

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: P151038

Luminaire Tested: **VXS-E05-LED-E1-SL3-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P151038
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: VXS-E05-LED-E1-SL3-8030
Description: VISION SITE SMALL LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (105) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12812.5 lumens
Efficiency: N/A
Efficacy: 100.6 lumens/watt
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-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

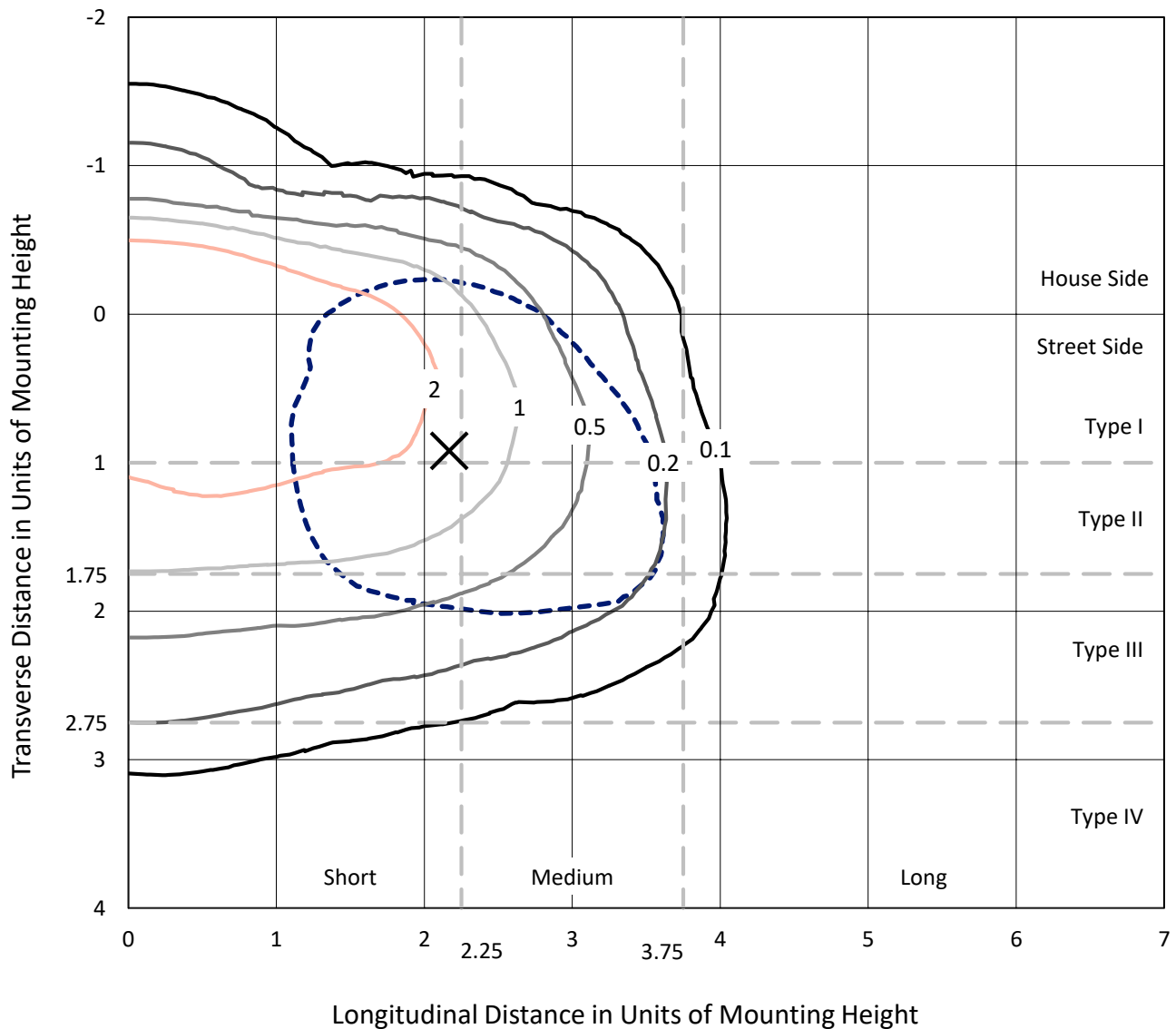


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

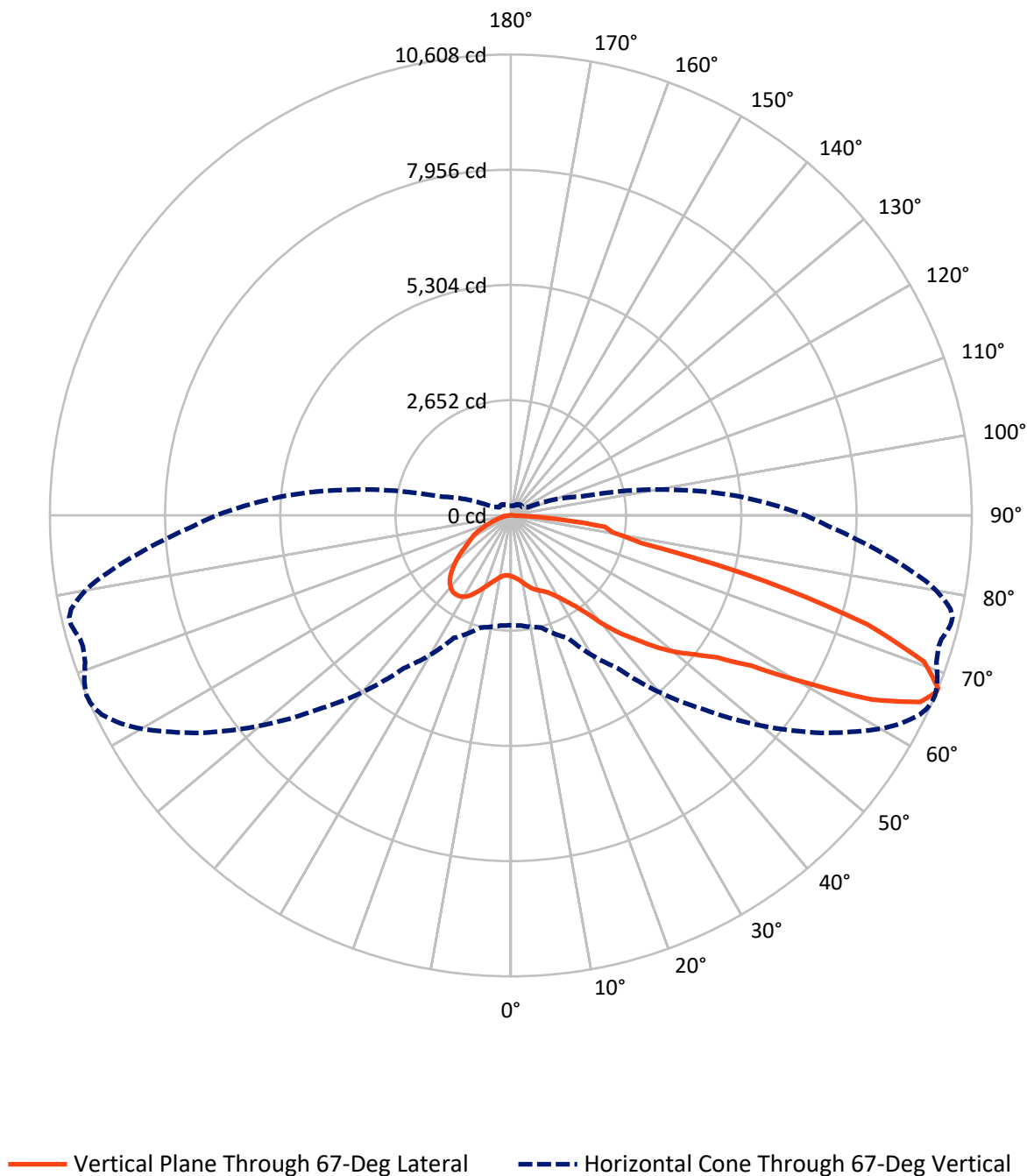


Based on 20 foot mounting height. Maximum calculated value = 4.5 fc
Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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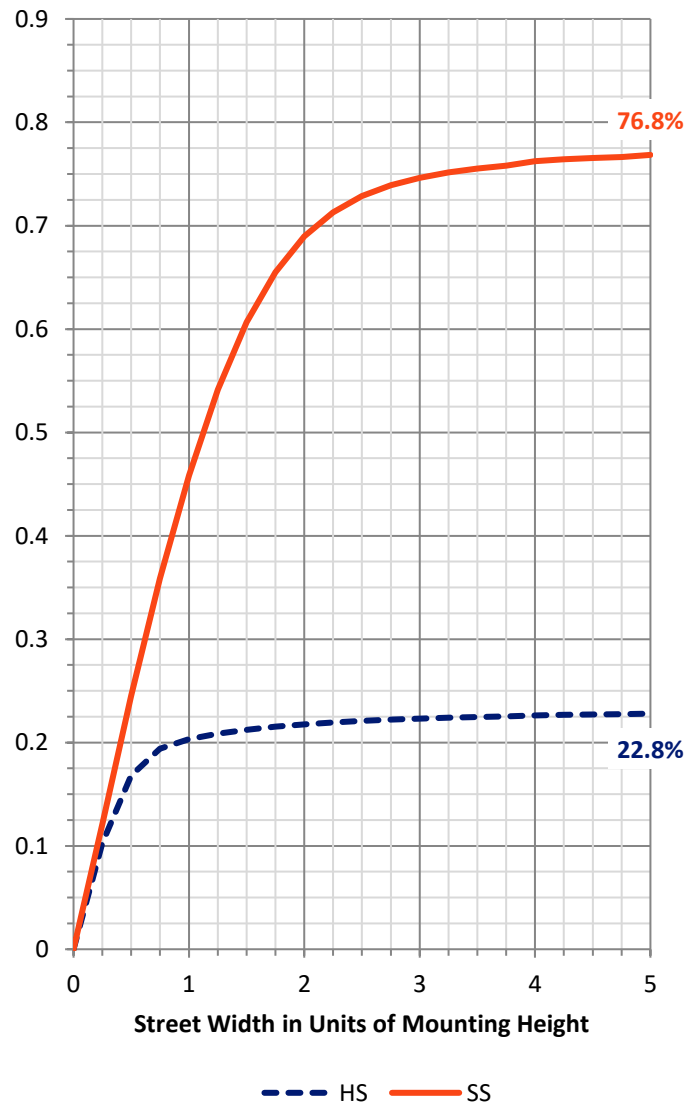
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2956.7	0.0	2956.7
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	9855.8	0.0	9855.8
	% Fixture	76.9	0.0	76.9
Total	Lumens	12812.5	0.0	12812.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.4	1.1
10°-20°	477.8	3.7
20°-30°	843.7	6.6
30°-40°	1211.0	9.5
40°-50°	1839.3	14.4
50°-60°	2708.0	21.1
60°-70°	3598.9	28.1
70°-80°	1760.7	13.7
80°-90°	233.8	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°	12812.5	100.0
0°-180°	12812.5	100.0

Coefficient of Utilization



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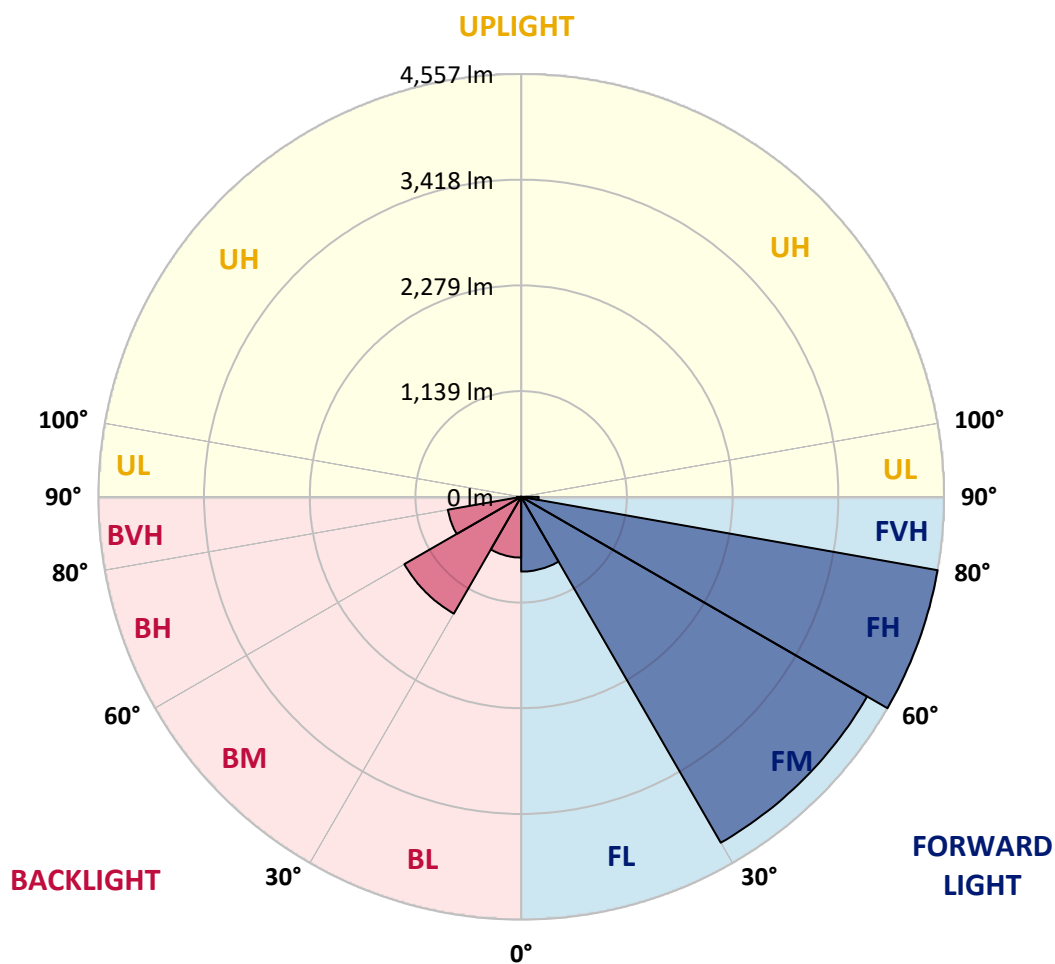
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	806.0	6.3			
FM	(30°-60°)	4304.7	33.6			
FH	(60°-80°)	4557.3	35.6			G2/5000
FVH	(80°-90°)	187.8	1.5			G2/225
BL	(0°-30°)	654.8	5.1	B2/1000		
BM	(30°-60°)	1453.6	11.3	B2/2500		
BH	(60°-80°)	802.2	6.3	B2/1000		G2/1000
