

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: P180696

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180696
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-SL3-8030
Description: ICON SITE MEDIUM 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: 11918.7 lumens
Efficiency: N/A
Efficacy: 93.6 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

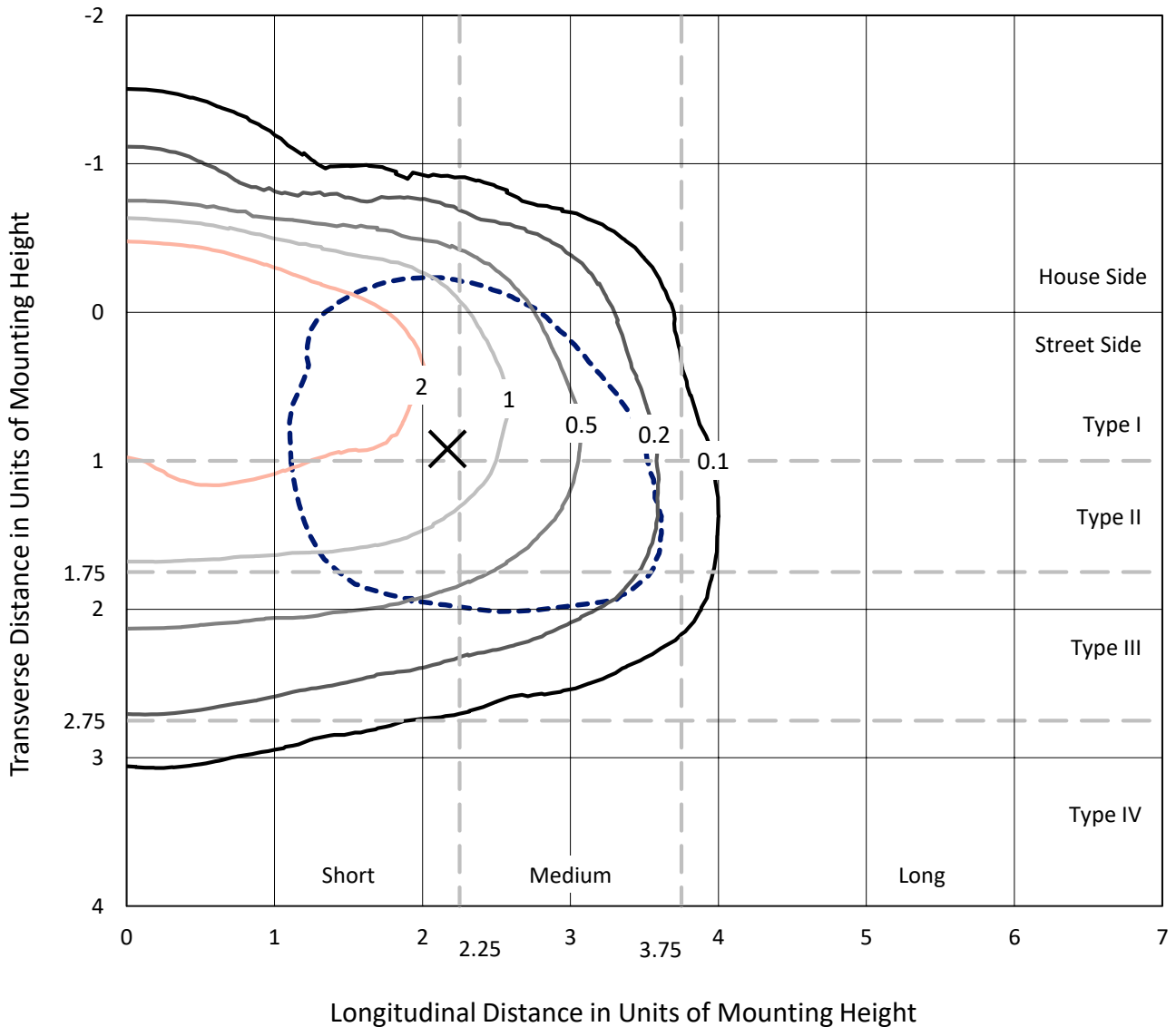
Input Watts (W): 127.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

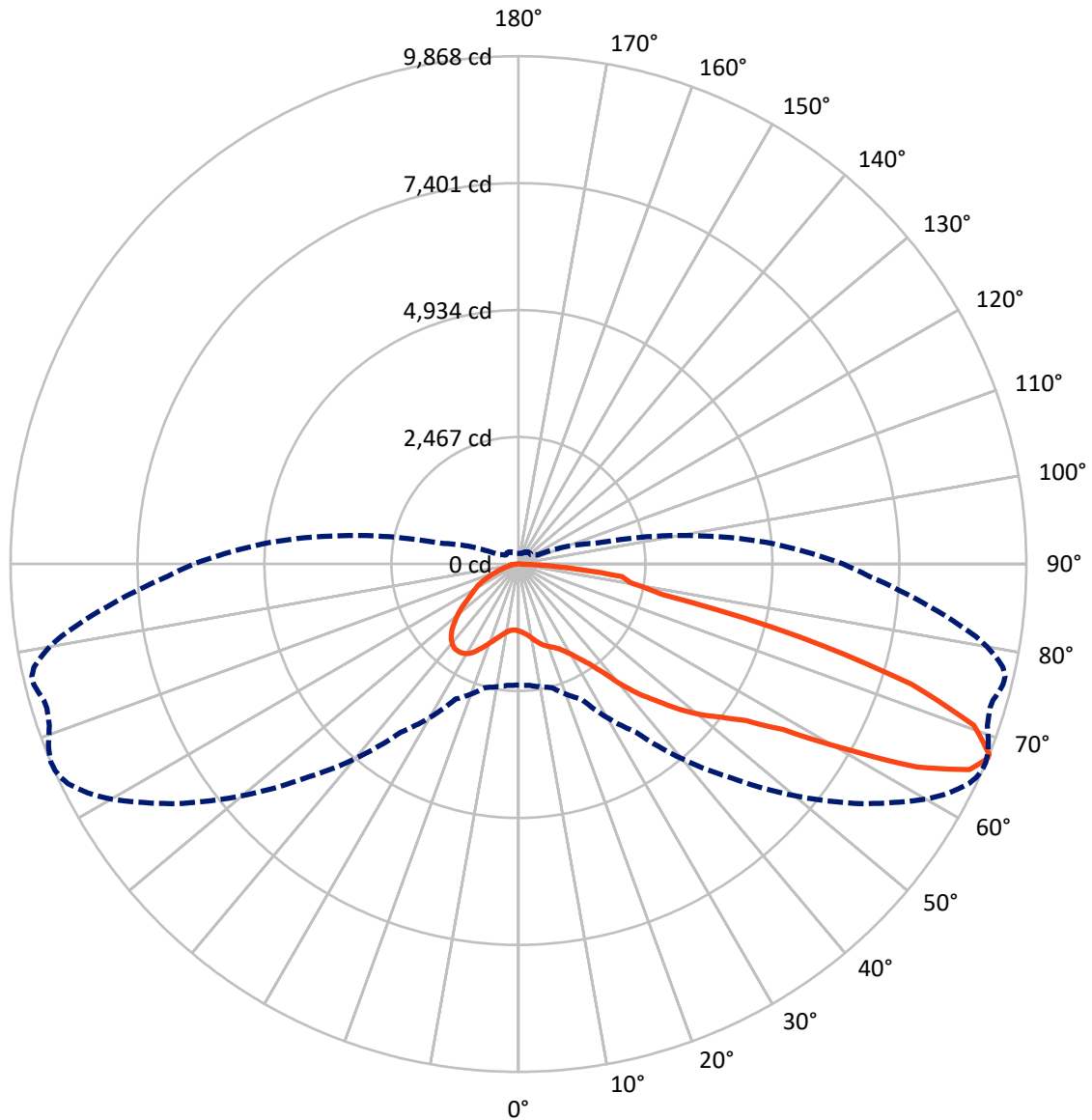
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.2 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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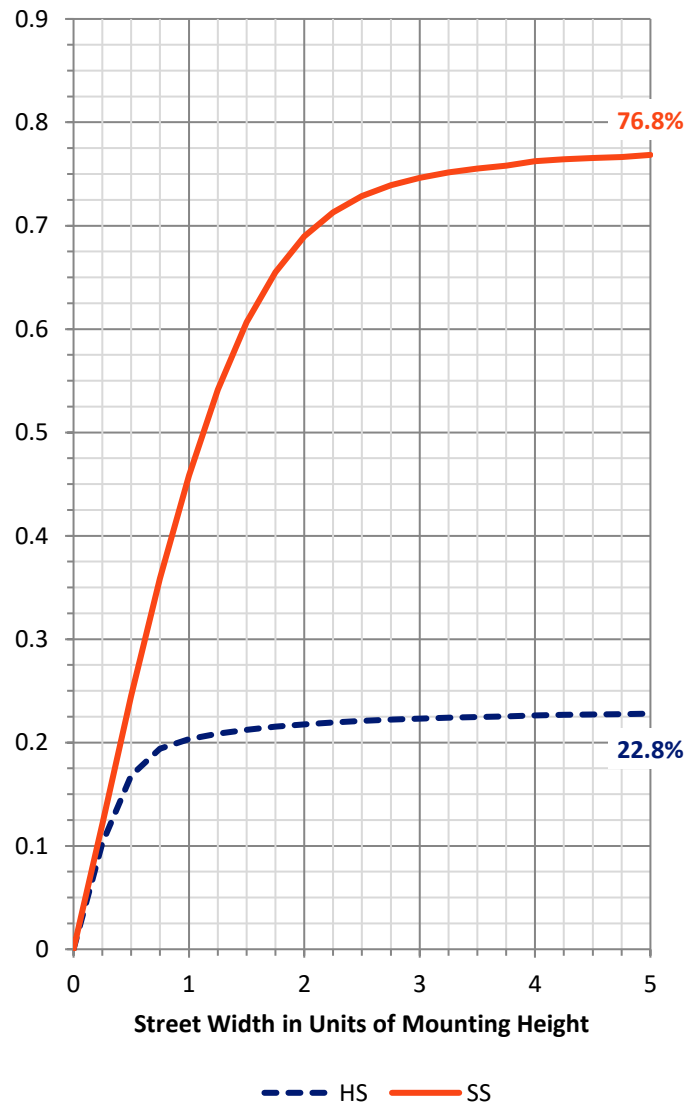
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2750.4	0.0	2750.4
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	9168.3	0.0	9168.3
	% Fixture	76.9	0.0	76.9
Total	Lumens	11918.7	0.0	11918.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.6	1.1
10°-20°	444.5	3.7
20°-30°	784.8	6.6
30°-40°	1126.5	9.5
40°-50°	1711.0	14.4
50°-60°	2519.1	21.1
60°-70°	3347.8	28.1
70°-80°	1637.8	13.7
80°-90°	217.5	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°	11918.7	100.0
0°-180°	11918.7	100.0



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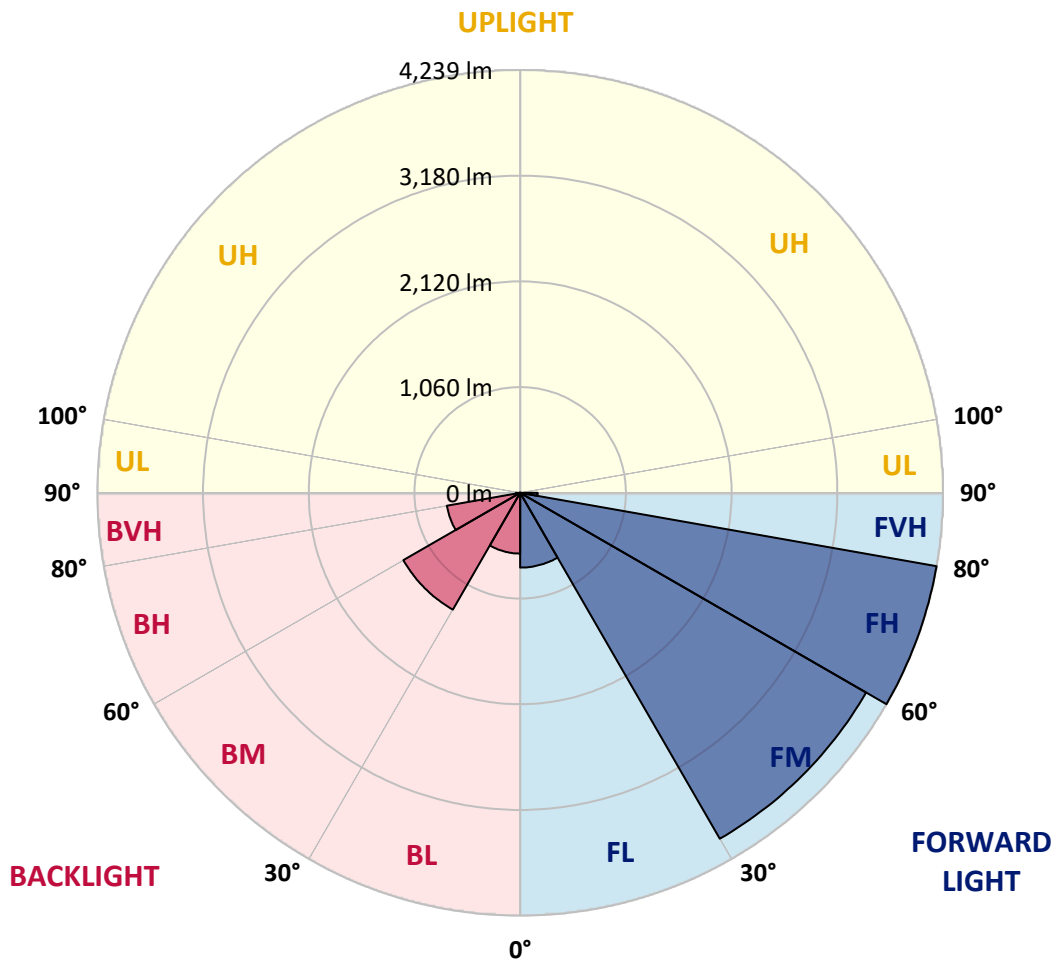
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	749.8	6.3			
FM	(30°-60°)	4004.4	33.6			
FH	(60°-80°)	4239.4	35.6			G2/5000
FVH	(80°-90°)	174.7	1.5			G2/225
BL	(0°-30°)	609.1	5.1	B2/1000		
BM	(30°-60°)	1352.2	11.3	B2/2500		
BH	(60°-80°)	746.3	6.3	B2/1000		G2/1000
BVH	(80°-90°)	42.8	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°	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0
2.5°	1363.5	1364.8	1362.1	1360.8	1353.0	1345.1	1339.9	1333.4	1333.4	1333.4	1330.8
