

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: P154409

Luminaire Tested: **VXS-E05-LED-E1-T2-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P154409
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33671)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: VXS-E05-LED-E1-T2-7030
Description: VISION SITE SMALL LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 2
Light Source: (105) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13991.9 lumens
Efficiency: N/A
Efficacy: 109.9 lumens/watt
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
IES Classification: Type II - Short - Semi-Cutoff
BUG Rating: B3 - U0 - G3

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



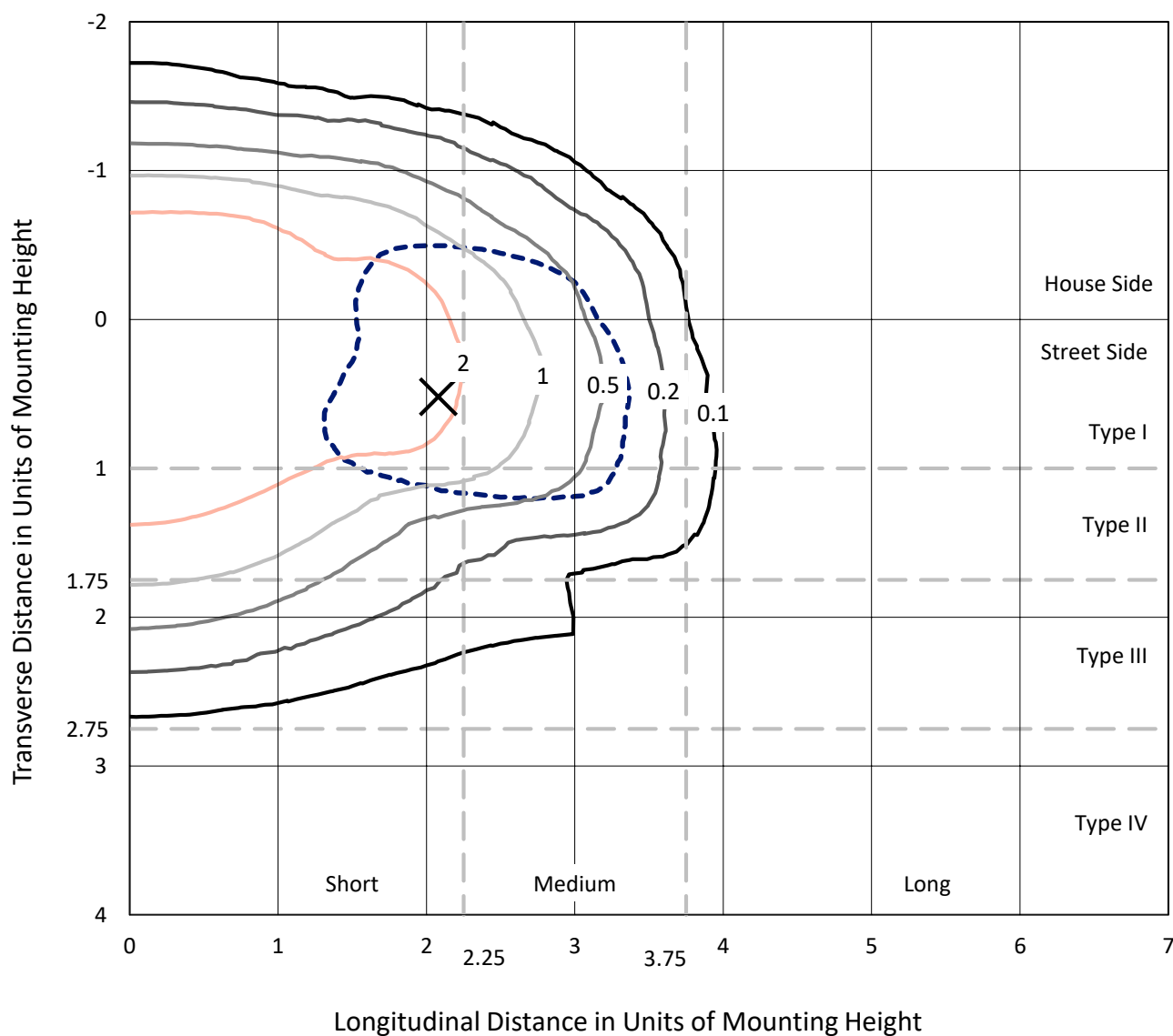
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

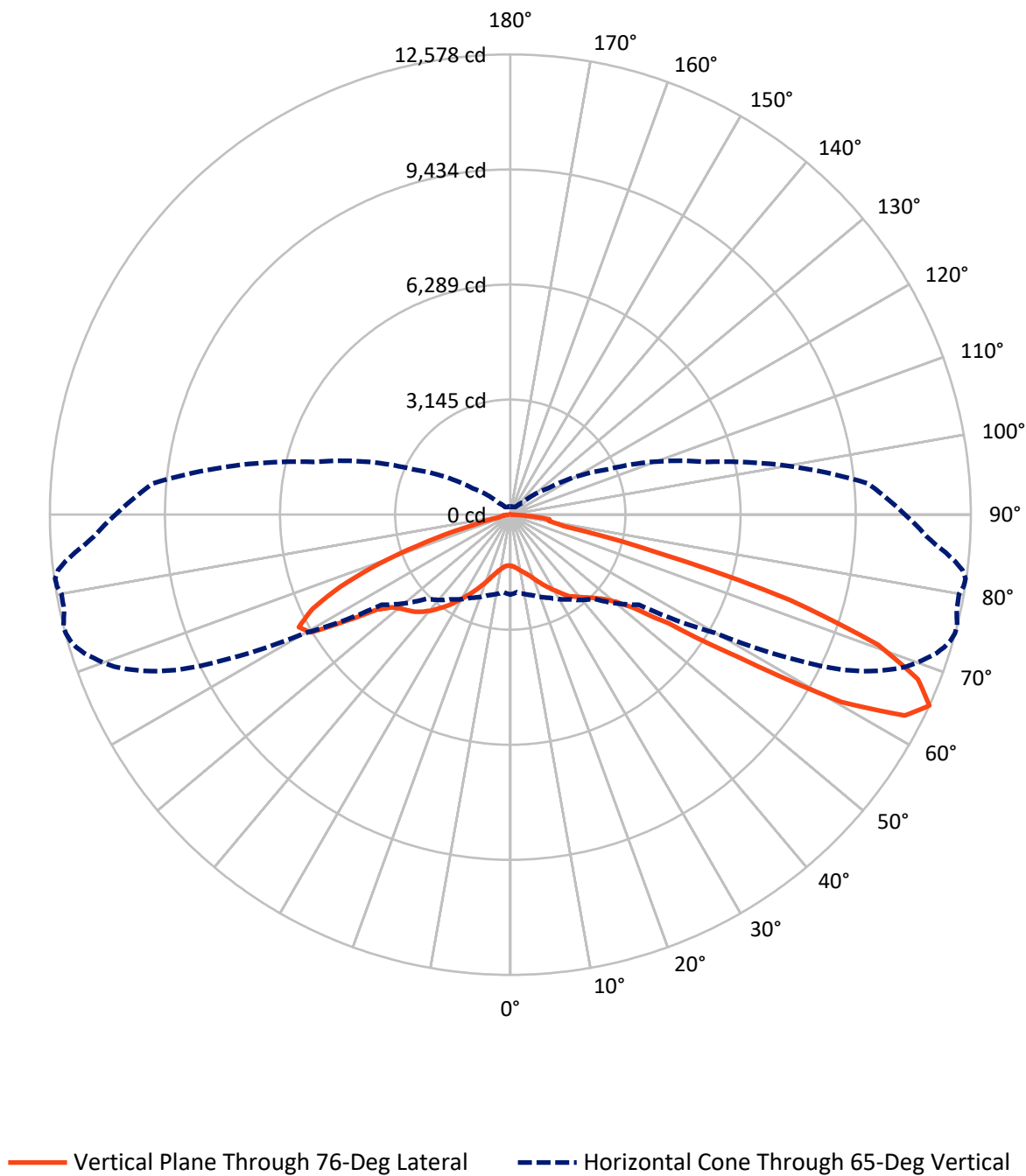


Based on 20 foot mounting height. Maximum calculated value = 4.3 fc
 Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4899.6	0.0	4899.6
	% Fixture	35.0	0.0	35.0
Street Side	Lumens	9092.3	0.0	9092.3
	% Fixture	65.0	0.0	65.0
Total	Lumens	13991.9	0.0	13991.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.1	1.0
10°-20°	481.2	3.4
20°-30°	945.3	6.8
30°-40°	1570.7	11.2
40°-50°	2308.0	16.5
50°-60°	3195.4	22.8
60°-70°	3814.0	27.3
70°-80°	1348.8	9.6
80°-90°	188.5	1.3
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°	13991.9	100.0
0°-180°	13991.9	100.0

Coefficient of Utilization



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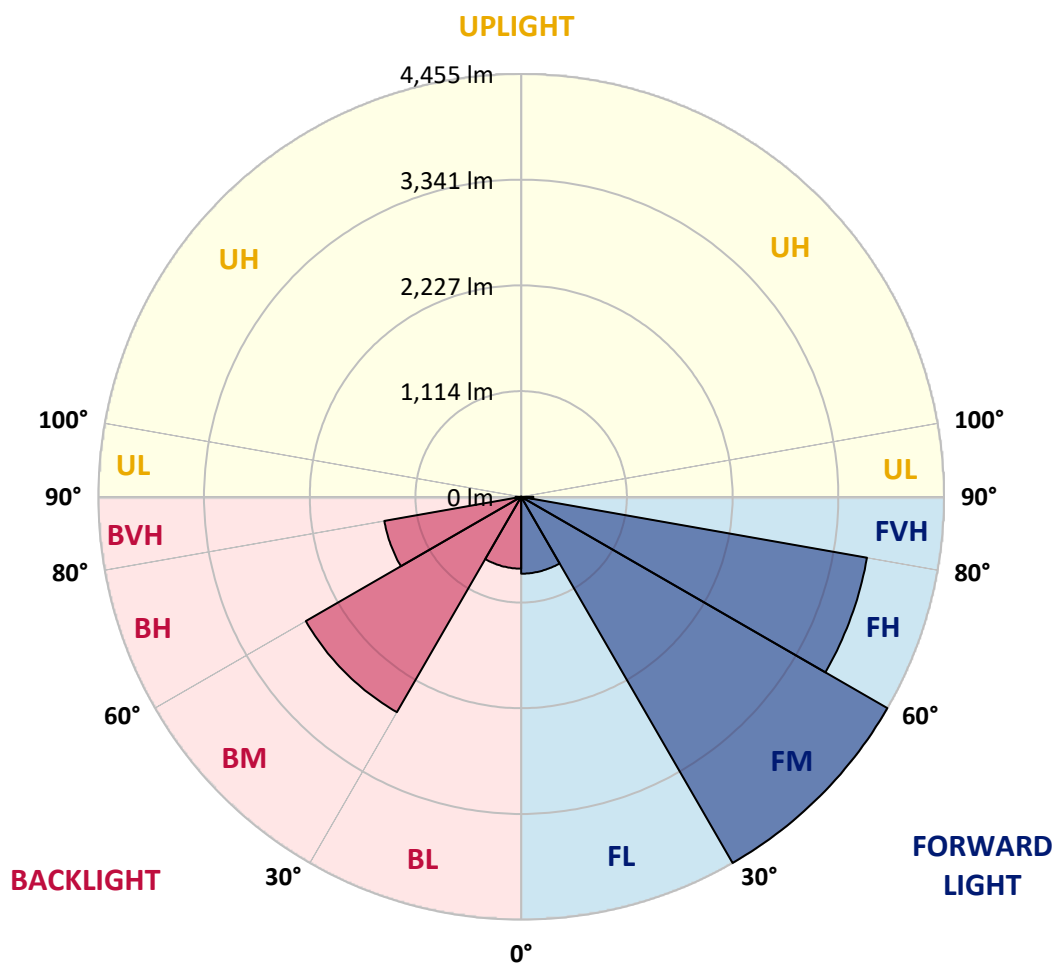
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	809.6	5.8			
FM	(30°-60°)	4454.6	31.8			
FH	(60°-80°)	3699.3	26.4			G2/5000
FVH	(80°-90°)	128.8	0.9			G2/225
BL	(0°-30°)	757.0	5.4	B2/1000		
BM	(30°-60°)	2619.5	18.7	B3/5000		
BH	(60°-80°)	1463.5	10.5	B3/2500		G3/2500
