

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: P180657

Luminaire Tested: **ICM-E01-LED-E1-SL3-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180657
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-E01-LED-E1-SL3-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (21) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2579.6 lumens
Efficiency: N/A
Efficacy: 104.4 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B1 - U0 - G1

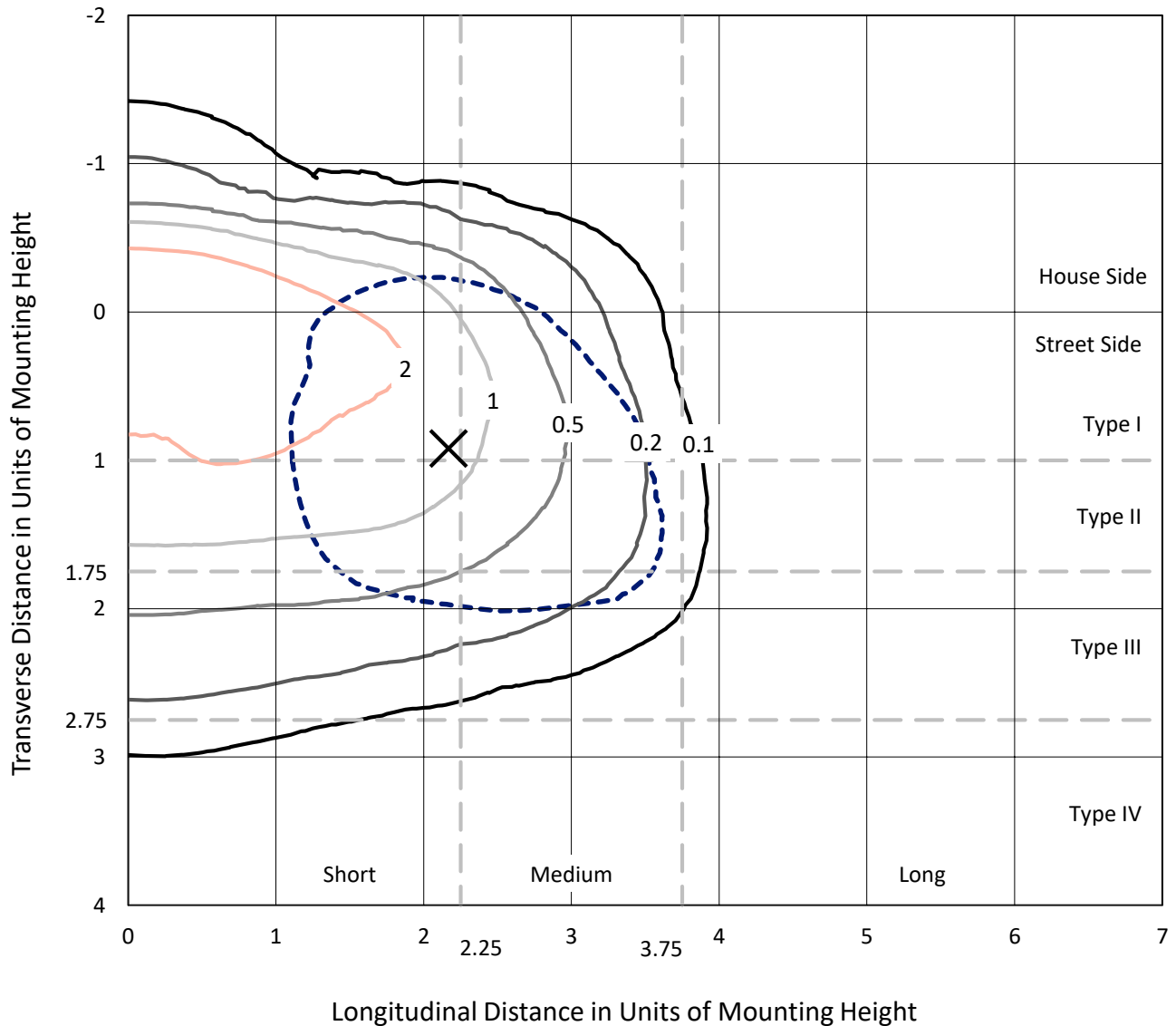
Input Watts (W): 24.7
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

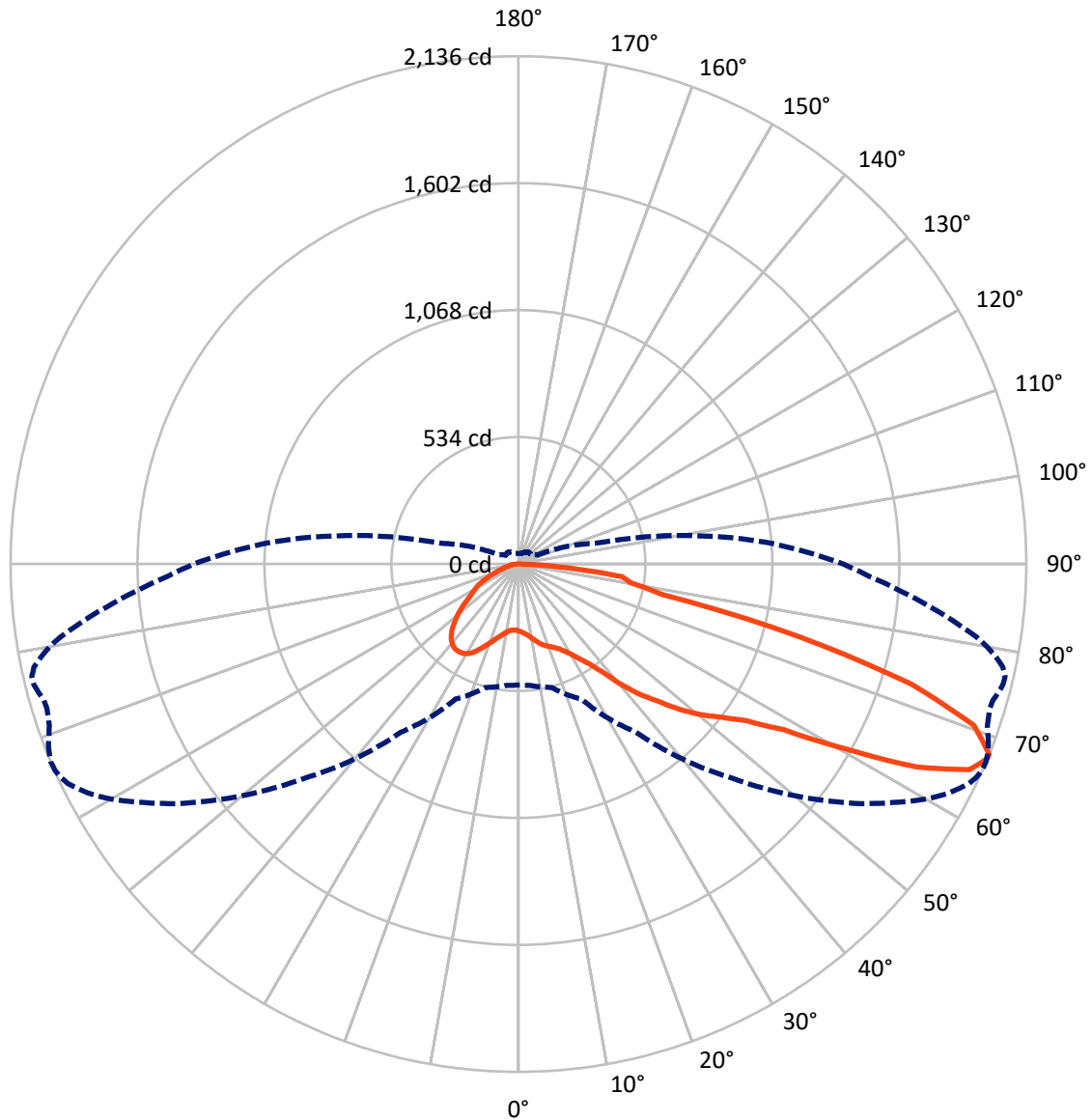
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.6 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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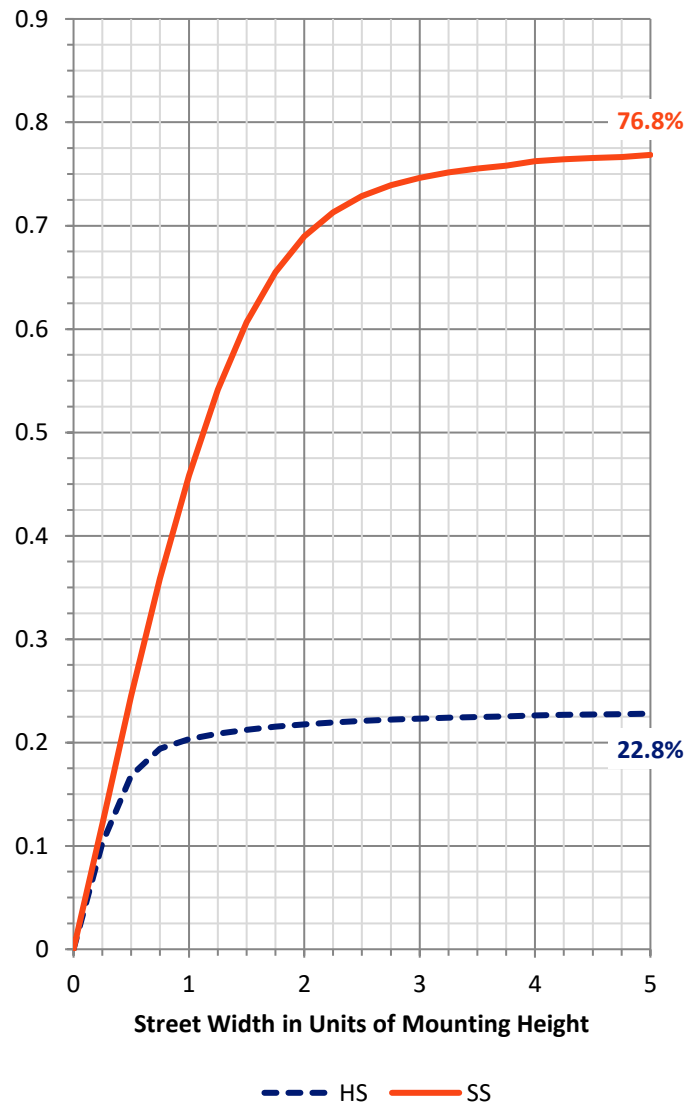
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	595.3	0.0	595.3
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	1984.3	0.0	1984.3
	% Fixture	76.9	0.0	76.9
Total	Lumens	2579.6	0.0	2579.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.1	1.1
10°-20°	96.2	3.7
20°-30°	169.9	6.6
30°-40°	243.8	9.5
40°-50°	370.3	14.4
50°-60°	545.2	21.1
60°-70°	724.6	28.1
70°-80°	354.5	13.7
80°-90°	47.1	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°	2579.6	100.0
0°-180°	2579.6	100.0



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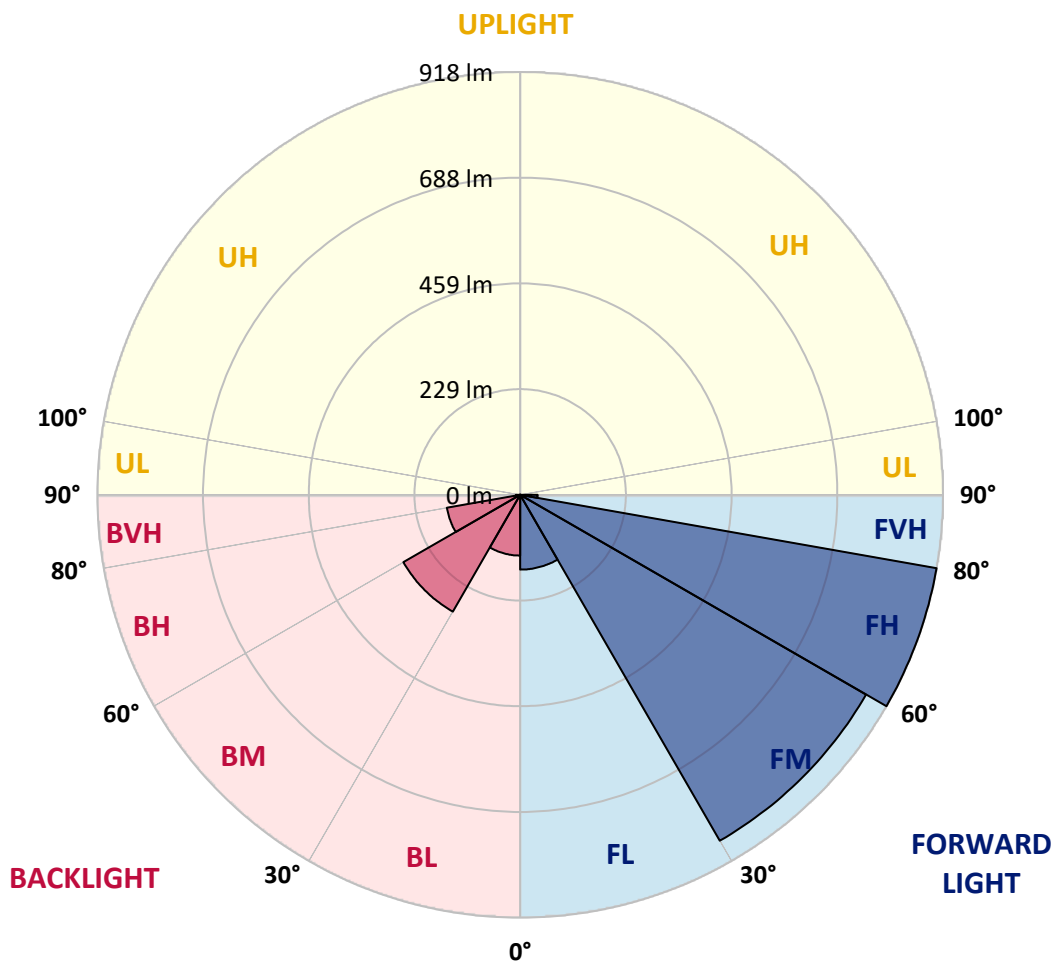
CATALOG NUMBER: ICM-E01-LED-E1-SL3-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	162.3	6.3			
FM	(30°-60°)	866.7	33.6			
FH	(60°-80°)	917.5	35.6			G1/1800
FVH	(80°-90°)	37.8	1.5			G1/100
BL	(0°-30°)	131.8	5.1	B1/500		
BM	(30°-60°)	292.7	11.3	B1/1000		