BVH	(80°-90°)	46.0	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-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6
2.5°	1465.7	1467.2	1464.4	1462.9	1454.5	1446.0	1440.4	1433.4	1433.4	1433.4	1430.6
5°	1548.7	1543.1	1547.4	1537.5	1520.6	1505.1	1489.6	1477.0	1474.2	1474.2	1468.5
7.5°	1648.6	1641.6	1638.8	1624.7	1599.4	1576.9	1545.9	1533.3	1526.2	1523.4	1520.6
10°	1769.5	1769.5	1751.3	1727.4	1693.6	1654.2	1620.4	1597.9	1596.6	1596.6	1583.9
12.5°	1893.4	1896.2	1872.2	1848.3	1793.5	1741.5	1702.1	1676.7	1675.3	1669.7	1662.7
15°	2007.3	2000.2	1984.8	1949.6	1889.1	1827.3	1778.0	1752.6	1747.0	1741.5	1737.2
17.5°	2101.6	2094.5	2074.8	2029.8	1966.5	1893.4	1832.8	1806.1	1803.3	1800.5	1794.9
20°	2160.6	2155.0	2126.8	2074.8	2008.7	1934.2	1869.4	1851.2	1845.5	1845.5	1842.7
22.5°	2194.4	2185.9	2145.2	2076.3	2011.5	1956.7	1903.2	1891.9	1887.8	1889.1	1889.1
25°	2211.3	2204.2	2146.5	2048.1	1986.2	1970.7	1948.2	1941.1	1942.6	1944.0	1946.8
27.5°	2214.1	2204.2	2136.7	2011.5	1953.9	1997.4	2013.0	2024.1	2024.1	2029.8	2039.7
30°	2193.0	2181.8	2117.0	1983.4	1939.8	2050.9	2112.7	2142.3	2153.6	2150.8	2173.3
32.5°	2156.4	2149.3	2097.3	1983.4	1979.2	2156.4	2266.1	2308.3	2314.0	2316.8	2342.1
35°	2143.7	2142.3	2119.8	2050.9	2101.6	2342.1	2509.4	2541.9	2548.8	2548.8	2567.2
37.5°	2140.9	2148.0	2173.3	2177.5	2316.8	2617.8	2837.2	2886.4	2886.4	2900.5	2900.5
40°	2140.9	2156.4	2252.0	2366.0	2579.8	2976.5	3280.3	3336.6	3336.6	3352.0	3343.6
42.5°	2223.9	2246.4	2403.9	2620.6	2911.8	3346.4	3695.2	3758.5	3762.8	3758.5	3771.2
45°	2387.0	2406.7	2598.1	2908.9	3253.6	3743.1	4091.9	4167.9	4152.4	4162.3	4166.5
47.5°	2603.7	2634.6	2852.6	3224.0	3586.9	4110.3	4536.5	4605.4	4599.8	4603.9	4585.7
50°	2834.4	2866.7	3110.2	3536.4	3919.0	4405.6	4893.8	4996.5	4986.5	4993.6	5003.4
52.5°	3038.3	3058.0	3293.0	3771.2	4170.7	4681.3	5168.1	5296.1	5318.5	5321.3	5328.4
