

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: P149904

Luminaire Tested: **VXS-F05-LED-E1-SL2-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P149904
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33678)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: VXS-F05-LED-E1-SL2-7030
Description: VISION SITE SMALL LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (35) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11517.6 lumens
Efficiency: N/A
Efficacy: 86.4 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): 133.3
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

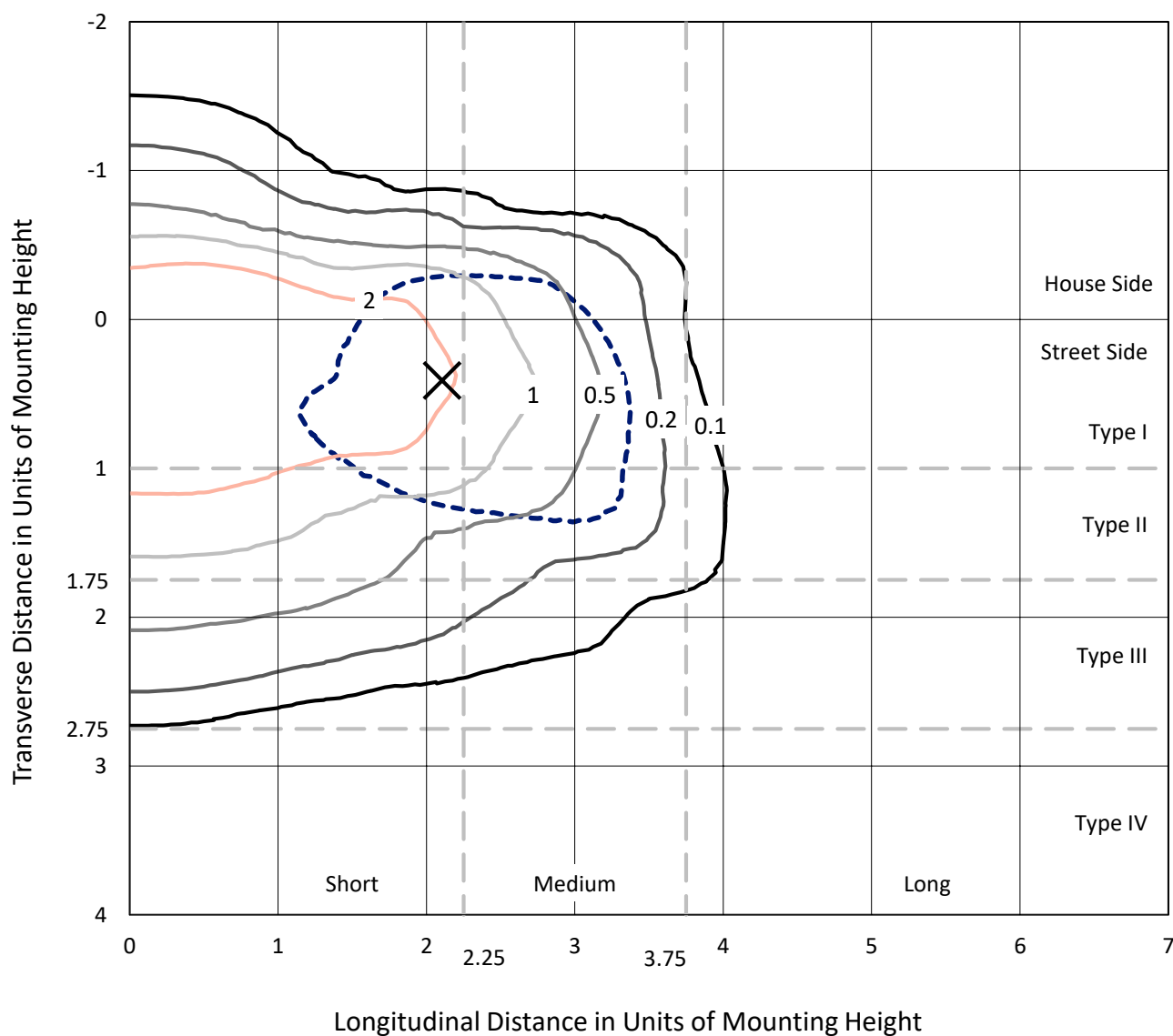


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

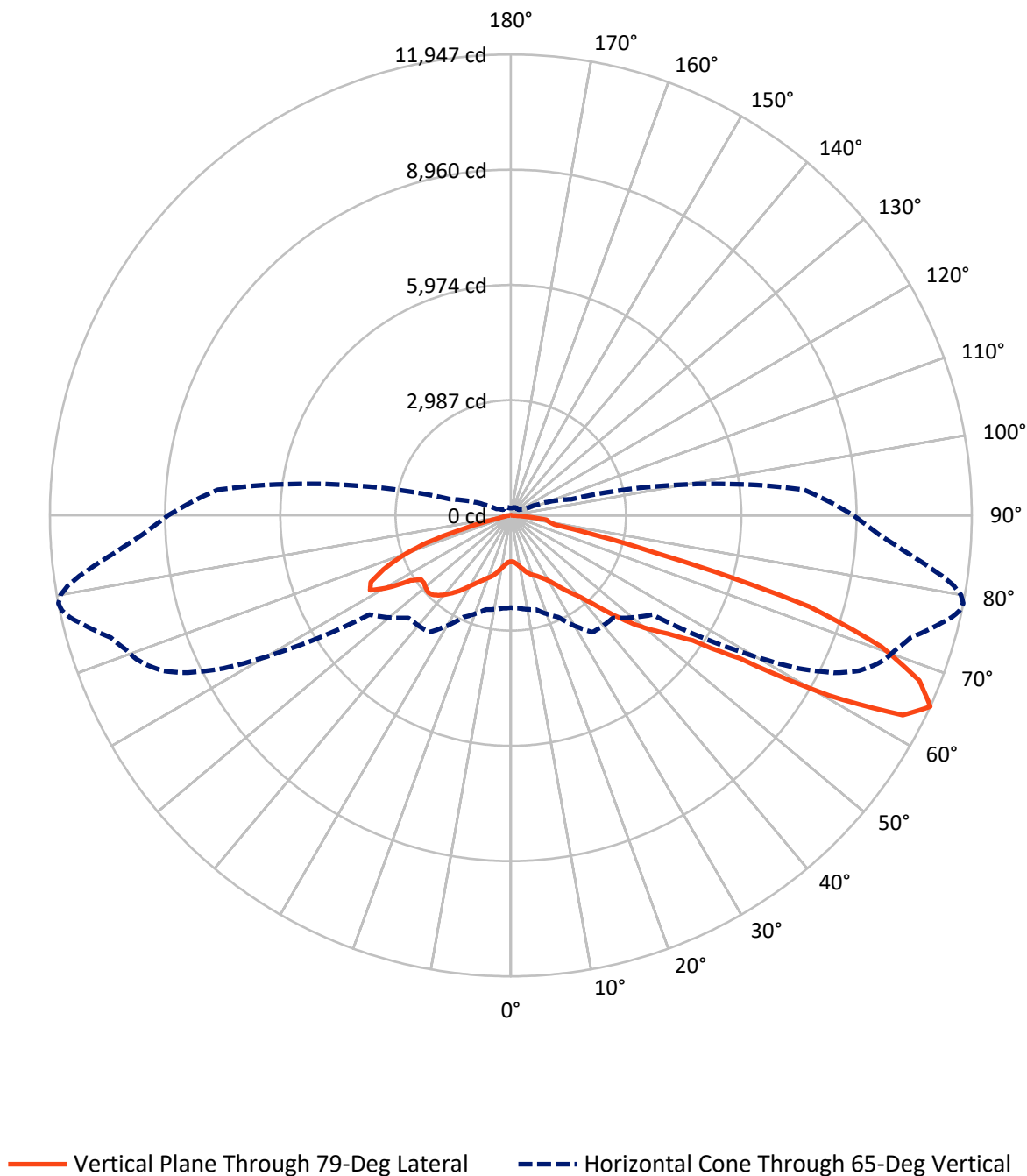


Based on 20 foot mounting height. Maximum calculated value = 4 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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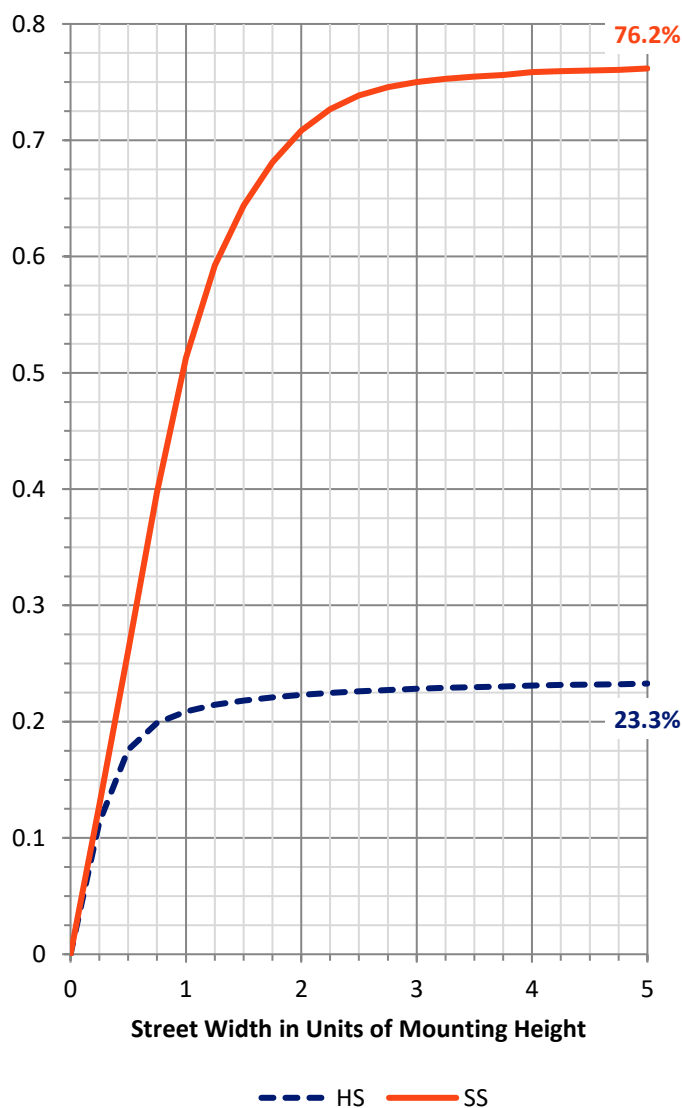
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2722.7	0.0	2722.7
	% Fixture	23.6	0.0	23.6
Street Side	Lumens	8794.9	0.0	8794.9
	% Fixture	76.4	0.0	76.4
Total	Lumens	11517.6	0.0	11517.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.2	1.0
10°-20°	389.7	3.4
20°-30°	673.1	5.8
30°-40°	1114.1	9.7
40°-50°	1889.5	16.4
50°-60°	2510.5	21.8
60°-70°	3243.0	28.2
70°-80°	1360.1	11.8
80°-90°	218.5	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°	11517.6	100.0
0°-180°	11517.6	100.0

Coefficient of Utilization



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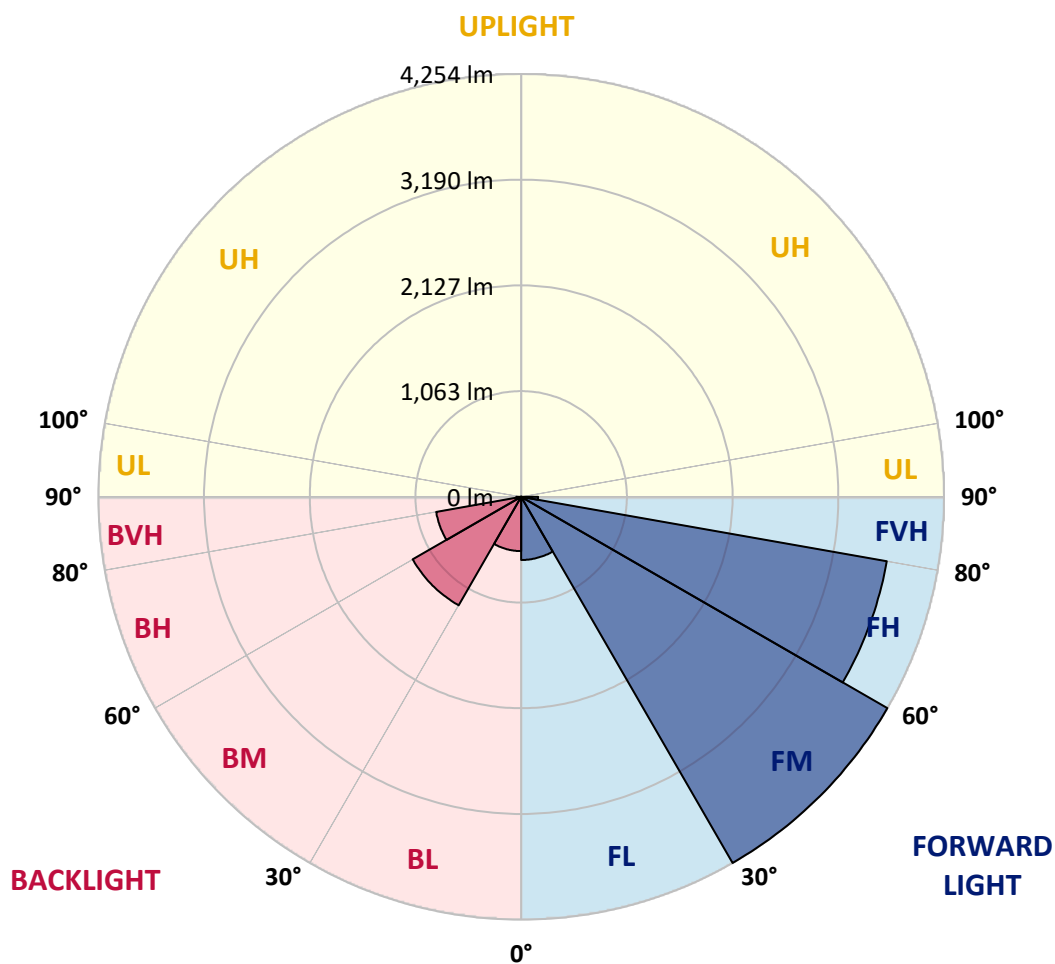
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	635.5	5.5			
FM	(30°-60°)	4253.8	36.9			
FH	(60°-80°)	3734.7	32.4			G2/5000
FVH	(80°-90°)	170.8	1.5			G2/225
BL	(0°-30°)	546.4	4.7	B2/1000		
BM	(30°-60°)	1260.3	10.9	B2/2500		