BVH	(80°-90°)	59.6	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0
2.5°	1459.8	1461.3	1458.3	1456.8	1452.2	1444.7	1438.5	1432.4	1432.4	1432.4	1427.9
5°	1523.7	1526.8	1520.7	1516.2	1502.5	1494.8	1484.1	1476.6	1473.6	1472.0	1467.5
7.5°	1604.5	1599.9	1590.8	1587.7	1577.1	1560.3	1540.5	1525.3	1525.3	1523.7	1525.3
10°	1685.2	1673.0	1668.4	1663.8	1647.0	1625.8	1602.9	1586.2	1584.7	1583.1	1578.5
12.5°	1765.8	1761.2	1756.7	1739.9	1723.2	1689.7	1663.8	1647.0	1645.6	1647.0	1641.0
15°	1872.3	1861.8	1857.1	1828.2	1791.7	1755.1	1723.2	1708.0	1703.4	1704.9	1700.3
17.5°	1954.6	1954.6	1943.9	1911.9	1864.8	1814.5	1781.0	1771.9	1770.4	1770.4	1771.9
20°	2020.0	2018.5	2007.9	1982.0	1925.6	1875.4	1858.7	1855.6	1854.1	1854.1	1858.7
22.5°	2056.6	2053.5	2048.9	2020.0	1975.9	1942.4	1943.9	1953.1	1956.1	1959.2	1965.2
25°	2074.8	2070.3	2068.7	2048.9	2017.0	2012.4	2039.8	2064.1	2070.3	2076.4	2083.9
27.5°	2105.3	2097.6	2100.7	2093.1	2085.5	2099.2	2155.5	2181.3	2185.9	2193.6	2198.1
30°	2189.0	2185.9	2198.1	2201.1	2207.3	2227.0	2278.9	2303.2	2313.8	2313.8	2335.1
32.5°	2348.8	2350.4	2353.4	2385.4	2396.1	2409.7	2437.1	2456.9	2458.4	2460.0	2479.8
35°	2563.4	2572.6	2598.4	2625.9	2651.7	2650.3	2633.5	2644.1	2636.6	2645.7	2647.2
37.5°	2834.4	2822.3	2860.3	2922.7	2962.3	2951.6	2877.1	2828.3	2842.1	2836.0	2831.4
40°	3043.0	3056.7	3129.7	3211.9	3242.4	3275.9	3178.4	3094.7	3082.6	3059.7	3046.0
42.5°	3330.7	3332.2	3391.6	3452.4	3540.7	3613.8	3551.4	3431.2	3394.6	3367.3	3307.9
45°	3597.1	3592.5	3641.2	3715.9	3820.8	3925.9	3948.7	3817.8	3804.1	3755.4	3677.7
47.5°	3775.2	3769.1	3802.6	3900.0	4070.5	4242.5	4336.9	4297.3	4271.4	4251.6	4129.8
50°	3895.4	3883.2	3921.3	4024.9	4215.1	4480.0	4726.6	4760.1	4749.4	4749.4	4671.8
52.5°	3985.3	3985.3	4012.6	4096.4	4289.7	4620.0	5061.5	5230.5	5244.1	5259.4	5254.8
