

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: P180697

Luminaire Tested: **ICM-E05-LED-E1-SL3-7030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P180697  
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: ICM-E05-LED-E1-SL3-7030  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL  
Light Source: (105) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12898.1 lumens  
Efficiency: N/A  
Efficacy: 101.3 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.83' x L: 1' x H: 0.1')  
IES Classification: Type III - Short - Semi-Cutoff  
BUG Rating: B2 - U0 - G2

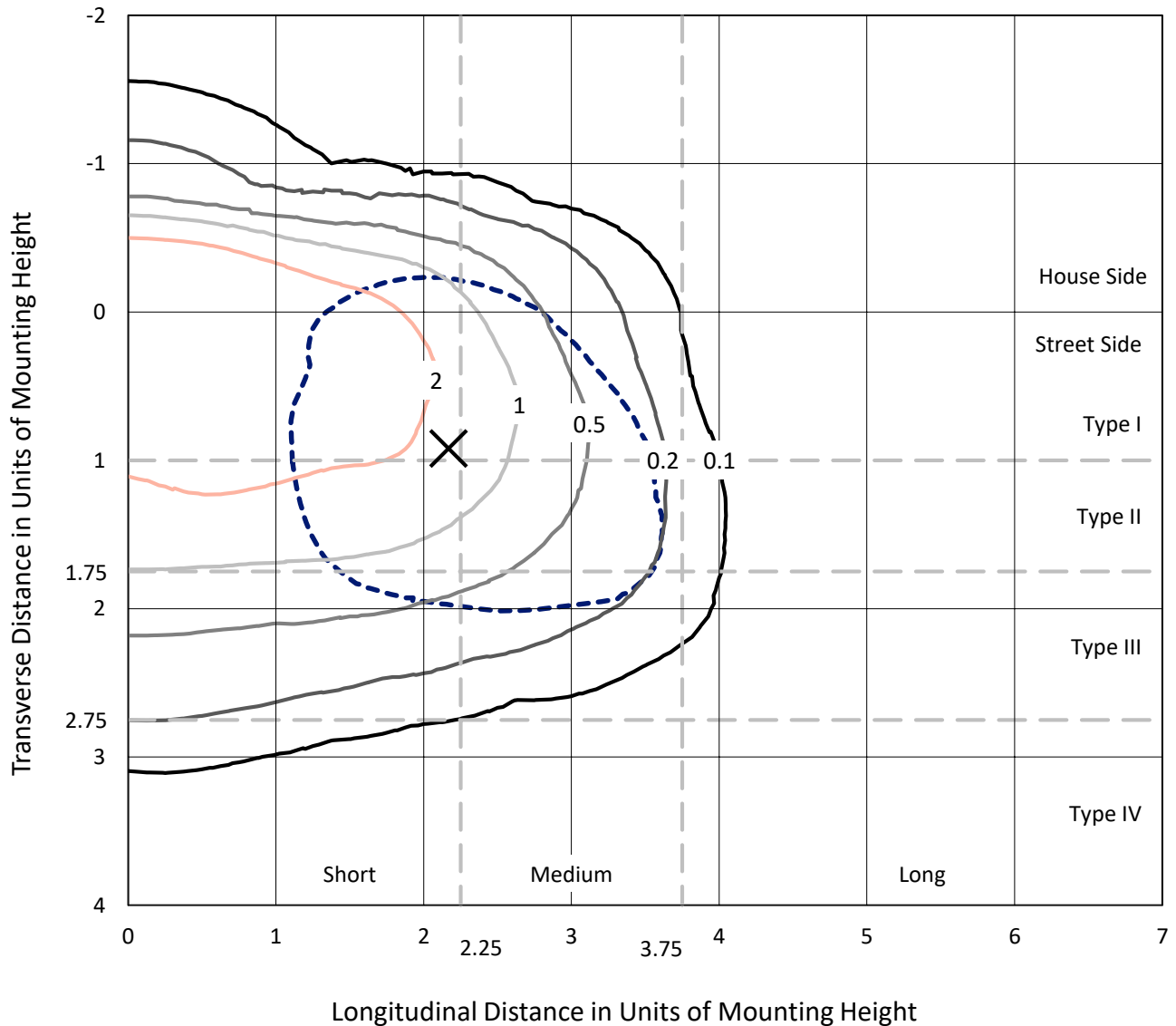
Input Watts (W): 127.3  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

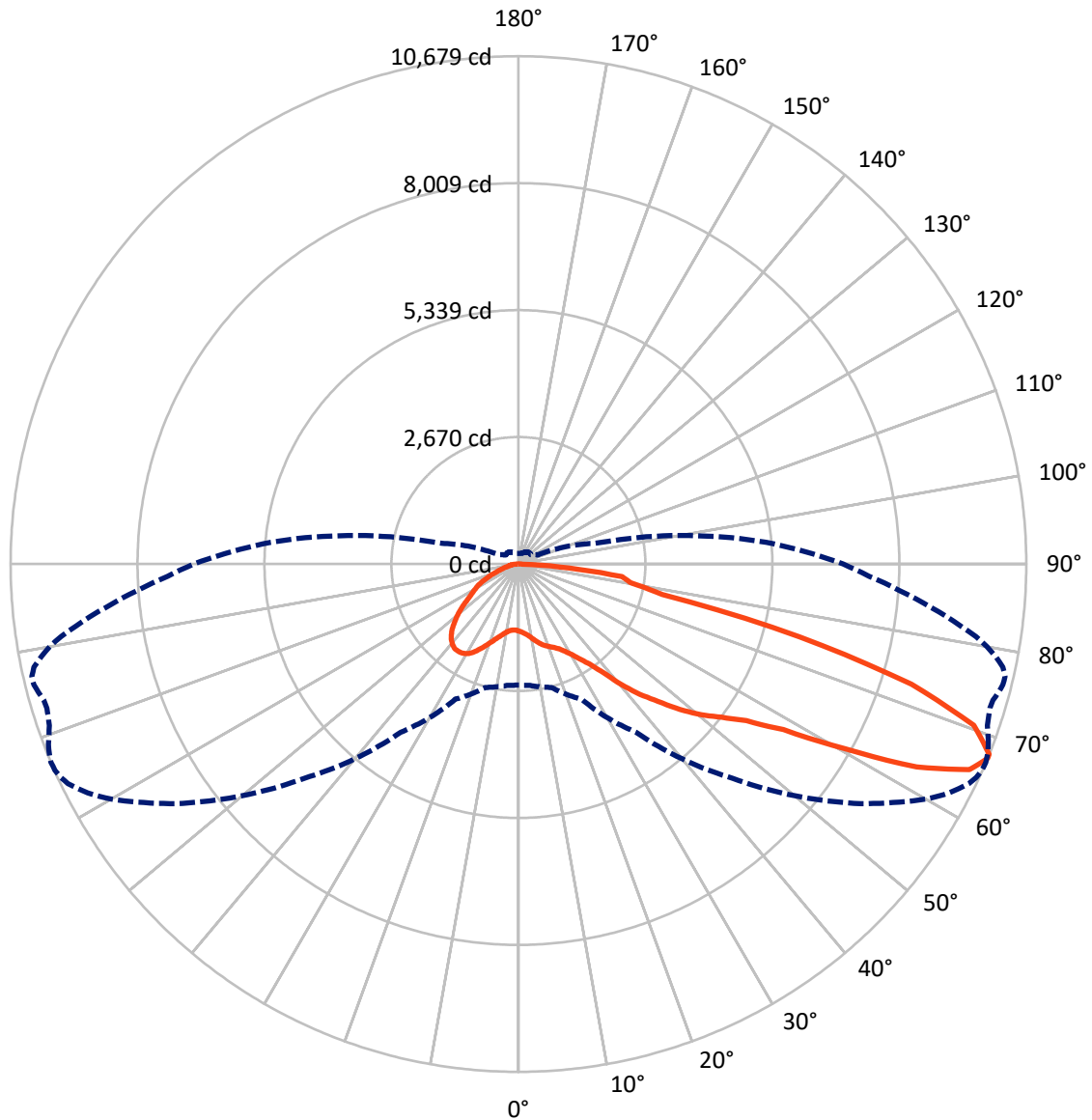
✕ Max cd  
 - - - 1/2 Max cd



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



— Vertical Plane Through 67-Deg Lateral    - - - Horizontal Cone Through 67-Deg Vertical

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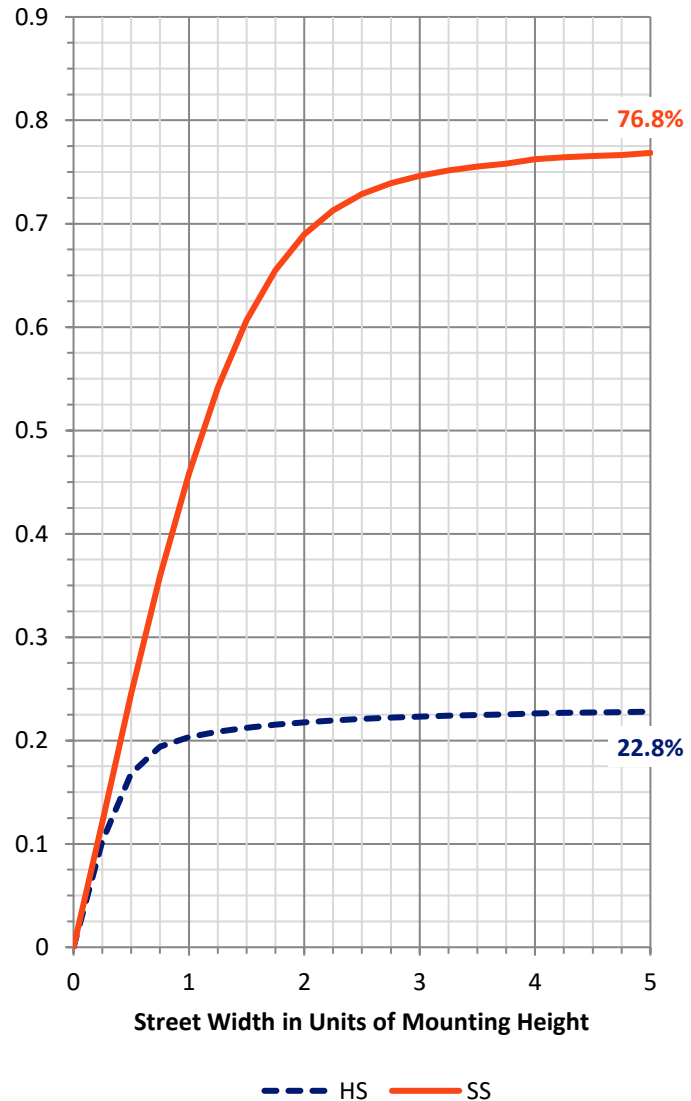
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2976.4	0.0	2976.4
	% Fixture	23.1	0.0	23.1
<b>Street Side</b>	Lumens	9921.7	0.0	9921.7
	% Fixture	76.9	0.0	76.9
<b>Total</b>	Lumens	12898.1	0.0	12898.1
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	140.3	1.1
10°-20°	481.0	3.7
20°-30°	849.3	6.6
30°-40°	1219.1	9.5
40°-50°	1851.6	14.4
50°-60°	2726.1	21.1
60°-70°	3622.9	28.1
70°-80°	1772.4	13.7
80°-90°	235.3	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°	12898.1	100.0
0°-180°	12898.1	100.0



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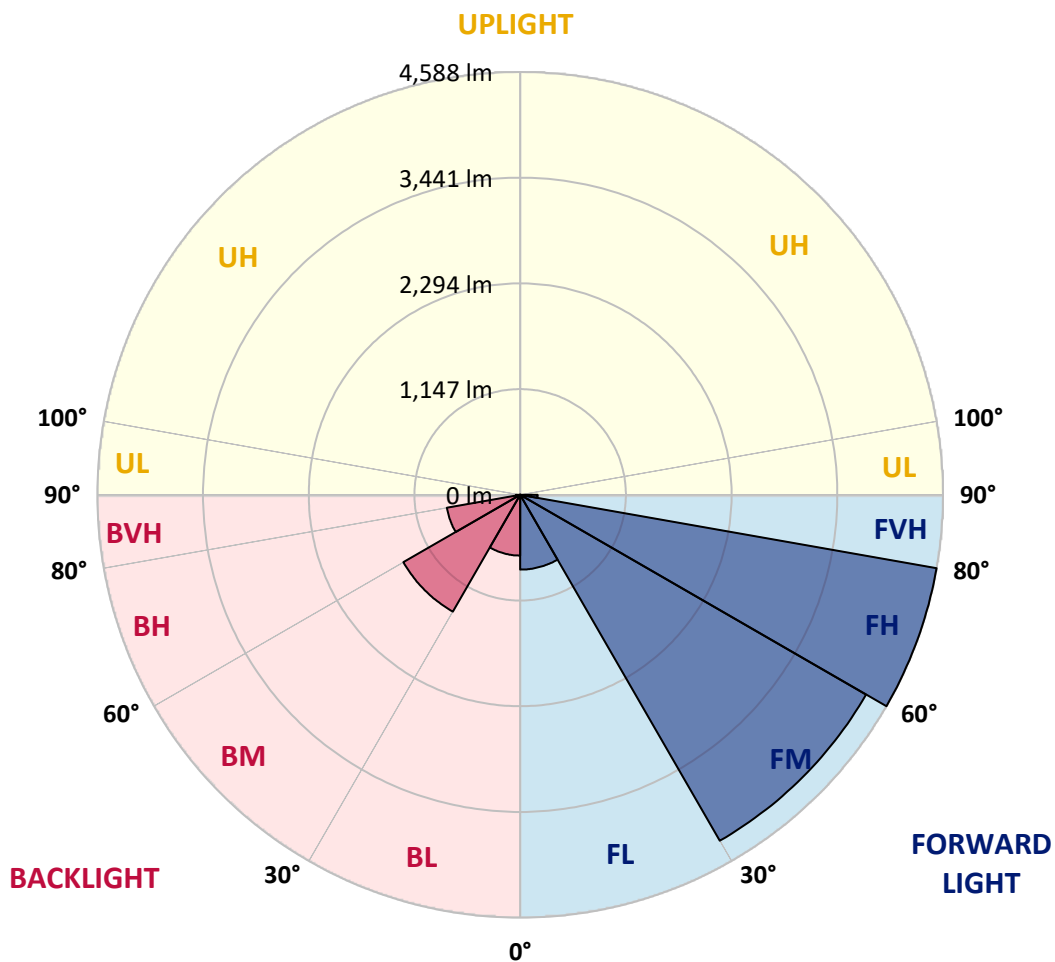
CATALOG NUMBER: ICM-E05-LED-E1-SL3-7030

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	811.4	6.3			
FM	(30°-60°)	4333.5	33.6			
FH	(60°-80°)	4587.7	35.6			G2/5000
FVH	(80°-90°)	189.0	1.5			G2/225
BL	(0°-30°)	659.2	5.1	B2/1000		