BH	(60°-80°)	868.4	7.5	B2/1000		G2/1000
BVH	(80°-90°)	47.7	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-G2

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9
2.5°	1195.1	1198.9	1196.4	1198.9	1201.3	1202.6	1205.2	1203.8	1203.8	1205.2	1202.6
5°	1195.1	1195.1	1198.9	1205.2	1207.7	1215.2	1223.9	1222.7	1223.9	1222.7	1225.3
7.5°	1220.2	1219.0	1222.7	1230.3	1232.7	1244.0	1259.2	1261.7	1264.1	1264.1	1268.0
10°	1264.1	1262.9	1266.7	1270.5	1274.3	1283.0	1304.5	1313.2	1314.5	1315.8	1320.7
12.5°	1319.5	1318.2	1313.2	1313.2	1311.9	1328.3	1357.2	1373.6	1376.1	1381.0	1384.9
15°	1358.4	1354.7	1347.2	1342.1	1348.4	1374.8	1417.5	1436.4	1438.9	1442.6	1452.6
17.5°	1396.2	1392.3	1376.1	1363.5	1372.2	1415.0	1472.8	1493.0	1497.9	1501.7	1513.1
20°	1448.9	1446.4	1422.5	1392.3	1389.8	1445.2	1515.5	1541.9	1545.7	1550.7	1562.1
22.5°	1529.3	1518.0	1490.4	1433.9	1406.2	1462.8	1545.7	1582.2	1587.2	1592.2	1607.3
25°	1629.8	1624.9	1577.1	1490.4	1432.5	1480.3	1578.3	1623.6	1631.1	1637.4	1657.5
27.5°	1734.2	1726.6	1675.1	1562.1	1479.1	1515.5	1629.8	1681.5	1691.5	1701.6	1720.3
30°	1827.2	1824.7	1782.0	1658.8	1554.5	1582.2	1712.8	1775.6	1786.9	1799.5	1817.1
32.5°	2045.8	2047.0	2003.1	1877.4	1736.7	1702.8	1832.2	1926.4	1931.5	1946.5	1977.9
35°	2464.4	2469.3	2453.0	2353.7	2195.3	2055.9	2068.5	2161.5	2166.4	2179.1	2209.2
37.5°	2744.6	2754.6	2804.9	2836.3	2755.9	2691.7	2532.1	2495.8	2499.5	2491.9	2485.7
40°	2899.1	2914.2	3046.1	3209.5	3297.5	3298.8	3229.6	3068.7	3007.2	2989.5	2914.2
42.5°	2987.0	3012.2	3199.5	3478.4	3731.0	3904.5	3947.2	3768.7	3723.4	3643.0	3498.5
45°	3044.9	3075.0	3296.2	3678.2	4050.2	4345.5	4568.0	4488.8	4458.7	4409.6	4276.4
47.5°	3034.8	3058.7	3288.7	3746.1	4217.3	4637.1	5031.6	5113.4	5076.9	5064.4	4973.9
50°	2851.4	2872.7	3106.4	3577.7	4125.6	4747.7	5325.7	5556.9	5556.9	5580.8	5553.2