5°	1440.7	1435.5	1439.4	1430.2	1414.5	1400.1	1385.7	1374.0	1371.4	1371.4	1366.1
7.5°	1533.6	1527.1	1524.4	1511.4	1487.8	1466.9	1438.1	1426.3	1419.7	1417.1	1414.5
10°	1646.1	1646.1	1629.1	1606.9	1575.5	1538.8	1507.5	1486.5	1485.1	1485.1	1473.4
12.5°	1761.3	1763.9	1741.7	1719.4	1668.4	1619.9	1583.3	1559.7	1558.4	1553.2	1546.7
15°	1867.3	1860.8	1846.3	1813.6	1757.3	1699.7	1654.0	1630.4	1625.2	1619.9	1616.0
17.5°	1954.9	1948.4	1930.1	1888.2	1829.3	1761.3	1705.0	1680.1	1677.5	1674.9	1669.7
20°	2009.9	2004.7	1978.5	1930.1	1868.6	1799.2	1739.0	1722.1	1716.8	1716.8	1714.2
22.5°	2041.3	2033.4	1995.5	1931.4	1871.2	1820.2	1770.4	1759.9	1756.0	1757.3	1757.3
25°	2057.0	2050.4	1996.8	1905.2	1847.6	1833.2	1812.3	1805.8	1807.1	1808.4	1811.0
27.5°	2059.6	2050.4	1987.6	1871.2	1817.5	1858.1	1872.5	1883.0	1883.0	1888.2	1897.3
30°	2040.0	2029.5	1969.3	1845.0	1804.5	1907.8	1965.4	1992.8	2003.4	2000.8	2021.7
32.5°	2006.0	1999.5	1951.0	1845.0	1841.1	2006.0	2108.0	2147.3	2152.5	2155.2	2178.7
35°	1994.2	1992.8	1971.9	1907.8	1954.9	2178.7	2334.4	2364.5	2371.1	2371.1	2388.0
37.5°	1991.5	1998.2	2021.7	2025.6	2155.2	2435.2	2639.3	2685.0	2685.0	2698.2	2698.2
40°	1991.5	2006.0	2094.9	2200.9	2399.8	2768.9	3051.5	3103.8	3103.8	3118.3	3110.3
42.5°	2068.8	2089.7	2236.3	2437.8	2708.7	3112.9	3437.5	3496.4	3500.3	3496.4	3508.1
45°	2220.6	2238.9	2416.9	2706.1	3026.6	3482.0	3806.4	3877.1	3862.7	3871.9	3875.8
47.5°	2422.1	2450.9	2653.7	2999.1	3336.8	3823.5	4220.0	4284.1	4278.9	4282.8	4265.8
50°	2636.7	2666.8	2893.1	3289.6	3645.5	4098.3	4552.3	4647.8	4638.7	4645.2	4654.4
52.5°	2826.4	2844.8	3063.3	3508.1	3879.7	4354.7	4807.5	4926.5	4947.5	4950.2	4956.7
55°	2938.9	2961.2	3161.4	3616.8	4049.9	4606.0	5099.3	5279.8	5320.4	5330.9	5359.7
57.5°	2978.2	3001.8	3183.6	3632.5	4142.8	4841.5	5506.3	5824.2	5858.3	5914.5	6006.1
