

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: P180691

Luminaire Tested: **ICM-F04-LED-E1-SL3-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180691
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-F04-LED-E1-SL3-8030
Description: ICON SITE MEDIUM LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (28) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7871.3 lumens
Efficiency: N/A
Efficacy: 77.0 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.67' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B1 - U0 - G2

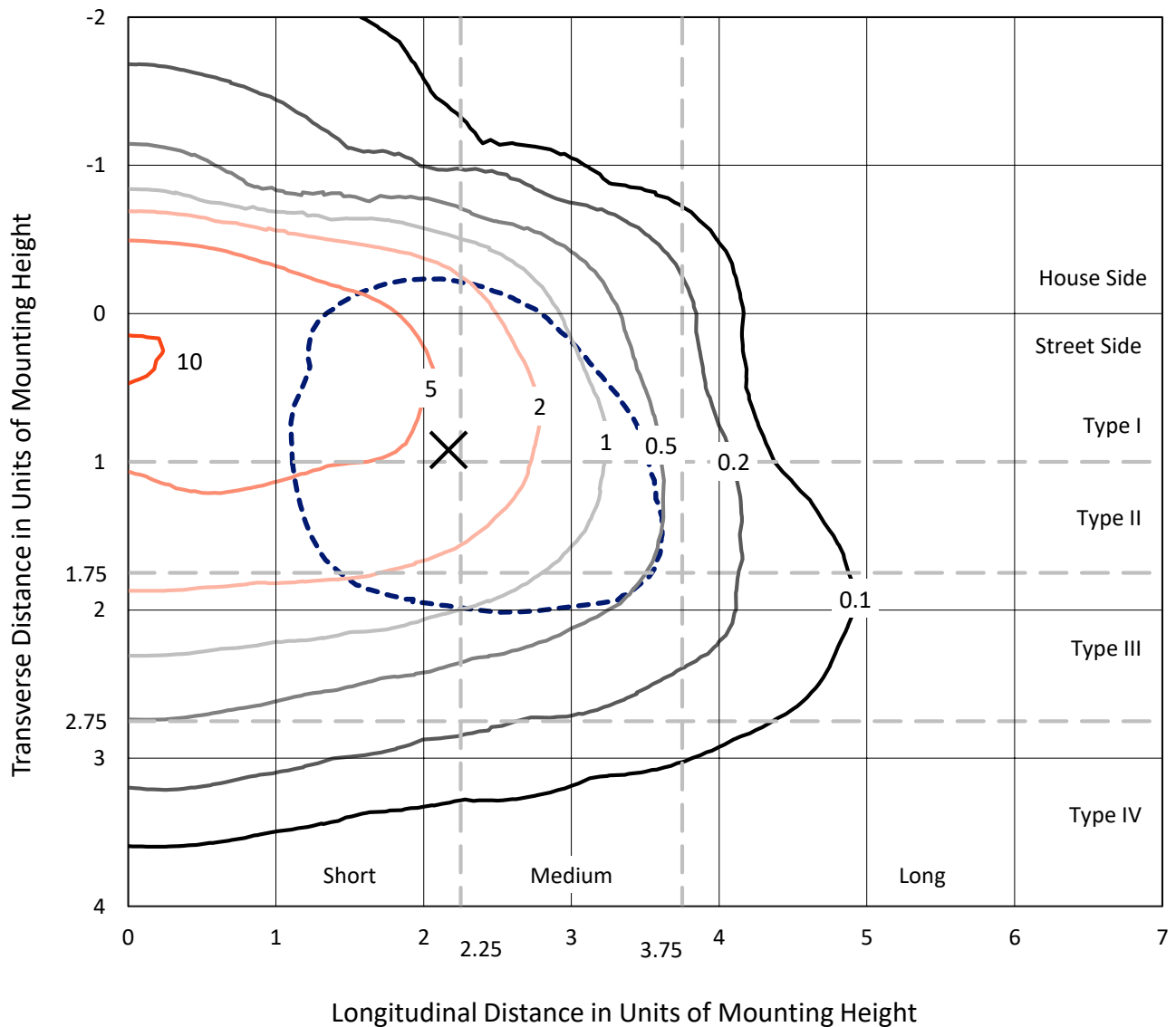
Input Watts (W): 102.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

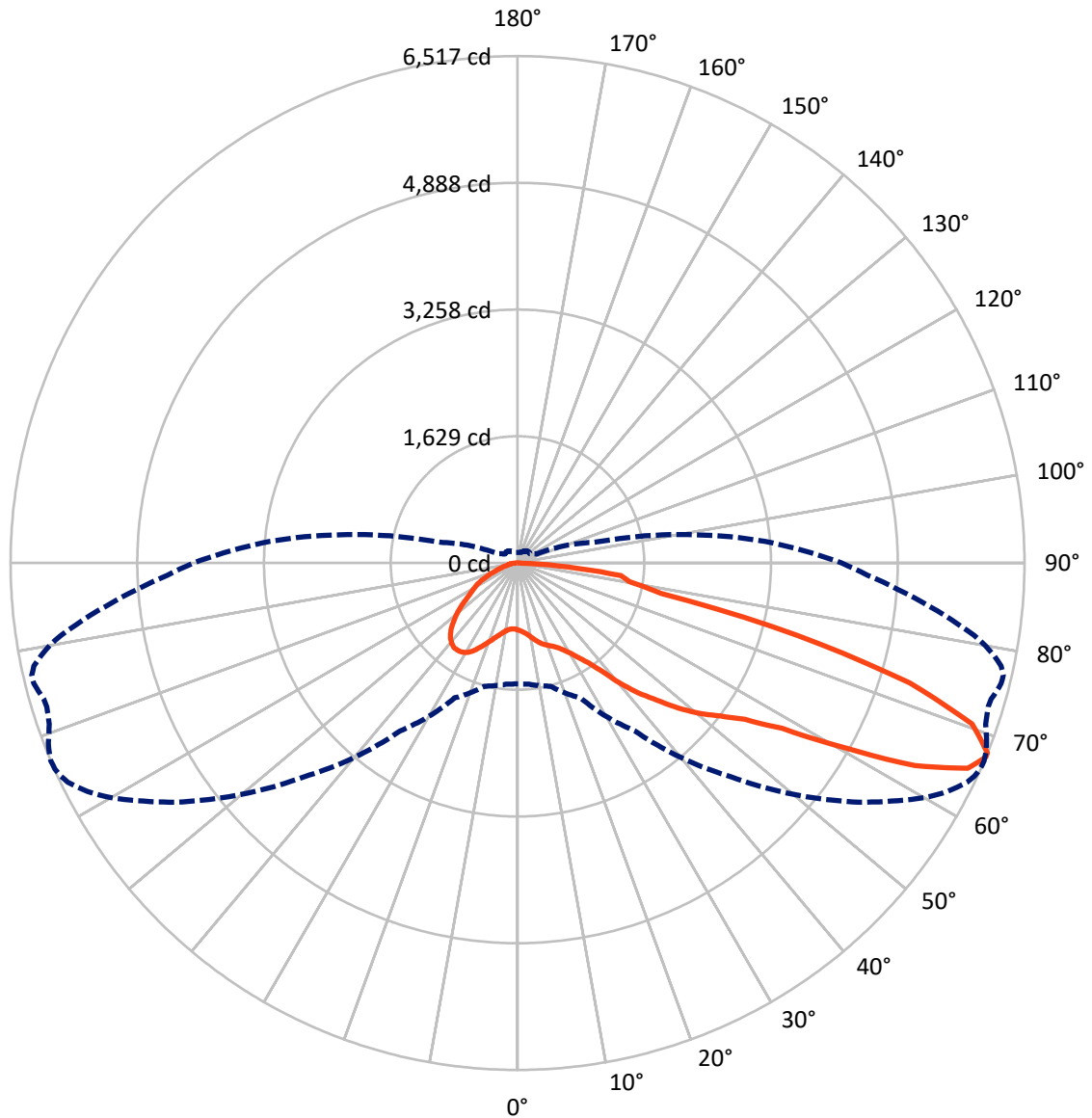
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11 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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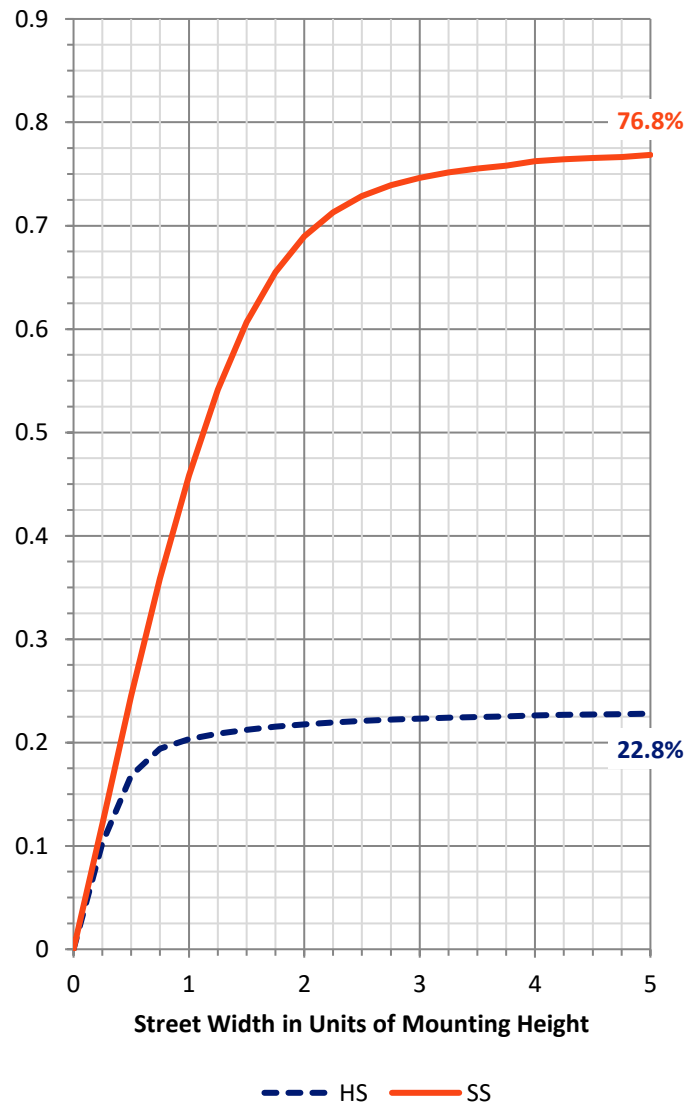
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1816.4	0.0	1816.4
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	6054.9	0.0	6054.9
	% Fixture	76.9	0.0	76.9
Total	Lumens	7871.3	0.0	7871.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.6	1.1
10°-20°	293.5	3.7
20°-30°	518.3	6.6
30°-40°	744.0	9.5
40°-50°	1129.9	14.4
50°-60°	1663.7	21.1
60°-70°	2211.0	28.1
70°-80°	1081.6	13.7
80°-90°	143.6	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°	7871.3	100.0
0°-180°	7871.3	100.0



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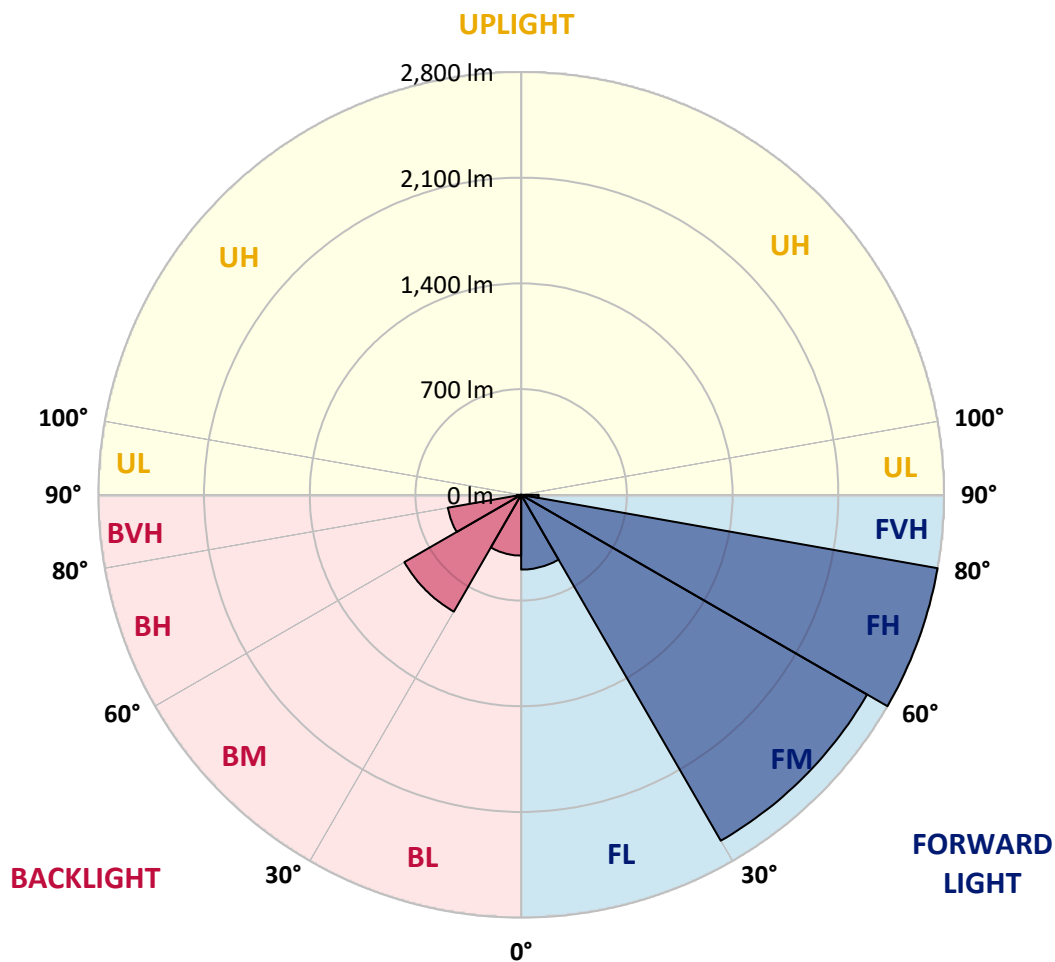
CATALOG NUMBER: ICM-F04-LED-E1-SL3-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	495.2	6.3			
FM	(30°-60°)	2644.6	33.6			
FH	(60°-80°)	2799.8	35.6			G2/5000
FVH	(80°-90°)	115.4	1.5			G2/225
BL	(0°-30°)	402.3	5.1	B1/500		
BM	(30°-60°)	893.0	11.3	B1/1000		
BH	(60°-80°)	492.8	6.3	B1/500		G1/500