52.5°	2655.3	2673.0	2885.3	3308.8	3829.0	4639.6	5489.1	5872.3	5922.6	5964.0	6029.4
55°	2581.1	2602.5	2763.4	3125.3	3576.5	4330.5	5544.4	6108.6	6201.6	6272.0	6420.2
57.5°	2616.4	2637.7	2752.1	3026.0	3428.2	4015.0	5546.8	6426.5	6606.2	6750.8	7051.1
60°	2768.4	2788.5	2884.0	3117.7	3389.2	3832.8	5440.1	6933.0	7219.5	7490.9	7991.1
62.5°	2698.0	2723.2	2862.7	3269.8	3679.5	3694.6	5054.3	7325.1	7786.2	8187.2	8982.6
65°	2390.2	2416.6	2525.9	2906.6	3697.1	3754.9	4482.5	7332.5	7905.6	8447.3	9305.5
67.5°	1814.6	1824.7	1911.4	2216.8	2956.9	3821.5	3894.4	6464.2	7009.6	7614.1	8500.0
70°	927.5	945.0	970.2	1223.9	1903.8	3157.9	3346.4	4763.9	5459.0	6083.4	7147.9
72.5°	321.7	328.0	353.2	467.5	927.5	2072.2	2929.2	3264.8	3684.6	4268.8	5501.7
75°	193.6	193.6	202.3	236.3	423.5	1079.5	2606.3	2666.6	2723.2	2919.2	3726.0
77.5°	153.3	155.9	155.9	162.1	235.0	554.2	1979.3	2479.4	2486.9	2505.8	2641.5
80°	109.3	114.4	124.5	129.4	152.0	304.1	1110.9	2176.5	2324.8	2396.5	2495.8
82.5°	81.7	86.7	105.6	111.8	118.1	169.6	498.9	1501.7	1771.9	1915.1	2264.5
85°	36.5	42.7	71.6	79.2	82.9	90.5	233.8	427.3	491.4	551.7	727.6
87.5°	6.3	6.3	11.3	16.4	23.8	22.6	51.5	72.8	74.1	86.7	96.8
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9
2.5°	1202.6	1202.6	1202.6	1201.3	1202.6	1202.6	1202.6	1202.6	1203.8	1203.8	1203.8
5°	1229.0	1226.5	1227.8	1227.8	1227.8	1226.5	1229.0	1227.8	1229.0	1232.7	1231.5
7.5°	1268.0	1270.5	1271.7	1273.0	1273.0	1273.0	1274.3	1276.8	1276.8	1280.5	1279.3
10°	1325.8	1324.6	1325.8	1329.5	1333.3	1334.6	1338.3	1337.1	1339.6	1344.7	1349.6
12.5°	1387.4	1389.8	1393.7	1397.4	1403.7	1405.0	1408.7	1409.9	1417.5	1417.5	1422.5
15°	1456.5	1457.7	1465.3	1466.5	1474.1	1476.6	1482.9	1485.4	1494.2	1495.4	1500.4
17.5°	1519.3	1521.8	1525.6	1529.3	1538.1	1541.9	1546.9	1552.0	1559.5	1562.1	1570.8
