

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: P180547

Luminaire Tested: **ICS-E04-LED-E1-SL2-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180547
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33678)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICS-E04-LED-E1-SL2-7030
Description: ICON SITE SMALL LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (84) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10045.9 lumens
Efficiency: N/A
Efficacy: 103.4 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.67' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B2 - U0 - G2

Input Watts (W): 97.2
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

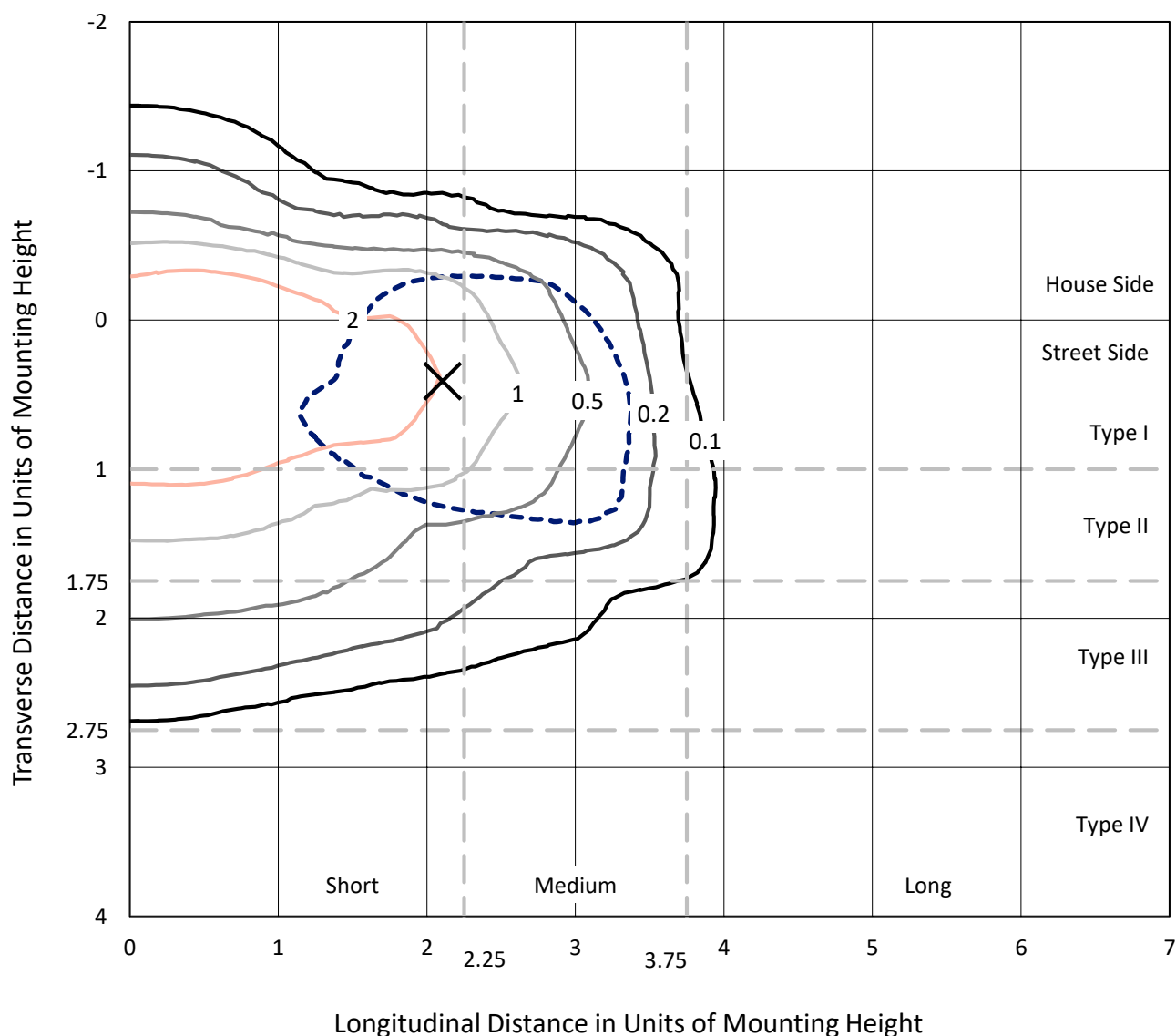


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

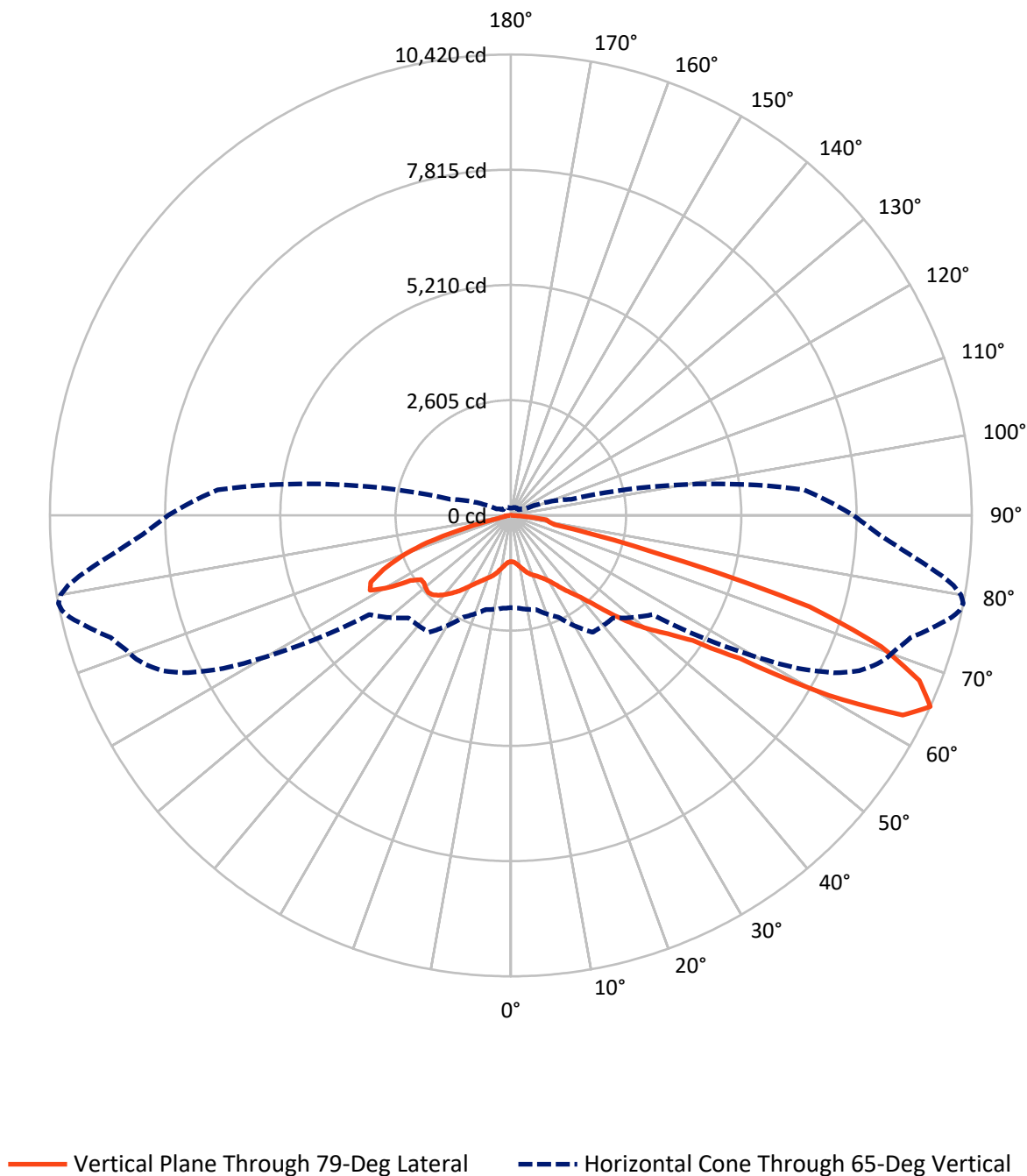


Based on 20 foot mounting height. Maximum calculated value = 3.5 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2374.8	0.0	2374.8
	% Fixture	23.6	0.0	23.6
Street Side	Lumens	7671.1	0.0	7671.1
	% Fixture	76.4	0.0	76.4
Total	Lumens	10045.9	0.0	10045.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	103.9	1.0
10°-20°	339.9	3.4
20°-30°	587.1	5.8
30°-40°	971.8	9.7
40°-50°	1648.1	16.4
50°-60°	2189.7	21.8
60°-70°	2828.6	28.2
70°-80°	1186.3	11.8
80°-90°	190.6	1.9
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°	10045.9	100.0
0°-180°	10045.9	100.0

Coefficient of Utilization



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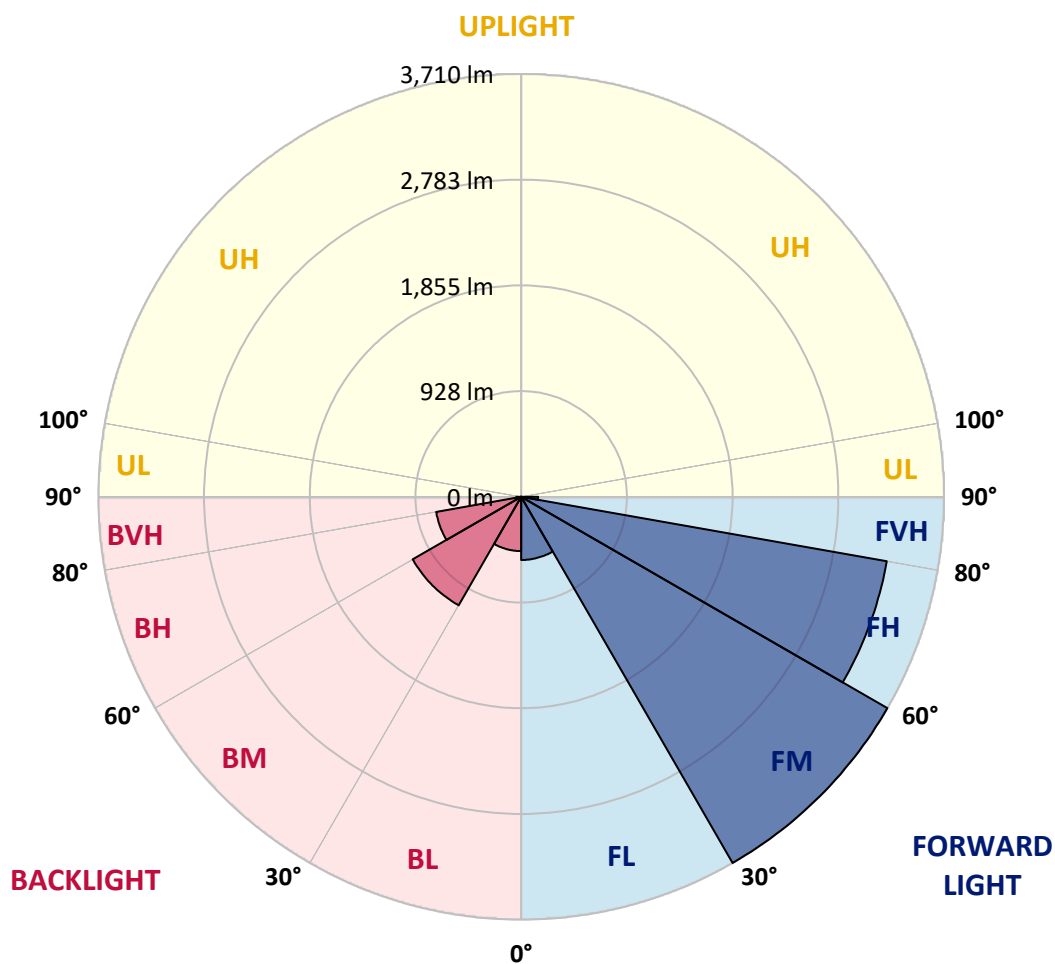
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	554.3	5.5			
FM	(30°-60°)	3710.2	36.9			
FH	(60°-80°)	3257.5	32.4			G2/5000
FVH	(80°-90°)	149.0	1.5			G2/225
BL	(0°-30°)	476.6	4.7	B1/500		
BM	(30°-60°)	1099.3	10.9	B2/2500		
BH	(60°-80°)	757.4	7.5	B2/1000		G2/1000