55°	3159.4	3183.2	3398.4	3888.0	4353.6	4951.4	5481.8	5675.9	5719.5	5730.7	5761.7
57.5°	3201.6	3226.8	3422.4	3904.9	4453.5	5204.6	5919.2	6261.0	6297.6	6358.0	6456.6
60°	3200.1	3226.8	3397.1	3866.8	4554.7	5518.3	6600.0	7172.5	7358.2	7420.1	7560.7
62.5°	3069.3	3100.3	3273.3	3751.5	4684.1	5919.2	7612.8	8493.4	8732.5	8845.0	8997.0
65°	2782.4	2804.9	2966.6	3459.0	4647.6	6314.5	8459.6	9558.2	9776.3	9940.8	10212.3
67°	2527.8	2541.9	2668.4	3113.0	4290.3	6328.5	8726.8	9822.7	10012.5	10186.9	10466.9
67.5°	2463.0	2492.5	2591.1	3007.5	4156.7	6248.4	8708.6	9781.9	9976.0	10157.4	10452.8
70°	2004.5	2046.6	2096.0	2375.9	3267.7	5256.7	8062.9	9075.8	9245.9	9414.7	9826.8
72.5°	1236.5	1312.4	1322.3	1499.5	2126.8	3633.4	6524.0	7653.6	7781.6	7902.6	8324.6
75°	728.6	739.9	775.0	918.5	1247.7	2171.9	4377.5	5685.7	5803.8	5862.9	6193.5
77.5°	406.5	417.8	447.4	571.1	959.4	1462.9	2548.8	3340.8	3412.5	3487.0	3433.7
80°	168.8	184.2	198.3	230.7	448.7	1154.8	1752.6	2124.0	2170.5	2214.1	2268.9
82.5°	81.6	87.3	106.9	122.4	163.2	474.1	1374.3	1841.3	1896.2	1959.5	2087.5
85°	38.0	42.2	59.1	70.4	78.8	119.6	460.0	896.1	972.0	986.1	1011.4
87.5°	2.8	2.8	7.0	9.8	14.1	15.4	47.9	67.6	76.0	68.9	87.3
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°	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6
2.5°	1429.1	1427.8	1425.0	1425.0	1423.5	1423.5	1423.5	1420.7	1420.7	1420.7	1419.3
5°	1467.2	1465.7	1461.6	1461.6	1458.7	1458.7	1454.5	1453.1	1450.3	1450.3	1448.8
7.5°	1516.4	1514.9	1509.3	1509.3	1505.1	1503.7	1500.9	1496.7	1496.7	1493.9	1491.1
10°	1583.9	1579.7	1578.2	1571.2	1572.6	1569.8	1567.0	1562.8	1560.0	1557.2	1554.3
12.5°	1659.9	1659.9	1652.8	1648.6	1651.4	1648.6	1643.0	1641.6	1637.3	1637.3	1633.2
15°	1731.6	1731.6	1728.8	1723.1	1724.6	1720.3	1719.0	1716.2	1710.5	1711.9	1710.5
17.5°	1793.5	1793.5	1789.2	1786.4	1786.4	1782.2	1783.6	1780.8	1778.0	1776.6	1772.3