20°	1569.5	1574.6	1575.9	1583.4	1590.9	1596.0	1600.9	1606.0	1613.6	1617.3	1626.1
22.5°	1614.8	1619.8	1623.6	1629.8	1634.9	1642.5	1645.0	1653.8	1661.3	1667.6	1675.1
25°	1663.8	1671.4	1675.1	1686.4	1690.2	1697.7	1704.0	1712.8	1722.9	1730.5	1740.5
27.5°	1733.0	1744.2	1749.2	1761.9	1770.7	1774.4	1784.5	1797.0	1805.8	1814.6	1824.7
30°	1828.4	1849.8	1853.6	1862.4	1878.7	1881.2	1893.8	1903.8	1917.6	1926.4	1935.2
32.5°	1976.7	2003.1	2005.6	2015.6	2029.5	2034.5	2044.6	2055.9	2077.2	2081.0	2094.8
35°	2204.1	2215.4	2225.5	2229.3	2240.6	2246.9	2254.4	2267.0	2288.4	2285.9	2300.9
37.5°	2476.9	2480.6	2481.9	2469.3	2471.8	2460.5	2474.4	2476.9	2484.5	2490.7	2505.8
40°	2866.4	2827.5	2822.5	2792.3	2762.2	2745.8	2739.5	2714.4	2720.6	2723.2	2735.8
42.5°	3435.6	3360.3	3297.5	3254.7	3180.6	3144.1	3095.1	3056.2	3026.0	3037.3	3042.4
45°	4157.0	4048.9	3948.4	3817.7	3720.9	3651.8	3565.2	3487.3	3452.0	3435.6	3455.9
47.5°	4877.1	4781.6	4663.4	4529.0	4375.6	4261.3	4116.8	3989.8	3901.9	3869.2	3886.8
50°	5499.2	5411.2	5322.0	5242.8	5064.4	4939.9	4742.6	4578.0	4439.8	4369.4	4350.6
52.5°	6015.6	5969.1	5921.3	5854.7	5711.5	5587.0	5430.1	5267.9	5084.5	4941.1	4892.1
55°	6476.8	6504.5	6480.6	6481.9	6425.3	6346.1	6213.0	6092.2	5964.0	5802.0	5734.1
57.5°	7149.1	7312.4	7345.2	7426.8	7467.0	7509.7	7547.5	7475.9	7443.2	7322.5	7323.8
60°	8208.5	8447.3	8654.6	8843.1	8997.6	9148.5	9306.8	9377.2	9455.1	9491.5	9616.0
62.5°	9335.6	9563.1	9872.3	10124.9	10266.8	10462.9	10635.1	10746.9	10883.9	11029.6	11219.4
65°	9614.7	9888.6	10083.4	10251.8	10392.5	10496.9	10591.1	10724.2	10838.7	11069.8	11293.6
67.5°	8899.6	9118.3	9296.8	9462.6	9571.9	9659.9	9744.1	9832.1	10028.1	10237.9	10462.9
70°	7639.2	7903.1	8198.4	8413.3	8467.4	8542.7	8623.2	8737.5	8835.5	9055.4	9226.3
72.5°	6137.5	6517.0	6767.0	7064.9	7129.0	7243.3	7288.6	7377.8	7395.4	7514.8	7560.0