BVH	(80°-90°)	41.6	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7
2.5°	1042.4	1045.7	1043.5	1045.7	1047.9	1048.9	1051.1	1050.0	1050.0	1051.1	1048.9
5°	1042.4	1042.4	1045.7	1051.1	1053.3	1059.9	1067.6	1066.5	1067.6	1066.5	1068.7
7.5°	1064.3	1063.2	1066.5	1073.1	1075.3	1085.1	1098.3	1100.5	1102.7	1102.7	1105.9
10°	1102.7	1101.6	1104.8	1108.1	1111.4	1119.1	1137.7	1145.4	1146.5	1147.6	1152.0
12.5°	1150.9	1149.8	1145.4	1145.4	1144.3	1158.6	1183.8	1198.0	1200.2	1204.6	1207.9
15°	1184.9	1181.6	1175.0	1170.6	1176.1	1199.1	1236.4	1252.8	1255.0	1258.3	1267.1
17.5°	1217.7	1214.5	1200.2	1189.2	1196.9	1234.2	1284.6	1302.1	1306.5	1309.8	1319.7
20°	1263.8	1261.6	1240.8	1214.5	1212.3	1260.5	1321.9	1344.9	1348.2	1352.6	1362.4
22.5°	1333.9	1324.1	1300.0	1250.6	1226.5	1275.8	1348.2	1380.0	1384.3	1388.7	1401.9
25°	1421.6	1417.2	1375.6	1300.0	1249.5	1291.2	1376.7	1416.1	1422.7	1428.2	1445.7
27.5°	1512.6	1506.0	1461.1	1362.4	1290.1	1321.9	1421.6	1466.6	1475.3	1484.1	1500.5
30°	1593.7	1591.5	1554.2	1446.8	1355.9	1380.0	1494.0	1548.8	1558.6	1569.6	1584.9
32.5°	1784.4	1785.5	1747.2	1637.5	1514.8	1485.2	1598.1	1680.3	1684.7	1697.8	1725.2
35°	2149.4	2153.8	2139.5	2053.0	1914.9	1793.2	1804.1	1885.3	1889.6	1900.6	1926.9
37.5°	2393.8	2402.6	2446.5	2473.9	2403.7	2347.8	2208.6	2176.8	2180.1	2173.5	2168.0
40°	2528.7	2541.8	2656.9	2799.4	2876.1	2877.2	2816.9	2676.6	2622.9	2607.6	2541.8
42.5°	2605.4	2627.3	2790.6	3033.9	3254.3	3405.5	3442.8	3287.1	3247.7	3177.5	3051.5
45°	2655.8	2682.1	2875.0	3208.2	3532.7	3790.2	3984.3	3915.2	3888.9	3846.1	3730.0
47.5°	2647.0	2667.9	2868.4	3267.4	3678.4	4044.5	4388.7	4459.9	4428.2	4417.2	4338.3
50°	2487.0	2505.6	2709.5	3120.5	3598.4	4141.0	4645.2	4846.9	4846.9	4867.7	4843.6
52.5°	2316.0	2331.4	2516.6	2886.0	3339.8	4046.7	4787.7	5122.0	5165.8	5202.0	5259.0
