

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: P180703

Luminaire Tested: **ICM-F05-LED-E1-SL3**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180703
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-F05-LED-E1-SL3
Description: ICON SITE MEDIUM LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (35) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11657.9 lumens
Efficiency: N/A
Efficacy: 87.5 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

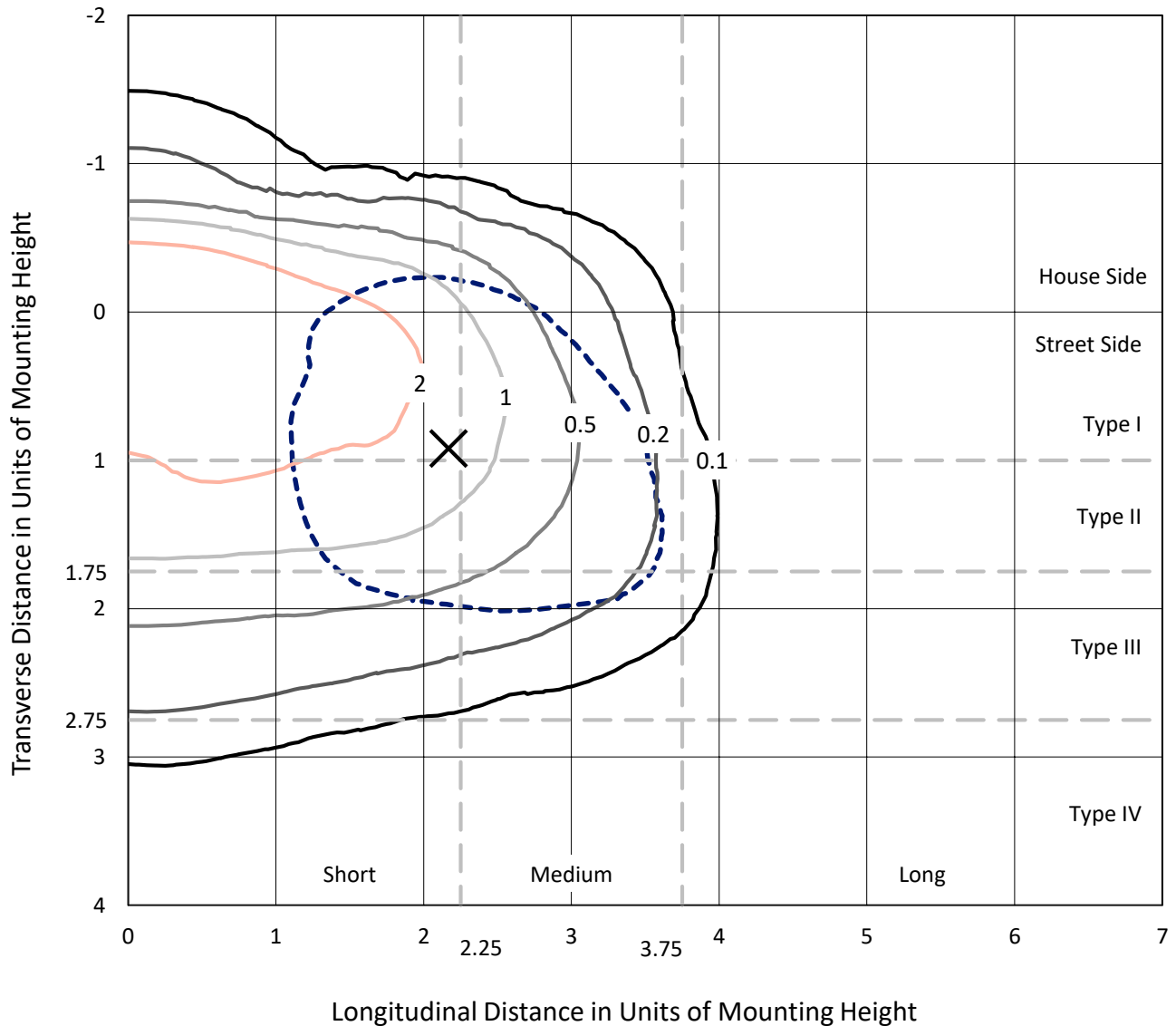
Input Watts (W): 133.3
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

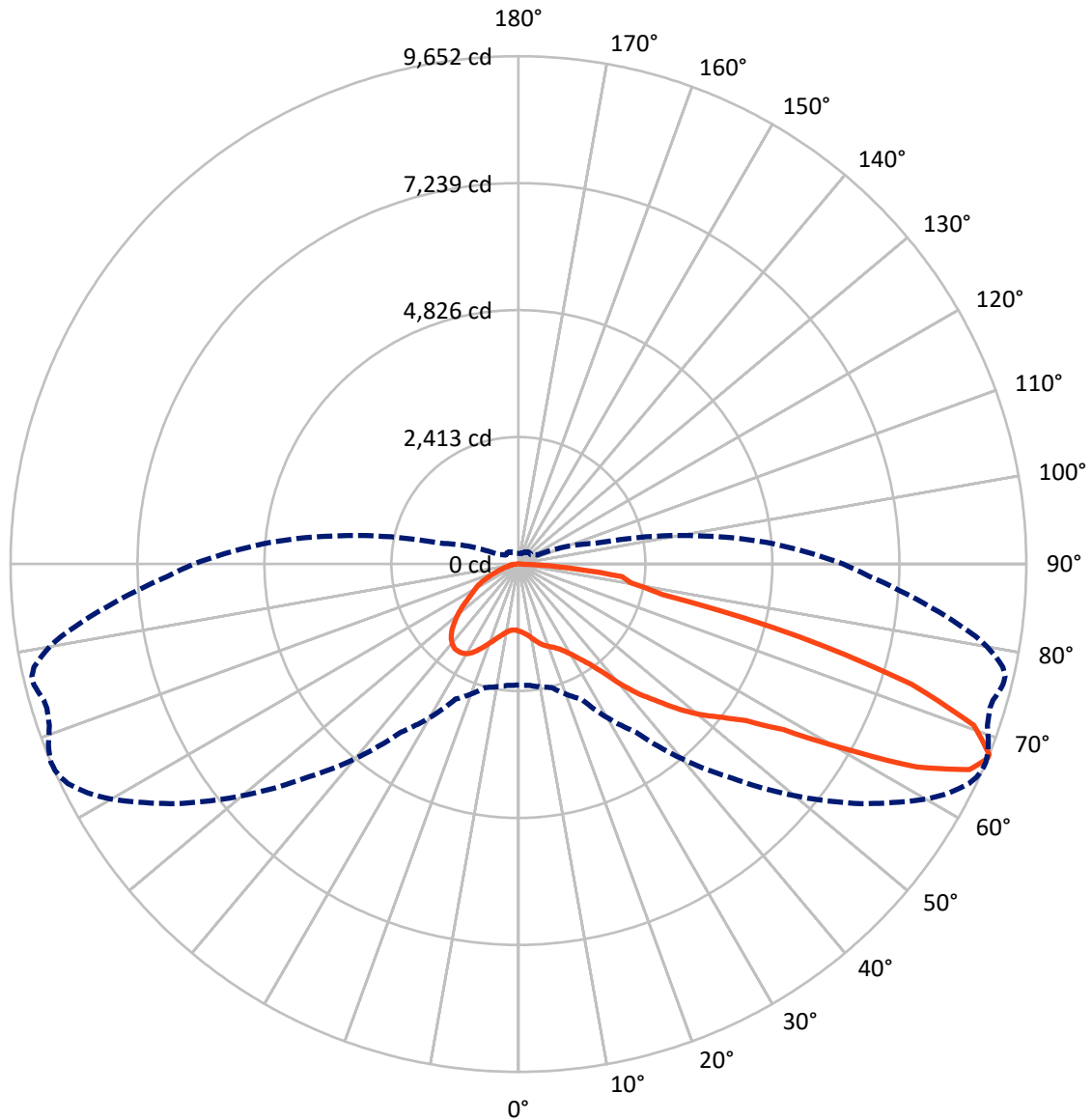
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.1 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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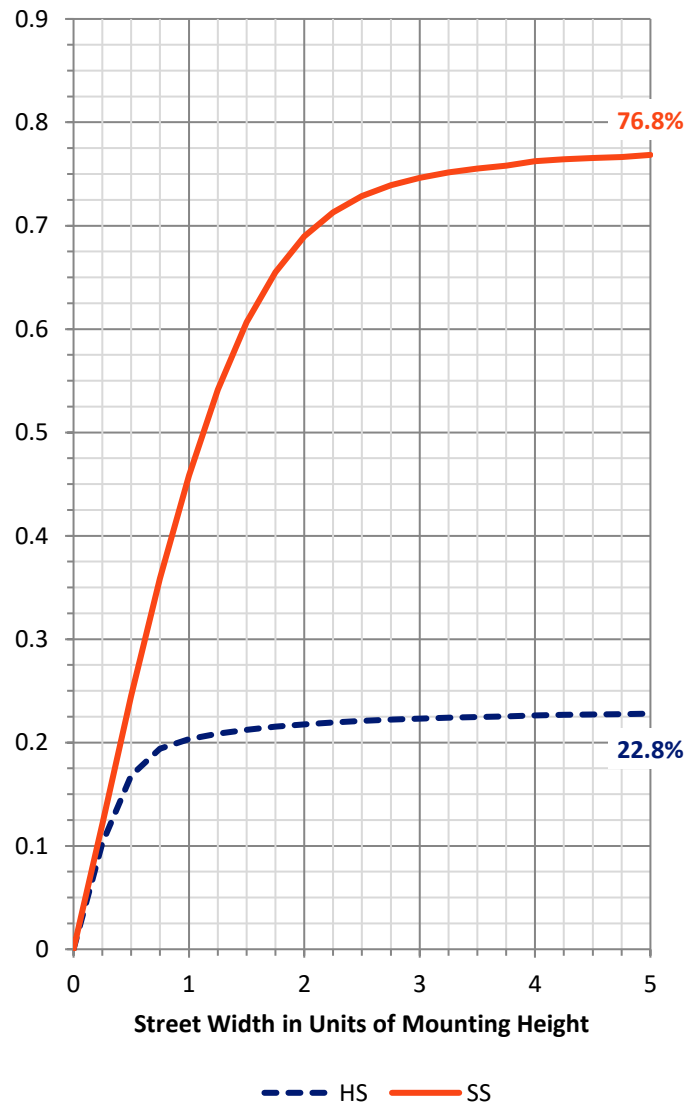
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2690.2	0.0	2690.2
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	8967.7	0.0	8967.7
	% Fixture	76.9	0.0	76.9
Total	Lumens	11657.9	0.0	11657.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.8	1.1
10°-20°	434.8	3.7
20°-30°	767.7	6.6
30°-40°	1101.9	9.5
40°-50°	1673.5	14.4
50°-60°	2464.0	21.1
60°-70°	3274.5	28.1
70°-80°	1602.0	13.7
80°-90°	212.7	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°	11657.9	100.0
0°-180°	11657.9	100.0



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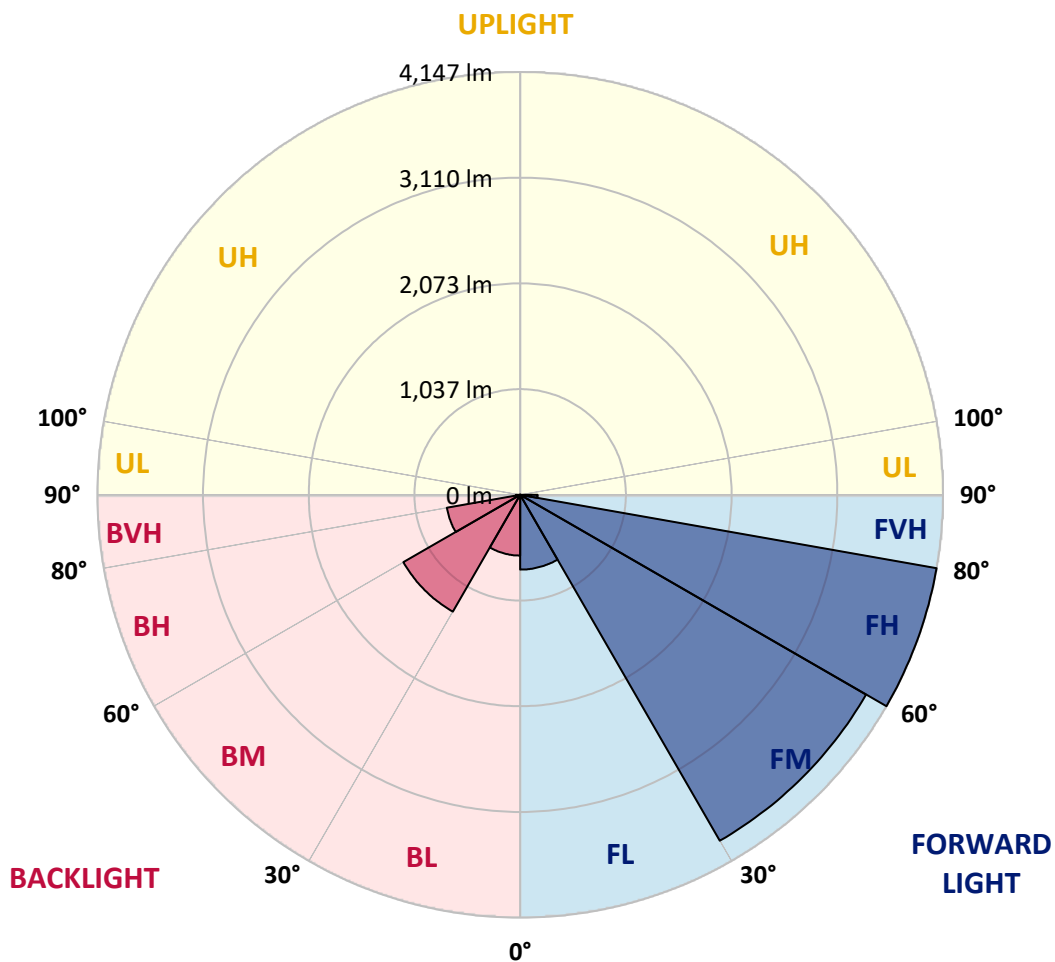
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	733.4	6.3			
FM	(30°-60°)	3916.8	33.6			
FH	(60°-80°)	4146.6	35.6			G2/5000
FVH	(80°-90°)	170.9	1.5			G2/225
BL	(0°-30°)	595.8	5.1	B2/1000		
BM	(30°-60°)	1322.6	11.3	B2/2500		
BH	(60°-80°)	729.9	6.3	B2/1000		G2/1000
BVH	(80°-90°)	41.8	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°	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5