BM	(30°-60°)	1463.3	11.3	B2/2500		
BH	(60°-80°)	807.6	6.3	B2/1000		G2/1000
BVH	(80°-90°)	46.3	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°	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9
2.5°	1475.5	1476.9	1474.1	1472.7	1464.2	1455.7	1450.1	1443.0	1443.0	1443.0	1440.1
5°	1559.1	1553.4	1557.7	1547.7	1530.8	1515.2	1499.6	1486.9	1484.0	1484.0	1478.3
7.5°	1659.6	1652.6	1649.7	1635.5	1610.1	1587.4	1556.3	1543.5	1536.4	1533.6	1530.8
10°	1781.4	1781.4	1763.0	1738.9	1704.9	1665.3	1631.3	1608.7	1607.3	1607.3	1594.5
12.5°	1906.0	1908.8	1884.8	1860.7	1805.5	1753.0	1713.4	1687.9	1686.5	1680.8	1673.8
15°	2020.8	2013.6	1998.1	1962.6	1901.8	1839.5	1789.9	1764.4	1758.7	1753.0	1748.8
17.5°	2115.5	2108.5	2088.7	2043.4	1979.6	1906.0	1845.1	1818.2	1815.4	1812.6	1806.9
20°	2175.1	2169.4	2141.0	2088.7	2022.2	1947.1	1882.0	1863.5	1857.9	1857.9	1855.0
22.5°	2209.0	2200.6	2159.5	2090.1	2024.9	1969.8	1915.9	1904.6	1900.4	1901.8	1901.8
25°	2226.1	2219.0	2160.9	2061.8	1999.5	1983.9	1961.2	1954.2	1955.5	1957.0	1959.8
27.5°	2228.9	2219.0	2151.0	2024.9	1966.9	2010.8	2026.3	2037.7	2037.7	2043.4	2053.3
30°	2207.6	2196.3	2131.2	1996.7	1952.8	2064.6	2126.9	2156.7	2168.0	2165.1	2187.8
32.5°	2170.8	2163.7	2111.4	1996.7	1992.4	2170.8	2281.2	2323.7	2329.4	2332.2	2357.7
35°	2158.1	2156.7	2134.0	2064.6	2115.5	2357.7	2526.2	2558.8	2565.9	2565.9	2584.3
37.5°	2155.3	2162.3	2187.8	2192.0	2332.2	2635.3	2856.2	2905.8	2905.8	2919.9	2919.9
40°	2155.3	2170.8	2267.1	2381.8	2597.0	2996.4	3302.3	3358.9	3358.9	3374.4	3366.0
42.5°	2238.8	2261.4	2420.0	2638.2	2931.3	3368.8	3720.0	3783.7	3787.9	3783.7	3796.5
45°	2403.1	2422.9	2615.5	2928.4	3275.4	3768.1	4119.3	4195.7	4180.2	4190.1	4194.4
47.5°	2621.1	2652.3	2871.7	3245.6	3610.9	4137.7	4566.8	4636.1	4630.5	4634.7	4616.3
50°	2853.3	2885.9	3130.9	3559.9	3945.1	4435.1	4926.4	5029.8	5019.9	5027.0	5036.9