BH	(60°-80°)	161.5	6.3	B1/500		G1/500
BVH	(80°-90°)	9.3	0.4			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8
2.5°	295.1	295.4	294.8	294.5	292.8	291.2	290.0	288.6	288.6	288.6	288.0
5°	311.8	310.7	311.5	309.6	306.1	303.1	299.9	297.4	296.8	296.8	295.6
7.5°	331.9	330.5	330.0	327.1	322.0	317.5	311.3	308.7	307.3	306.7	306.1
10°	356.3	356.3	352.6	347.8	341.0	333.0	326.2	321.8	321.5	321.5	318.9
12.5°	381.2	381.8	376.9	372.1	361.1	350.6	342.7	337.6	337.3	336.2	334.8
15°	404.2	402.7	399.6	392.6	380.4	367.9	358.0	352.8	351.7	350.6	349.8
17.5°	423.1	421.7	417.8	408.7	395.9	381.2	369.0	363.6	363.1	362.5	361.4
20°	435.0	433.9	428.2	417.8	404.5	389.4	376.4	372.7	371.5	371.5	371.0
22.5°	441.8	440.1	431.9	418.0	405.0	394.0	383.2	380.9	380.1	380.4	380.4
25°	445.2	443.8	432.2	412.4	399.9	396.7	392.3	390.8	391.1	391.4	392.0
27.5°	445.8	443.8	430.2	405.0	393.4	402.1	405.3	407.5	407.5	408.7	410.7
30°	441.5	439.3	426.2	399.4	390.5	412.9	425.4	431.4	433.6	433.0	437.6
32.5°	434.1	432.7	422.2	399.4	398.5	434.1	456.3	464.7	465.9	466.4	471.5
35°	431.6	431.4	426.8	412.9	423.1	471.5	505.2	511.7	513.2	513.2	516.8
37.5°	431.1	432.5	437.6	438.4	466.4	527.1	571.3	581.1	581.1	584.0	584.0
40°	431.1	434.1	453.4	476.4	519.4	599.3	660.5	671.8	671.8	674.9	673.2
42.5°	447.7	452.3	484.0	527.6	586.2	673.8	744.0	756.7	757.6	756.7	759.3
45°	480.7	484.6	523.1	585.7	655.1	753.6	823.8	839.2	836.0	838.1	838.9
47.5°	524.2	530.4	574.3	649.1	722.1	827.5	913.4	927.3	926.1	927.0	923.3
50°	570.7	577.2	626.1	712.0	789.0	887.0	985.3	1006.0	1004.0	1005.4	1007.4
52.5°	611.7	615.7	663.0	759.3	839.7	942.5	1040.5	1066.3	1070.8	1071.4	1072.8
55°	636.1	640.9	684.3	782.8	876.6	996.9	1103.6	1142.8	1151.5	1153.8	1160.0