BVH	(80°-90°)	28.3	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	859.8	859.8	859.8	859.8	859.8	859.8	859.8	859.8	859.8	859.8	859.8
2.5°	900.5	901.3	899.6	898.7	893.6	888.4	884.9	880.6	880.6	880.6	878.9
5°	951.4	948.0	950.6	944.6	934.1	924.7	915.2	907.4	905.7	905.7	902.2
7.5°	1012.8	1008.5	1006.8	998.1	982.6	968.8	949.7	942.0	937.6	935.9	934.1
10°	1087.2	1087.2	1075.9	1061.2	1040.5	1016.3	995.5	981.7	980.8	980.8	973.0
12.5°	1163.2	1164.9	1150.2	1135.5	1101.9	1069.9	1045.7	1030.1	1029.2	1025.8	1021.5
15°	1233.2	1228.8	1219.4	1197.8	1160.6	1122.5	1092.3	1076.8	1073.3	1069.9	1067.3
17.5°	1291.1	1286.8	1274.6	1247.0	1208.1	1163.2	1126.1	1109.6	1107.9	1106.1	1102.7
20°	1327.4	1323.9	1306.6	1274.6	1234.1	1188.2	1148.5	1137.2	1133.8	1133.8	1132.1
22.5°	1348.1	1342.9	1317.9	1275.5	1235.7	1202.1	1169.2	1162.3	1159.7	1160.6	1160.6
25°	1358.5	1354.1	1318.7	1258.2	1220.2	1210.7	1196.8	1192.6	1193.4	1194.3	1196.0
27.5°	1360.2	1354.1	1312.7	1235.7	1200.4	1227.2	1236.7	1243.5	1243.5	1247.0	1253.0
30°	1347.3	1340.3	1300.6	1218.5	1191.7	1260.0	1298.0	1316.1	1323.1	1321.3	1335.2
32.5°	1324.8	1320.5	1288.5	1218.5	1215.9	1324.8	1392.2	1418.1	1421.6	1423.3	1438.9
35°	1317.0	1316.1	1302.3	1260.0	1291.1	1438.9	1541.7	1561.6	1565.9	1565.9	1577.1
37.5°	1315.3	1319.6	1335.2	1337.8	1423.3	1608.2	1743.1	1773.3	1773.3	1782.0	1782.0
40°	1315.3	1324.8	1383.5	1453.5	1584.9	1828.6	2015.3	2049.8	2049.8	2059.4	2054.2
42.5°	1366.2	1380.1	1476.8	1610.0	1788.8	2055.8	2270.2	2309.0	2311.6	2309.0	2316.9
45°	1466.5	1478.6	1596.1	1787.1	1998.8	2299.5	2513.9	2560.6	2551.1	2557.1	2559.6
47.5°	1599.5	1618.6	1752.6	1980.7	2203.6	2525.1	2787.0	2829.3	2825.9	2828.5	2817.2
50°	1741.3	1761.2	1910.7	2172.6	2407.5	2706.6	3006.4	3069.5	3063.5	3067.8	3073.9
52.5°	1866.6	1878.7	2023.0	2316.9	2562.2	2875.9	3175.0	3253.6	3267.5	3269.1	3273.5