20°	1842.7	1842.7	1839.9	1837.1	1838.4	1838.4	1834.3	1834.3	1834.3	1831.5	1831.5
22.5°	1890.6	1891.9	1891.9	1891.9	1893.4	1894.7	1893.4	1896.2	1894.7	1897.6	1897.6
25°	1953.9	1958.0	1960.8	1960.8	1967.9	1969.3	1970.7	1974.9	1974.9	1979.2	1980.5
27.5°	2048.1	2050.9	2062.2	2065.0	2066.3	2077.6	2079.1	2084.7	2090.3	2091.7	2093.1
30°	2177.5	2184.6	2193.0	2198.5	2198.5	2212.6	2218.2	2215.4	2231.0	2235.1	2240.8
32.5°	2350.5	2356.2	2364.6	2370.3	2375.9	2382.9	2384.2	2391.3	2403.9	2415.2	2408.2
35°	2568.5	2582.6	2568.5	2584.0	2588.3	2598.1	2595.2	2603.7	2609.3	2613.6	2612.1
37.5°	2885.1	2878.0	2875.2	2869.5	2859.7	2893.5	2876.6	2875.2	2866.7	2890.7	2875.2
40°	3301.5	3305.6	3309.8	3287.4	3274.7	3274.7	3270.5	3255.0	3248.0	3269.0	3266.2
42.5°	3736.1	3740.3	3720.6	3706.5	3674.2	3669.9	3650.3	3646.0	3639.0	3650.3	3639.0
45°	4131.3	4134.2	4090.6	4097.6	4072.2	4076.5	4045.5	4058.2	4041.3	4052.5	4073.7
47.5°	4573.1	4578.7	4540.6	4556.2	4530.8	4515.3	4514.0	4522.4	4504.1	4515.3	4520.9
50°	4973.9	4966.8	4947.2	4951.4	4940.2	4943.0	4926.1	4941.6	4920.5	4943.0	4940.2
52.5°	5329.8	5321.3	5317.1	5331.2	5321.3	5321.3	5311.5	5318.5	5321.3	5355.1	5362.2
55°	5761.7	5768.7	5775.8	5801.0	5812.3	5794.0	5812.3	5847.5	5848.8	5929.0	5972.6
57.5°	6455.1	6504.4	6529.6	6545.2	6611.3	6604.2	6646.4	6730.8	6739.3	6925.0	7033.3
60°	7664.9	7752.0	7835.0	7790.1	7923.6	7964.5	7989.7	8147.4	8196.6	8372.4	8466.6
62.5°	9192.4	9202.3	9331.7	9291.0	9366.9	9348.6	9379.6	9451.3	9516.0	9660.9	9749.5
65°	10258.8	10305.1	10355.8	10303.7	10302.3	10240.4	10201.0	10199.6	10239.1	10269.9	10368.4
67°	10548.5	10594.9	10607.6	10569.5	10514.7	10436.0	10362.8	10324.9	10299.5	10313.6	10375.4
67.5°	10545.7	10589.2	10604.8	10568.2	10492.2	10426.1	10348.7	10305.1	10271.4	10278.4	10330.5
70°	9946.4	10040.7	10091.3	10102.6	10092.7	9977.4	9911.3	9871.9	9843.7	9774.8	9770.6