57.5°	644.6	649.7	689.0	786.2	896.7	1047.9	1191.7	1260.6	1267.9	1280.1	1299.9
60°	644.3	649.7	683.9	778.5	917.0	1111.1	1328.8	1444.1	1481.5	1494.0	1522.2
62.5°	618.0	624.2	659.1	755.4	943.1	1191.7	1532.8	1710.1	1758.2	1780.8	1811.5
65°	560.2	564.7	597.3	696.4	935.7	1271.4	1703.3	1924.4	1968.3	2001.4	2056.1
67°	508.9	511.7	537.2	626.7	863.8	1274.1	1757.0	1977.7	2015.9	2051.0	2107.4
67.5°	495.9	501.9	521.7	605.5	836.9	1258.1	1753.4	1969.4	2008.6	2045.0	2104.6
70°	403.5	412.1	422.0	478.3	657.9	1058.3	1623.4	1827.3	1861.6	1895.5	1978.5
72.5°	248.9	264.3	266.2	301.9	428.2	731.5	1313.5	1540.9	1566.7	1591.1	1676.0
75°	146.7	148.9	156.1	184.9	251.2	437.3	881.3	1144.8	1168.6	1180.4	1247.0
77.5°	81.9	84.1	90.0	115.0	193.1	294.5	513.2	672.7	687.1	702.1	691.4
80°	34.0	37.1	39.9	46.4	90.3	232.6	352.8	427.6	437.0	445.8	456.8
82.5°	16.5	17.6	21.5	24.7	32.8	95.4	276.7	370.7	381.8	394.5	420.3
85°	7.6	8.5	11.9	14.1	15.8	24.1	92.7	180.4	195.7	198.5	203.6
87.5°	0.6	0.6	1.4	2.0	2.8	3.1	9.7	13.6	15.3	13.9	17.6
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°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8
2.5°	287.7	287.4	286.9	286.9	286.6	286.6	286.6	286.0	286.0	286.0	285.8
5°	295.4	295.1	294.2	294.2	293.7	293.7	292.8	292.6	292.0	292.0	291.7
7.5°	305.3	305.0	303.9	303.9	303.1	302.8	302.1	301.3	301.3	300.7	300.2
10°	318.9	318.0	317.8	316.4	316.7	316.1	315.5	314.6	314.0	313.5	312.9
12.5°	334.2	334.2	332.7	331.9	332.5	331.9	330.8	330.5	329.7	329.7	328.8
15°	348.7	348.7	348.1	347.0	347.3	346.3	346.0	345.5	344.4	344.7	344.4
17.5°	361.1	361.1	360.3	359.7	359.7	358.8	359.1	358.5	358.0	357.7	356.8
