

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: P181254

Luminaire Tested: **ICM-E04-LED-E1-T2-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181254
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33671)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICM-E04-LED-E1-T2-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2
Light Source: (84) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10412.6 lumens
Efficiency: N/A
Efficacy: 107.1 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.67' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Semi-Cutoff
BUG Rating: B3 - U0 - G3

Input Watts (W): 97.2
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

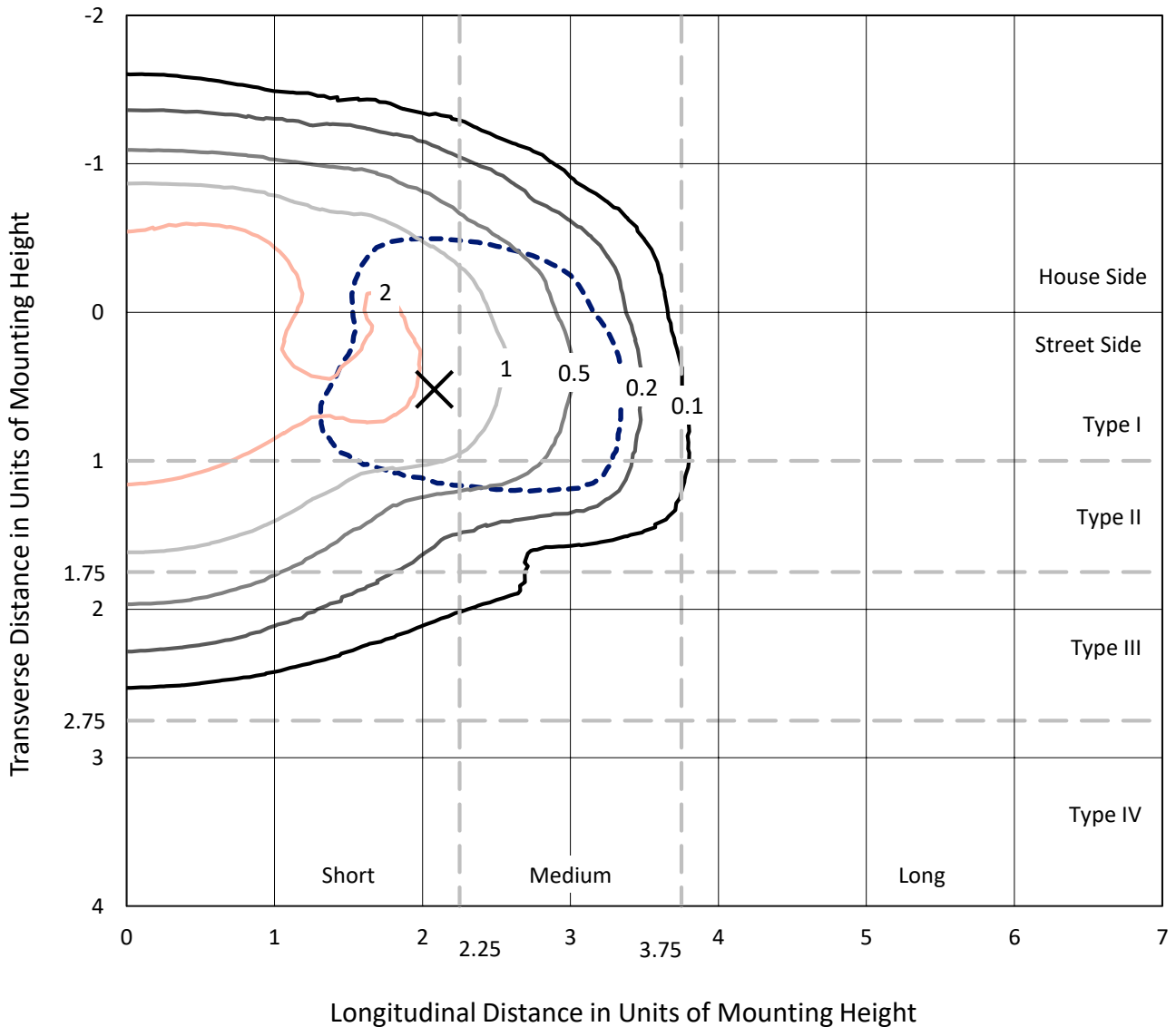


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

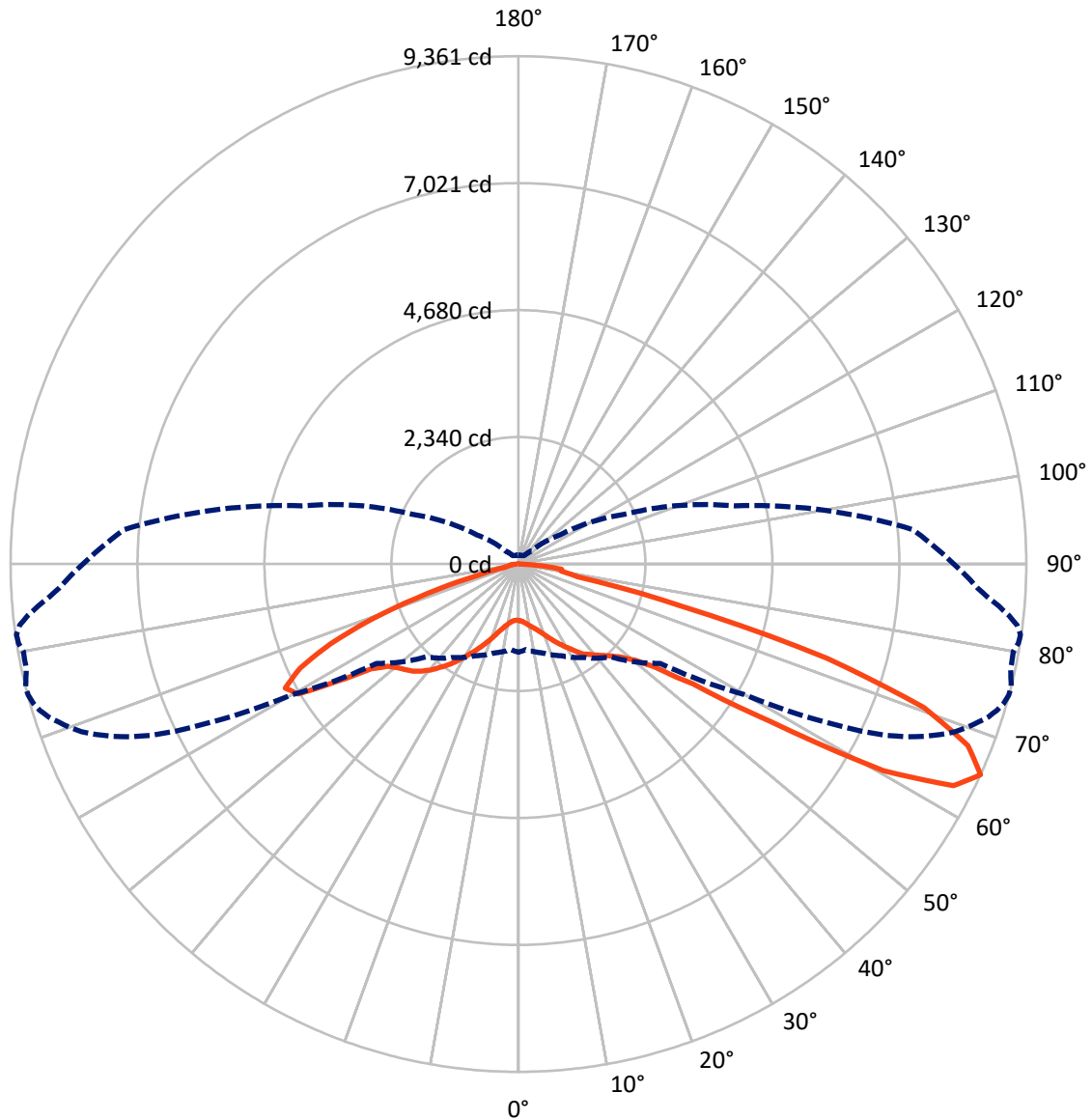


Based on 20 foot mounting height. Maximum calculated value = 3.2 fc
 Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 76-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3646.2	0.0	3646.2
	% Fixture	35.0	0.0	35.0
Street Side	Lumens	6766.4	0.0	6766.4
	% Fixture	65.0	0.0	65.0
Total	Lumens	10412.6	0.0	10412.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.2	1.0
10°-20°	358.1	3.4
20°-30°	703.5	6.8
30°-40°	1168.9	11.2
40°-50°	1717.6	16.5
50°-60°	2378.0	22.8
60°-70°	2838.3	27.3
70°-80°	1003.8	9.6
80°-90°	140.3	1.3
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°	10412.6	100.0
0°-180°	10412.6	100.0



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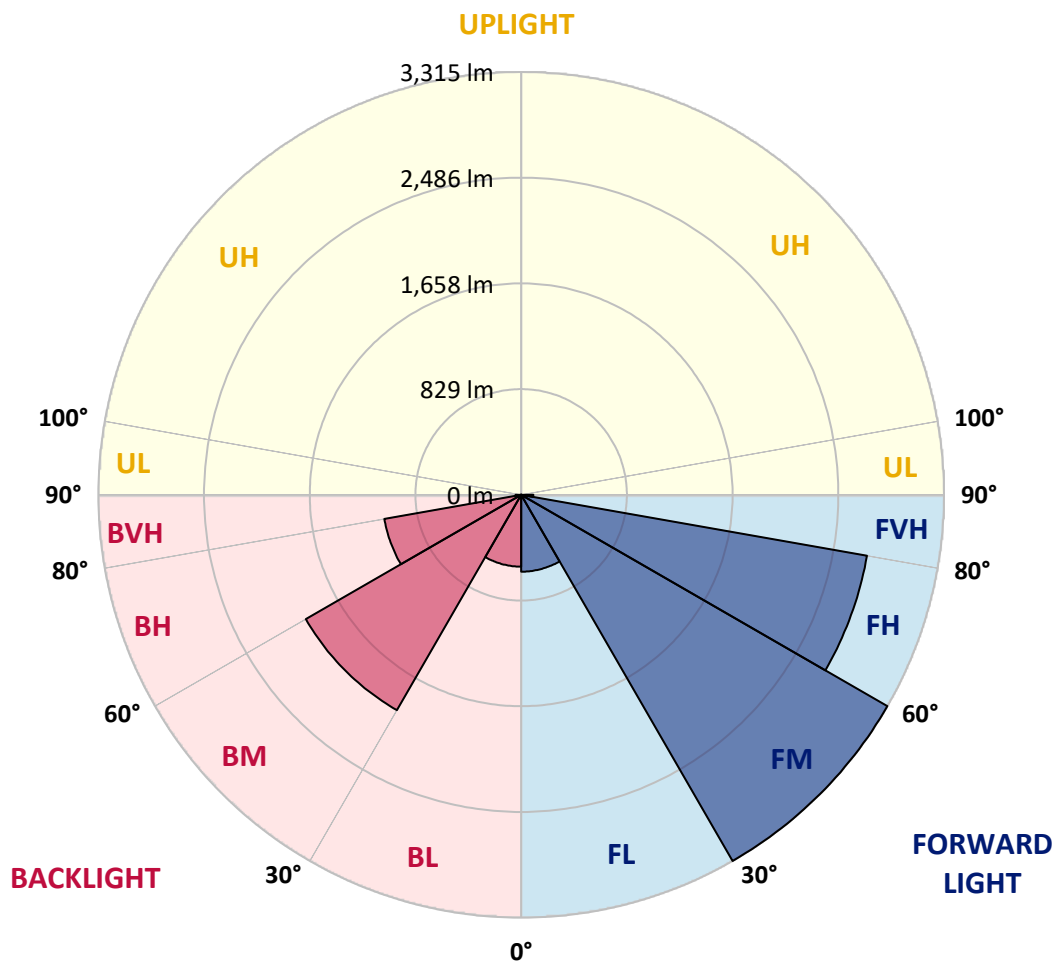
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	602.5	5.8			
FM (30°-60°)	3315.1	31.8			
FH (60°-80°)	2753.0	26.4			G2/5000
FVH (80°-90°)	95.9	0.9			G1/100
BL (0°-30°)	563.3	5.4	B2/1000		
BM (30°-60°)	1949.4	18.7	B2/2500		