52.5°	3058.7	3078.5	3315.0	3796.5	4198.6	4712.6	5202.5	5331.5	5354.1	5357.0	5364.0
55°	3180.5	3204.6	3421.2	3914.0	4382.7	4984.5	5518.4	5713.8	5757.7	5769.0	5800.1
57.5°	3222.9	3248.4	3445.2	3931.0	4483.2	5239.4	5958.7	6302.8	6339.7	6400.6	6499.7
60°	3221.5	3248.4	3419.7	3892.8	4585.1	5555.2	6644.1	7220.5	7407.4	7469.7	7611.3
62.5°	3089.9	3120.9	3295.2	3776.6	4715.5	5958.7	7663.7	8550.1	8790.8	8904.1	9057.1
65°	2800.9	2823.6	2986.4	3482.1	4678.6	6356.7	8516.1	9622.1	9841.5	10007.2	10280.5
67°	2544.7	2558.8	2686.2	3133.7	4319.0	6370.8	8785.2	9888.3	10079.5	10255.0	10536.9
67.5°	2479.6	2509.2	2608.4	3027.6	4184.5	6290.1	8766.8	9847.2	10042.7	10225.4	10522.7
70°	2017.9	2060.4	2110.0	2391.7	3289.5	5291.8	8116.8	9136.4	9307.8	9477.6	9892.5
72.5°	1244.8	1321.2	1331.1	1509.5	2141.0	3657.7	6567.7	7704.8	7833.6	7955.4	8380.2
75°	733.5	744.8	780.3	924.7	1256.0	2186.4	4406.7	5723.7	5842.6	5902.1	6234.9
77.5°	409.2	420.6	450.3	574.9	965.8	1472.7	2565.9	3363.1	3435.4	3510.4	3456.6
80°	170.0	185.5	199.6	232.2	451.7	1162.6	1764.4	2138.2	2184.9	2228.9	2284.1
82.5°	82.1	87.8	107.6	123.2	164.3	477.2	1383.5	1853.6	1908.8	1972.6	2101.4
85°	38.2	42.5	59.4	70.8	79.3	120.4	463.1	902.1	978.5	992.7	1018.1
87.5°	2.8	2.8	7.1	10.0	14.1	15.5	48.2	68.0	76.5	69.4	87.8
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°	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9
2.5°	1438.7	1437.3	1434.4	1434.4	1433.0	1433.0	1433.0	1430.2	1430.2	1430.2	1428.8
5°	1476.9	1475.5	1471.3	1471.3	1468.5	1468.5	1464.2	1462.8	1459.9	1459.9	1458.5
7.5°	1526.5	1525.1	1519.5	1519.5	1515.2	1513.8	1510.9	1506.7	1506.7	1503.8	1501.0
10°	1594.5	1590.2	1588.8	1581.8	1583.2	1580.3	1577.5	1573.2	1570.4	1567.5	1564.8
12.5°	1671.0	1671.0	1663.8	1659.6	1662.4	1659.6	1654.0	1652.6	1648.3	1648.3	1644.0
15°	1743.2	1743.2	1740.3	1734.7	1736.1	1731.8	1730.4	1727.5	1722.0	1723.4	1722.0