60°	2976.9	3001.8	3160.1	3597.1	4237.0	5133.3	6139.6	6672.1	6844.9	6902.5	7033.3
62.5°	2855.2	2884.0	3044.9	3489.8	4357.3	5506.3	7081.7	7900.9	8123.3	8228.0	8369.3
65°	2588.3	2609.2	2759.6	3217.7	4323.4	5874.0	7869.4	8891.4	9094.2	9247.3	9499.9
67°	2351.5	2364.5	2482.2	2895.7	3991.0	5887.0	8118.1	9137.4	9314.0	9476.3	9736.7
67.5°	2291.2	2318.7	2410.3	2797.6	3866.7	5812.4	8101.1	9099.5	9280.1	9448.8	9723.6
70°	1864.7	1903.9	1949.7	2210.1	3039.7	4890.0	7500.4	8442.6	8600.9	8757.9	9141.4
72.5°	1150.1	1220.8	1230.1	1394.9	1978.5	3379.9	6068.9	7119.7	7238.7	7351.3	7743.9
75°	677.8	688.3	721.0	854.4	1160.7	2020.4	4072.1	5289.1	5398.9	5453.9	5761.4
77.5°	378.1	388.7	416.1	531.3	892.4	1360.8	2371.1	3107.7	3174.4	3243.8	3194.1
80°	157.0	171.4	184.5	214.6	417.4	1074.3	1630.4	1975.8	2019.1	2059.6	2110.6
82.5°	75.9	81.1	99.4	113.9	151.8	440.9	1278.4	1712.8	1763.9	1822.8	1941.9
85°	35.3	39.3	55.0	65.4	73.3	111.3	427.9	833.5	904.2	917.3	940.8
87.5°	2.6	2.6	6.5	9.1	13.1	14.4	44.5	62.8	70.7	64.1	81.1
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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CATALOG NUMBER: ICM-E05-LED-E1-SL3-8030

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0
2.5°	1329.5	1328.2	1325.5	1325.5	1324.2	1324.2	1324.2	1321.6	1321.6	1321.6	1320.3
5°	1364.8	1363.5	1359.5	1359.5	1356.9	1356.9	1353.0	1351.7	1349.1	1349.1	1347.8
7.5°	1410.6	1409.3	1404.0	1404.0	1400.1	1398.8	1396.2	1392.3	1392.3	1389.7	1387.1
10°	1473.4	1469.5	1468.2	1461.6	1462.9	1460.3	1457.7	1453.8	1451.2	1448.6	1445.9
12.5°	1544.0	1544.0	1537.5	1533.6	1536.2	1533.6	1528.4	1527.1	1523.1	1523.1	1519.2
15°	1610.8	1610.8	1608.2	1602.9	1604.3	1600.3	1599.0	1596.4	1591.2	1592.5	1591.2
17.5°	1668.4	1668.4	1664.5	1661.8	1661.8	1657.9	1659.2	1656.6	1654.0	1652.7	1648.8
20°	1714.2	1714.2	1711.5	1708.9	1710.2	1710.2	1706.3	1706.3	1706.3	1703.7	1703.7