55°	1940.9	1955.6	2087.8	2388.6	2674.6	3041.9	3367.6	3486.9	3513.7	3520.7	3539.6
57.5°	1966.9	1982.4	2102.5	2399.0	2736.0	3197.4	3636.5	3846.4	3868.9	3906.1	3966.5
60°	1966.0	1982.4	2087.0	2375.6	2798.2	3390.2	4054.7	4406.4	4520.5	4558.5	4645.0
62.5°	1885.6	1904.7	2010.9	2304.8	2877.7	3636.5	4676.9	5217.9	5364.8	5433.9	5527.3
65°	1709.3	1723.2	1822.5	2125.0	2855.3	3879.3	5197.1	5872.0	6006.0	6107.1	6273.9
67°	1552.9	1561.6	1639.4	1912.4	2635.7	3887.9	5361.3	6034.5	6151.2	6258.4	6430.3
67.5°	1513.1	1531.4	1591.8	1847.6	2553.6	3838.6	5350.1	6009.4	6128.7	6240.2	6421.7
70°	1231.4	1257.4	1287.6	1459.5	2007.5	3229.4	4953.4	5575.7	5680.2	5783.9	6037.2
72.5°	759.6	806.2	812.3	921.2	1306.6	2232.2	4008.0	4702.0	4780.6	4854.9	5114.2
75°	447.6	454.5	476.2	564.3	766.5	1334.2	2689.3	3493.0	3565.6	3601.9	3805.0
77.5°	249.8	256.7	274.8	350.9	589.4	898.7	1565.9	2052.4	2096.5	2142.2	2109.4
80°	103.7	113.2	121.9	141.8	275.6	709.5	1076.8	1304.9	1333.4	1360.2	1393.9
82.5°	50.1	53.6	65.7	75.2	100.3	291.3	844.3	1131.2	1164.9	1203.8	1282.4
85°	23.3	26.0	36.3	43.2	48.4	73.5	282.6	550.5	597.1	605.8	621.3
87.5°	1.8	1.8	4.3	6.0	8.7	9.5	29.4	41.5	46.7	42.3	53.6
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	859.8	859.8	859.8	859.8	859.8	859.8	859.8	859.8	859.8	859.8	859.8
2.5°	878.0	877.1	875.4	875.4	874.5	874.5	874.5	872.8	872.8	872.8	871.9
5°	901.3	900.5	897.9	897.9	896.2	896.2	893.6	892.7	891.0	891.0	890.1
7.5°	931.5	930.7	927.3	927.3	924.7	923.8	922.1	919.4	919.4	917.8	916.0
10°	973.0	970.4	969.6	965.3	966.1	964.4	962.7	960.1	958.3	956.7	954.9
12.5°	1019.7	1019.7	1015.4	1012.8	1014.5	1012.8	1009.3	1008.5	1005.9	1005.9	1003.3
15°	1063.8	1063.8	1062.1	1058.6	1059.4	1056.8	1056.0	1054.3	1050.8	1051.7	1050.8
17.5°	1101.9	1101.9	1099.3	1097.5	1097.5	1094.9	1095.7	1094.1	1092.3	1091.4	1088.8