55°	2251.3	2270.0	2410.3	2726.0	3119.4	3777.1	4835.9	5328.0	5409.2	5470.5	5599.9
57.5°	2282.0	2300.7	2400.4	2639.4	2990.1	3502.0	4838.1	5605.4	5762.1	5888.1	6150.1
60°	2414.7	2432.2	2515.5	2719.4	2956.1	3343.0	4744.9	6047.1	6297.0	6533.7	6970.0
62.5°	2353.3	2375.2	2496.9	2852.0	3209.3	3222.5	4408.4	6389.1	6791.3	7141.0	7834.8
65°	2084.7	2107.8	2203.1	2535.2	3224.7	3275.1	3909.7	6395.6	6895.4	7367.8	8116.5
67.5°	1582.7	1591.5	1667.1	1933.5	2579.1	3333.2	3396.8	5638.2	6113.9	6641.1	7413.9
70°	808.9	824.3	846.2	1067.6	1660.6	2754.4	2918.9	4155.2	4761.4	5306.1	6234.5
72.5°	280.6	286.1	308.0	407.7	808.9	1807.4	2555.0	2847.6	3213.7	3723.4	4798.6
75°	168.8	168.8	176.5	206.1	369.4	941.5	2273.3	2325.9	2375.2	2546.2	3249.9
77.5°	133.7	135.9	135.9	141.4	205.0	483.4	1726.3	2162.6	2169.1	2185.6	2304.0
80°	95.4	99.7	108.5	112.9	132.6	265.3	968.9	1898.4	2027.7	2090.2	2176.8
82.5°	71.2	75.6	92.1	97.6	103.0	148.0	435.1	1309.8	1545.5	1670.4	1975.1
85°	31.8	37.3	62.5	69.1	72.3	78.9	203.9	372.7	428.6	481.2	634.6
87.5°	5.5	5.5	9.9	14.2	20.8	19.7	44.9	63.6	64.7	75.6	84.4
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°	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7
2.5°	1048.9	1048.9	1048.9	1047.9	1048.9	1048.9	1048.9	1048.9	1050.0	1050.0	1050.0
5°	1072.0	1069.8	1070.9	1070.9	1070.9	1069.8	1072.0	1070.9	1072.0	1075.3	1074.2
7.5°	1105.9	1108.1	1109.2	1110.3	1110.3	1110.3	1111.4	1113.6	1113.6	1116.9	1115.8
10°	1156.4	1155.3	1156.4	1159.7	1162.9	1164.0	1167.3	1166.2	1168.4	1172.8	1177.2
12.5°	1210.1	1212.3	1215.6	1218.8	1224.3	1225.4	1228.7	1229.8	1236.4	1236.4	1240.8
15°	1270.4	1271.5	1278.0	1279.1	1285.7	1287.9	1293.4	1295.6	1303.2	1304.3	1308.7
17.5°	1325.2	1327.4	1330.6	1333.9	1341.6	1344.9	1349.3	1353.7	1360.2	1362.4	1370.1