75°	4277.6	4712.4	4963.8	5182.5	5225.2	5162.4	5187.5	4872.0	4791.6	4726.3	4673.5
77.5°	2823.7	2940.6	2980.8	2945.6	2777.2	2645.3	2504.6	2366.3	2381.3	2269.5	2073.5
80°	2510.8	2537.2	2500.7	2465.6	2368.8	2230.6	2103.6	1974.2	1910.2	1842.3	1741.8
82.5°	2442.9	2544.8	2556.1	2513.3	2436.7	2285.9	2132.5	1940.3	1776.9	1626.1	1472.8
85°	816.8	994.0	1073.2	1147.4	1169.9	1196.4	1105.9	982.7	834.4	735.1	575.5
87.5°	104.4	129.4	149.5	128.2	149.5	176.0	126.9	142.0	143.2	89.2	66.6
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9
2.5°	1205.2	1203.8	1203.8	1203.8	1202.6	1203.8	1203.8	1203.8	1203.8	1203.8	1202.6
5°	1232.7	1232.7	1236.6	1237.8	1235.3	1234.0	1235.3	1236.6	1236.6	1235.3	1236.6
7.5°	1284.4	1285.6	1288.1	1291.8	1289.3	1290.6	1291.8	1290.6	1294.4	1295.6	1294.4
10°	1349.6	1352.1	1358.4	1359.7	1358.4	1363.5	1364.8	1362.2	1364.8	1364.8	1369.7
12.5°	1425.1	1427.6	1435.1	1437.6	1440.1	1441.3	1445.2	1446.4	1450.2	1452.6	1456.5
15°	1506.7	1509.2	1514.3	1523.1	1525.6	1528.1	1530.6	1538.1	1539.4	1544.5	1548.2
17.5°	1575.9	1579.6	1587.2	1593.5	1597.2	1603.5	1606.0	1614.8	1617.3	1624.9	1631.1
20°	1631.1	1637.4	1643.7	1651.3	1657.5	1665.1	1667.6	1676.4	1681.5	1685.2	1692.7
22.5°	1681.5	1688.9	1697.7	1706.5	1711.6	1721.7	1725.4	1729.1	1740.5	1745.5	1753.1
25°	1746.7	1754.3	1764.4	1775.6	1780.7	1793.3	1797.0	1803.3	1815.9	1820.9	1832.2
27.5°	1836.0	1846.0	1853.6	1864.9	1871.2	1880.0	1888.7	1896.3	1907.6	1915.1	1927.7
30°	1947.8	1955.3	1967.9	1976.7	1986.7	1999.4	2009.4	2016.9	2023.2	2034.5	2048.4
32.5°	2112.4	2113.7	2117.5	2138.9	2148.9	2159.0	2172.7	2179.1	2189.1	2200.4	2215.4
35°	2317.3	2328.6	2337.4	2347.5	2358.8	2370.1	2375.1	2393.9	2402.7	2417.8	2432.8
37.5°	2520.8	2522.1	2542.2	2548.5	2558.5	2569.8	2587.5	2606.3	2628.9	2644.0	2667.9
40°	2739.5	2749.5	2774.7	2787.3	2799.8	2827.5	2841.3	2871.5	2909.1	2930.6	2970.8