20°	1132.1	1132.1	1130.3	1128.6	1129.5	1129.5	1126.9	1126.9	1126.9	1125.1	1125.1
22.5°	1161.5	1162.3	1162.3	1162.3	1163.2	1164.0	1163.2	1164.9	1164.0	1165.8	1165.8
25°	1200.4	1202.9	1204.7	1204.7	1208.9	1209.9	1210.7	1213.3	1213.3	1215.9	1216.8
27.5°	1258.2	1260.0	1266.9	1268.6	1269.5	1276.4	1277.2	1280.7	1284.2	1285.0	1285.9
30°	1337.8	1342.1	1347.3	1350.7	1350.7	1359.4	1362.8	1361.0	1370.6	1373.2	1376.7
32.5°	1444.0	1447.5	1452.7	1456.1	1459.5	1463.9	1464.8	1469.1	1476.8	1483.8	1479.5
35°	1578.0	1586.6	1578.0	1587.5	1590.1	1596.1	1594.4	1599.5	1603.1	1605.6	1604.8
37.5°	1772.4	1768.1	1766.3	1762.9	1756.8	1777.6	1767.3	1766.3	1761.2	1775.9	1766.3
40°	2028.2	2030.8	2033.4	2019.5	2011.8	2011.8	2009.2	1999.7	1995.4	2008.4	2006.6
42.5°	2295.3	2297.9	2285.8	2277.1	2257.2	2254.6	2242.5	2239.9	2235.6	2242.5	2235.6
45°	2538.1	2539.8	2513.0	2517.3	2501.8	2504.4	2485.3	2493.1	2482.8	2489.7	2502.6
47.5°	2809.4	2812.9	2789.5	2799.1	2783.5	2774.0	2773.1	2778.3	2767.1	2774.0	2777.4
50°	3055.7	3051.4	3039.3	3041.9	3035.0	3036.7	3026.3	3035.8	3022.9	3036.7	3035.0
52.5°	3274.3	3269.1	3266.5	3275.2	3269.1	3269.1	3263.1	3267.5	3269.1	3289.9	3294.3
55°	3539.6	3543.9	3548.3	3563.8	3570.7	3559.6	3570.7	3592.4	3593.2	3642.5	3669.3
57.5°	3965.7	3995.9	4011.5	4021.0	4061.6	4057.3	4083.2	4135.1	4140.2	4254.4	4320.9
60°	4708.9	4762.4	4813.4	4785.8	4867.8	4893.0	4908.5	5005.3	5035.6	5143.6	5201.4
62.5°	5647.4	5653.4	5733.0	5707.8	5754.5	5743.3	5762.3	5806.4	5846.2	5935.1	5989.6
65°	6302.5	6330.9	6362.1	6330.1	6329.2	6291.2	6267.0	6266.1	6290.4	6309.3	6369.8
67°	6480.4	6509.0	6516.7	6493.4	6459.7	6411.3	6366.4	6343.0	6327.5	6336.1	6374.2
67.5°	6478.7	6505.5	6515.0	6492.5	6445.9	6405.2	6357.7	6330.9	6310.2	6314.6	6346.5
70°	6110.5	6168.5	6199.6	6206.5	6200.4	6129.6	6089.0	6064.8	6047.5	6005.2	6002.5