72.5°	8427.3	8541.1	8580.6	8643.8	8672.0	8501.8	8430.1	8473.7	8375.2	8157.2	8167.0
75°	6187.9	6196.3	6064.0	6038.8	5944.6	5559.1	5443.7	5338.2	5169.4	4906.4	4658.9
77.5°	3225.5	3224.0	3072.1	2994.7	2882.3	2650.2	2638.9	2450.4	2318.1	2077.6	1990.4
80°	2291.4	2328.0	2378.7	2403.9	2364.6	2274.5	2150.8	2017.1	1863.8	1713.3	1533.3
82.5°	2131.1	2153.6	2180.3	2081.9	2026.9	1900.4	1806.1	1612.0	1503.7	1332.1	1150.7
85°	1036.7	1105.6	1052.1	990.3	969.2	758.1	732.8	611.9	555.6	457.2	426.2
87.5°	66.1	81.6	73.2	66.1	57.7	32.3	43.6	31.0	32.3	23.9	21.1
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6
2.5°	1419.3	1417.9	1416.5	1415.1	1413.7	1413.7	1412.2	1410.9	1409.4	1406.6	1406.6
5°	1446.0	1446.0	1444.7	1441.9	1441.9	1439.0	1434.8	1433.4	1433.4	1430.6	1427.8
7.5°	1489.6	1488.2	1485.4	1484.0	1481.2	1478.3	1475.5	1472.7	1471.4	1467.2	1465.7
10°	1555.8	1553.0	1545.9	1543.1	1541.7	1538.9	1536.1	1533.3	1529.0	1526.2	1524.8
12.5°	1630.3	1628.9	1623.3	1626.1	1619.1	1616.3	1613.5	1606.4	1609.2	1603.6	1600.7
15°	1704.9	1706.2	1703.4	1703.4	1697.8	1693.6	1690.8	1685.2	1683.7	1680.9	1678.1
17.5°	1771.0	1773.8	1769.5	1766.7	1763.9	1761.1	1755.5	1749.8	1749.8	1744.2	1741.5
20°	1831.5	1834.3	1832.8	1830.1	1825.8	1824.5	1821.7	1817.4	1817.4	1814.6	1810.4
22.5°	1900.4	1901.8	1901.8	1900.4	1896.2	1897.6	1894.7	1890.6	1891.9	1886.3	1886.3
25°	1983.4	1986.2	1989.0	1990.4	1987.6	1989.0	1986.2	1983.4	1982.0	1983.4	1982.0
27.5°	2097.3	2100.1	2108.6	2101.6	2108.6	2109.9	2105.8	2100.1	2104.4	2111.4	2107.2
30°	2247.9	2245.0	2256.3	2257.7	2256.3	2257.7	2254.8	2250.7	2253.5	2266.1	2259.1
32.5°	2416.6	2422.3	2425.1	2427.9	2432.1	2437.7	2433.5	2429.3	2436.3	2432.1	2442.0
35°	2620.6	2633.3	2637.5	2633.3	2636.1	2645.9	2644.5	2645.9	2660.0	2645.9	2664.2
37.5°	2878.0	2890.7	2900.5	2894.9	2902.0	2902.0	2913.2	2944.1	2924.5	2949.7	2969.4