2.5°	1333.7	1334.9	1332.4	1331.1	1323.4	1315.7	1310.6	1304.2	1304.2	1304.2	1301.7
5°	1409.1	1404.0	1407.9	1398.9	1383.5	1369.5	1355.5	1343.9	1341.3	1341.3	1336.2
7.5°	1500.0	1493.6	1491.1	1478.2	1455.3	1434.8	1406.6	1395.1	1388.7	1386.1	1383.5
10°	1610.1	1610.1	1593.5	1571.7	1541.0	1505.1	1474.4	1454.0	1452.7	1452.7	1441.1
12.5°	1722.7	1725.3	1703.5	1681.8	1631.8	1584.5	1548.7	1525.6	1524.4	1519.3	1512.8
15°	1826.4	1820.0	1806.0	1774.0	1718.9	1662.6	1617.8	1594.7	1589.6	1584.5	1580.7
17.5°	1912.2	1905.8	1887.8	1846.9	1789.3	1722.7	1667.7	1643.4	1640.8	1638.2	1633.1
20°	1965.9	1960.8	1935.2	1887.8	1827.6	1759.8	1700.9	1684.4	1679.2	1679.2	1676.7
22.5°	1996.7	1988.9	1951.8	1889.1	1830.2	1780.3	1731.7	1721.5	1717.6	1718.9	1718.9
25°	2012.0	2005.6	1953.1	1863.5	1807.2	1793.1	1772.7	1766.2	1767.5	1768.8	1771.4
27.5°	2014.5	2005.6	1944.2	1830.2	1777.8	1817.4	1831.5	1841.8	1841.8	1846.9	1855.8
30°	1995.4	1985.1	1926.2	1804.7	1764.9	1866.1	1922.4	1949.3	1959.5	1956.9	1977.4
32.5°	1962.1	1955.6	1908.3	1804.7	1800.8	1962.1	2061.9	2100.3	2105.4	2108.0	2131.0
35°	1950.5	1949.3	1928.8	1866.1	1912.2	2131.0	2283.4	2312.8	2319.2	2319.2	2335.8
37.5°	1948.0	1954.4	1977.4	1981.3	2108.0	2381.9	2581.5	2626.3	2626.3	2639.2	2639.2
40°	1948.0	1962.1	2049.1	2152.8	2347.4	2708.3	2984.7	3035.9	3035.9	3050.0	3042.3
42.5°	2023.5	2044.0	2187.4	2384.5	2649.4	3044.9	3362.3	3419.8	3423.7	3419.8	3431.4
45°	2172.0	2189.9	2363.9	2646.8	2960.4	3405.8	3723.2	3792.3	3778.3	3787.2	3791.0
47.5°	2369.0	2397.2	2595.6	2933.5	3263.7	3739.8	4127.7	4190.4	4185.2	4189.0	4172.5
50°	2579.0	2608.4	2829.9	3217.6	3565.8	4008.6	4452.8	4546.2	4537.2	4543.7	4552.6
52.5°	2764.6	2782.5	2996.2	3431.4	3794.9	4259.5	4702.4	4818.8	4839.3	4841.8	4848.2
55°	2874.6	2896.4	3092.2	3537.6	3961.2	4505.2	4987.8	5164.4	5204.0	5214.3	5242.5