22.5°	1758.6	1759.9	1759.9	1759.9	1761.3	1762.6	1761.3	1763.9	1762.6	1765.2	1765.2
25°	1817.5	1821.5	1824.1	1824.1	1830.6	1831.9	1833.2	1837.1	1837.1	1841.1	1842.4
27.5°	1905.2	1907.8	1918.3	1920.9	1922.2	1932.7	1934.0	1939.3	1944.5	1945.8	1947.1
30°	2025.6	2032.1	2040.0	2045.2	2045.2	2058.3	2063.5	2060.9	2075.3	2079.3	2084.5
32.5°	2186.5	2191.7	2199.6	2204.9	2210.1	2216.7	2218.0	2224.5	2236.3	2246.7	2240.2
35°	2389.3	2402.4	2389.3	2403.7	2407.6	2416.9	2414.2	2422.1	2427.3	2431.3	2430.0
37.5°	2683.7	2677.2	2674.6	2669.4	2660.2	2691.6	2675.9	2674.6	2666.8	2689.0	2674.6
40°	3071.1	3075.0	3079.0	3058.0	3046.3	3046.3	3042.3	3027.9	3021.4	3041.0	3038.3
42.5°	3475.5	3479.4	3461.0	3447.9	3417.9	3414.0	3395.6	3391.6	3385.1	3395.6	3385.1
45°	3843.1	3845.7	3805.1	3811.7	3788.2	3792.1	3763.3	3775.1	3759.4	3769.9	3789.5
47.5°	4254.0	4259.3	4223.9	4238.3	4214.7	4200.4	4199.0	4206.9	4189.9	4200.4	4205.6
50°	4626.9	4620.4	4602.1	4606.0	4595.6	4598.2	4582.4	4596.9	4577.2	4598.2	4595.6
52.5°	4958.0	4950.2	4946.2	4959.3	4950.2	4950.2	4941.0	4947.5	4950.2	4981.5	4988.1
55°	5359.7	5366.3	5372.8	5396.3	5406.8	5389.8	5406.8	5439.6	5440.9	5515.4	5555.9
57.5°	6004.8	6050.6	6074.2	6088.5	6150.1	6143.5	6182.7	6261.2	6269.2	6441.8	6542.6
60°	7130.1	7211.3	7288.4	7246.6	7370.9	7408.9	7432.4	7578.9	7624.8	7788.3	7876.0
62.5°	8551.2	8560.3	8680.7	8642.8	8713.4	8696.4	8725.3	8792.0	8852.1	8986.9	9069.4
65°	9543.0	9586.2	9633.4	9584.9	9583.6	9526.0	9489.4	9488.1	9524.7	9553.5	9645.1
67°	9812.6	9855.8	9867.6	9832.2	9781.2	9707.9	9639.9	9604.5	9581.0	9594.1	9651.7
67.5°	9810.0	9850.6	9864.9	9830.9	9760.2	9698.8	9626.8	9586.2	9554.8	9561.4	9609.7
70°	9252.5	9340.2	9387.3	9397.8	9388.6	9281.4	9219.9	9183.2	9157.0	9092.9	9089.0
72.5°	7839.3	7945.4	7982.0	8040.9	8067.0	7908.7	7842.0	7882.6	7790.9	7588.1	7597.3