40°	3252.2	3271.9	3273.3	3271.9	3278.9	3287.4	3298.5	3332.3	3309.8	3336.6	3354.8
42.5°	3637.6	3661.6	3669.9	3655.9	3671.4	3689.6	3691.1	3720.6	3722.0	3726.2	3736.1
45°	4072.2	4093.4	4110.3	4103.2	4104.6	4128.5	4122.9	4151.0	4129.9	4129.9	4135.5
47.5°	4535.0	4554.7	4566.0	4577.2	4563.2	4584.2	4594.1	4588.5	4563.2	4557.5	4523.8
50°	4957.0	4973.9	4990.8	5021.8	5020.3	5030.2	5037.2	5011.9	5006.3	4975.3	4937.3
52.5°	5404.4	5448.0	5485.9	5550.7	5560.5	5594.3	5581.6	5539.4	5532.3	5481.8	5431.1
55°	6027.5	6152.6	6207.6	6307.5	6374.9	6373.6	6345.4	6338.3	6284.9	6183.6	6123.1
57.5°	7112.0	7307.6	7401.8	7531.2	7552.3	7539.7	7503.1	7438.3	7345.5	7175.3	7065.6
60°	8677.6	8798.7	8908.3	8939.3	8954.7	8930.9	8802.8	8659.4	8477.9	8243.0	8047.5
62.5°	9860.6	9984.5	10066.0	10053.4	9956.3	9833.9	9646.8	9406.3	9151.7	8888.6	8596.1
65°	10462.7	10514.7	10502.1	10403.6	10237.6	10023.8	9750.9	9454.1	9154.5	8843.6	8539.8
67°	10430.4	10431.7	10345.9	10154.6	9942.2	9673.6	9340.2	9016.7	8665.0	8338.7	7977.1
67.5°	10372.6	10367.0	10247.5	10037.8	9808.6	9531.5	9185.4	8850.7	8486.3	8157.2	7783.0
70°	9720.0	9641.1	9371.1	9036.4	8717.0	8342.9	7979.9	7596.0	7185.2	6902.5	6472.0
72.5°	7986.9	7721.1	7255.5	6905.3	6563.4	6073.9	5847.5	5370.6	5082.3	4902.2	4577.2
75°	4625.1	4402.8	4042.7	3714.9	3549.0	3259.2	3121.3	2771.1	2697.9	2695.1	2582.6
77.5°	1765.4	1540.3	1308.2	1053.6	896.1	711.8	627.4	561.2	510.6	545.8	495.1
80°	1323.6	1088.7	851.0	619.0	441.7	326.3	279.9	258.9	246.1	236.3	229.3
82.5°	986.1	777.9	603.4	393.9	275.8	208.2	180.0	168.8	163.2	153.4	144.9
85°	333.4	267.3	211.0	146.3	115.3	94.2	87.3	84.4	80.2	73.2	68.9
87.5°	18.2	16.9	18.2	14.1	16.9	14.1	15.4	15.4	15.4	14.1	14.1
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):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6	1399.6
2.5°	1405.3	1405.3	1405.3	1402.4	1398.2	1389.7	1381.3	1374.3	1367.3	1363.0	1360.2