55°	3935.0	3942.6	4011.1	4133.0	4336.9	4717.4	5338.5	5708.4	5784.6	5848.5	5921.6
57.5°	3763.0	3788.9	3880.2	4079.6	4349.1	4790.6	5646.0	6378.2	6592.8	6778.5	7067.8
60°	3511.8	3545.3	3677.7	3932.0	4259.3	4671.8	5754.1	6944.5	7285.5	7690.4	8445.5
62.5°	3081.0	3114.5	3243.9	3498.1	3778.2	4216.7	5306.5	7028.2	7573.2	8147.0	9288.8
65°	2182.9	2129.6	2278.9	2507.2	2828.3	3253.1	4288.2	6466.5	7250.5	8028.4	9437.9
67.5°	1216.3	1211.7	1303.0	1473.6	1781.0	2237.7	2954.7	4959.5	5681.0	6562.4	8293.3
70°	838.8	847.9	905.7	1089.9	1344.1	1738.4	2105.3	3114.5	3633.6	4231.8	5933.8
72.5°	589.1	608.9	640.8	750.5	1010.8	1464.5	2151.0	1861.8	2120.5	2528.5	3568.2
75°	345.6	359.3	382.1	435.3	575.4	978.8	2227.0	1636.4	1636.4	1732.3	2158.5
77.5°	213.2	213.2	226.8	248.1	306.0	479.5	1586.2	1838.9	1787.2	1732.3	1736.9
80°	109.6	117.2	137.0	147.7	170.5	219.2	712.4	1715.5	1881.5	1992.6	1915.0
82.5°	50.3	56.4	83.7	89.8	99.0	115.6	245.1	975.8	1307.6	1721.7	2151.0
85°	25.9	25.9	44.1	54.8	59.4	53.3	89.8	394.3	596.7	910.3	1424.9
87.5°	4.6	4.6	7.6	9.1	13.7	12.2	15.2	22.8	38.0	41.1	42.6
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0
2.5°	1426.3	1427.9	1426.3	1424.9	1421.8	1421.8	1421.8	1420.3	1420.3	1420.3	1418.8
5°	1467.5	1461.3	1462.9	1459.8	1458.3	1456.8	1458.3	1455.2	1452.2	1453.8	1452.2
7.5°	1519.2	1516.2	1510.1	1510.1	1508.6	1505.5	1505.5	1500.9	1499.4	1496.4	1494.8
10°	1577.1	1569.4	1572.4	1569.4	1571.0	1564.9	1561.9	1558.8	1555.8	1555.8	1557.3
12.5°	1636.4	1634.9	1630.4	1627.3	1627.3	1622.7	1624.2	1622.7	1618.1	1616.6	1612.0
15°	1697.3	1697.3	1692.7	1694.3	1692.7	1689.7	1686.6	1686.6	1683.6	1680.5	1682.1
17.5°	1768.8	1768.8	1768.8	1768.8	1770.4	1765.8	1767.4	1764.2	1761.2	1767.4	1767.4
20°	1861.8	1867.8	1867.8	1866.3	1873.9	1869.3	1867.8	1875.4	1867.8	1878.4	1876.9