42.5°	3056.2	3071.3	3116.5	3136.6	3166.7	3212.0	3240.9	3282.4	3297.5	3349.0	3367.9
45°	3470.9	3517.4	3582.7	3625.5	3679.5	3728.5	3753.7	3772.4	3795.1	3835.3	3830.3
47.5°	3919.5	3979.8	4052.7	4140.7	4175.9	4233.7	4266.3	4302.8	4282.7	4272.6	4262.6
50°	4379.5	4449.8	4546.6	4625.7	4679.8	4714.9	4742.6	4737.6	4694.8	4672.2	4609.4
52.5°	4890.9	4932.3	5024.1	5092.0	5124.7	5132.2	5125.9	5088.2	5048.0	4976.4	4902.2
55°	5675.0	5656.2	5692.6	5724.0	5714.0	5749.2	5658.8	5623.5	5524.2	5431.3	5332.0
57.5°	7268.5	7293.7	7090.1	6998.3	6982.0	7014.6	6855.0	6834.9	6594.9	6564.8	6397.6
60°	9598.3	9721.5	9561.9	9472.6	9231.4	9152.2	8973.8	8899.6	8669.6	8483.7	8248.7
62.5°	11350.2	11462.0	11528.6	11401.7	11260.9	11053.6	10783.3	10484.2	10240.5	9955.2	9706.4
65°	11508.5	11734.6	11888.0	11947.0	11847.8	11620.3	11287.3	10910.3	10537.1	10178.9	9864.8
67.5°	10768.3	10970.6	11208.1	11420.5	11433.1	11284.8	11000.7	10617.5	10186.4	9744.1	9376.0
70°	9496.6	9750.4	9957.7	10181.5	10337.2	10251.8	10109.8	9757.9	9310.6	8966.2	8542.7
72.5°	7723.4	7830.3	7880.5	8100.4	8102.9	7947.0	7846.5	7651.8	7291.1	7047.4	6724.4
75°	4510.2	4275.1	4025.1	3807.7	3630.5	3556.4	3227.0	3171.8	2950.7	2813.7	2612.5
77.5°	1859.9	1649.9	1379.8	1154.8	932.4	831.9	686.1	622.1	539.1	502.7	478.8
80°	1594.7	1396.2	1192.5	997.8	824.4	651.0	506.4	393.4	309.1	262.6	243.8
82.5°	1301.9	1182.5	1040.5	934.9	799.3	669.8	565.5	438.5	328.0	241.2	184.8
85°	469.9	385.8	310.4	285.3	227.5	187.3	157.1	134.5	110.6	88.0	77.9
87.5°	52.7	50.3	28.9	27.7	31.4	22.6	26.4	23.8	20.1	17.6	18.9
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):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9	1198.9
2.5°	1202.6	1202.6	1203.8	1203.8	1205.2	1206.4	1208.9	1207.7	1207.7	1208.9	1208.9
5°	1236.6	1240.3	1239.1	1239.1	1239.1	1240.3	1241.6	1236.6	1231.5	1226.5	1223.9