75°	5756.2	5764.0	5641.1	5617.5	5529.8	5171.3	5063.9	4965.8	4808.8	4564.1	4333.8
77.5°	3000.5	2999.1	2857.8	2785.9	2681.1	2465.2	2454.8	2279.5	2156.5	1932.7	1851.5
80°	2131.5	2165.6	2212.7	2236.3	2199.6	2115.9	2000.8	1876.4	1733.8	1593.8	1426.3
82.5°	1982.4	2003.4	2028.2	1936.6	1885.6	1767.8	1680.1	1499.5	1398.8	1239.2	1070.3
85°	964.4	1028.5	978.8	921.2	901.6	705.3	681.8	569.2	516.8	425.3	396.5
87.5°	61.5	75.9	68.0	61.5	53.7	30.1	40.6	28.7	30.1	22.2	19.6
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°	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0
2.5°	1320.3	1319.0	1317.7	1316.4	1315.1	1315.1	1313.8	1312.5	1311.2	1308.6	1308.6
5°	1345.1	1345.1	1343.8	1341.2	1341.2	1338.6	1334.7	1333.4	1333.4	1330.8	1328.2
7.5°	1385.7	1384.4	1381.8	1380.5	1377.9	1375.3	1372.7	1370.1	1368.8	1364.8	1363.5
10°	1447.3	1444.6	1438.1	1435.5	1434.1	1431.5	1428.9	1426.3	1422.3	1419.7	1418.4
12.5°	1516.6	1515.3	1510.1	1512.7	1506.1	1503.5	1500.8	1494.3	1496.9	1491.7	1489.1
15°	1586.0	1587.3	1584.7	1584.7	1579.4	1575.5	1572.8	1567.6	1566.3	1563.6	1561.0
17.5°	1647.5	1650.1	1646.1	1643.5	1640.8	1638.2	1633.0	1627.8	1627.8	1622.5	1619.9
20°	1703.7	1706.3	1705.0	1702.4	1698.4	1697.1	1694.5	1690.6	1690.6	1688.0	1684.1
22.5°	1767.8	1769.1	1769.1	1767.8	1763.9	1765.2	1762.6	1758.6	1759.9	1754.7	1754.7
25°	1845.0	1847.6	1850.2	1851.5	1848.9	1850.2	1847.6	1845.0	1843.7	1845.0	1843.7
27.5°	1951.0	1953.6	1961.5	1954.9	1961.5	1962.8	1958.9	1953.6	1957.6	1964.1	1960.2
30°	2091.0	2088.4	2098.9	2100.2	2098.9	2100.2	2097.6	2093.6	2096.3	2108.0	2101.5
32.5°	2248.0	2253.3	2255.9	2258.5	2262.4	2267.6	2263.7	2259.8	2266.3	2262.4	2271.5
35°	2437.8	2449.6	2453.5	2449.6	2452.2	2461.3	2460.0	2461.3	2474.4	2461.3	2478.3
37.5°	2677.2	2689.0	2698.2	2692.9	2699.5	2699.5	2710.0	2738.7	2720.4	2743.9	2762.2
40°	3025.3	3043.6	3044.9	3043.6	3050.2	3058.0	3068.5	3099.9	3079.0	3103.8	3120.9