22.5°	1968.3	1974.4	1974.4	1980.4	1982.0	1986.5	1989.5	1986.5	1992.6	1998.8	1998.8
25°	2087.0	2093.1	2097.6	2106.8	2111.4	2108.3	2109.8	2117.4	2120.5	2126.6	2132.6
27.5°	2211.8	2213.4	2219.5	2230.1	2237.7	2240.7	2242.3	2254.4	2256.0	2259.1	2265.1
30°	2333.6	2348.8	2345.8	2359.5	2364.0	2368.6	2377.7	2382.3	2393.0	2399.1	2399.1
32.5°	2476.7	2473.7	2485.8	2496.5	2504.1	2511.7	2519.3	2525.4	2531.5	2534.5	2549.7
35°	2654.8	2660.9	2660.9	2662.4	2680.7	2682.2	2688.3	2702.0	2706.5	2715.6	2721.8
37.5°	2831.4	2820.7	2819.2	2819.2	2813.2	2817.7	2819.2	2820.7	2826.8	2828.3	2834.4
40°	3029.3	3015.5	3003.4	2995.8	2983.6	2966.8	2963.8	2956.2	2960.8	2959.3	2960.8
42.5°	3300.2	3262.2	3233.3	3211.9	3187.6	3169.3	3155.6	3135.9	3122.2	3105.4	3102.4
45°	3645.8	3574.2	3525.5	3490.6	3455.5	3405.3	3376.4	3345.9	3318.5	3291.1	3268.3
47.5°	4099.4	4023.3	3945.7	3881.8	3826.9	3746.2	3664.0	3618.3	3565.1	3517.9	3484.5
50°	4633.8	4542.4	4505.9	4416.1	4347.6	4225.8	4123.7	4049.2	3942.6	3871.1	3808.7
52.5°	5180.2	5157.4	5137.6	5061.5	4980.8	4910.8	4820.9	4690.1	4582.0	4499.8	4371.9
55°	5924.6	5935.2	5927.7	5886.5	5857.6	5790.7	5754.1	5639.9	5591.2	5472.5	5338.5
57.5°	7177.4	7262.7	7370.8	7413.4	7471.2	7416.4	7480.3	7557.9	7364.7	7431.6	7311.4
60°	8777.3	9168.5	9401.5	9687.6	9874.8	10136.7	10183.8	10252.3	10232.5	10270.7	10348.3
62.5°	9754.6	10218.9	10664.9	10989.1	11336.2	11528.0	11759.4	11920.7	12088.2	12200.8	12168.9
65°	10042.3	10520.3	10925.2	11279.9	11590.5	11824.9	12039.5	12242.0	12395.6	12503.7	12567.7
67.5°	8985.8	9609.9	10036.2	10451.8	10852.1	11098.8	11278.3	11474.7	11700.0	11887.3	11923.8
70°	6761.9	7698.0	8302.4	8800.1	9270.5	9602.4	9853.6	10036.2	10211.3	10345.2	10491.4
72.5°	4228.8	5047.8	5738.9	6384.4	6883.6	7340.3	7551.9	7956.8	7903.5	8005.5	8115.1
75°	2534.5	2933.4	3314.0	3769.1	4030.9	4411.5	4480.0	4546.9	4511.9	4397.8	4483.0