17.5°	1805.5	1805.5	1801.2	1798.4	1798.4	1794.2	1795.5	1792.8	1789.9	1788.5	1784.2
20°	1855.0	1855.0	1852.2	1849.4	1850.8	1850.8	1846.5	1846.5	1846.5	1843.7	1843.7
22.5°	1903.2	1904.6	1904.6	1904.6	1906.0	1907.5	1906.0	1908.8	1907.5	1910.2	1910.2
25°	1966.9	1971.2	1974.0	1974.0	1981.0	1982.5	1983.9	1988.1	1988.1	1992.4	1993.8
27.5°	2061.8	2064.6	2075.9	2078.8	2080.2	2091.5	2092.9	2098.6	2104.3	2105.7	2107.1
30°	2192.0	2199.2	2207.6	2213.3	2213.3	2227.5	2233.1	2230.2	2245.9	2250.2	2255.7
32.5°	2366.2	2371.9	2380.4	2386.1	2391.7	2398.8	2400.2	2407.3	2420.0	2431.4	2424.3
35°	2585.7	2599.9	2585.7	2601.3	2605.5	2615.5	2612.7	2621.1	2626.8	2631.0	2629.6
37.5°	2904.3	2897.2	2894.4	2888.8	2878.8	2912.9	2895.8	2894.4	2885.9	2910.0	2894.4
40°	3323.5	3327.7	3332.0	3309.3	3296.6	3296.6	3292.3	3276.8	3269.7	3290.9	3288.1
42.5°	3761.0	3765.3	3745.5	3731.3	3698.7	3694.5	3674.6	3670.4	3663.4	3674.6	3663.4
45°	4158.9	4161.8	4117.9	4125.0	4099.5	4103.7	4072.6	4085.3	4068.3	4079.7	4100.9
47.5°	4603.6	4609.2	4571.0	4586.6	4561.1	4545.5	4544.1	4552.6	4534.2	4545.5	4551.2
50°	5007.2	5000.1	4980.3	4984.5	4973.1	4976.0	4959.0	4974.6	4953.3	4976.0	4973.1
52.5°	5365.4	5357.0	5352.7	5366.8	5357.0	5357.0	5347.0	5354.1	5357.0	5390.9	5398.0
55°	5800.1	5807.2	5814.4	5839.8	5851.1	5832.8	5851.1	5886.5	5887.9	5968.7	6012.6
57.5°	6498.3	6547.9	6573.3	6588.9	6655.5	6648.4	6690.8	6775.9	6784.3	6971.2	7080.3
60°	7716.0	7803.9	7887.4	7842.1	7976.6	8017.7	8043.2	8201.8	8251.4	8428.3	8523.2
62.5°	9253.9	9263.9	9394.1	9353.1	9429.5	9411.1	9442.3	9514.5	9579.6	9725.5	9814.7
65°	10327.3	10374.0	10425.0	10372.6	10371.2	10308.9	10269.3	10267.8	10307.5	10338.7	10437.7
67°	10619.0	10665.7	10678.5	10640.3	10585.0	10505.7	10432.1	10393.8	10368.3	10382.5	10444.8
67.5°	10616.2	10660.1	10675.6	10638.9	10562.4	10495.8	10417.9	10374.0	10340.1	10347.1	10399.5
70°	10012.9	10107.8	10158.8	10170.1	10160.2	10044.1	9977.5	9937.9	9909.5	9840.2	9836.0
