

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: P181389

Luminaire Tested: **ICS-E02-LED-E1-T3-HSS**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181389
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33724)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICS-E02-LED-E1-T3-HSS
Description: ICON SITE SMALL LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ HOUSE SIDE SHIELD
Light Source: (42) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2934.7 lumens
Efficiency: N/A
Efficacy: 56.3 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

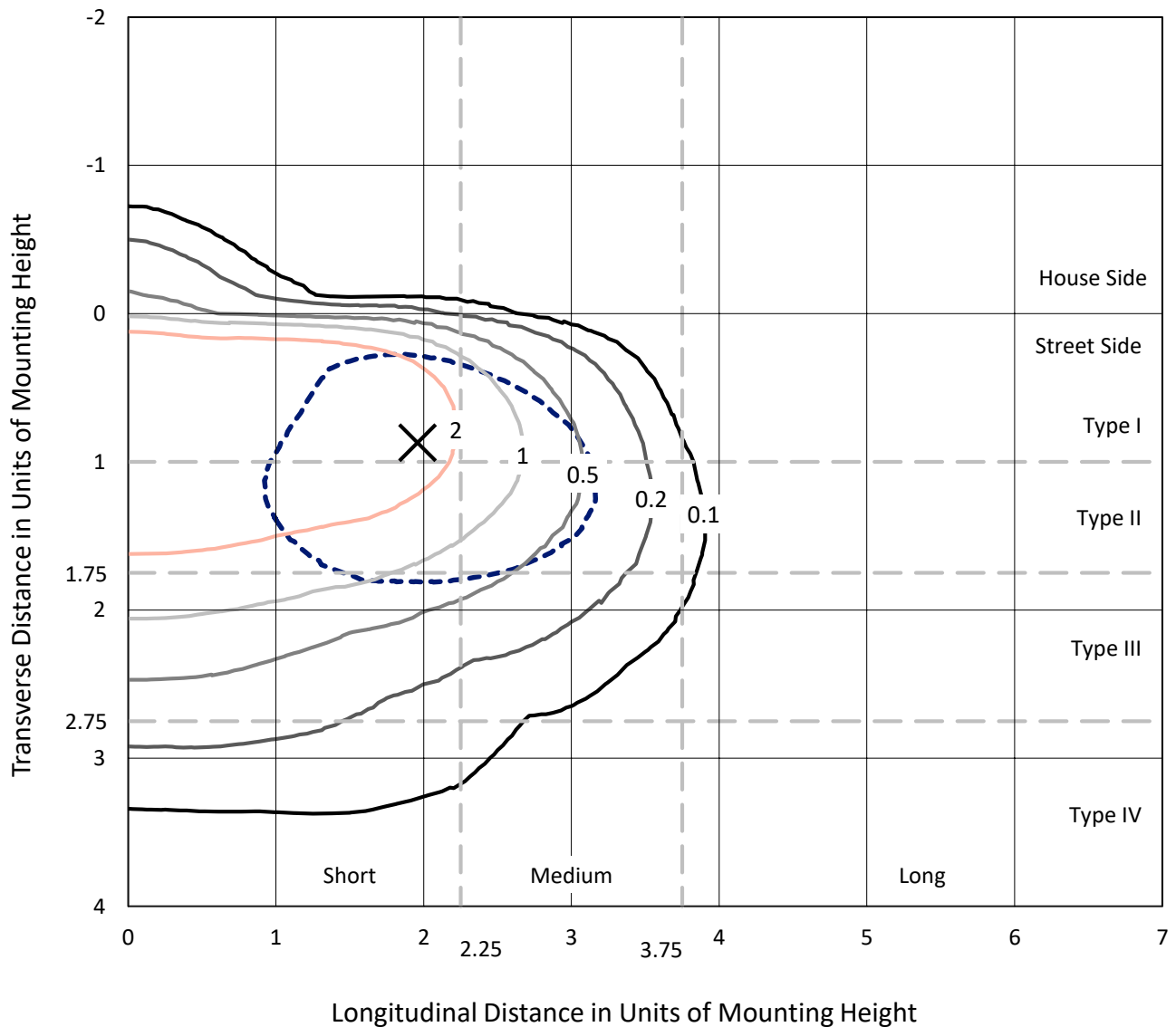
Input Watts (W): 52.1
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

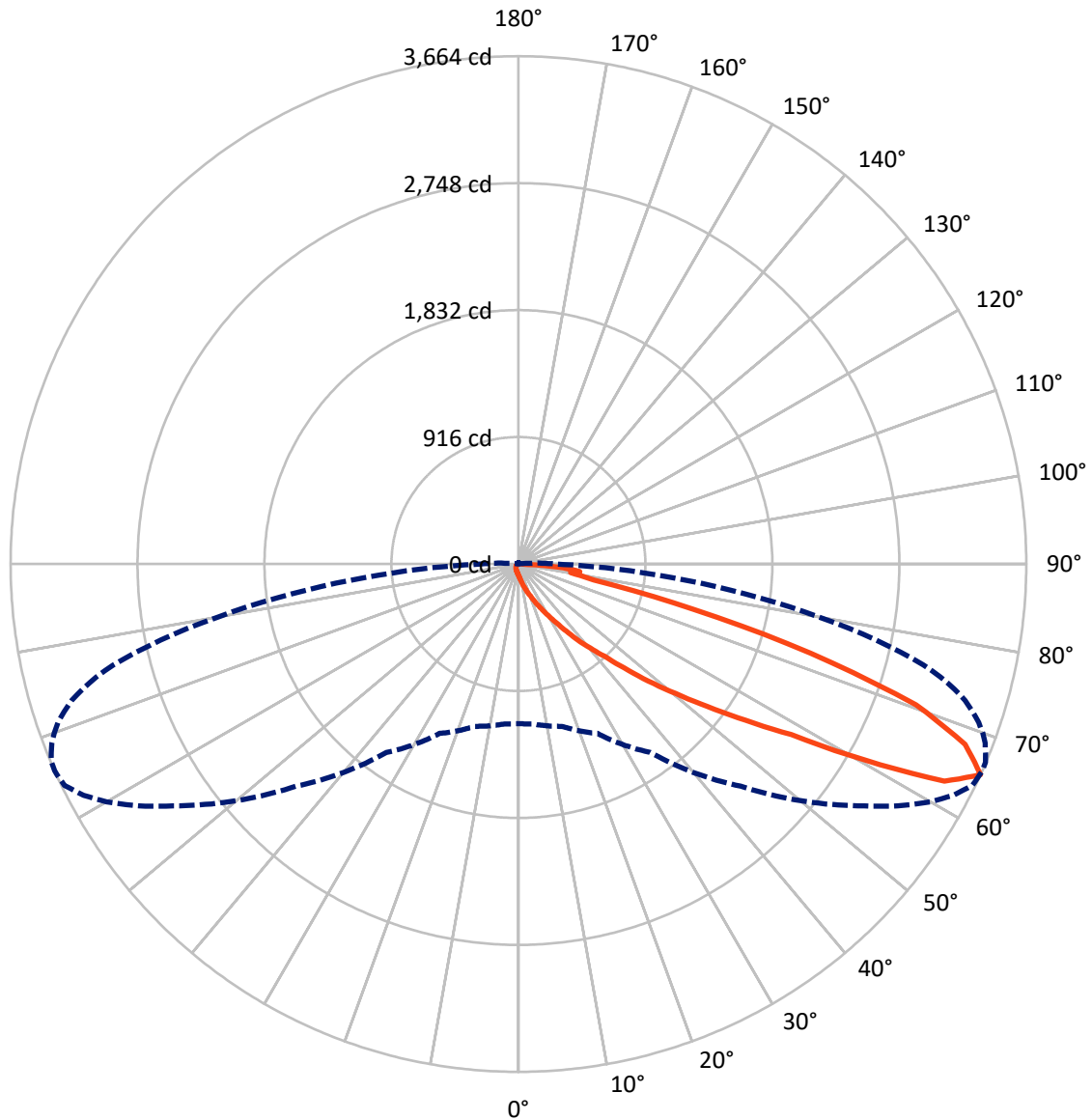
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.3 fc
 Type III - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 66-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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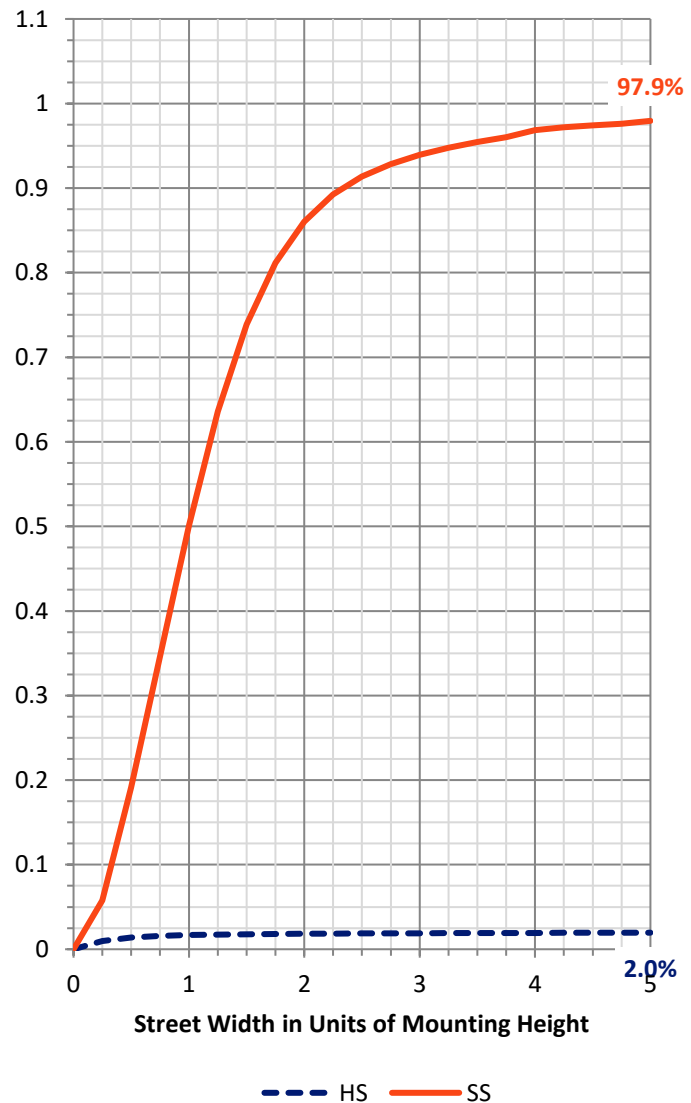
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	58.9	0.0	58.9
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	2875.8	0.0	2875.8
	% Fixture	98.0	0.0	98.0
Total	Lumens	2934.7	0.0	2934.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.0	0.3
10°-20°	47.7	1.6
20°-30°	109.0	3.7
30°-40°	207.4	7.1
40°-50°	416.3	14.2
50°-60°	736.5	25.1
60°-70°	962.3	32.8
70°-80°	395.7	13.5
80°-90°	49.8	1.7
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°	2934.7	100.0
0°-180°	2934.7	100.0