77.5°	1761.2	1826.7	1823.6	1797.8	1770.4	1703.4	1616.6	1569.4	1537.5	1491.8	1510.1
80°	1771.9	1630.4	1414.2	1188.9	981.9	844.9	790.1	790.1	846.3	927.0	1007.8
82.5°	2117.4	1966.7	1753.7	1467.5	1163.0	946.8	802.2	744.4	755.0	837.2	940.7
85°	1427.9	1461.3	1281.8	1172.1	928.6	723.1	605.9	491.7	435.3	449.0	508.4
87.5°	51.7	62.4	22.8	30.5	21.3	18.2	18.2	19.8	13.7	16.8	15.2
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°	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0
2.5°	1417.2	1415.6	1415.6	1412.6	1412.6	1411.1	1411.1	1409.6	1408.1	1408.1	1406.5
5°	1450.7	1449.2	1446.1	1444.7	1441.6	1441.6	1440.0	1437.0	1437.0	1434.0	1432.4
7.5°	1497.9	1494.8	1491.8	1490.3	1488.8	1484.1	1484.1	1481.1	1481.1	1478.1	1476.6
10°	1554.2	1551.2	1548.1	1549.6	1545.1	1543.5	1540.5	1540.5	1536.0	1534.4	1534.4
12.5°	1615.1	1613.6	1613.6	1609.0	1607.5	1606.0	1599.9	1599.9	1599.9	1596.9	1598.3
15°	1680.5	1682.1	1677.5	1682.1	1680.5	1676.0	1676.0	1676.0	1669.9	1677.5	1671.4
17.5°	1768.8	1773.5	1770.4	1771.9	1768.8	1768.8	1770.4	1768.8	1771.9	1771.9	1781.0
20°	1878.4	1880.0	1887.6	1884.6	1884.6	1883.0	1886.1	1887.6	1893.7	1890.7	1896.7
22.5°	1998.8	2006.3	2007.9	2013.9	2013.9	2012.4	2015.4	2021.6	2024.6	2029.1	2027.7
25°	2135.8	2140.3	2146.4	2138.8	2151.0	2151.0	2154.0	2161.6	2163.1	2163.1	2173.8
27.5°	2263.6	2275.8	2277.3	2284.9	2280.3	2283.4	2294.0	2298.5	2304.7	2304.7	2307.8
30°	2408.2	2412.7	2415.9	2425.0	2423.4	2425.0	2426.4	2434.1	2434.1	2441.7	2449.3
32.5°	2557.4	2560.4	2563.4	2572.6	2575.6	2581.8	2578.7	2584.8	2592.4	2593.9	2598.4
35°	2735.4	2738.5	2741.6	2755.2	2756.8	2767.5	2770.5	2767.5	2779.6	2772.0	2779.6
37.5°	2839.0	2852.7	2855.8	2864.9	2861.9	2869.4	2874.0	2880.1	2883.1	2889.2	2901.5
40°	2965.4	2969.9	2979.1	2983.6	2989.7	2991.2	2997.3	3001.9	3006.4	3020.1	3033.9