72.5°	8483.6	8598.3	8637.9	8701.6	8730.0	8558.7	8486.4	8530.3	8431.2	8211.7	8221.6
75°	6229.2	6237.7	6104.6	6079.1	5984.2	5596.2	5480.1	5373.9	5204.0	4939.2	4690.0
77.5°	3247.0	3245.6	3092.7	3014.8	2901.5	2667.8	2656.5	2466.8	2333.7	2091.5	2003.7
80°	2306.7	2343.5	2394.5	2420.0	2380.4	2289.8	2165.1	2030.6	1876.3	1724.8	1543.5
82.5°	2145.3	2168.0	2194.9	2095.7	2040.6	1913.1	1818.2	1622.8	1513.8	1341.0	1158.3
85°	1043.6	1113.0	1059.2	996.9	975.6	763.3	737.8	616.0	559.4	460.2	429.0
87.5°	66.5	82.1	73.7	66.5	58.0	32.6	43.9	31.2	32.6	24.1	21.2
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°	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9
2.5°	1428.8	1427.4	1426.0	1424.6	1423.2	1423.2	1421.7	1420.3	1418.9	1416.1	1416.1
5°	1455.7	1455.7	1454.3	1451.5	1451.5	1448.7	1444.4	1443.0	1443.0	1440.1	1437.3
7.5°	1499.6	1498.1	1495.4	1494.0	1491.1	1488.3	1485.4	1482.6	1481.2	1476.9	1475.5
10°	1566.1	1563.4	1556.3	1553.4	1552.0	1549.1	1546.3	1543.5	1539.3	1536.4	1535.0
12.5°	1641.2	1639.8	1634.1	1636.9	1629.9	1627.1	1624.2	1617.1	1620.0	1614.3	1611.5
15°	1716.3	1717.7	1714.8	1714.8	1709.2	1704.9	1702.1	1696.5	1695.0	1692.2	1689.3
17.5°	1782.8	1785.7	1781.4	1778.5	1775.7	1772.9	1767.3	1761.6	1761.6	1755.9	1753.0
20°	1843.7	1846.5	1845.1	1842.2	1838.1	1836.7	1833.8	1829.5	1829.5	1826.7	1822.4
22.5°	1913.1	1914.5	1914.5	1913.1	1908.8	1910.2	1907.5	1903.2	1904.6	1898.9	1898.9
25°	1996.7	1999.5	2002.3	2003.7	2000.8	2002.3	1999.5	1996.7	1995.3	1996.7	1995.3
27.5°	2111.4	2114.2	2122.7	2115.5	2122.7	2124.1	2119.8	2114.2	2118.4	2125.5	2121.2
30°	2262.9	2260.0	2271.4	2272.8	2271.4	2272.8	2270.0	2265.7	2268.5	2281.2	2274.2
32.5°	2432.8	2438.4	2441.3	2444.1	2448.4	2454.1	2449.8	2445.5	2452.6	2448.4	2458.2
35°	2638.2	2650.9	2655.1	2650.9	2653.7	2663.6	2662.2	2663.6	2677.8	2663.6	2682.0