BH (60°-80°)	1089.1	10.5	B3/2500		G3/2500
BVH (80°-90°)	44.4	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1
2.5°	1086.4	1087.5	1085.3	1084.1	1080.8	1075.1	1070.5	1066.1	1066.1	1066.1	1062.6
5°	1134.0	1136.3	1131.7	1128.3	1118.1	1112.5	1104.6	1098.9	1096.6	1095.4	1092.1
7.5°	1194.1	1190.6	1183.8	1181.6	1173.6	1161.1	1146.4	1135.1	1135.1	1134.0	1135.1
10°	1254.1	1245.0	1241.6	1238.2	1225.8	1209.9	1192.8	1180.4	1179.3	1178.1	1174.8
12.5°	1314.1	1310.7	1307.3	1294.8	1282.4	1257.5	1238.2	1225.8	1224.6	1225.8	1221.2
15°	1393.4	1385.5	1382.1	1360.6	1333.4	1306.1	1282.4	1271.1	1267.6	1268.8	1265.4
17.5°	1454.6	1454.6	1446.6	1422.9	1387.7	1350.3	1325.4	1318.6	1317.5	1317.5	1318.6
20°	1503.3	1502.1	1494.2	1475.0	1433.0	1395.6	1383.2	1380.9	1379.8	1379.8	1383.2
22.5°	1530.4	1528.2	1524.8	1503.3	1470.4	1445.5	1446.6	1453.4	1455.7	1458.0	1462.5
25°	1544.1	1540.7	1539.5	1524.8	1501.0	1497.6	1518.1	1536.1	1540.7	1545.2	1550.9
27.5°	1566.7	1561.0	1563.4	1557.7	1552.0	1562.1	1604.1	1623.4	1626.8	1632.5	1635.8
30°	1629.0	1626.8	1635.8	1638.1	1642.6	1657.3	1695.8	1714.0	1722.0	1722.0	1737.8
32.5°	1748.0	1749.1	1751.4	1775.2	1783.1	1793.3	1813.7	1828.4	1829.5	1830.7	1845.4
35°	1907.7	1914.5	1933.8	1954.2	1973.4	1972.3	1959.8	1967.7	1962.1	1968.8	1970.1
37.5°	2109.3	2100.3	2128.6	2175.1	2204.5	2196.6	2141.0	2104.9	2115.0	2110.5	2107.1
40°	2264.6	2274.7	2329.1	2390.3	2412.9	2437.9	2365.4	2303.1	2294.0	2277.0	2266.8
42.5°	2478.6	2479.8	2524.0	2569.3	2635.0	2689.4	2642.9	2553.4	2526.2	2505.9	2461.7
45°	2676.9	2673.5	2709.8	2765.3	2843.5	2921.6	2938.6	2841.1	2831.0	2794.7	2736.9
47.5°	2809.4	2804.9	2829.9	2902.3	3029.2	3157.2	3227.5	3198.1	3178.7	3164.0	3073.4
50°	2899.0	2889.9	2918.3	2995.3	3136.9	3334.0	3517.5	3542.4	3534.4	3534.4	3476.7