20°	1369.0	1373.4	1374.5	1381.1	1387.6	1392.0	1396.4	1400.8	1407.4	1410.7	1418.3
22.5°	1408.5	1412.8	1416.1	1421.6	1426.0	1432.6	1434.8	1442.4	1449.0	1454.5	1461.1
25°	1451.2	1457.8	1461.1	1470.9	1474.2	1480.8	1486.3	1494.0	1502.7	1509.3	1518.1
27.5°	1511.5	1521.4	1525.7	1536.7	1544.4	1547.7	1556.4	1567.4	1575.1	1582.7	1591.5
30°	1594.8	1613.4	1616.7	1624.4	1638.6	1640.8	1651.8	1660.6	1672.6	1680.3	1688.0
32.5°	1724.1	1747.2	1749.3	1758.1	1770.2	1774.6	1783.3	1793.2	1811.8	1815.1	1827.2
35°	1922.5	1932.4	1941.2	1944.4	1954.3	1959.8	1966.4	1977.3	1996.0	1993.8	2006.9
37.5°	2160.4	2163.7	2164.8	2153.8	2156.0	2146.1	2158.2	2160.4	2167.0	2172.4	2185.6
40°	2500.2	2466.2	2461.8	2435.5	2409.2	2394.9	2389.5	2367.5	2373.0	2375.2	2386.2
42.5°	2996.7	2930.9	2876.1	2838.8	2774.2	2742.4	2699.6	2665.7	2639.4	2649.2	2653.6
45°	3625.8	3531.6	3443.9	3329.9	3245.5	3185.2	3109.6	3041.6	3010.9	2996.7	3014.2
47.5°	4253.9	4170.6	4067.6	3950.3	3816.6	3716.8	3590.8	3480.1	3403.3	3374.8	3390.2
50°	4796.4	4719.7	4641.9	4572.8	4417.2	4308.7	4136.6	3993.0	3872.5	3811.1	3794.6
52.5°	5246.9	5206.4	5164.7	5106.6	4981.7	4873.2	4736.2	4594.8	4434.7	4309.8	4267.0
55°	5649.2	5673.3	5652.5	5653.6	5604.3	5535.2	5419.0	5313.8	5202.0	5060.6	5001.4
57.5°	6235.6	6378.1	6406.6	6477.8	6512.9	6550.2	6583.1	6520.6	6492.1	6386.9	6388.0
60°	7159.6	7367.8	7548.7	7713.1	7847.9	7979.5	8117.6	8178.9	8246.9	8278.7	8387.2
62.5°	8142.8	8341.2	8610.8	8831.1	8955.0	9126.0	9276.1	9373.7	9493.1	9620.3	9785.8
65°	8386.1	8625.1	8794.9	8941.8	9064.6	9155.6	9237.8	9353.9	9453.7	9655.4	9850.5
67.5°	7762.4	7953.2	8108.8	8253.5	8348.8	8425.6	8499.0	8575.7	8746.7	8929.8	9126.0
70°	6663.1	6893.2	7150.8	7338.3	7385.4	7451.2	7521.3	7621.0	7706.5	7898.4	8047.4
72.5°	5353.3	5684.3	5902.4	6162.2	6218.1	6317.8	6357.3	6435.1	6450.4	6554.6	6594.0