72.5°	5177.2	5247.3	5271.5	5310.4	5327.7	5223.1	5179.0	5205.8	5145.3	5011.4	5017.4
75°	3801.5	3806.7	3725.4	3709.9	3652.0	3415.2	3344.4	3279.6	3175.8	3014.3	2862.2
77.5°	1981.6	1980.7	1887.4	1839.8	1770.7	1628.1	1621.2	1505.4	1424.2	1276.4	1222.8
80°	1407.7	1430.2	1461.3	1476.8	1452.7	1397.4	1321.3	1239.3	1145.0	1052.6	942.0
82.5°	1309.2	1323.1	1339.5	1279.0	1245.3	1167.5	1109.6	990.3	923.8	818.3	706.9
85°	636.9	679.3	646.4	608.4	595.4	465.8	450.2	375.9	341.3	280.8	261.9
87.5°	40.7	50.1	44.9	40.7	35.4	19.9	26.8	19.0	19.9	14.7	12.9
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	859.8	859.8	859.8	859.8	859.8	859.8	859.8	859.8	859.8	859.8	859.8
2.5°	871.9	871.1	870.2	869.4	868.5	868.5	867.6	866.8	865.9	864.2	864.2
5°	888.4	888.4	887.5	885.8	885.8	884.0	881.5	880.6	880.6	878.9	877.1
7.5°	915.2	914.3	912.6	911.7	910.0	908.3	906.5	904.7	903.9	901.3	900.5
10°	955.8	954.1	949.7	948.0	947.2	945.4	943.6	942.0	939.4	937.6	936.7
12.5°	1001.6	1000.8	997.2	999.0	994.7	992.9	991.2	986.9	988.7	985.1	983.4
15°	1047.4	1048.3	1046.5	1046.5	1043.1	1040.5	1038.7	1035.3	1034.4	1032.7	1031.0
17.5°	1088.0	1089.7	1087.2	1085.4	1083.6	1082.0	1078.5	1075.1	1075.1	1071.5	1069.9
20°	1125.1	1126.9	1126.1	1124.3	1121.7	1120.8	1119.1	1116.5	1116.5	1114.8	1112.2
22.5°	1167.5	1168.4	1168.4	1167.5	1164.9	1165.8	1164.0	1161.5	1162.3	1158.9	1158.9
25°	1218.5	1220.2	1222.0	1222.8	1221.0	1222.0	1220.2	1218.5	1217.6	1218.5	1217.6
27.5°	1288.5	1290.2	1295.4	1291.1	1295.4	1296.3	1293.7	1290.2	1292.8	1297.1	1294.5
30°	1380.9	1379.3	1386.1	1387.0	1386.1	1387.0	1385.3	1382.7	1384.4	1392.2	1387.8
32.5°	1484.7	1488.1	1489.9	1491.5	1494.1	1497.6	1495.0	1492.4	1496.8	1494.1	1500.2
35°	1610.0	1617.8	1620.3	1617.8	1619.5	1625.5	1624.7	1625.5	1634.1	1625.5	1636.8