57.5°	2913.0	2936.1	3114.0	3553.0	4052.1	4735.6	5385.8	5696.8	5730.1	5785.2	5874.7
60°	2911.7	2936.1	3090.9	3518.4	4144.3	5021.1	6005.2	6526.2	6695.1	6751.4	6879.4
62.5°	2792.8	2820.9	2978.3	3413.5	4262.1	5385.8	6926.7	7728.0	7945.5	8048.0	8186.2
65°	2531.6	2552.1	2699.3	3147.3	4228.8	5745.4	7697.3	8696.9	8895.2	9045.0	9292.1
67°	2299.9	2312.8	2427.9	2832.4	3903.7	5758.3	7940.4	8937.5	9110.3	9269.0	9523.7
67.5°	2241.1	2268.0	2357.6	2736.4	3782.1	5685.2	7923.8	8900.3	9077.0	9242.1	9510.8
70°	1823.8	1862.2	1907.1	2161.8	2973.2	4782.9	7336.3	8257.8	8412.7	8566.3	8941.4
72.5°	1125.0	1194.1	1203.1	1364.4	1935.2	3306.0	5936.1	6963.9	7080.3	7190.5	7574.4
75°	663.0	673.2	705.2	835.7	1135.3	1976.2	3983.0	5173.3	5280.9	5334.5	5635.4
77.5°	369.9	380.1	407.0	519.6	872.8	1331.1	2319.2	3039.7	3105.0	3172.9	3124.2
80°	153.6	167.6	180.5	209.9	408.3	1050.8	1594.7	1932.7	1974.9	2014.5	2064.5
82.5°	74.2	79.3	97.3	111.3	148.5	431.4	1250.4	1675.4	1725.3	1782.9	1899.4
85°	34.5	38.4	53.8	64.0	71.6	108.7	418.5	815.3	884.4	897.2	920.3
87.5°	2.6	2.6	6.4	8.9	12.8	14.0	43.5	61.4	69.1	62.7	79.3
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°	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5
2.5°	1300.4	1299.1	1296.6	1296.6	1295.3	1295.3	1295.3	1292.7	1292.7	1292.7	1291.4
5°	1334.9	1333.7	1329.8	1329.8	1327.3	1327.3	1323.4	1322.1	1319.5	1319.5	1318.3
7.5°	1379.7	1378.4	1373.3	1373.3	1369.5	1368.2	1365.7	1361.8	1361.8	1359.3	1356.7
10°	1441.1	1437.3	1436.0	1429.7	1430.9	1428.4	1425.8	1422.0	1419.4	1416.8	1414.2
12.5°	1510.2	1510.2	1503.9	1500.0	1502.6	1500.0	1494.9	1493.6	1489.8	1489.8	1486.0
15°	1575.5	1575.5	1573.0	1567.8	1569.1	1565.3	1564.0	1561.5	1556.4	1557.6	1556.4
17.5°	1631.8	1631.8	1628.0	1625.5	1625.5	1621.6	1622.9	1620.4	1617.8	1616.5	1612.7
20°	1676.7	1676.7	1674.1	1671.5	1672.8	1672.8	1668.9	1668.9	1668.9	1666.4	1666.4