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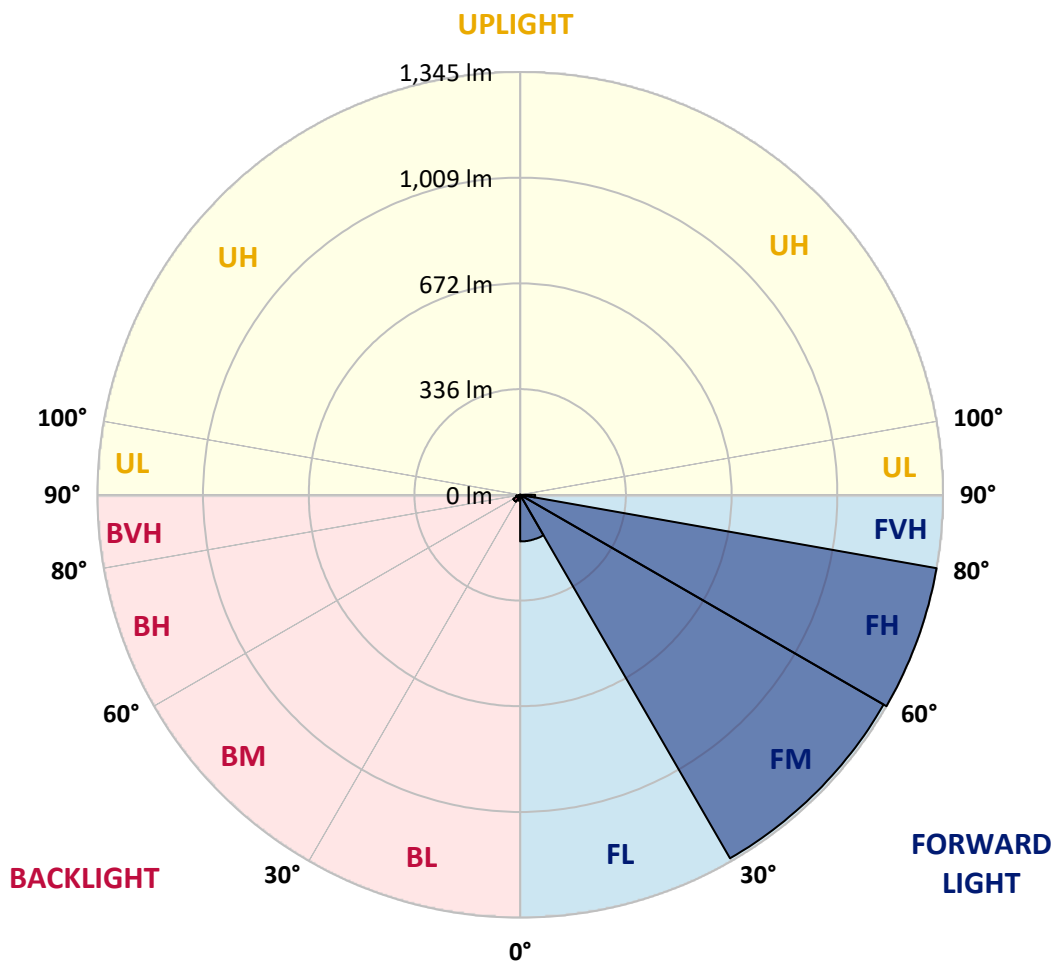
CATALOG NUMBER: ICS-E02-LED-E1-T3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	148.3	5.1			
FM	(30°-60°)	1334.9	45.5			
FH	(60°-80°)	1345.0	45.8			G1/1800
FVH	(80°-90°)	47.6	1.6			G1/100
BL	(0°-30°)	18.4	0.6	B0/110		
BM	(30°-60°)	25.2	0.9	B0/220		
BH	(60°-80°)	13.0	0.4	B0/110		G0/110
BVH	(80°-90°)	2.2	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
2.5°	108.0	106.2	106.8	103.2	100.8	97.8	95.4	94.8	94.2	93.0	93.6
5°	155.4	153.6	149.4	142.2	135.6	125.4	115.2	114.6	112.8	111.0	109.8
7.5°	216.0	213.0	208.2	196.2	180.0	162.0	141.6	139.8	137.4	135.0	132.6
10°	286.2	284.4	275.4	261.6	237.0	207.6	173.4	171.6	166.2	163.2	160.8
12.5°	360.0	352.2	348.6	324.6	296.4	256.2	212.4	205.8	201.6	197.4	191.4
15°	415.8	417.0	408.6	389.4	356.4	309.6	255.0	247.8	241.8	234.0	226.8
17.5°	466.2	463.8	454.8	442.8	411.6	364.2	300.6	291.0	281.4	277.2	267.0
20°	507.0	505.8	498.6	487.2	463.2	417.6	348.6	340.8	330.0	322.8	311.4
22.5°	539.4	539.4	535.2	528.6	505.2	468.6	399.6	391.2	380.4	371.4	358.8
25°	565.2	564.6	565.2	562.2	546.6	513.0	451.8	442.2	433.2	422.4	410.4
27.5°	594.6	595.8	594.6	592.8	586.2	559.2	504.6	498.0	487.8	476.4	464.4
30°	640.2	636.6	636.0	634.8	627.0	610.2	559.2	551.4	543.6	535.8	527.4
32.5°	688.2	682.2	680.4	680.4	675.0	660.0	622.2	618.0	606.6	600.6	593.4
35°	742.8	740.4	738.0	738.6	736.2	720.6	689.4	690.6	687.0	675.0	667.8
37.5°	822.6	823.2	819.0	811.2	811.2	797.4	779.4	777.0	768.0	765.0	760.8