42.5°	3383.8	3406.1	3414.0	3400.9	3415.3	3432.2	3433.6	3461.0	3462.3	3466.3	3475.5
45°	3788.2	3807.8	3823.5	3817.0	3818.3	3840.5	3835.3	3861.4	3841.8	3841.8	3847.1
47.5°	4218.6	4237.0	4247.5	4257.9	4244.9	4264.5	4273.6	4268.4	4244.9	4239.7	4208.2
50°	4611.2	4626.9	4642.6	4671.4	4670.1	4679.3	4685.8	4662.3	4657.1	4628.2	4592.9
52.5°	5027.4	5067.9	5103.2	5163.4	5172.6	5204.0	5192.2	5153.0	5146.5	5099.3	5052.2
55°	5607.0	5723.5	5774.5	5867.4	5930.2	5928.9	5902.7	5896.2	5846.5	5752.2	5696.0
57.5°	6615.9	6797.8	6885.4	7005.8	7025.4	7013.7	6979.7	6919.5	6833.1	6674.7	6572.7
60°	8072.2	8184.8	8286.8	8315.7	8330.0	8307.8	8188.7	8055.2	7886.5	7668.0	7486.1
62.5°	9172.7	9287.9	9363.8	9352.0	9261.7	9147.9	8973.8	8750.1	8513.3	8268.5	7996.3
65°	9732.8	9781.2	9769.5	9677.8	9523.4	9324.5	9070.7	8794.6	8515.9	8226.7	7944.0
67°	9702.7	9704.0	9624.2	9446.2	9248.6	8998.7	8688.6	8387.6	8060.5	7756.9	7420.6
67.5°	9649.0	9643.8	9532.6	9337.6	9124.3	8866.6	8544.6	8233.3	7894.3	7588.1	7240.0
70°	9041.9	8968.6	8717.4	8405.9	8108.9	7760.9	7423.2	7066.0	6683.9	6420.9	6020.5
72.5°	7429.8	7182.5	6749.3	6423.6	6105.5	5650.2	5439.6	4995.9	4727.7	4560.2	4257.9
75°	4302.4	4095.7	3760.7	3455.8	3301.4	3031.8	2903.6	2577.8	2509.8	2507.1	2402.4
77.5°	1642.1	1432.8	1216.9	980.1	833.5	662.1	583.6	522.1	475.0	507.7	460.6
80°	1231.4	1012.8	791.6	575.7	410.9	303.5	260.4	240.7	229.0	219.8	213.3
82.5°	917.3	723.6	561.4	366.4	256.5	193.7	167.5	157.0	151.8	142.6	134.8
85°	310.1	248.7	196.3	136.1	107.3	87.6	81.1	78.5	74.6	68.0	64.1
87.5°	17.0	15.7	17.0	13.1	15.7	13.1	14.4	14.4	14.4	13.1	13.1
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°	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0	1302.0
2.5°	1307.2	1307.2	1307.2	1304.6	1300.7	1292.8	1284.9	1278.4	1271.9	1267.9	1265.3
