	1192.1	392.9	325.3	318.7	308.7
57.5°	8128.1	7880.5	7664.2	7438.0	6201.3	2991.7	979.1	364.9	323.6	313.7	300.5
60°	9207.9	8910.7	8635.0	8311.4	6779.2	2907.5	830.5	361.6	328.6	313.7	293.9
62.5°	9769.3	9462.2	9130.3	8801.7	7028.5	2709.4	728.1	366.5	340.1	318.7	293.9
65°	9640.5	9265.7	8928.9	8593.7	6739.6	2334.6	615.8	373.1	363.2	338.5	298.8
67°	8993.3	8602.0	8278.4	7958.1	6095.7	1954.8	528.3	379.7	388.0	361.6	308.7
67.5°	8765.4	8374.1	8055.5	7743.4	5905.8	1875.6	506.9	383.0	392.9	368.2	312.0
70°	7267.9	6980.6	6642.2	6401.1	4781.4	1388.5	416.1	389.6	422.7	406.2	326.9
72.5°	5230.5	4956.5	4702.2	4568.5	3521.7	970.8	350.0	383.0	440.8	427.6	333.5
75°	2780.4	2763.9	2671.4	2737.4	2179.4	634.0	308.7	358.3	421.0	391.3	310.4
77.5°	561.4	577.9	678.6	668.7	703.3	353.3	264.2	307.1	325.3	287.3	252.6
80°	260.9	255.9	251.0	254.3	249.3	226.2	214.6	241.1	226.2	184.9	168.4
82.5°	161.8	158.5	153.5	151.9	168.4	180.0	188.2	189.9	150.2	128.8	123.8
85°	77.6	77.6	75.9	79.3	99.1	146.9	158.5	140.3	100.7	92.5	87.5
87.5°	14.9	14.9	16.5	14.9	19.8	34.7	39.6	46.2	38.0	39.6	44.6
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):

	165°	175°	180°
0°	1642.8	1642.8	1642.8
2.5°	1593.3	1590.0	1590.0
5°	1560.2	1558.6	1558.6
7.5°	1552.0	1553.6	1552.0
10°	1583.4	1581.7	1588.3
12.5°	1652.7	1657.7	1656.0
15°	1725.3	1728.6	1728.6
17.5°	1746.8	1735.3	1733.6
20°	1690.7	1669.2	1664.3
22.5°	1585.0	1545.4	1547.0
25°	1451.3	1403.4	1406.7
27.5°	1296.1	1244.9	1243.2
30°	1109.5	1053.4	1025.3
32.5°	885.0	817.3	817.3
35°	665.4	610.9	591.1
37.5°	505.2	473.9	463.9
40°	421.0	406.2	402.9
42.5°	383.0	378.1	376.4
45°	363.2	359.9	358.3
47.5°	345.1	343.4	341.8
50°	331.9	330.2	328.6
52.5°	320.3	317.0	315.4
55°	303.8	303.8	303.8
57.5°	293.9	293.9	292.2
60°	284.0	282.3	282.3
62.5°	275.7	272.4	274.1
65°	270.8	265.8	265.8
67°	267.5	257.6	257.6
67.5°	267.5	254.3	254.3
70°	262.5	241.1	237.8
72.5°	257.6	226.2	221.2
75°	244.4	214.6	209.7
77.5°	209.7	191.5	188.2
80°	161.8	140.3	143.6
82.5°	117.2	100.7	99.1
85°	84.2	72.6	72.6
87.5°	44.6	38.0	39.6
90°	0.0	0.0	0.0

(END OF REPORT)