40°	936.7	933.7	930.1	918.6	914.4	891.0	874.2	868.2	861.0	860.4	855.6
42.5°	1068.7	1065.1	1065.1	1056.7	1048.3	1020.1	988.3	984.1	976.3	978.7	976.9
45°	1191.1	1194.1	1198.3	1204.3	1205.5	1193.5	1147.3	1141.9	1137.7	1135.3	1133.5
47.5°	1296.7	1302.1	1315.9	1341.7	1374.7	1378.9	1342.3	1327.9	1324.9	1320.7	1317.1
50°	1372.3	1380.1	1411.3	1461.7	1525.9	1565.5	1545.7	1533.7	1533.1	1521.7	1520.5
52.5°	1415.5	1423.9	1474.9	1551.1	1650.7	1728.1	1752.7	1752.1	1750.9	1740.7	1736.5
55°	1425.1	1434.1	1495.3	1599.1	1741.3	1875.1	1969.3	1971.7	1977.1	1974.1	1974.1
57.5°	1398.7	1410.1	1476.7	1605.1	1788.7	1991.5	2197.3	2211.1	2217.7	2241.1	2268.1
60°	1350.1	1358.5	1425.1	1568.5	1797.1	2097.7	2493.7	2537.5	2571.7	2617.9	2661.7
62.5°	1260.1	1276.9	1340.5	1496.5	1771.9	2220.1	2847.8	2928.8	2995.4	3065.6	3150.2
65°	1150.9	1158.1	1212.1	1348.3	1659.1	2266.9	3043.4	3122.6	3207.8	3282.8	3358.4
67.5°	1014.1	1020.1	1066.9	1125.1	1369.3	2047.9	2850.8	2938.4	3015.2	3077.0	3176.0
70°	664.2	677.4	792.0	849.6	957.1	1513.9	2331.1	2415.7	2474.5	2516.5	2631.1
72.5°	486.6	495.0	541.2	660.0	686.4	894.6	1640.5	1732.3	1753.9	1833.1	1886.5
75°	297.0	318.0	422.4	565.2	669.0	612.6	982.9	1027.3	1077.1	1134.7	1185.7
77.5°	60.0	68.4	138.0	389.4	588.6	654.6	586.8	595.2	619.8	625.2	644.4
80°	9.6	10.2	18.0	168.0	340.8	529.2	586.8	579.0	565.2	555.6	546.0
82.5°	4.2	4.8	7.8	42.6	72.6	176.4	507.6	547.2	592.8	618.0	624.6
85°	1.8	1.8	3.0	8.4	10.8	12.0	85.8	113.4	202.2	268.8	309.6