37.5°	2897.2	2910.0	2919.9	2914.3	2921.3	2921.3	2932.7	2963.8	2944.0	2969.5	2989.3
40°	3273.9	3293.8	3295.2	3293.8	3300.9	3309.3	3320.7	3354.6	3332.0	3358.9	3377.3
42.5°	3661.9	3686.0	3694.5	3680.3	3695.9	3714.3	3715.7	3745.5	3746.9	3751.1	3761.0
45°	4099.5	4120.7	4137.7	4130.6	4132.0	4156.1	4150.4	4178.8	4157.5	4157.5	4163.2
47.5°	4565.3	4585.1	4596.5	4607.8	4593.7	4614.9	4624.9	4619.2	4593.7	4588.0	4554.1
50°	4990.2	5007.2	5024.1	5055.3	5053.9	5063.8	5070.9	5045.4	5039.8	5008.6	4970.4
52.5°	5440.5	5484.4	5522.6	5587.8	5597.7	5631.7	5618.9	5576.4	5569.3	5518.4	5467.4
55°	6067.8	6193.8	6249.1	6349.6	6417.5	6416.1	6387.9	6380.8	6326.9	6225.0	6164.1
57.5°	7159.6	7356.4	7451.3	7581.5	7602.8	7590.1	7553.3	7488.1	7394.6	7223.3	7112.9
60°	8735.7	8857.4	8967.9	8999.0	9014.6	8990.6	8861.6	8717.3	8534.6	8298.1	8101.3
62.5°	9926.6	10051.1	10133.3	10120.5	10022.9	9899.7	9711.3	9469.2	9212.9	8948.1	8653.5
65°	10532.6	10585.0	10572.3	10473.2	10306.0	10090.9	9816.1	9517.3	9215.7	8902.8	8596.9
67°	10500.1	10501.5	10415.1	10222.5	10008.7	9738.2	9402.6	9076.9	8722.9	8394.4	8030.5
67.5°	10442.0	10436.3	10316.0	10105.0	9874.2	9595.2	9246.8	8909.8	8543.0	8211.7	7835.0
70°	9785.0	9705.6	9433.7	9096.7	8775.3	8398.7	8033.3	7646.7	7233.3	6948.6	6515.3
72.5°	8040.3	7772.7	7304.0	6951.4	6607.3	6114.5	5886.5	5406.5	5116.2	4934.9	4607.8
75°	4656.0	4432.2	4069.7	3739.8	3572.7	3281.0	3142.3	2789.6	2716.0	2713.1	2599.9
77.5°	1777.1	1550.6	1316.9	1060.7	902.1	716.6	631.5	565.0	514.0	549.4	498.4
80°	1332.5	1096.0	856.7	623.1	444.7	328.6	281.8	260.6	247.8	237.9	230.8
82.5°	992.7	783.1	607.4	396.5	277.6	209.6	181.2	170.0	164.3	154.3	145.9
85°	335.6	269.0	212.4	147.3	116.1	94.9	87.8	84.9	80.7	73.7	69.4
87.5°	18.4	17.0	18.4	14.1	17.0	14.1	15.5	15.5	15.5	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°	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9
2.5°	1414.6	1414.6	1414.6	1411.8	1407.5	1399.1	1390.6	1383.5	1376.4	1372.2	1369.3