20°	371.0	371.0	370.4	369.9	370.1	370.1	369.3	369.3	369.3	368.7	368.7
22.5°	380.7	380.9	380.9	380.9	381.2	381.5	381.2	381.8	381.5	382.0	382.0
25°	393.4	394.2	394.8	394.8	396.2	396.5	396.7	397.6	397.6	398.5	398.8
27.5°	412.4	412.9	415.2	415.7	416.0	418.3	418.6	419.7	420.8	421.1	421.4
30°	438.4	439.8	441.5	442.7	442.7	445.5	446.6	446.0	449.2	450.0	451.2
32.5°	473.2	474.4	476.1	477.2	478.3	479.7	480.0	481.5	484.0	486.2	484.8
35°	517.1	520.0	517.1	520.3	521.1	523.1	522.5	524.2	525.4	526.2	526.0
37.5°	580.8	579.4	578.9	577.8	575.7	582.6	579.2	578.9	577.2	582.0	578.9
40°	664.7	665.6	666.4	661.9	659.4	659.4	658.4	655.4	654.0	658.1	657.6
42.5°	752.2	753.0	749.1	746.2	739.7	738.9	734.9	734.1	732.7	734.9	732.7
45°	831.8	832.4	823.5	825.0	819.9	820.7	814.5	817.0	813.7	815.9	820.2
47.5°	920.7	921.9	914.2	917.3	912.2	909.1	908.8	910.5	906.8	909.1	910.2
50°	1001.4	1000.0	996.1	996.9	994.6	995.2	991.8	994.9	990.7	995.2	994.6
52.5°	1073.1	1071.4	1070.5	1073.4	1071.4	1071.4	1069.4	1070.8	1071.4	1078.1	1079.6
55°	1160.0	1161.4	1162.9	1168.0	1170.2	1166.5	1170.2	1177.3	1177.6	1193.8	1202.5
57.5°	1299.6	1309.6	1314.7	1317.8	1331.1	1329.7	1338.1	1355.2	1356.8	1394.2	1416.1
60°	1543.2	1560.8	1577.5	1568.4	1595.4	1603.5	1608.7	1640.4	1650.2	1685.7	1704.7
62.5°	1850.8	1852.8	1878.8	1870.6	1885.9	1882.2	1888.5	1902.9	1915.9	1945.1	1962.9
65°	2065.5	2074.8	2085.0	2074.5	2074.2	2061.8	2053.9	2053.6	2061.5	2067.7	2087.5
67°	2123.8	2133.1	2135.7	2128.0	2117.0	2101.1	2086.4	2078.8	2073.7	2076.5	2088.9
67.5°	2123.3	2132.0	2135.1	2127.7	2112.5	2099.2	2083.5	2074.8	2068.0	2069.4	2079.9
70°	2002.6	2021.6	2031.7	2034.1	2032.0	2008.8	1995.5	1987.5	1981.9	1968.0	1967.2