87.5°	1.2	1.2	1.8	1.8	2.4	3.0	4.2	4.2	4.8	5.4	7.8
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
2.5°	93.6	93.0	93.0	91.2	91.2	90.6	90.6	90.0	90.0	88.8	89.4
5°	109.2	108.0	106.8	105.0	104.4	103.2	102.0	100.2	99.6	98.4	97.8
7.5°	130.2	129.0	126.6	123.0	120.6	118.2	115.8	113.4	111.6	109.8	108.6
10°	156.0	152.4	151.2	144.0	141.0	136.2	133.2	130.8	127.2	124.2	122.4
12.5°	187.2	184.2	178.2	168.6	163.8	159.6	154.2	149.4	145.8	140.4	136.8
15°	219.6	217.2	208.8	198.0	192.0	184.2	178.8	174.0	166.2	162.6	156.0
17.5°	260.4	253.2	244.8	229.2	221.4	214.8	205.2	198.0	193.2	182.4	176.4
20°	302.4	294.6	283.8	266.4	255.6	245.4	237.6	228.0	217.8	210.6	200.4
22.5°	350.4	337.8	329.4	307.8	295.2	284.4	271.2	261.0	250.8	239.4	228.0
25°	401.4	388.8	378.6	354.0	340.8	330.0	314.4	300.0	287.4	274.8	261.6
27.5°	454.8	443.4	432.0	406.8	395.4	380.4	366.0	349.2	333.0	321.6	303.6
30°	516.6	507.0	494.4	467.4	454.8	439.2	424.2	404.4	388.8	373.2	355.8
32.5°	583.2	575.4	562.2	538.2	523.2	510.0	493.8	474.6	452.4	436.2	415.8
35°	664.2	651.0	643.2	620.4	609.0	594.6	577.8	561.0	537.6	514.8	497.4
37.5°	756.6	750.6	740.4	718.8	710.4	695.4	684.6	667.8	649.8	621.0	602.4
40°	851.4	847.2	838.2	816.6	808.2	798.0	785.4	769.2	747.6	732.6	705.0
42.5°	972.1	965.5	958.3	937.9	921.7	909.0	903.6	889.8	867.0	847.8	826.2
45°	1125.1	1122.1	1112.5	1092.1	1075.9	1067.5	1059.1	1035.7	1020.7	1001.5	986.5
47.5°	1309.9	1300.3	1295.5	1272.7	1267.3	1260.7	1239.1	1225.9	1204.3	1189.3	1170.7
50°	1509.7	1499.5	1500.1	1472.5	1473.7	1468.9	1452.7	1437.1	1418.5	1405.3	1393.9