52.5°	2965.8	2965.8	2986.2	3048.5	3192.4	3438.2	3766.7	3892.5	3902.6	3914.0	3910.5
55°	2928.4	2934.1	2985.0	3075.6	3227.5	3510.7	3972.9	4248.2	4304.8	4352.4	4406.7
57.5°	2800.4	2819.6	2887.6	3036.0	3236.6	3565.0	4201.7	4746.6	4906.4	5044.6	5259.8
60°	2613.5	2638.4	2736.9	2926.2	3169.7	3476.7	4282.2	5168.0	5421.8	5723.1	6285.1
62.5°	2292.9	2317.8	2414.1	2603.3	2811.7	3138.0	3949.1	5230.4	5635.9	6063.0	6912.6
65°	1624.5	1584.8	1695.8	1865.8	2104.9	2420.9	3191.2	4812.3	5395.8	5974.6	7023.7
67.5°	905.1	901.8	969.7	1096.6	1325.4	1665.3	2198.9	3690.8	4227.7	4883.7	6171.8
70°	624.2	631.0	674.1	811.1	1000.3	1293.7	1566.7	2317.8	2704.1	3149.3	4415.8
72.5°	438.4	453.1	476.9	558.5	752.2	1089.8	1600.8	1385.5	1578.1	1881.7	2655.4
75°	257.1	267.4	284.4	324.0	428.2	728.4	1657.3	1217.8	1217.8	1289.2	1606.3
77.5°	158.6	158.6	168.8	184.7	227.7	356.8	1180.4	1368.5	1330.0	1289.2	1292.6
80°	81.6	87.3	102.0	109.9	126.9	163.2	530.1	1276.8	1400.2	1482.9	1425.1
82.5°	37.4	42.0	62.3	66.9	73.7	86.1	182.4	726.1	973.1	1281.2	1600.8
85°	19.3	19.3	32.8	40.7	44.2	39.6	66.9	293.4	444.1	677.4	1060.4
87.5°	3.4	3.4	5.7	6.8	10.2	9.0	11.3	17.0	28.3	30.6	31.7
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1
2.5°	1061.5	1062.6	1061.5	1060.4	1058.1	1058.1	1058.1	1056.9	1056.9	1056.9	1055.8
5°	1092.1	1087.5	1088.7	1086.4	1085.3	1084.1	1085.3	1083.0	1080.8	1081.9	1080.8
7.5°	1130.6	1128.3	1123.8	1123.8	1122.6	1120.4	1120.4	1117.0	1115.8	1113.6	1112.5
10°	1173.6	1168.0	1170.2	1168.0	1169.1	1164.6	1162.3	1160.0	1157.8	1157.8	1158.9
12.5°	1217.8	1216.7	1213.3	1211.0	1211.0	1207.6	1208.8	1207.6	1204.2	1203.1	1199.7
15°	1263.1	1263.1	1259.7	1260.8	1259.7	1257.5	1255.2	1255.2	1252.9	1250.7	1251.8
17.5°	1316.4	1316.4	1316.4	1316.4	1317.5	1314.1	1315.3	1312.9	1310.7	1315.3	1315.3
20°	1385.5	1390.0	1390.0	1388.8	1394.5	1391.2	1390.0	1395.6	1390.0	1398.0	1396.8