5°	1426.3	1423.5	1422.2	1420.7	1410.9	1394.0	1378.5	1364.5	1350.4	1339.2	1334.9
7.5°	1464.4	1458.7	1457.3	1453.1	1440.4	1415.1	1392.5	1370.1	1350.4	1334.9	1327.9
10°	1522.0	1522.0	1513.6	1508.0	1493.9	1460.1	1427.8	1398.2	1371.5	1354.6	1350.4
12.5°	1595.1	1595.1	1588.1	1583.9	1567.0	1523.4	1484.0	1448.8	1423.5	1406.6	1405.3
15°	1671.1	1669.7	1664.0	1658.4	1640.2	1593.8	1554.3	1523.4	1502.3	1482.6	1477.0
17.5°	1738.7	1738.7	1731.6	1726.0	1707.7	1668.3	1633.2	1610.6	1586.7	1545.9	1514.9
20°	1806.1	1807.6	1802.0	1796.3	1780.8	1747.0	1731.6	1709.1	1655.6	1567.0	1493.9
22.5°	1880.7	1886.3	1879.3	1873.7	1861.0	1846.9	1841.3	1787.9	1675.3	1533.3	1426.3
25°	1976.4	1986.2	1977.7	1974.9	1967.9	1972.1	1955.2	1831.5	1647.2	1460.1	1326.4
27.5°	2107.2	2107.2	2108.6	2108.6	2105.8	2121.2	2059.4	1832.8	1585.3	1365.9	1206.9
30°	2260.5	2268.9	2266.1	2266.1	2277.4	2287.3	2117.0	1802.0	1506.5	1249.1	1060.6
32.5°	2444.8	2451.8	2454.6	2442.0	2486.9	2436.3	2138.1	1745.7	1409.4	1104.2	886.2
35°	2667.0	2676.9	2683.9	2685.3	2714.8	2565.7	2126.8	1662.7	1270.2	922.8	694.9
37.5°	2956.8	2976.5	2991.9	2999.0	3000.4	2675.4	2096.0	1553.0	1088.7	720.2	517.6
40°	3342.2	3363.3	3359.1	3373.2	3293.0	2740.2	2025.6	1394.0	863.7	528.9	399.5
42.5°	3713.6	3716.4	3722.0	3709.3	3546.2	2773.9	1927.2	1199.9	647.0	395.2	341.9
45°	4128.5	4104.6	4077.9	4058.2	3779.7	2786.5	1792.1	963.5	457.2	332.0	316.5
47.5°	4518.1	4485.8	4431.0	4374.7	3987.9	2766.8	1619.1	721.7	347.5	303.8	299.6
50°	4900.7	4840.3	4762.9	4698.2	4187.6	2737.3	1427.8	520.4	303.8	289.7	285.6
52.5°	5374.8	5273.6	5172.2	5087.9	4447.9	2690.9	1226.6	395.2	285.6	278.5	272.8
55°	6024.7	5884.0	5720.8	5602.7	4800.9	2620.6	1015.6	334.8	277.1	271.5	263.0
57.5°	6925.0	6714.0	6529.6	6337.0	5283.4	2548.8	834.1	310.9	275.8	267.3	256.1
60°	7844.9	7591.7	7356.8	7081.0	5775.8	2477.1	707.6	308.1	279.9	267.3	250.4