52.5°	1724.5	1729.3	1717.3	1725.7	1716.1	1705.3	1702.3	1683.1	1666.9	1666.3	1650.7
55°	1988.5	1980.7	1983.7	1992.1	1978.9	1990.9	1984.9	1960.3	1960.9	1965.7	1947.7
57.5°	2272.3	2283.7	2308.3	2313.7	2336.5	2320.9	2361.7	2332.3	2350.3	2350.3	2338.3
60°	2688.7	2734.3	2793.8	2840.0	2882.6	2868.8	2922.2	2888.6	2912.6	2892.2	2882.0
62.5°	3190.4	3251.0	3321.2	3396.2	3439.4	3450.2	3442.4	3457.4	3434.0	3419.0	3380.0
65°	3431.6	3491.6	3552.8	3642.8	3654.8	3663.8	3660.2	3635.0	3606.2	3563.6	3512.6
67.5°	3231.2	3315.2	3349.4	3453.2	3488.0	3475.4	3479.6	3447.2	3402.2	3360.2	3285.2
70°	2679.1	2775.2	2793.2	2942.0	2983.4	3043.4	3021.8	3012.2	2963.0	2927.6	2844.8
72.5°	1950.7	2025.7	2019.7	2187.1	2179.9	2204.5	2262.7	2260.3	2208.7	2197.3	2127.7
75°	1200.7	1245.7	1243.3	1362.1	1312.3	1305.1	1321.3	1314.1	1265.5	1215.1	1171.9
77.5°	636.0	656.4	634.8	599.4	595.8	555.6	544.2	543.6	506.4	460.8	427.2
80°	535.8	514.8	489.6	438.0	408.0	381.0	355.8	332.4	307.2	273.6	232.8
82.5°	625.8	615.6	597.6	532.8	501.6	447.6	407.4	369.6	323.4	288.6	236.4
85°	304.8	304.2	318.6	312.0	300.6	298.2	258.6	250.2	231.6	212.4	177.6
87.5°	8.4	6.0	7.2	6.0	7.2	7.8	5.4	12.6	7.8	7.2	8.4
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
2.5°	88.8	88.2	87.6	87.6	87.0	87.0	86.4	85.8	85.8	85.2	85.2
5°	96.6	95.4	94.8	94.2	93.0	92.4	91.2	90.6	89.4	88.8	87.6
7.5°	106.2	105.0	102.6	101.4	99.6	99.0	96.0	94.8	93.6	92.4	90.6
10°	118.2	115.2	112.8	110.4	107.4	105.0	102.6	100.8	98.4	95.4	94.2