22.5°	1464.8	1469.3	1469.3	1473.9	1475.0	1478.3	1480.7	1478.3	1482.9	1487.5	1487.5
25°	1553.1	1557.7	1561.0	1567.8	1571.3	1569.0	1570.1	1575.8	1578.1	1582.6	1587.1
27.5°	1646.1	1647.2	1651.7	1659.6	1665.3	1667.5	1668.7	1677.8	1678.9	1681.1	1685.7
30°	1736.7	1748.0	1745.7	1755.9	1759.3	1762.7	1769.5	1772.9	1780.8	1785.4	1785.4
32.5°	1843.2	1840.8	1850.0	1857.9	1863.5	1869.2	1874.9	1879.4	1883.9	1886.2	1897.5
35°	1975.6	1980.2	1980.2	1981.3	1994.9	1996.1	2000.6	2010.8	2014.2	2021.0	2025.5
37.5°	2107.1	2099.2	2098.1	2098.1	2093.5	2096.9	2098.1	2099.2	2103.7	2104.9	2109.3
40°	2254.3	2244.2	2235.1	2229.4	2220.4	2207.9	2205.7	2200.0	2203.4	2202.2	2203.4
42.5°	2456.0	2427.6	2406.2	2390.3	2372.2	2358.6	2348.4	2333.7	2323.5	2311.0	2308.8
45°	2713.1	2659.9	2623.6	2597.6	2571.6	2534.2	2512.7	2490.0	2469.6	2449.2	2432.2
47.5°	3050.7	2994.1	2936.3	2888.8	2848.0	2787.9	2726.7	2692.8	2653.1	2618.0	2593.0
50°	3448.4	3380.4	3353.2	3286.3	3235.4	3144.8	3068.9	3013.3	2934.1	2880.9	2834.3
52.5°	3855.1	3838.1	3823.4	3766.7	3706.6	3654.5	3587.7	3490.3	3409.9	3348.7	3253.5
55°	4409.1	4417.0	4411.3	4380.7	4359.2	4309.3	4282.2	4197.2	4161.0	4072.6	3972.9
57.5°	5341.3	5404.8	5485.2	5517.0	5560.0	5519.2	5566.8	5624.6	5480.7	5530.5	5441.1
60°	6531.9	6823.1	6996.4	7209.4	7348.8	7543.6	7578.7	7629.7	7615.0	7643.3	7701.1
62.5°	7259.3	7604.8	7936.7	8178.0	8436.3	8579.0	8751.2	8871.3	8996.0	9079.8	9056.0
65°	7473.3	7829.1	8130.5	8394.4	8625.4	8800.0	8959.7	9110.4	9224.7	9305.2	9352.8
67.5°	6687.2	7151.7	7468.9	7778.1	8076.0	8259.6	8393.3	8539.4	8707.0	8846.4	8873.5
70°	5032.1	5728.8	6178.5	6549.0	6899.0	7146.0	7332.9	7468.9	7599.1	7698.8	7807.6
72.5°	3147.0	3756.5	4270.8	4751.2	5122.7	5462.5	5620.0	5921.3	5881.7	5957.6	6039.2