5°	1326.8	1324.2	1322.9	1321.6	1312.5	1296.8	1282.3	1269.3	1256.2	1245.7	1241.8
7.5°	1362.1	1356.9	1355.6	1351.7	1339.9	1316.4	1295.4	1274.5	1256.2	1241.8	1235.3
10°	1415.8	1415.8	1408.0	1402.7	1389.7	1358.2	1328.2	1300.7	1275.8	1260.1	1256.2
12.5°	1483.8	1483.8	1477.3	1473.4	1457.7	1417.1	1380.5	1347.8	1324.2	1308.6	1307.2
15°	1554.5	1553.2	1548.0	1542.7	1525.8	1482.5	1445.9	1417.1	1397.5	1379.2	1374.0
17.5°	1617.3	1617.3	1610.8	1605.6	1588.6	1551.9	1519.2	1498.2	1476.0	1438.1	1409.3
20°	1680.1	1681.4	1676.2	1671.0	1656.6	1625.2	1610.8	1589.9	1540.1	1457.7	1389.7
22.5°	1749.5	1754.7	1748.2	1743.0	1731.2	1718.1	1712.8	1663.2	1558.4	1426.3	1326.8
25°	1838.4	1847.6	1839.8	1837.1	1830.6	1834.5	1818.8	1703.7	1532.3	1358.2	1234.0
27.5°	1960.2	1960.2	1961.5	1961.5	1958.9	1973.2	1915.6	1705.0	1474.7	1270.6	1122.7
30°	2102.8	2110.6	2108.0	2108.0	2118.5	2127.6	1969.3	1676.2	1401.4	1162.0	986.6
32.5°	2274.2	2280.8	2283.4	2271.5	2313.5	2266.3	1988.9	1623.9	1311.2	1027.2	824.4
35°	2480.9	2490.2	2496.7	2498.0	2525.4	2386.7	1978.5	1546.7	1181.6	858.4	646.4
37.5°	2750.5	2768.9	2783.2	2789.8	2791.1	2488.9	1949.7	1444.6	1012.8	670.0	481.5
40°	3109.0	3128.7	3124.8	3137.9	3063.3	2549.0	1884.3	1296.8	803.4	492.0	371.6
42.5°	3454.5	3457.1	3462.3	3450.5	3298.8	2580.4	1792.7	1116.2	602.0	367.7	318.0
45°	3840.5	3818.3	3793.4	3775.1	3516.0	2592.2	1667.1	896.4	425.3	308.8	294.4
47.5°	4203.0	4172.9	4121.9	4069.5	3709.7	2573.9	1506.1	671.3	323.2	282.6	278.7
50°	4558.9	4502.6	4430.6	4370.4	3895.5	2546.3	1328.2	484.2	282.6	269.6	265.7
52.5°	4999.8	4905.6	4811.5	4733.0	4137.5	2503.2	1141.0	367.7	265.7	259.1	253.9
55°	5604.4	5473.5	5321.8	5211.8	4466.0	2437.8	944.7	311.4	257.8	252.6	244.7
57.5°	6441.8	6245.5	6074.2	5894.9	4914.8	2371.1	775.9	289.2	256.5	248.7	238.1
60°	7297.6	7062.1	6843.6	6587.1	5372.8	2304.3	658.1	286.6	260.4	248.7	232.9