42.5°	3094.7	3100.8	3105.4	3111.5	3119.1	3125.2	3129.7	3143.4	3146.5	3155.6	3181.6
45°	3251.5	3248.5	3250.1	3251.5	3254.6	3262.2	3275.9	3289.5	3298.8	3320.0	3341.3
47.5°	3446.4	3426.6	3419.0	3406.8	3409.8	3426.6	3429.6	3452.4	3470.8	3490.6	3516.4
50°	3741.7	3688.4	3656.5	3624.5	3621.5	3630.6	3642.7	3667.2	3688.4	3714.3	3750.8
52.5°	4237.9	4136.0	4072.0	3983.7	3959.4	3954.8	3945.7	3959.4	3965.5	4000.5	4069.0
55°	5242.6	5053.9	4932.1	4795.1	4667.3	4629.1	4556.1	4571.3	4556.1	4577.4	4679.4
57.5°	7340.3	7189.6	7070.9	6895.8	6676.6	6443.7	6385.8	6146.8	6194.0	6331.1	6242.8
60°	10386.3	10331.5	10246.2	10162.6	9862.7	9693.7	9418.1	9387.7	9194.4	9196.0	9069.5
62.5°	12091.2	12161.2	12109.5	12085.2	12068.4	12015.1	11878.1	11713.7	11467.2	11289.0	11027.2
65°	12578.3	12519.0	12462.7	12455.0	12450.5	12537.3	12557.0	12441.3	12217.6	11940.5	11639.2
67.5°	12010.6	11977.1	11980.1	11916.2	11955.8	12106.4	12211.5	12179.5	11974.0	11639.2	11255.5
70°	10658.8	10593.4	10660.3	10744.0	10803.4	10890.2	10995.2	11021.1	10833.9	10489.8	10098.7
72.5°	7981.1	7991.8	8055.8	8078.5	8317.6	8293.3	8387.6	8080.1	7944.7	7617.3	7416.4
75°	4199.9	4131.4	4309.5	3932.0	3776.7	3884.8	3581.9	3291.1	3352.0	3402.3	3039.9
77.5°	1484.1	1388.3	1225.4	1160.0	965.1	817.4	668.3	602.8	567.8	549.5	526.7
80°	1065.6	1096.1	1062.5	983.4	835.8	669.7	528.2	417.1	357.7	325.8	304.5
82.5°	1077.7	1198.0	1251.3	1228.5	1094.5	828.1	546.5	348.6	258.8	216.2	200.9
85°	578.4	633.3	608.9	513.0	461.2	275.5	188.8	126.3	106.5	97.4	89.8
87.5°	22.8	18.2	15.2	15.2	16.8	18.2	15.2	16.8	15.2	15.2	15.2
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°	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0	1399.0
2.5°	1403.5	1403.5	1403.5	1402.0	1399.0	1391.3	1383.7	1377.6	1373.1	1368.5	1362.4
5°	1430.9	1427.9	1427.9	1427.9	1415.6	1403.5	1392.8	1382.2	1373.1	1365.5	1359.4