62.5°	8323.1	8061.6	7778.8	7498.9	5988.1	2308.3	620.3	312.2	289.7	271.5	250.4
65°	8213.5	7894.1	7607.2	7321.7	5742.0	1989.0	524.7	317.9	309.4	288.4	254.6
67°	7662.1	7328.7	7053.0	6780.1	5193.4	1665.5	450.2	323.5	330.6	308.1	263.0
67.5°	7467.9	7134.5	6863.0	6597.2	5031.6	1597.9	431.8	326.3	334.8	313.7	265.9
70°	6192.1	5947.4	5659.0	5453.6	4073.7	1183.0	354.5	332.0	360.1	346.0	278.5
72.5°	4456.3	4222.8	4006.1	3892.2	3000.4	827.2	298.2	326.3	375.5	364.4	284.1
75°	2368.8	2354.7	2276.0	2332.2	1856.8	540.1	263.0	305.3	358.7	333.4	264.5
77.5°	478.2	492.3	578.1	569.7	599.3	301.0	225.1	261.7	277.1	244.8	215.2
80°	222.3	218.0	213.8	216.6	212.4	192.7	182.9	205.4	192.7	157.5	143.5
82.5°	137.8	135.0	130.8	129.4	143.5	153.4	160.3	161.8	128.0	109.7	105.5
85°	66.1	66.1	64.7	67.6	84.4	125.2	135.0	119.6	85.8	78.8	74.5
87.5°	12.6	12.6	14.1	12.6	16.9	29.5	33.8	39.4	32.3	33.8	38.0
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):

	165°	175°	180°
0°	1399.6	1399.6	1399.6
2.5°	1357.4	1354.6	1354.6
5°	1329.3	1327.9	1327.9
7.5°	1322.3	1323.6	1322.3
10°	1349.0	1347.6	1353.2
12.5°	1408.1	1412.2	1410.9
15°	1469.9	1472.7	1472.7
17.5°	1488.2	1478.3	1477.0
20°	1440.4	1422.2	1417.9
22.5°	1350.4	1316.6	1318.0
25°	1236.5	1195.6	1198.4
27.5°	1104.2	1060.6	1059.2
30°	945.3	897.4	873.6
32.5°	754.0	696.3	696.3
35°	566.8	520.4	503.6
37.5°	430.5	403.7	395.2
40°	358.7	346.0	343.2
42.5°	326.3	322.1	320.7
45°	309.4	306.6	305.3
47.5°	294.0	292.5	291.2
50°	282.7	281.3	279.9
52.5°	272.8	270.1	268.7
55°	258.9	258.9	258.9
57.5°	250.4	250.4	249.0
60°	242.0	240.5	240.5
62.5°	234.9	232.1	233.5
65°	230.7	226.4	226.4
67°	227.9	219.5	219.5
67.5°	227.9	216.6	216.6
70°	223.6	205.4	202.6
72.5°	219.5	192.7	188.5
75°	208.2	182.9	178.7
77.5°	178.7	163.2	160.3
80°	137.8	119.6	122.4
82.5°	99.9	85.8	84.4
85°	71.7	61.9	61.9
87.5°	38.0	32.3	33.8
90°	0.0	0.0	0.0

(END OF REPORT)