12.5°	133.2	129.0	125.4	121.2	117.6	114.0	109.8	106.8	103.2	100.2	97.2
15°	150.0	144.0	139.2	133.2	127.2	123.0	118.8	114.6	109.8	105.6	102.0
17.5°	169.2	161.4	154.8	147.6	141.0	135.0	127.8	122.4	117.0	111.0	106.2
20°	189.6	181.8	172.8	165.0	155.4	148.8	139.8	132.6	124.8	118.8	112.2
22.5°	216.6	206.4	195.0	184.2	174.0	163.8	154.2	145.2	135.6	126.6	120.0
25°	248.4	235.8	221.4	210.6	196.2	184.8	172.8	161.4	151.2	139.8	129.0
27.5°	288.0	271.2	255.6	240.6	225.0	210.6	195.0	181.8	168.0	154.8	142.8
30°	334.2	318.0	294.6	277.8	262.2	242.4	226.8	209.4	193.8	174.6	161.4
32.5°	395.4	374.4	349.8	327.6	307.2	285.0	263.4	241.2	220.8	203.4	183.6
35°	475.2	450.6	421.2	393.0	370.2	343.2	315.6	290.4	267.0	241.8	217.2
37.5°	576.0	553.2	521.4	487.2	456.6	424.2	395.4	360.0	328.8	298.2	267.0
40°	676.2	655.2	622.2	585.6	546.0	508.8	472.2	432.0	392.4	354.0	321.6
42.5°	799.8	768.6	733.2	691.8	653.4	609.0	563.4	517.2	469.8	423.6	377.4
45°	955.3	931.3	881.4	837.0	791.4	739.2	682.8	630.0	569.4	514.8	453.6
47.5°	1144.3	1101.1	1064.5	1023.7	966.7	916.2	844.2	781.8	706.2	633.6	560.4
50°	1367.5	1343.5	1294.9	1243.9	1182.1	1122.1	1051.9	961.9	871.2	793.8	693.6
52.5°	1628.5	1594.3	1563.7	1510.9	1447.9	1371.1	1291.3	1193.5	1082.5	973.3	866.4
55°	1938.1	1914.1	1884.7	1842.7	1762.3	1675.3	1579.3	1462.3	1330.9	1183.9	1059.7
57.5°	2337.7	2312.5	2284.3	2197.9	2143.3	2036.5	1897.3	1776.1	1634.5	1446.1	1291.9
60°	2883.2	2849.0	2809.4	2739.1	2625.1	2486.5	2337.1	2157.7	1984.3	1778.5	1576.3