22.5°	1720.2	1721.5	1721.5	1721.5	1722.7	1724.0	1722.7	1725.3	1724.0	1726.6	1726.6
25°	1777.8	1781.6	1784.2	1784.2	1790.5	1791.8	1793.1	1796.9	1796.9	1800.8	1802.1
27.5°	1863.5	1866.1	1876.3	1878.9	1880.2	1890.4	1891.6	1896.8	1902.0	1903.2	1904.5
30°	1981.3	1987.6	1995.4	2000.5	2000.5	2013.3	2018.4	2015.8	2029.9	2033.8	2038.9
32.5°	2138.7	2143.8	2151.5	2156.6	2161.8	2168.1	2169.4	2175.8	2187.4	2197.6	2191.2
35°	2337.0	2349.9	2337.0	2351.2	2355.0	2363.9	2361.4	2369.0	2374.2	2378.1	2376.8
37.5°	2625.0	2618.6	2616.1	2611.0	2602.1	2632.8	2617.4	2616.1	2608.4	2630.2	2616.1
40°	3003.9	3007.7	3011.6	2991.1	2979.6	2979.6	2975.7	2961.7	2955.3	2974.4	2971.9
42.5°	3399.4	3403.3	3385.3	3372.5	3343.1	3339.3	3321.3	3317.5	3311.1	3321.3	3311.1
45°	3759.0	3761.6	3721.9	3728.3	3705.3	3709.1	3681.0	3692.5	3677.1	3687.4	3706.5
47.5°	4161.0	4166.1	4131.5	4145.6	4122.5	4108.5	4107.2	4114.8	4098.3	4108.5	4113.6
50°	4525.7	4519.3	4501.4	4505.2	4495.0	4497.5	4482.2	4496.2	4477.1	4497.5	4495.0
52.5°	4849.5	4841.8	4838.0	4850.8	4841.8	4841.8	4832.9	4839.3	4841.8	4872.6	4878.9
55°	5242.5	5248.9	5255.2	5278.3	5288.5	5271.8	5288.5	5320.5	5321.8	5394.7	5434.5
57.5°	5873.4	5918.2	5941.2	5955.3	6015.5	6009.1	6047.5	6124.3	6131.9	6300.9	6399.5
60°	6974.1	7053.4	7129.0	7088.0	7209.6	7246.7	7269.8	7413.2	7457.9	7617.9	7703.7
62.5°	8364.1	8373.1	8490.8	8453.7	8522.8	8506.2	8534.3	8599.6	8658.5	8790.3	8870.9
65°	9334.3	9376.5	9422.6	9375.2	9373.9	9317.6	9281.7	9280.5	9316.3	9344.5	9434.1
67°	9597.9	9640.2	9651.7	9617.1	9567.2	9495.5	9429.0	9394.4	9371.4	9384.2	9440.5
67.5°	9595.3	9635.0	9649.1	9615.8	9546.8	9486.6	9416.2	9376.5	9345.7	9352.2	9399.5
70°	9050.1	9135.9	9181.9	9192.1	9183.2	9078.3	9018.1	8982.3	8956.7	8894.0	8890.1
72.5°	7667.9	7771.5	7807.3	7865.0	7890.6	7735.7	7670.4	7710.1	7620.5	7422.1	7431.0