7.5°	1295.6	1298.1	1300.6	1298.1	1300.6	1299.4	1296.9	1283.0	1266.7	1246.6	1232.7
10°	1372.2	1372.2	1374.8	1373.6	1378.5	1374.8	1367.3	1335.9	1300.6	1257.9	1226.5
12.5°	1455.2	1464.0	1460.2	1461.5	1471.5	1461.5	1443.9	1397.4	1334.6	1265.5	1210.2
15°	1553.3	1557.0	1559.5	1555.8	1562.1	1553.3	1521.8	1447.7	1356.0	1259.2	1177.5
17.5°	1633.7	1634.9	1636.2	1638.7	1647.5	1637.4	1583.4	1482.9	1360.9	1230.3	1122.2
20°	1696.5	1702.8	1707.8	1707.8	1720.3	1705.3	1633.7	1500.4	1344.7	1182.5	1051.8
22.5°	1761.9	1766.8	1773.2	1774.4	1790.8	1775.6	1675.1	1496.7	1301.9	1114.6	970.2
25°	1842.3	1847.3	1852.3	1858.5	1881.2	1859.9	1716.6	1481.6	1242.8	1034.2	882.2
27.5°	1935.2	1946.5	1950.4	1960.4	1986.7	1954.1	1751.8	1459.0	1177.5	941.2	789.2
30°	2059.7	2073.5	2078.5	2092.3	2128.8	2057.1	1771.9	1420.0	1094.5	846.9	689.9
32.5°	2226.8	2245.6	2260.7	2275.9	2317.3	2160.2	1774.4	1363.5	997.8	741.5	594.4
35°	2445.5	2474.4	2485.7	2495.8	2534.7	2272.0	1763.1	1279.3	879.7	633.4	519.0
37.5°	2690.5	2719.4	2726.9	2732.0	2739.5	2367.6	1735.4	1151.1	746.4	539.1	458.7
40°	2992.1	3017.2	3027.3	3019.8	2979.5	2441.7	1673.9	1001.6	617.0	475.0	420.9
42.5°	3360.3	3398.0	3401.8	3367.9	3234.6	2483.1	1550.7	825.6	515.2	428.5	392.1
45°	3816.5	3814.0	3792.5	3768.7	3512.3	2466.8	1378.5	672.3	451.1	392.1	365.7
47.5°	4226.1	4183.4	4150.8	4080.3	3757.4	2371.3	1156.2	556.7	412.2	364.5	343.1
50°	4561.7	4483.7	4414.6	4337.9	3939.6	2201.7	934.9	472.5	375.8	340.5	321.7
52.5°	4826.8	4732.5	4652.1	4576.8	4115.5	2013.2	766.5	410.9	340.5	316.7	297.8
55°	5241.6	5147.3	5019.1	4936.2	4384.5	1839.8	657.2	361.9	306.6	291.5	272.7
57.5°	6290.8	6207.9	6054.6	5839.7	5075.6	1774.4	595.6	324.2	279.0	270.2	255.1
60°	8123.0	7988.6	7788.7	7570.1	6480.6	1818.3	546.6	297.8	260.1	252.5	241.2