72.5°	1696.8	1719.6	1727.5	1740.3	1746.0	1711.7	1697.3	1706.1	1686.2	1642.3	1644.3
75°	1245.9	1247.5	1220.9	1215.8	1196.8	1119.3	1096.0	1074.8	1040.8	987.8	938.0
77.5°	649.4	649.1	618.5	603.0	580.3	533.6	531.3	493.4	466.7	418.3	400.7
80°	461.3	468.7	478.9	484.0	476.1	458.0	433.0	406.1	375.3	344.9	308.7
82.5°	429.0	433.6	439.0	419.2	408.1	382.6	363.6	324.6	302.8	268.2	231.6
85°	208.7	222.6	211.8	199.4	195.2	152.7	147.5	123.2	111.9	92.0	85.8
87.5°	13.3	16.5	14.7	13.3	11.6	6.5	8.7	6.2	6.5	4.8	4.3
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°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8
2.5°	285.8	285.5	285.2	284.9	284.7	284.7	284.4	284.1	283.8	283.3	283.3
5°	291.2	291.2	290.9	290.3	290.3	289.8	288.8	288.6	288.6	288.0	287.4
7.5°	299.9	299.6	299.1	298.8	298.2	297.7	297.1	296.6	296.3	295.4	295.1
10°	313.2	312.7	311.3	310.7	310.4	309.9	309.3	308.7	307.8	307.3	307.0
12.5°	328.3	328.0	326.8	327.4	326.0	325.4	324.8	323.4	324.0	322.9	322.3
15°	343.3	343.5	343.0	343.0	341.9	341.0	340.4	339.3	339.0	338.4	337.9
17.5°	356.6	357.1	356.3	355.7	355.2	354.6	353.5	352.3	352.3	351.2	350.6
20°	368.7	369.3	369.0	368.5	367.6	367.4	366.8	365.9	365.9	365.3	364.5
22.5°	382.6	382.9	382.9	382.6	381.8	382.0	381.5	380.7	380.9	379.8	379.8
25°	399.4	399.9	400.5	400.7	400.2	400.5	399.9	399.4	399.1	399.4	399.1
27.5°	422.2	422.8	424.6	423.1	424.6	424.8	424.0	422.8	423.7	425.1	424.3
30°	452.6	452.0	454.2	454.5	454.2	454.5	454.0	453.1	453.7	456.3	454.8
32.5°	486.5	487.7	488.3	488.8	489.7	490.8	490.0	489.1	490.5	489.7	491.6
35°	527.6	530.1	531.0	530.1	530.7	532.7	532.5	532.7	535.5	532.7	536.4
37.5°	579.4	582.0	584.0	582.9	584.3	584.3	586.5	592.7	588.8	593.9	597.9