75°	3731.1	4110.3	4329.5	4520.2	4557.5	4502.7	4524.6	4249.5	4179.4	4122.4	4076.3
77.5°	2462.9	2564.8	2599.9	2569.2	2422.3	2307.2	2184.5	2063.9	2077.1	1979.5	1808.5
80°	2190.0	2213.0	2181.2	2150.5	2066.1	1945.5	1834.8	1721.9	1666.0	1606.9	1519.2
82.5°	2130.8	2219.6	2229.4	2192.2	2125.3	1993.8	1860.0	1692.3	1549.9	1418.3	1284.6
85°	712.5	867.0	936.1	1000.7	1020.5	1043.5	964.6	857.1	727.8	641.2	502.0
87.5°	91.0	112.9	130.4	111.8	130.4	153.5	110.7	123.9	125.0	77.8	58.1
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7
2.5°	1051.1	1050.0	1050.0	1050.0	1048.9	1050.0	1050.0	1050.0	1050.0	1050.0	1048.9
5°	1075.3	1075.3	1078.5	1079.6	1077.4	1076.4	1077.4	1078.5	1078.5	1077.4	1078.5
7.5°	1120.2	1121.3	1123.5	1126.8	1124.6	1125.7	1126.8	1125.7	1129.0	1130.1	1129.0
10°	1177.2	1179.4	1184.9	1186.0	1184.9	1189.2	1190.3	1188.2	1190.3	1190.3	1194.7
12.5°	1243.0	1245.1	1251.7	1253.9	1256.1	1257.2	1260.5	1261.6	1264.9	1267.1	1270.4
15°	1314.2	1316.4	1320.8	1328.4	1330.6	1332.8	1335.0	1341.6	1342.7	1347.1	1350.4
17.5°	1374.5	1377.8	1384.3	1389.8	1393.1	1398.6	1400.8	1408.5	1410.7	1417.2	1422.7
20°	1422.7	1428.2	1433.7	1440.2	1445.7	1452.3	1454.5	1462.2	1466.6	1469.8	1476.4
22.5°	1466.6	1473.1	1480.8	1488.5	1492.9	1501.6	1504.9	1508.2	1518.1	1522.5	1529.0
25°	1523.6	1530.1	1538.9	1548.8	1553.1	1564.1	1567.4	1572.9	1583.8	1588.2	1598.1
27.5°	1601.4	1610.1	1616.7	1626.6	1632.1	1639.7	1647.4	1654.0	1663.8	1670.4	1681.4
30°	1698.9	1705.5	1716.5	1724.1	1732.9	1743.9	1752.6	1759.2	1764.7	1774.6	1786.6
32.5°	1842.5	1843.6	1846.9	1865.5	1874.3	1883.1	1895.1	1900.6	1909.4	1919.2	1932.4
35°	2021.2	2031.0	2038.7	2047.5	2057.3	2067.2	2071.6	2088.0	2095.7	2108.9	2122.0
37.5°	2198.7	2199.8	2217.4	2222.9	2231.6	2241.5	2256.8	2273.3	2293.0	2306.2	2327.0