5°	1435.9	1433.0	1431.6	1430.2	1420.3	1403.4	1387.7	1373.6	1359.5	1348.1	1343.8
7.5°	1474.1	1468.5	1467.1	1462.8	1450.1	1424.6	1401.9	1379.3	1359.5	1343.8	1336.8
10°	1532.2	1532.2	1523.6	1518.1	1503.8	1469.9	1437.3	1407.5	1380.7	1363.6	1359.5
12.5°	1605.8	1605.8	1598.7	1594.5	1577.5	1533.6	1494.0	1458.5	1433.0	1416.1	1414.6
15°	1682.2	1680.8	1675.2	1669.5	1651.1	1604.4	1564.8	1533.6	1512.4	1492.6	1486.9
17.5°	1750.2	1750.2	1743.2	1737.5	1719.1	1679.5	1644.0	1621.4	1597.3	1556.3	1525.1
20°	1818.2	1819.6	1814.0	1808.3	1792.8	1758.7	1743.2	1720.5	1666.7	1577.5	1503.8
22.5°	1893.2	1898.9	1891.8	1886.2	1873.4	1859.3	1853.6	1799.8	1686.5	1543.5	1435.9
25°	1989.6	1999.5	1991.0	1988.1	1981.0	1985.3	1968.3	1843.7	1658.2	1469.9	1335.4
27.5°	2121.2	2121.2	2122.7	2122.7	2119.8	2135.5	2073.1	1845.1	1595.9	1375.0	1215.0
30°	2275.6	2284.1	2281.2	2281.2	2292.6	2302.5	2131.2	1814.0	1516.6	1257.5	1067.7
32.5°	2461.1	2468.2	2471.0	2458.2	2503.6	2452.6	2152.4	1757.3	1418.9	1111.6	892.1
35°	2684.9	2694.7	2701.9	2703.3	2732.9	2582.9	2141.0	1673.8	1278.7	928.9	699.5
37.5°	2976.6	2996.4	3011.9	3019.0	3020.5	2693.3	2110.0	1563.4	1096.0	725.0	521.1
40°	3364.6	3385.8	3381.5	3395.7	3315.0	2758.4	2039.1	1403.4	869.5	532.5	402.1
42.5°	3738.3	3741.2	3746.9	3734.2	3569.9	2792.5	1940.0	1207.9	651.4	398.0	344.1
45°	4156.1	4132.0	4105.1	4085.3	3805.0	2805.2	1804.0	970.0	460.2	334.2	318.6
47.5°	4548.4	4515.8	4460.6	4403.9	4014.5	2785.4	1629.9	726.4	349.8	305.9	301.6
50°	4933.5	4872.7	4794.7	4729.6	4215.6	2755.6	1437.3	523.9	305.9	291.7	287.4
52.5°	5410.7	5308.8	5206.8	5121.9	4477.6	2708.9	1234.8	398.0	287.4	280.4	274.7
55°	6065.0	5923.4	5759.1	5640.1	4833.0	2638.2	1022.4	337.0	279.0	273.3	264.8
57.5°	6971.2	6758.8	6573.3	6379.3	5318.7	2565.9	839.7	312.9	277.6	269.0	257.7
60°	7897.4	7642.5	7406.0	7128.4	5814.4	2493.7	712.3	310.1	281.8	269.0	252.1