75°	5630.3	5637.9	5517.6	5494.5	5408.8	5058.2	4953.1	4857.1	4703.6	4464.3	4239.0
77.5°	2934.8	2933.5	2795.3	2724.9	2622.5	2411.3	2401.0	2229.6	2109.2	1890.4	1811.1
80°	2084.9	2118.2	2164.3	2187.4	2151.5	2069.6	1956.9	1835.4	1695.8	1558.9	1395.1
82.5°	1939.1	1959.5	1983.8	1894.2	1844.3	1729.1	1643.4	1466.8	1368.2	1212.1	1047.0
85°	943.3	1006.0	957.4	901.0	881.9	689.9	666.8	556.7	505.6	416.0	387.8
87.5°	60.2	74.2	66.5	60.2	52.5	29.4	39.7	28.2	29.4	21.8	19.2
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°	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5
2.5°	1291.4	1290.1	1288.8	1287.5	1286.3	1286.3	1285.0	1283.7	1282.4	1279.9	1279.9
5°	1315.7	1315.7	1314.4	1311.9	1311.9	1309.3	1305.5	1304.2	1304.2	1301.7	1299.1
7.5°	1355.5	1354.1	1351.5	1350.2	1347.7	1345.1	1342.6	1340.0	1338.8	1334.9	1333.7
10°	1415.5	1413.0	1406.6	1404.0	1402.8	1400.2	1397.7	1395.1	1391.3	1388.7	1387.4
12.5°	1483.4	1482.1	1477.0	1479.5	1473.1	1470.6	1468.0	1461.6	1464.2	1459.1	1456.5
15°	1551.3	1552.5	1550.0	1550.0	1544.8	1541.0	1538.4	1533.3	1532.0	1529.5	1526.9
17.5°	1611.4	1614.0	1610.1	1607.5	1604.9	1602.4	1597.3	1592.2	1592.2	1587.1	1584.5
20°	1666.4	1668.9	1667.7	1665.1	1661.3	1660.0	1657.5	1653.6	1653.6	1651.1	1647.3
22.5°	1729.1	1730.4	1730.4	1729.1	1725.3	1726.6	1724.0	1720.2	1721.5	1716.3	1716.3
25°	1804.7	1807.2	1809.8	1811.1	1808.5	1809.8	1807.2	1804.7	1803.4	1804.7	1803.4
27.5°	1908.3	1910.9	1918.5	1912.2	1918.5	1919.8	1916.0	1910.9	1914.7	1921.1	1917.3
30°	2045.2	2042.7	2052.9	2054.2	2052.9	2054.2	2051.6	2047.8	2050.4	2061.9	2055.5
32.5°	2198.9	2204.0	2206.5	2209.1	2212.9	2218.1	2214.2	2210.3	2216.8	2212.9	2221.9
35°	2384.5	2395.9	2399.8	2395.9	2398.5	2407.5	2406.2	2407.5	2420.3	2407.5	2424.1
37.5°	2618.6	2630.2	2639.2	2634.1	2640.4	2640.4	2650.6	2678.8	2660.9	2683.9	2701.9
40°	2959.1	2977.0	2978.3	2977.0	2983.5	2991.1	3001.3	3032.0	3011.6	3035.9	3052.6