40°	654.8	658.8	659.1	658.8	660.2	661.9	664.1	670.9	666.4	671.8	675.4
42.5°	732.4	737.2	738.9	736.1	739.2	742.9	743.2	749.1	749.4	750.2	752.2
45°	819.9	824.1	827.5	826.1	826.4	831.3	830.1	835.7	831.5	831.5	832.7
47.5°	913.0	917.0	919.3	921.6	918.7	923.0	924.9	923.8	918.7	917.6	910.8
50°	998.1	1001.4	1004.8	1011.1	1010.8	1012.8	1014.1	1009.1	1007.9	1001.7	994.1
52.5°	1088.1	1096.8	1104.6	1117.6	1119.5	1126.3	1123.8	1115.3	1113.9	1103.6	1093.5
55°	1213.6	1238.8	1249.8	1270.0	1283.5	1283.3	1277.6	1276.2	1265.4	1245.0	1232.8
57.5°	1431.9	1471.3	1490.2	1516.3	1520.6	1518.1	1510.6	1497.6	1478.9	1444.7	1422.6
60°	1747.2	1771.5	1793.6	1799.8	1802.9	1798.2	1772.3	1743.5	1706.9	1659.6	1620.3
62.5°	1985.3	2010.2	2026.6	2024.1	2004.6	1979.9	1942.2	1893.9	1842.6	1789.6	1730.7
65°	2106.5	2117.0	2114.4	2094.6	2061.2	2018.2	1963.2	1903.5	1843.2	1780.6	1719.4
67°	2100.0	2100.3	2083.0	2044.5	2001.8	1947.6	1880.5	1815.4	1744.6	1678.9	1606.1
67.5°	2088.4	2087.3	2063.2	2021.0	1974.8	1919.1	1849.4	1782.0	1708.6	1642.3	1567.0
70°	1957.0	1941.1	1886.7	1819.4	1755.1	1679.7	1606.6	1529.3	1446.6	1389.7	1303.1
72.5°	1608.1	1554.5	1460.8	1390.2	1321.5	1222.9	1177.3	1081.3	1023.3	987.0	921.6
75°	931.2	886.4	814.0	748.0	714.5	656.2	628.5	558.0	543.2	542.6	520.0
77.5°	355.4	310.1	263.4	212.1	180.4	143.3	126.3	113.0	102.8	109.9	99.7
80°	266.5	219.2	171.3	124.7	88.9	65.7	56.4	52.1	49.6	47.5	46.1
82.5°	198.5	156.7	121.5	79.3	55.5	42.0	36.3	34.0	32.8	30.9	29.2
85°	67.2	53.8	42.5	29.5	23.3	19.0	17.6	17.0	16.2	14.7	13.9
87.5°	3.7	3.4	3.7	2.8	3.4	2.8	3.1	3.1	3.1	2.8	2.8
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°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8