7.5°	1476.6	1475.0	1469.0	1467.5	1458.3	1438.5	1426.3	1408.1	1397.4	1386.7	1383.7
10°	1531.4	1529.8	1528.3	1526.8	1514.6	1494.8	1479.6	1462.9	1447.7	1432.4	1417.2
12.5°	1595.3	1593.8	1592.2	1587.7	1583.1	1572.4	1555.8	1537.5	1519.2	1487.3	1470.5
15°	1674.5	1677.5	1674.5	1673.0	1669.9	1671.4	1660.7	1634.9	1606.0	1564.9	1529.8
17.5°	1779.5	1776.5	1774.9	1781.0	1779.5	1787.2	1784.0	1750.6	1706.4	1641.0	1580.1
20°	1895.2	1895.2	1901.2	1905.9	1919.6	1939.4	1930.3	1889.1	1808.4	1717.1	1637.9
22.5°	2033.7	2036.8	2042.9	2039.8	2061.1	2093.1	2096.2	2038.3	1933.3	1806.9	1695.8
25°	2178.3	2181.3	2175.3	2184.5	2219.5	2265.1	2274.2	2192.0	2053.5	1889.1	1744.5
27.5°	2315.3	2318.3	2318.3	2330.6	2364.0	2441.7	2450.8	2359.5	2175.3	1960.6	1779.5
30°	2449.3	2461.5	2464.6	2467.6	2517.8	2625.9	2645.7	2513.3	2281.9	2013.9	1803.8
32.5°	2618.2	2622.8	2628.9	2636.6	2694.4	2826.8	2826.8	2645.7	2350.4	2047.5	1808.4
35°	2799.4	2800.9	2814.6	2816.2	2898.3	3030.8	3005.0	2755.2	2399.1	2039.8	1774.9
37.5°	2909.0	2915.1	2928.8	2947.0	3033.9	3221.0	3161.8	2849.6	2408.2	1989.5	1698.9
40°	3044.5	3056.7	3070.4	3088.6	3218.0	3414.4	3294.2	2909.0	2370.2	1890.7	1584.7
42.5°	3190.7	3207.4	3228.7	3262.2	3416.0	3584.9	3394.6	2918.1	2283.4	1779.5	1449.2
45°	3355.0	3385.5	3409.8	3449.4	3623.0	3732.5	3455.5	2864.9	2173.8	1633.4	1304.6
47.5°	3545.3	3569.6	3612.3	3654.9	3828.5	3833.1	3461.6	2761.3	2024.6	1487.3	1150.8
50°	3779.8	3794.9	3858.9	3884.8	4047.7	3938.0	3417.4	2621.3	1867.8	1322.8	980.3
52.5°	4091.8	4113.2	4195.3	4234.9	4350.6	4081.1	3355.0	2469.1	1688.2	1138.7	805.3
55°	4708.3	4801.1	4859.1	4927.6	5002.1	4405.4	3327.7	2306.2	1485.7	925.5	637.8
57.5°	6439.2	6408.7	6536.6	6691.8	6690.3	5146.7	3492.0	2166.1	1246.7	707.9	490.2
60°	9017.8	9046.7	8981.2	9074.1	8778.9	6066.2	3717.3	2018.5	977.3	526.7	374.5