37.5°	1768.1	1775.9	1782.0	1778.4	1782.8	1782.8	1789.7	1808.8	1796.7	1812.2	1824.3
40°	1998.0	2010.1	2010.9	2010.1	2014.4	2019.5	2026.5	2047.3	2033.4	2049.8	2061.0
42.5°	2234.7	2249.4	2254.6	2246.0	2255.5	2266.7	2267.5	2285.8	2286.6	2289.2	2295.3
45°	2501.8	2514.7	2525.1	2520.8	2521.7	2536.4	2532.9	2550.2	2537.2	2537.2	2540.7
47.5°	2786.1	2798.2	2805.1	2812.0	2803.4	2816.3	2822.4	2818.9	2803.4	2799.9	2779.2
50°	3045.3	3055.7	3066.1	3085.1	3084.2	3090.3	3094.6	3079.1	3075.6	3056.6	3033.2
52.5°	3320.1	3346.9	3370.3	3410.1	3416.1	3436.9	3429.0	3403.1	3398.8	3367.6	3336.6
55°	3703.0	3779.9	3813.6	3874.9	3916.4	3915.6	3898.3	3894.0	3861.1	3798.9	3761.8
57.5°	4369.2	4489.4	4547.3	4626.8	4639.7	4631.9	4609.5	4569.8	4512.7	4408.1	4340.8
60°	5331.1	5405.4	5472.8	5491.8	5501.3	5486.6	5408.0	5319.8	5208.4	5064.0	4943.9
62.5°	6057.9	6133.9	6184.0	6176.2	6116.6	6041.4	5926.5	5778.7	5622.3	5460.7	5281.0
65°	6427.8	6459.7	6451.9	6391.4	6289.4	6158.1	5990.5	5808.1	5624.0	5433.1	5246.4
67°	6407.9	6408.7	6356.0	6238.5	6107.9	5942.9	5738.1	5539.4	5323.3	5122.8	4900.7
67.5°	6372.4	6369.0	6295.5	6166.7	6025.9	5855.7	5643.0	5437.3	5213.5	5011.4	4781.5
70°	5971.5	5923.0	5757.2	5551.5	5355.3	5125.4	4902.4	4666.5	4414.2	4240.5	3976.0
72.5°	4906.8	4743.5	4457.4	4242.3	4032.2	3731.5	3592.4	3299.4	3122.3	3011.6	2812.0
75°	2841.4	2704.9	2483.6	2282.2	2180.3	2002.2	1917.6	1702.4	1657.5	1655.7	1586.6
77.5°	1084.6	946.2	803.7	647.3	550.5	437.3	385.4	344.8	313.7	335.3	304.2
80°	813.2	668.8	522.8	380.3	271.4	200.5	172.0	159.0	151.3	145.2	140.8
82.5°	605.8	477.9	370.7	242.0	169.4	127.9	110.6	103.7	100.3	94.2	89.0
85°	204.8	164.2	129.6	89.9	70.9	57.9	53.6	51.8	49.3	44.9	42.3
87.5°	11.3	10.3	11.3	8.7	10.3	8.7	9.5	9.5	9.5	8.7	8.7
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°	859.8	859.8	859.8	859.8	859.8	859.8	859.8	859.8	859.8	859.8	859.8