40°	2389.5	2398.2	2420.1	2431.1	2442.1	2466.2	2478.2	2504.5	2537.4	2556.1	2591.1
42.5°	2665.7	2678.8	2718.3	2735.8	2762.1	2801.6	2826.8	2863.0	2876.1	2921.1	2937.5
45°	3027.4	3067.9	3124.9	3162.2	3209.3	3252.1	3274.0	3290.4	3310.2	3345.2	3340.9
47.5°	3418.7	3471.3	3534.9	3611.6	3642.3	3692.7	3721.2	3753.0	3735.4	3726.7	3717.9
50°	3819.8	3881.2	3965.6	4034.7	4081.8	4112.5	4136.6	4132.2	4095.0	4075.2	4020.4
52.5°	4265.9	4302.1	4382.1	4441.3	4469.8	4476.4	4470.9	4438.0	4403.0	4340.5	4275.8
55°	4949.9	4933.5	4965.2	4992.6	4983.9	5014.6	4935.6	4905.0	4818.4	4737.3	4650.7
57.5°	6339.7	6361.6	6184.1	6104.1	6089.8	6118.3	5979.1	5961.6	5752.2	5725.9	5580.1
60°	8371.9	8479.3	8340.1	8262.3	8051.8	7982.8	7827.1	7762.4	7561.9	7399.6	7194.7
62.5°	9899.8	9997.3	10055.4	9944.7	9822.0	9641.1	9405.5	9144.6	8932.0	8683.1	8466.1
65°	10037.9	10235.2	10368.9	10420.4	10333.8	10135.5	9845.0	9516.2	9190.6	8878.2	8604.2
67.5°	9392.3	9568.8	9775.9	9961.2	9972.1	9842.8	9595.1	9260.8	8884.8	8499.0	8177.9
70°	8283.1	8504.5	8685.3	8880.4	9016.4	8941.8	8818.0	8511.1	8120.9	7820.5	7451.2
72.5°	6736.5	6829.7	6873.5	7065.3	7067.5	6931.6	6843.9	6674.0	6359.5	6146.8	5865.1
75°	3933.8	3728.9	3510.7	3321.1	3166.6	3101.9	2814.7	2766.5	2573.6	2454.1	2278.8
77.5°	1622.2	1439.2	1203.5	1007.3	813.3	725.6	598.5	542.6	470.2	438.4	417.6
80°	1390.9	1217.7	1040.2	870.3	719.0	567.8	441.7	343.1	269.6	229.1	212.6
82.5°	1135.5	1031.4	907.6	815.5	697.1	584.2	493.2	382.5	286.1	210.4	161.1
85°	409.9	336.5	270.7	248.8	198.4	163.3	137.0	117.3	96.5	76.7	68.0
87.5°	46.0	43.8	25.2	24.1	27.4	19.7	23.0	20.8	17.5	15.3	16.4
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°	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7
2.5°	1048.9	1048.9	1050.0	1050.0	1051.1	1052.2	1054.4	1053.3	1053.3	1054.4	1054.4