75°	1886.2	2183.0	2466.2	2804.9	2999.7	3283.0	3334.0	3383.8	3357.8	3272.8	3336.2
77.5°	1310.7	1359.5	1357.1	1337.9	1317.5	1267.6	1203.1	1168.0	1144.2	1110.1	1123.8
80°	1318.6	1213.3	1052.4	884.7	730.7	628.7	587.9	587.9	629.9	689.9	750.0
82.5°	1575.8	1463.6	1305.0	1092.1	865.5	704.7	597.0	554.0	561.9	623.1	700.1
85°	1062.6	1087.5	953.9	872.3	691.1	538.1	450.9	365.9	324.0	334.2	378.3
87.5°	38.5	46.4	17.0	22.7	15.8	13.6	13.6	14.7	10.2	12.5	11.3
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1
2.5°	1054.7	1053.6	1053.6	1051.3	1051.3	1050.1	1050.1	1049.0	1047.9	1047.9	1046.7
5°	1079.6	1078.4	1076.2	1075.1	1072.8	1072.8	1071.6	1069.4	1069.4	1067.2	1066.1
7.5°	1114.7	1112.5	1110.1	1109.0	1107.9	1104.6	1104.6	1102.2	1102.2	1100.0	1098.9
10°	1156.7	1154.3	1152.1	1153.2	1149.9	1148.7	1146.4	1146.4	1143.1	1141.9	1141.9
12.5°	1202.0	1200.8	1200.8	1197.4	1196.3	1195.2	1190.6	1190.6	1190.6	1188.4	1189.5
15°	1250.7	1251.8	1248.4	1251.8	1250.7	1247.3	1247.3	1247.3	1242.7	1248.4	1243.8
17.5°	1316.4	1319.7	1317.5	1318.6	1316.4	1316.4	1317.5	1316.4	1318.6	1318.6	1325.4
20°	1398.0	1399.1	1404.8	1402.4	1402.4	1401.3	1403.6	1404.8	1409.2	1407.0	1411.5
22.5°	1487.5	1493.1	1494.2	1498.8	1498.8	1497.6	1499.9	1504.4	1506.7	1510.1	1508.9
25°	1589.4	1592.8	1597.3	1591.6	1600.8	1600.8	1603.0	1608.7	1609.8	1609.8	1617.7
27.5°	1684.6	1693.6	1694.7	1700.4	1697.0	1699.3	1707.2	1710.6	1715.1	1715.1	1717.4
30°	1792.2	1795.5	1797.8	1804.7	1803.5	1804.7	1805.8	1811.5	1811.5	1817.1	1822.7
32.5°	1903.2	1905.4	1907.7	1914.5	1916.8	1921.3	1919.1	1923.5	1929.2	1930.3	1933.8
35°	2035.7	2038.0	2040.3	2050.4	2051.5	2059.5	2061.8	2059.5	2068.6	2062.9	2068.6
37.5°	2112.8	2123.0	2125.2	2132.0	2129.8	2135.5	2138.8	2143.4	2145.6	2150.2	2159.2
40°	2206.8	2210.2	2216.9	2220.4	2224.9	2226.1	2230.5	2234.0	2237.4	2247.5	2257.8