2.5°	863.4	863.4	863.4	861.6	859.0	853.8	848.7	844.3	840.0	837.4	835.6
5°	876.3	874.5	873.7	872.8	866.8	856.4	846.9	838.2	829.6	822.7	820.1
7.5°	899.6	896.2	895.3	892.7	884.9	869.4	855.5	841.7	829.6	820.1	815.8
10°	935.1	935.1	929.9	926.4	917.8	897.0	877.1	859.0	842.6	832.2	829.6
12.5°	980.0	980.0	975.6	973.0	962.7	935.9	911.7	890.1	874.5	864.2	863.4
15°	1026.6	1025.8	1022.3	1018.9	1007.6	979.1	954.9	935.9	923.0	910.8	907.4
17.5°	1068.1	1068.1	1063.8	1060.4	1049.1	1024.9	1003.3	989.5	974.8	949.7	930.7
20°	1109.6	1110.4	1107.0	1103.5	1094.1	1073.3	1063.8	1050.0	1017.1	962.7	917.8
22.5°	1155.4	1158.9	1154.5	1151.1	1143.3	1134.7	1131.2	1098.3	1029.2	942.0	876.3
25°	1214.1	1220.2	1215.0	1213.3	1208.9	1211.5	1201.2	1125.1	1011.9	897.0	814.9
27.5°	1294.5	1294.5	1295.4	1295.4	1293.7	1303.2	1265.1	1126.1	974.0	839.1	741.5
30°	1388.8	1393.9	1392.2	1392.2	1399.1	1405.1	1300.6	1107.0	925.5	767.4	651.6
32.5°	1502.0	1506.2	1508.0	1500.2	1527.8	1496.8	1313.6	1072.5	865.9	678.3	544.5
35°	1638.4	1644.6	1648.8	1649.7	1667.8	1576.3	1306.6	1021.5	780.4	566.9	426.9
37.5°	1816.5	1828.6	1838.1	1842.4	1843.3	1643.6	1287.6	954.1	668.8	442.4	318.0
40°	2053.3	2066.2	2063.6	2072.3	2023.0	1683.5	1244.4	856.4	530.6	324.9	245.4
42.5°	2281.4	2283.2	2286.6	2278.8	2178.6	1704.2	1183.9	737.1	397.5	242.8	210.0
45°	2536.4	2521.7	2505.2	2493.1	2322.1	1711.9	1100.9	592.0	280.8	203.9	194.4
47.5°	2775.7	2755.8	2722.2	2687.6	2450.0	1699.8	994.7	443.4	213.5	186.7	184.1
50°	3010.8	2973.6	2926.1	2886.3	2572.7	1681.7	877.1	319.7	186.7	178.0	175.4
52.5°	3302.0	3239.7	3177.6	3125.7	2732.5	1653.1	753.6	242.8	175.4	171.1	167.6
55°	3701.2	3614.8	3514.6	3442.0	2949.4	1610.0	623.9	205.7	170.2	166.8	161.6
57.5°	4254.4	4124.7	4011.5	3893.1	3245.9	1565.9	512.5	191.0	169.4	164.2	157.3
60°	4819.5	4663.9	4519.7	4350.3	3548.3	1521.8	434.7	189.2	172.0	164.2	153.9