62.5°	7742.6	7499.1	7236.1	6975.8	5570.4	2147.3	577.0	290.5	269.6	252.6	232.9
65°	7640.4	7343.4	7076.5	6810.8	5341.4	1850.2	488.1	295.7	287.9	268.3	236.8
67°	7127.5	6817.4	6561.0	6307.1	4831.1	1549.3	418.7	300.9	307.5	286.6	244.7
67.5°	6946.9	6636.8	6384.3	6137.0	4680.6	1486.5	401.7	303.5	311.4	291.8	247.4
70°	5760.1	5532.4	5264.2	5073.1	3789.5	1100.5	329.8	308.8	335.0	321.9	259.1
72.5°	4145.4	3928.2	3726.6	3620.7	2791.1	769.4	277.4	303.5	349.4	338.9	264.3
75°	2203.5	2190.4	2117.2	2169.5	1727.3	502.5	244.7	283.9	333.7	310.1	246.0
77.5°	444.9	458.0	537.8	530.0	557.4	280.0	209.4	243.4	257.8	227.7	200.2
80°	206.8	202.8	198.9	201.5	197.6	179.3	170.1	191.1	179.3	146.5	133.5
82.5°	128.3	125.6	121.7	120.4	133.5	142.6	149.2	150.5	119.1	102.0	98.1
85°	61.5	61.5	60.2	62.8	78.5	116.5	125.6	111.3	79.8	73.3	69.4
87.5°	11.8	11.8	13.1	11.8	15.7	27.4	31.4	36.7	30.1	31.4	35.3
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):

	165°	175°	180°
0°	1302.0	1302.0	1302.0
2.5°	1262.7	1260.1	1260.1
5°	1236.6	1235.3	1235.3
7.5°	1230.1	1231.4	1230.1
10°	1254.9	1253.6	1258.8
12.5°	1309.9	1313.8	1312.5
15°	1367.5	1370.1	1370.1
17.5°	1384.4	1375.3	1374.0
20°	1339.9	1322.9	1319.0
22.5°	1256.2	1224.8	1226.1
25°	1150.1	1112.3	1114.9
27.5°	1027.2	986.6	985.3
30°	879.4	834.8	812.6
32.5°	701.4	647.7	647.7
35°	527.4	484.2	468.5
37.5°	400.4	375.5	367.7
40°	333.7	321.9	319.3
42.5°	303.5	299.6	298.3
45°	287.9	285.3	283.9
47.5°	273.5	272.2	270.9
50°	263.0	261.7	260.4
52.5°	253.9	251.3	250.0
55°	240.7	240.7	240.7
57.5°	232.9	232.9	231.6
60°	225.0	223.7	223.7
62.5°	218.5	215.9	217.2
65°	214.6	210.7	210.7
67°	212.0	204.1	204.1
67.5°	212.0	201.5	201.5
70°	208.1	191.1	188.5
72.5°	204.1	179.3	175.3
75°	193.7	170.1	166.1
77.5°	166.1	151.8	149.2
80°	128.3	111.3	113.9
82.5°	92.9	79.8	78.5
85°	66.7	57.6	57.6
87.5°	35.3	30.1	31.4
90°	0.0	0.0	0.0

(END OF REPORT)