42.5°	2303.1	2307.6	2311.0	2315.5	2321.2	2325.7	2329.1	2339.4	2341.6	2348.4	2367.6
45°	2419.7	2417.5	2418.6	2419.7	2422.1	2427.6	2437.9	2448.1	2454.9	2470.7	2486.6
47.5°	2564.8	2550.1	2544.4	2535.3	2537.6	2550.1	2552.3	2569.3	2582.9	2597.6	2616.9
50°	2784.6	2744.9	2721.1	2697.3	2695.0	2701.9	2710.9	2729.0	2744.9	2764.1	2791.4
52.5°	3153.9	3078.0	3030.3	2964.7	2946.5	2943.1	2936.3	2946.5	2951.1	2977.1	3028.1
55°	3901.5	3761.0	3670.4	3568.5	3473.3	3445.0	3390.6	3402.0	3390.6	3406.4	3482.3
57.5°	5462.5	5350.5	5262.1	5131.8	4968.7	4795.3	4752.3	4574.4	4609.5	4711.5	4645.8
60°	7729.4	7688.6	7625.2	7562.8	7339.7	7214.0	7008.9	6986.3	6842.4	6843.5	6749.5
62.5°	8998.2	9050.3	9011.8	8993.6	8981.2	8941.5	8839.6	8717.3	8533.7	8401.2	8206.3
65°	9360.7	9316.5	9274.6	9268.9	9265.5	9330.1	9344.8	9258.8	9092.2	8886.0	8661.7
67.5°	8938.1	8913.3	8915.5	8867.9	8897.4	9009.5	9087.7	9063.9	8910.9	8661.7	8376.2
70°	7932.1	7883.5	7933.4	7995.6	8039.8	8104.3	8182.6	8201.8	8062.5	7806.5	7515.3
72.5°	5939.5	5947.5	5995.0	6012.0	6189.9	6171.8	6242.0	6013.2	5912.3	5668.8	5519.2
75°	3125.5	3074.5	3207.1	2926.2	2810.6	2891.0	2665.6	2449.2	2494.5	2531.9	2262.2
77.5°	1104.6	1033.1	911.9	863.3	718.2	608.4	497.3	448.6	422.5	408.9	392.0
80°	793.0	815.6	790.7	731.8	622.0	498.4	393.1	310.4	266.2	242.4	226.6
82.5°	802.1	891.5	931.2	914.2	814.5	616.3	406.7	259.4	192.6	160.8	149.5
85°	430.5	471.3	453.1	381.8	343.3	205.0	140.5	94.0	79.3	72.5	66.9
87.5°	17.0	13.6	11.3	11.3	12.5	13.6	11.3	12.5	11.3	11.3	11.3
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):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1	1041.1
2.5°	1044.5	1044.5	1044.5	1043.4	1041.1	1035.4	1029.8	1025.2	1021.9	1018.4	1013.9
5°	1064.8	1062.6	1062.6	1062.6	1053.6	1044.5	1036.6	1028.7	1021.9	1016.2	1011.6