62.5°	3349.4	3294.8	3210.2	3119.6	2982.8	2823.8	2635.9	2424.7	2227.3	1995.7	1770.7
65°	3445.4	3370.4	3270.8	3152.6	3011.6	2832.2	2635.9	2433.7	2201.5	1983.7	1757.5
67.5°	3195.8	3108.8	3006.8	2874.8	2740.3	2555.5	2386.3	2180.5	1962.1	1773.7	1571.5
70°	2785.4	2656.3	2551.9	2411.5	2275.3	2130.1	1951.9	1797.7	1620.1	1446.7	1291.9
72.5°	2091.7	1964.5	1869.7	1757.5	1676.5	1522.9	1392.1	1276.9	1171.9	1042.3	927.7
75°	1127.5	1032.1	968.5	917.4	844.8	743.4	681.0	601.8	557.4	503.4	451.2
77.5°	367.8	324.0	276.6	230.4	198.0	148.8	144.0	114.6	108.0	105.0	81.0
80°	188.4	145.2	105.0	75.6	57.6	51.0	48.6	46.2	43.8	42.0	39.0
82.5°	189.0	136.8	94.2	65.4	47.4	39.6	37.2	36.0	34.2	32.4	30.0
85°	138.0	102.0	70.2	48.0	33.0	26.4	25.2	23.4	22.2	21.6	19.2
87.5°	9.0	6.6	6.0	5.4	5.4	5.4	6.0	5.4	6.0	6.0	5.4
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
2.5°	84.6	84.0	84.0	83.4	82.8	82.8	82.2	82.2	80.4	77.4	75.0
5°	87.0	85.8	85.2	84.6	84.0	82.8	82.2	81.6	78.6	72.6	67.8
7.5°	88.8	87.6	87.0	85.8	84.0	83.4	82.2	81.0	76.2	67.8	62.4
10°	91.8	90.0	88.2	86.4	84.6	83.4	81.6	80.4	73.2	63.6	58.2
12.5°	94.8	92.4	90.0	87.0	85.2	83.4	81.6	79.2	70.8	60.0	54.0
15°	98.4	94.8	91.8	88.8	85.8	83.4	80.4	78.6	68.4	57.0	51.6
17.5°	102.0	97.8	93.6	89.4	86.4	82.8	80.4	77.4	66.0	54.6	48.6
20°	106.2	100.2	96.0	91.2	87.0	82.8	79.2	76.2	63.6	51.6	45.6
22.5°	112.2	105.0	98.4	93.0	87.6	83.4	79.2	75.0	61.2	49.2	43.2
25°	120.0	111.0	103.2	96.6	90.0	84.6	79.8	75.6	59.4	47.4	40.2
27.5°	131.4	120.0	111.6	102.6	94.2	87.6	81.6	76.8	58.2	45.6	38.4