2.5°	282.9	282.9	282.9	282.3	281.5	279.8	278.1	276.7	275.3	274.4	273.9
5°	287.2	286.6	286.3	286.0	284.1	280.7	277.6	274.7	271.9	269.6	268.7
7.5°	294.8	293.7	293.4	292.6	290.0	284.9	280.4	275.8	271.9	268.7	267.4
10°	306.4	306.4	304.7	303.6	300.7	294.0	287.4	281.5	276.1	272.7	271.9
12.5°	321.1	321.1	319.7	318.9	315.5	306.7	298.8	291.7	286.6	283.3	282.9
15°	336.5	336.2	335.1	333.9	330.2	320.8	312.9	306.7	302.5	298.5	297.4
17.5°	350.0	350.0	348.7	347.5	343.8	335.9	328.8	324.3	319.4	311.3	305.0
20°	363.6	363.9	362.8	361.7	358.5	351.7	348.7	344.1	333.3	315.5	300.7
22.5°	378.6	379.8	378.3	377.2	374.7	371.8	370.7	360.0	337.3	308.7	287.2
25°	398.0	399.9	398.2	397.6	396.2	397.0	393.7	368.7	331.6	294.0	267.1
27.5°	424.3	424.3	424.6	424.6	424.0	427.1	414.6	369.0	319.2	275.0	243.0
30°	455.2	456.8	456.3	456.3	458.5	460.5	426.2	362.8	303.4	251.5	213.6
32.5°	492.2	493.7	494.2	491.6	500.7	490.5	430.5	351.4	283.8	222.3	178.4
35°	536.9	539.0	540.4	540.7	546.6	516.6	428.2	334.8	255.7	185.8	139.9
37.5°	595.4	599.3	602.4	603.8	604.1	538.7	422.0	312.7	219.2	145.0	104.2
40°	672.9	677.1	676.3	679.2	663.0	551.7	407.8	280.7	173.9	106.5	80.5
42.5°	747.6	748.3	749.4	746.8	714.0	558.5	388.0	241.6	130.2	79.6	68.8
45°	831.3	826.4	821.0	817.0	761.0	561.0	360.8	194.0	92.0	66.9	63.7
47.5°	909.7	903.2	892.1	880.7	802.9	557.1	326.0	145.3	70.0	61.2	60.3
50°	986.7	974.5	959.0	946.0	843.1	551.2	287.4	104.7	61.2	58.3	57.5
52.5°	1082.1	1061.8	1041.4	1024.4	895.5	541.8	247.0	79.6	57.5	56.1	55.0
55°	1213.0	1184.7	1151.8	1128.0	966.6	527.6	204.5	67.4	55.8	54.7	52.9
57.5°	1394.2	1351.7	1314.7	1275.8	1063.7	513.2	167.9	62.6	55.5	53.8	51.5
60°	1579.5	1528.5	1481.2	1425.7	1162.9	498.7	142.4	62.0	56.4	53.8	50.4