42.5°	3309.8	3331.6	3339.3	3326.4	3340.5	3357.1	3358.4	3385.3	3386.6	3390.4	3399.4
45°	3705.3	3724.5	3739.8	3733.4	3734.7	3756.5	3751.4	3777.0	3757.8	3757.8	3762.9
47.5°	4126.4	4144.3	4154.5	4164.8	4151.9	4171.2	4180.1	4175.0	4151.9	4146.8	4116.1
50°	4510.4	4525.7	4541.1	4569.2	4567.9	4576.9	4583.3	4560.2	4555.1	4527.0	4492.4
52.5°	4917.3	4957.1	4991.6	5050.4	5059.4	5090.2	5078.6	5040.2	5033.8	4987.8	4941.7
55°	5484.3	5598.3	5648.1	5739.0	5800.5	5799.2	5773.6	5767.2	5718.5	5626.4	5571.4
57.5°	6471.1	6649.1	6734.8	6852.5	6871.8	6860.2	6826.9	6768.0	6683.6	6528.7	6428.9
60°	7895.7	8005.7	8105.5	8133.7	8147.8	8126.0	8009.5	7879.0	7713.9	7500.1	7322.3
62.5°	8972.1	9084.7	9158.9	9147.4	9059.0	8947.7	8777.4	8558.7	8326.9	8087.7	7821.4
65°	9519.9	9567.2	9555.7	9466.1	9315.0	9120.5	8872.2	8602.2	8329.5	8046.7	7770.2
67°	9490.4	9491.7	9413.6	9239.5	9046.3	8801.8	8498.5	8204.1	7884.1	7587.2	7258.3
67.5°	9437.9	9432.8	9324.0	9133.3	8924.7	8672.5	8357.7	8053.1	7721.6	7422.1	7081.6
70°	8844.1	8772.3	8526.7	8222.0	7931.5	7591.0	7260.8	6911.4	6537.7	6280.4	5888.8
72.5°	7267.2	7025.3	6601.7	6283.0	5971.9	5526.5	5320.5	4886.6	4624.2	4460.4	4164.8
75°	4208.3	4006.1	3678.4	3380.2	3229.1	2965.5	2840.1	2521.4	2454.8	2452.3	2349.9
77.5°	1606.2	1401.5	1190.3	958.6	815.3	647.6	570.8	510.7	464.6	496.6	450.5
80°	1204.4	990.6	774.3	563.2	401.9	296.9	254.7	235.5	224.0	215.0	208.7
82.5°	897.2	707.8	549.1	358.3	250.9	189.4	163.8	153.6	148.5	139.5	131.8
85°	303.4	243.2	192.0	133.1	104.9	85.8	79.3	76.8	72.9	66.5	62.7
87.5°	16.7	15.3	16.7	12.8	15.3	12.8	14.0	14.0	14.0	12.8	12.8
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):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5	1273.5
2.5°	1278.6	1278.6	1278.6	1276.0	1272.2	1264.6	1256.8	1250.4	1244.1	1240.2	1237.7