62.5°	8378.8	8115.4	7830.7	7549.0	6028.1	2323.7	624.5	314.3	291.7	273.3	252.1
65°	8268.3	7946.9	7658.0	7370.6	5780.3	2002.3	528.2	320.0	311.5	290.3	256.3
67°	7713.3	7377.6	7100.1	6825.3	5228.0	1676.6	453.1	325.7	332.7	310.1	264.8
67.5°	7517.8	7182.3	6909.0	6641.3	5065.2	1608.7	434.7	328.6	337.0	315.8	267.6
70°	6233.4	5987.1	5696.8	5490.1	4100.9	1190.9	356.8	334.2	362.5	348.4	280.4
72.5°	4486.1	4251.0	4033.0	3918.3	3020.5	832.7	300.2	328.6	378.0	366.8	286.0
75°	2384.7	2370.4	2291.2	2347.8	1869.2	543.7	264.8	307.3	361.1	335.6	266.2
77.5°	481.5	495.6	582.0	573.5	603.3	303.1	226.6	263.4	279.0	246.4	216.7
80°	223.7	219.4	215.3	218.0	213.9	194.0	184.1	206.7	194.0	158.6	144.5
82.5°	138.8	135.9	131.7	130.2	144.5	154.3	161.4	162.9	128.8	110.4	106.2
85°	66.5	66.5	65.1	68.0	84.9	126.0	135.9	120.4	86.4	79.3	75.1
87.5°	12.7	12.7	14.1	12.7	17.0	29.8	34.0	39.6	32.6	34.0	38.2
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):**

	165°	175°	180°
0°	1408.9	1408.9	1408.9
2.5°	1366.5	1363.6	1363.6
5°	1338.1	1336.8	1336.8
7.5°	1331.1	1332.5	1331.1
10°	1358.0	1356.6	1362.2
12.5°	1417.5	1421.7	1420.3
15°	1479.8	1482.6	1482.6
17.5°	1498.1	1488.3	1486.9
20°	1450.1	1431.6	1427.4
22.5°	1359.5	1325.4	1326.8
25°	1244.8	1203.6	1206.5
27.5°	1111.6	1067.7	1066.3
30°	951.6	903.4	879.4
32.5°	759.0	700.9	700.9
35°	570.7	523.9	507.0
37.5°	433.3	406.4	398.0
40°	361.1	348.4	345.5
42.5°	328.6	324.3	322.9
45°	311.5	308.7	307.3
47.5°	296.0	294.5	293.1
50°	284.7	283.3	281.8
52.5°	274.7	271.9	270.4
55°	260.6	260.6	260.6
57.5°	252.1	252.1	250.6
60°	243.5	242.1	242.1
62.5°	236.5	233.7	235.1
65°	232.2	228.0	228.0
67°	229.4	220.9	220.9
67.5°	229.4	218.0	218.0
70°	225.1	206.7	203.9
72.5°	220.9	194.0	189.8
75°	209.6	184.1	179.8
77.5°	179.8	164.3	161.4
80°	138.8	120.4	123.2
82.5°	100.6	86.4	84.9
85°	72.2	62.3	62.3
87.5°	38.2	32.6	34.0
90°	0.0	0.0	0.0

(END OF REPORT)