7.5°	1098.9	1097.7	1093.2	1092.1	1085.3	1070.5	1061.5	1047.9	1039.9	1032.0	1029.8
10°	1139.6	1138.5	1137.4	1136.3	1127.2	1112.5	1101.1	1088.7	1077.3	1066.1	1054.7
12.5°	1187.3	1186.1	1184.9	1181.6	1178.1	1170.2	1157.8	1144.2	1130.6	1106.8	1094.3
15°	1246.1	1248.4	1246.1	1245.0	1242.7	1243.8	1235.9	1216.7	1195.2	1164.6	1138.5
17.5°	1324.3	1322.1	1320.9	1325.4	1324.3	1330.0	1327.7	1302.8	1270.0	1221.2	1175.9
20°	1410.4	1410.4	1414.9	1418.3	1428.5	1443.3	1436.5	1405.9	1345.8	1277.9	1219.0
22.5°	1513.5	1515.7	1520.3	1518.1	1533.9	1557.7	1559.9	1516.8	1438.7	1344.7	1262.0
25°	1621.1	1623.4	1618.8	1625.6	1651.7	1685.7	1692.5	1631.3	1528.2	1405.9	1298.2
27.5°	1723.1	1725.3	1725.3	1734.4	1759.3	1817.1	1823.9	1755.9	1618.8	1459.1	1324.3
30°	1822.7	1831.8	1834.1	1836.4	1873.7	1954.2	1968.8	1870.3	1698.1	1498.8	1342.4
32.5°	1948.5	1951.9	1956.4	1962.1	2005.1	2103.7	2103.7	1968.8	1749.1	1523.6	1345.8
35°	2083.3	2084.5	2094.6	2095.7	2156.9	2255.5	2236.2	2050.4	1785.4	1518.1	1320.9
37.5°	2164.9	2169.4	2179.5	2193.2	2257.8	2397.1	2352.9	2120.7	1792.2	1480.7	1264.3
40°	2265.7	2274.7	2284.9	2298.5	2394.8	2540.9	2451.5	2164.9	1763.8	1407.0	1179.3
42.5°	2374.4	2386.9	2402.8	2427.6	2542.1	2667.8	2526.2	2171.6	1699.3	1324.3	1078.4
45°	2496.8	2519.5	2537.6	2567.0	2696.2	2777.7	2571.6	2132.0	1617.7	1215.5	970.9
47.5°	2638.4	2656.5	2688.2	2719.9	2849.1	2852.5	2576.1	2055.0	1506.7	1106.8	856.5
50°	2812.9	2824.2	2871.7	2891.0	3012.2	2930.6	2543.3	1950.8	1390.0	984.5	729.6
52.5°	3045.0	3060.9	3122.2	3151.6	3237.7	3037.1	2496.8	1837.5	1256.3	847.4	599.3
55°	3503.9	3573.0	3616.0	3667.0	3722.5	3278.4	2476.4	1716.3	1105.7	688.7	474.7
57.5°	4791.9	4769.2	4864.4	4980.0	4978.8	3830.2	2598.7	1612.0	927.8	526.8	364.7
60°	6710.9	6732.5	6683.8	6752.9	6533.2	4514.4	2766.4	1502.1	727.3	392.0	278.7