5°	1297.8	1295.3	1294.0	1292.7	1283.7	1268.4	1254.3	1241.5	1228.7	1218.4	1214.6
7.5°	1332.4	1327.3	1326.0	1322.1	1310.6	1287.5	1267.1	1246.6	1228.7	1214.6	1208.2
10°	1384.8	1384.8	1377.1	1372.0	1359.3	1328.6	1299.1	1272.2	1247.9	1232.6	1228.7
12.5°	1451.4	1451.4	1445.0	1441.1	1425.8	1386.1	1350.2	1318.3	1295.3	1279.9	1278.6
15°	1520.5	1519.3	1514.1	1509.0	1492.4	1450.1	1414.2	1386.1	1366.9	1349.0	1343.9
17.5°	1582.0	1582.0	1575.5	1570.4	1553.8	1518.0	1486.0	1465.5	1443.7	1406.6	1378.4
20°	1643.4	1644.7	1639.5	1634.4	1620.4	1589.6	1575.5	1555.1	1506.4	1425.8	1359.3
22.5°	1711.2	1716.3	1710.0	1704.8	1693.3	1680.5	1675.4	1626.7	1524.4	1395.1	1297.8
25°	1798.2	1807.2	1799.5	1796.9	1790.5	1794.4	1779.1	1666.4	1498.7	1328.6	1207.0
27.5°	1917.3	1917.3	1918.5	1918.5	1916.0	1930.1	1873.8	1667.7	1442.4	1242.8	1098.1
30°	2056.8	2064.5	2061.9	2061.9	2072.1	2081.1	1926.2	1639.5	1370.8	1136.6	965.0
32.5°	2224.5	2230.8	2233.4	2221.9	2262.8	2216.8	1945.4	1588.4	1282.4	1004.8	806.3
35°	2426.7	2435.6	2442.1	2443.3	2470.2	2334.5	1935.2	1512.8	1155.7	839.6	632.3
37.5°	2690.3	2708.3	2722.3	2728.8	2730.0	2434.3	1907.1	1413.0	990.6	655.3	471.0
40°	3041.0	3060.2	3056.4	3069.1	2996.2	2493.2	1843.1	1268.4	785.9	481.2	363.4
42.5°	3378.9	3381.5	3386.6	3375.1	3226.6	2523.9	1753.4	1091.7	588.7	359.6	311.0
45°	3756.5	3734.7	3710.4	3692.5	3439.1	2535.5	1630.6	876.7	416.0	302.0	288.0
47.5°	4111.0	4081.6	4031.7	3980.5	3628.5	2517.5	1473.1	656.6	316.1	276.5	272.7
50°	4459.1	4404.1	4333.7	4274.8	3810.3	2490.7	1299.1	473.6	276.5	263.6	259.8
52.5°	4890.4	4798.4	4706.2	4629.3	4047.0	2448.4	1116.1	359.6	259.8	253.4	248.3
55°	5481.8	5353.8	5205.3	5097.8	4368.3	2384.5	924.1	304.7	252.1	247.0	239.4
57.5°	6300.9	6109.0	5941.2	5765.9	4807.3	2319.2	759.0	282.9	250.9	243.2	232.9
60°	7138.0	6907.6	6693.8	6443.0	5255.2	2253.9	643.8	280.3	254.7	243.2	227.8