62.5°	10934.3	10766.8	10674.0	10564.5	9914.4	6166.6	3553.0	1715.5	710.9	369.9	287.7
65°	11388.0	11191.6	10992.1	10783.6	9803.3	5559.3	2915.1	1258.9	459.7	254.2	228.3
67.5°	10940.4	10625.3	10371.1	10156.5	8982.8	4607.9	2131.2	773.3	263.3	205.5	194.8
70°	9780.4	9431.8	9020.8	8780.3	7564.0	3396.2	1365.5	417.1	202.5	182.7	178.1
72.5°	7159.2	6873.0	6423.9	6148.4	5431.4	2064.1	762.7	234.4	188.8	175.0	169.0
75°	2788.8	2639.6	2452.3	2467.6	2202.7	913.4	345.6	202.5	184.1	172.0	165.9
77.5°	479.5	467.4	432.3	432.3	491.7	333.4	229.8	203.9	182.7	169.0	158.3
80°	287.7	281.7	267.9	264.9	255.8	234.4	220.7	207.0	179.6	159.8	146.1
82.5°	188.8	181.1	176.6	175.0	190.3	205.5	207.0	205.5	170.5	138.5	118.8
85°	80.7	80.7	80.7	82.2	109.6	165.9	170.5	182.7	140.0	108.1	85.3
87.5°	13.7	16.8	16.8	18.2	19.8	36.6	45.7	59.4	47.2	45.7	41.1
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):

	165°	175°	180°
0°	1399.0	1399.0	1399.0
2.5°	1360.9	1357.8	1357.8
5°	1356.4	1353.3	1354.8
7.5°	1374.6	1368.5	1370.1
10°	1408.1	1402.0	1399.0
12.5°	1450.7	1443.1	1443.1
15°	1494.8	1476.6	1475.0
17.5°	1531.4	1508.6	1505.5
20°	1572.4	1542.1	1537.5
22.5°	1610.6	1569.4	1563.3
25°	1637.9	1587.7	1580.1
27.5°	1650.2	1590.8	1584.7
30°	1659.3	1592.2	1583.1
32.5°	1650.2	1578.5	1571.0
35°	1599.9	1522.3	1517.7
37.5°	1513.2	1426.3	1420.3
40°	1399.0	1307.6	1292.4
42.5°	1252.8	1167.6	1150.8
45°	1111.2	1013.8	1006.2
47.5°	959.1	866.1	870.8
50°	799.2	715.4	713.9
52.5°	646.9	573.9	569.3
55°	509.9	458.2	453.7
57.5°	403.4	376.0	371.4
60°	328.8	315.1	310.6
62.5°	264.9	260.3	258.8
65°	220.7	220.7	220.7
67.5°	191.8	193.4	193.4
70°	176.6	178.1	176.6
72.5°	170.5	175.0	175.0
75°	165.9	169.0	162.9
77.5°	162.9	164.4	153.8
80°	161.3	159.8	140.0
82.5°	140.0	135.4	118.8
85°	127.9	97.4	82.2
87.5°	65.5	45.7	35.0
90°	0.0	0.0	0.0

(END OF REPORT)