62.5°	8137.3	8012.6	7943.5	7861.9	7378.2	4589.1	2644.0	1276.8	529.0	275.3	214.1
65°	8474.8	8328.7	8180.2	8025.1	7295.5	4137.1	2169.4	936.8	342.1	189.2	170.0
67.5°	8141.7	7907.2	7718.1	7558.4	6684.9	3429.1	1586.0	575.4	196.0	152.9	145.0
70°	7278.6	7019.1	6713.3	6534.3	5629.2	2527.4	1016.2	310.4	150.7	135.9	132.6
72.5°	5327.8	5114.8	4780.6	4575.6	4042.0	1536.1	567.5	174.4	140.5	130.2	125.8
75°	2075.4	1964.4	1825.0	1836.4	1639.3	679.7	257.1	150.7	137.1	128.0	123.4
77.5°	356.8	347.8	321.8	321.8	365.9	248.1	171.1	151.8	135.9	125.8	117.9
80°	214.1	209.6	199.4	197.1	190.3	174.4	164.3	154.0	133.7	119.0	108.7
82.5°	140.5	134.8	131.4	130.2	141.6	152.9	154.0	152.9	126.9	103.1	88.4
85°	60.0	60.0	60.0	61.2	81.6	123.4	126.9	135.9	104.2	80.5	63.4
87.5°	10.2	12.5	12.5	13.6	14.7	27.2	34.0	44.2	35.2	34.0	30.6
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):

	165°	175°	180°
0°	1041.1	1041.1	1041.1
2.5°	1012.8	1010.5	1010.5
5°	1009.4	1007.1	1008.2
7.5°	1023.0	1018.4	1019.5
10°	1047.9	1043.4	1041.1
12.5°	1079.6	1074.0	1074.0
15°	1112.5	1098.9	1097.7
17.5°	1139.6	1122.6	1120.4
20°	1170.2	1147.5	1144.2
22.5°	1198.5	1168.0	1163.4
25°	1219.0	1181.6	1175.9
27.5°	1228.0	1183.8	1179.3
30°	1234.8	1184.9	1178.1
32.5°	1228.0	1174.8	1169.1
35°	1190.6	1132.8	1129.4
37.5°	1126.1	1061.5	1056.9
40°	1041.1	973.1	961.8
42.5°	932.3	868.9	856.5
45°	827.0	754.5	748.8
47.5°	713.7	644.6	648.0
50°	594.7	532.5	531.3
52.5°	481.5	427.1	423.7
55°	379.5	341.0	337.6
57.5°	300.2	279.8	276.4
60°	244.7	234.5	231.1
62.5°	197.1	193.7	192.6
65°	164.3	164.3	164.3
67.5°	142.7	143.9	143.9
70°	131.4	132.6	131.4
72.5°	126.9	130.2	130.2
75°	123.4	125.8	121.2
77.5°	121.2	122.3	114.4
80°	120.1	119.0	104.2
82.5°	104.2	100.8	88.4
85°	95.2	72.5	61.2
87.5°	48.7	34.0	26.0
90°	0.0	0.0	0.0

(END OF REPORT)