62.5°	9505.4	9269.1	9042.9	8840.6	7604.0	1817.1	482.6	277.7	246.3	242.5	231.2
65°	9561.9	9321.9	9094.4	8882.1	7629.1	1617.3	407.2	260.1	243.8	242.5	223.7
67.5°	9054.2	8794.1	8574.2	8306.5	7062.4	1264.1	326.7	248.8	253.9	251.3	221.1
70°	8224.8	7885.5	7704.6	7440.6	6215.4	884.7	268.9	252.5	275.2	267.7	225.0
72.5°	6455.4	6199.1	5923.8	5740.4	4865.8	559.2	226.2	255.1	284.0	271.4	235.0
75°	2402.7	2471.8	2358.8	2318.5	2471.8	328.0	201.0	237.5	253.9	235.0	213.7
77.5°	485.1	463.7	439.8	434.8	561.8	202.3	184.8	206.1	194.8	172.1	173.4
80°	232.4	226.2	218.7	217.4	208.6	168.4	170.9	176.0	147.0	133.2	142.0
82.5°	154.6	145.8	143.2	138.2	140.7	150.8	162.1	150.8	113.1	105.6	128.2
85°	71.6	69.1	67.9	67.9	75.4	135.8	134.5	110.6	77.9	75.4	128.2
87.5°	17.6	17.6	18.9	17.6	20.1	40.2	35.2	33.9	28.9	32.6	60.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P149904

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CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	1198.9	1198.9	1198.9
2.5°	1207.7	1208.9	1207.7
5°	1219.0	1219.0	1219.0
7.5°	1219.0	1215.2	1213.9
10°	1201.3	1190.1	1190.1
12.5°	1171.2	1152.3	1149.8
15°	1114.6	1089.5	1085.7
17.5°	1043.0	1009.1	1002.8
20°	962.6	919.9	912.3
22.5°	874.6	825.6	821.9
25°	787.9	737.6	727.6
27.5°	691.2	642.2	637.1
30°	594.4	551.7	549.1
32.5°	512.7	486.3	481.3
35°	454.9	439.8	433.6
37.5°	417.2	405.9	404.7
40°	388.3	378.2	377.0
42.5°	364.5	355.6	354.4
45°	340.5	333.1	330.5
47.5°	316.7	309.1	307.9
50°	295.3	285.3	284.0
52.5°	275.2	265.2	262.6
55°	256.4	246.3	246.3
57.5°	240.0	229.9	228.7
60°	225.0	214.9	213.7
62.5°	213.7	201.0	199.8
65°	204.9	192.2	189.7
67.5°	199.8	184.8	180.9
70°	208.6	180.9	174.7
72.5°	209.8	177.2	168.4
75°	202.3	167.2	160.8
77.5°	177.2	149.5	143.2
80°	153.3	115.6	106.8
82.5°	145.8	94.3	81.7
85°	113.1	61.6	57.8
87.5°	64.0	33.9	27.7
90°	0.0	0.0	0.0

(END OF REPORT)