62.5°	1675.7	1623.1	1566.1	1509.8	1205.6	464.7	124.9	62.9	58.3	54.7	50.4
65°	1653.7	1589.4	1531.6	1474.1	1156.1	400.5	105.7	64.0	62.3	58.0	51.3
67°	1542.6	1475.5	1420.0	1365.0	1045.6	335.4	90.6	65.1	66.5	62.0	52.9
67.5°	1503.5	1436.5	1381.8	1328.3	1013.0	321.8	87.0	65.7	67.4	63.2	53.5
70°	1246.7	1197.4	1139.4	1098.1	820.2	238.1	71.3	66.9	72.5	69.7	56.1
72.5°	897.2	850.2	806.6	783.6	604.1	166.5	60.0	65.7	75.6	73.4	57.2
75°	476.9	474.0	458.2	469.6	373.9	108.7	52.9	61.5	72.2	67.2	53.2
77.5°	96.3	99.2	116.4	114.7	120.7	60.7	45.3	52.7	55.8	49.3	43.3
80°	44.7	43.9	43.1	43.6	42.8	38.8	36.8	41.3	38.8	31.7	28.9
82.5°	27.7	27.2	26.3	26.0	28.9	30.9	32.3	32.6	25.8	22.0	21.2
85°	13.3	13.3	13.0	13.6	17.0	25.2	27.2	24.1	17.3	15.8	15.0
87.5°	2.5	2.5	2.8	2.5	3.4	6.0	6.8	7.9	6.5	6.8	7.6
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°	281.8	281.8	281.8
2.5°	273.3	272.7	272.7
5°	267.6	267.4	267.4
7.5°	266.2	266.5	266.2
10°	271.6	271.4	272.5
12.5°	283.5	284.4	284.1
15°	296.0	296.6	296.6
17.5°	299.6	297.7	297.4
20°	290.0	286.3	285.5
22.5°	271.9	265.1	265.4
25°	248.9	240.7	241.3
27.5°	222.3	213.6	213.3
30°	190.3	180.7	175.9
32.5°	151.8	140.2	140.2
35°	114.1	104.7	101.4
37.5°	86.7	81.3	79.6
40°	72.2	69.7	69.1
42.5°	65.7	64.8	64.6
45°	62.3	61.8	61.5
47.5°	59.2	58.9	58.6
50°	56.9	56.7	56.4
52.5°	55.0	54.4	54.0
55°	52.1	52.1	52.1
57.5°	50.4	50.4	50.1
60°	48.7	48.5	48.5
62.5°	47.3	46.7	47.0
65°	46.4	45.6	45.6
67°	45.9	44.2	44.2
67.5°	45.9	43.6	43.6
70°	45.0	41.3	40.7
72.5°	44.2	38.8	38.0
75°	42.0	36.8	36.0
77.5°	36.0	32.8	32.3
80°	27.7	24.1	24.7
82.5°	20.1	17.3	17.0
85°	14.4	12.5	12.5
87.5°	7.6	6.5	6.8
90°	0.0	0.0	0.0

(END OF REPORT)