5°	1078.5	1081.8	1080.7	1080.7	1080.7	1081.8	1082.9	1078.5	1074.2	1069.8	1067.6
7.5°	1130.1	1132.3	1134.4	1132.3	1134.4	1133.3	1131.2	1119.1	1104.8	1087.3	1075.3
10°	1196.9	1196.9	1199.1	1198.0	1202.4	1199.1	1192.5	1165.1	1134.4	1097.2	1069.8
12.5°	1269.3	1276.9	1273.6	1274.7	1283.5	1274.7	1259.4	1218.8	1164.0	1103.8	1055.5
15°	1354.8	1358.0	1360.2	1356.9	1362.4	1354.8	1327.4	1262.7	1182.7	1098.3	1027.0
17.5°	1424.9	1426.0	1427.1	1429.3	1437.0	1428.2	1381.1	1293.4	1187.1	1073.1	978.8
20°	1479.7	1485.2	1489.6	1489.6	1500.5	1487.4	1424.9	1308.7	1172.8	1031.4	917.4
22.5°	1536.7	1541.1	1546.6	1547.7	1561.9	1548.8	1461.1	1305.4	1135.5	972.2	846.2
25°	1606.9	1611.2	1615.6	1621.1	1640.8	1622.2	1497.2	1292.3	1084.0	902.1	769.4
27.5°	1688.0	1697.8	1701.1	1709.9	1732.9	1704.4	1527.9	1272.5	1027.0	821.0	688.3
30°	1796.5	1808.5	1812.9	1825.0	1856.8	1794.3	1545.5	1238.6	954.7	738.8	601.7
32.5°	1942.3	1958.7	1971.8	1985.0	2021.2	1884.2	1547.7	1189.2	870.3	646.7	518.4
35°	2133.0	2158.2	2168.0	2176.8	2210.8	1981.7	1537.8	1115.8	767.3	552.4	452.7
37.5°	2346.7	2371.9	2378.5	2382.9	2389.5	2065.0	1513.7	1004.0	651.1	470.2	400.1
40°	2609.8	2631.7	2640.5	2633.9	2598.8	2129.7	1460.0	873.6	538.2	414.3	367.2
42.5°	2930.9	2963.8	2967.1	2937.5	2821.3	2165.9	1352.6	720.1	449.4	373.8	342.0
45°	3328.8	3326.6	3308.0	3287.1	3063.5	2151.6	1202.4	586.4	393.5	342.0	319.0
47.5°	3686.1	3648.9	3620.4	3559.0	3277.3	2068.3	1008.4	485.6	359.5	317.9	299.2
50°	3978.8	3910.8	3850.5	3783.7	3436.2	1920.3	815.5	412.1	327.7	297.0	280.6
52.5°	4210.0	4127.8	4057.7	3991.9	3589.7	1755.9	668.6	358.4	297.0	276.2	259.8
55°	4571.7	4489.5	4377.7	4305.4	3824.2	1604.7	573.2	315.7	267.4	254.3	237.8
57.5°	5487.0	5414.6	5280.9	5093.5	4427.1	1547.7	519.5	282.8	243.3	235.7	222.5