62.5°	5113.3	4952.6	4778.9	4606.9	3678.8	1418.1	381.1	191.8	178.0	166.8	153.9
65°	5045.9	4849.7	4673.4	4498.0	3527.6	1222.0	322.3	195.3	190.1	177.1	156.4
67°	4707.2	4502.4	4333.0	4165.3	3190.5	1023.2	276.6	198.8	203.1	189.2	161.6
67.5°	4587.9	4383.1	4216.3	4053.0	3091.2	981.7	265.3	200.5	205.7	192.7	163.3
70°	3804.1	3653.7	3476.6	3350.4	2502.6	726.8	217.8	203.9	221.2	212.6	171.1
72.5°	2737.7	2594.2	2461.1	2391.2	1843.3	508.1	183.2	200.5	230.7	223.8	174.6
75°	1455.3	1446.6	1398.2	1432.8	1140.8	331.8	161.6	187.5	220.4	204.8	162.4
77.5°	293.9	302.4	355.2	350.0	368.1	184.9	138.2	160.7	170.2	150.3	132.2
80°	136.6	134.0	131.3	133.1	130.5	118.4	112.4	126.1	118.4	96.7	88.2
82.5°	84.7	83.0	80.4	79.5	88.2	94.2	98.5	99.3	78.6	67.4	64.8
85°	40.7	40.7	39.7	41.5	51.8	76.9	83.0	73.5	52.7	48.4	45.8
87.5°	7.8	7.8	8.7	7.8	10.3	18.1	20.7	24.2	19.9	20.7	23.3
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°	859.8	859.8	859.8
2.5°	834.0	832.2	832.2
5°	816.7	815.8	815.8
7.5°	812.3	813.2	812.3
10°	828.7	827.9	831.4
12.5°	865.0	867.6	866.8
15°	903.1	904.7	904.7
17.5°	914.3	908.3	907.4
20°	884.9	873.7	871.1
22.5°	829.6	808.8	809.8
25°	759.6	734.5	736.3
27.5°	678.3	651.6	650.7
30°	580.7	551.4	536.7
32.5°	463.2	427.7	427.7
35°	348.3	319.7	309.4
37.5°	264.5	248.0	242.8
40°	220.4	212.6	210.9
42.5°	200.5	197.9	197.0
45°	190.1	188.4	187.5
47.5°	180.7	179.7	178.9
50°	173.7	172.8	172.0
52.5°	167.6	166.0	165.0
55°	159.0	159.0	159.0
57.5°	153.9	153.9	152.9
60°	148.7	147.8	147.8
62.5°	144.3	142.6	143.4
65°	141.8	139.2	139.2
67°	140.0	134.8	134.8
67.5°	140.0	133.1	133.1
70°	137.4	126.1	124.5
72.5°	134.8	118.4	115.8
75°	127.9	112.4	109.8
77.5°	109.8	100.3	98.5
80°	84.7	73.5	75.2
82.5°	61.4	52.7	51.8
85°	44.1	38.0	38.0
87.5°	23.3	19.9	20.7
90°	0.0	0.0	0.0

(END OF REPORT)