62.5°	7573.2	7335.0	7077.8	6823.1	5448.5	2100.3	564.5	284.1	263.6	247.0	227.8
65°	7473.3	7182.7	6921.6	6661.8	5224.5	1809.8	477.4	289.2	281.6	262.4	231.6
67°	6971.6	6668.2	6417.3	6169.1	4725.3	1515.4	409.6	294.4	300.7	280.3	239.4
67.5°	6794.9	6491.6	6244.6	6002.7	4578.2	1454.0	392.9	296.9	304.7	285.4	241.9
70°	5634.1	5411.4	5149.0	4962.2	3706.5	1076.4	322.5	302.0	327.6	314.9	253.4
72.5°	4054.7	3842.3	3645.1	3541.4	2730.0	752.6	271.4	296.9	341.8	331.5	258.5
75°	2155.4	2142.5	2070.9	2122.1	1689.5	491.4	239.4	277.8	326.3	303.4	240.7
77.5°	435.2	448.0	526.0	518.3	545.2	273.9	204.7	238.0	252.1	222.7	195.8
80°	202.2	198.4	194.5	197.1	193.3	175.3	166.4	186.9	175.3	143.3	130.5
82.5°	125.4	122.9	119.1	117.8	130.5	139.5	145.9	147.2	116.5	99.8	96.0
85°	60.2	60.2	58.9	61.4	76.8	114.0	122.9	108.7	78.0	71.6	67.8
87.5°	11.5	11.5	12.8	11.5	15.3	26.9	30.7	35.8	29.4	30.7	34.5
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°	1273.5	1273.5	1273.5
2.5°	1235.1	1232.6	1232.6
5°	1209.5	1208.2	1208.2
7.5°	1203.1	1204.4	1203.1
10°	1227.4	1226.1	1231.3
12.5°	1281.2	1285.0	1283.7
15°	1337.5	1340.0	1340.0
17.5°	1354.1	1345.1	1343.9
20°	1310.6	1294.0	1290.1
22.5°	1228.7	1198.0	1199.3
25°	1125.0	1087.9	1090.4
27.5°	1004.8	965.0	963.7
30°	860.1	816.6	794.8
32.5°	686.1	633.6	633.6
35°	515.8	473.6	458.2
37.5°	391.6	367.4	359.6
40°	326.3	314.9	312.3
42.5°	296.9	293.1	291.8
45°	281.6	279.0	277.8
47.5°	267.5	266.2	264.9
50°	257.3	256.0	254.7
52.5°	248.3	245.8	244.5
55°	235.5	235.5	235.5
57.5°	227.8	227.8	226.5
60°	220.2	218.9	218.9
62.5°	213.8	211.2	212.5
65°	209.9	206.0	206.0
67°	207.4	199.6	199.6
67.5°	207.4	197.1	197.1
70°	203.5	186.9	184.3
72.5°	199.6	175.3	171.5
75°	189.4	166.4	162.5
77.5°	162.5	148.5	145.9
80°	125.4	108.7	111.3
82.5°	90.9	78.0	76.8
85°	65.3	56.3	56.3
87.5°	34.5	29.4	30.7
90°	0.0	0.0	0.0

(END OF REPORT)