60°	7085.1	6967.8	6793.5	6602.8	5652.5	1586.0	476.8	259.8	226.9	220.3	210.4
62.5°	8290.7	8084.7	7887.4	7710.9	6632.4	1584.9	420.9	242.2	214.8	211.5	201.7
65°	8340.1	8130.7	7932.3	7747.1	6654.3	1410.7	355.1	226.9	212.6	211.5	195.1
67.5°	7897.3	7670.4	7478.6	7245.1	6160.0	1102.7	285.0	217.0	221.4	219.2	192.9
70°	7173.8	6877.9	6720.1	6489.9	5421.2	771.6	234.6	220.3	240.0	233.5	196.2
72.5°	5630.6	5407.0	5166.9	5006.9	4244.0	487.8	197.3	222.5	247.7	236.8	205.0
75°	2095.7	2156.0	2057.3	2022.3	2156.0	286.1	175.4	207.2	221.4	205.0	186.3
77.5°	423.1	404.5	383.6	379.2	489.9	176.5	161.1	179.8	169.9	150.2	151.3
80°	202.8	197.3	190.7	189.6	181.9	146.9	149.1	153.5	128.2	116.2	123.9
82.5°	134.8	127.1	125.0	120.6	122.8	131.5	141.4	131.5	98.6	92.1	111.8
85°	62.5	60.3	59.2	59.2	65.8	118.4	117.3	96.5	68.0	65.8	111.8
87.5°	15.3	15.3	16.4	15.3	17.5	35.1	30.7	29.6	25.2	28.5	52.6
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°	1045.7	1045.7	1045.7
2.5°	1053.3	1054.4	1053.3
5°	1063.2	1063.2	1063.2
7.5°	1063.2	1059.9	1058.8
10°	1047.9	1038.0	1038.0
12.5°	1021.5	1005.1	1002.9
15°	972.2	950.3	947.0
17.5°	909.7	880.2	874.7
20°	839.6	802.3	795.8
22.5°	762.9	720.1	716.8
25°	687.2	643.4	634.6
27.5°	602.8	560.1	555.7
30°	518.4	481.2	479.0
32.5°	447.2	424.2	419.8
35°	396.8	383.6	378.1
37.5°	363.9	354.0	352.9
40°	338.7	329.9	328.8
42.5°	317.9	310.2	309.1
45°	297.0	290.5	288.3
47.5°	276.2	269.6	268.5
50°	257.6	248.8	247.7
52.5°	240.0	231.3	229.1
55°	223.6	214.8	214.8
57.5°	209.4	200.6	199.5
60°	196.2	187.4	186.3
62.5°	186.3	175.4	174.3
65°	178.7	167.7	165.5
67.5°	174.3	161.1	157.8
70°	181.9	157.8	152.4
72.5°	183.0	154.5	146.9
75°	176.5	145.8	140.3
77.5°	154.5	130.4	125.0
80°	133.7	100.8	93.2
82.5°	127.1	82.2	71.2
85°	98.6	53.7	50.4
87.5°	55.9	29.6	24.1
90°	0.0	0.0	0.0

(END OF REPORT)