30°	145.2	133.8	120.6	109.8	100.8	91.8	85.2	78.0	57.0	43.8	36.0
32.5°	165.6	149.4	133.8	120.6	108.0	97.8	88.2	81.0	56.4	40.8	33.6
35°	195.0	172.8	154.2	136.8	119.4	106.8	95.4	85.8	55.8	38.4	31.2
37.5°	237.0	210.6	186.6	162.0	140.4	122.4	106.8	94.2	55.8	36.6	28.8
40°	282.0	247.8	217.2	186.6	159.0	136.2	115.2	99.6	54.6	34.2	26.4
42.5°	333.0	291.0	249.0	211.2	177.0	147.6	123.0	103.8	51.6	31.8	24.0
45°	401.4	346.2	295.8	247.2	202.8	164.4	133.2	108.6	48.6	30.0	21.6
47.5°	487.2	423.0	357.6	296.4	238.2	189.6	148.2	116.4	46.8	27.6	19.8
50°	615.0	523.8	437.4	359.4	285.6	222.0	170.4	127.8	45.0	25.8	18.0
52.5°	755.4	643.2	541.8	441.6	349.8	265.8	196.2	142.8	43.2	24.0	16.2
55°	926.5	788.4	664.8	534.6	417.0	316.8	228.0	159.6	40.8	22.2	15.0
57.5°	1137.7	963.1	816.6	657.6	510.0	382.8	270.6	187.8	38.4	19.8	13.2
60°	1373.5	1176.1	991.9	805.2	626.4	470.4	333.6	228.0	36.0	17.4	11.4
62.5°	1543.3	1326.7	1116.1	906.6	710.4	535.8	384.6	259.2	32.4	15.0	10.2
65°	1541.5	1321.9	1110.1	903.6	712.8	538.2	386.4	265.2	28.8	13.2	9.0
67.5°	1373.5	1188.7	999.7	814.2	647.4	489.6	357.6	246.0	24.6	12.0	7.8
70°	1129.9	982.9	833.4	686.4	552.6	419.4	309.0	214.2	21.0	10.8	6.6
72.5°	825.0	717.6	626.4	522.6	431.4	331.2	246.6	168.0	16.8	9.0	6.0
75°	409.8	366.6	314.4	282.0	240.6	196.8	153.0	97.8	13.8	7.2	5.4
77.5°	78.0	69.6	66.6	57.6	52.8	46.8	41.4	29.4	10.8	5.4	4.8
80°	36.0	33.0	30.0	27.0	24.0	20.4	18.0	15.6	8.4	4.2	5.4
82.5°	28.2	25.8	22.8	20.4	18.0	15.6	13.2	11.4	5.4	3.6	5.4
85°	18.6	16.2	14.4	12.6	10.8	9.6	8.4	7.2	3.6	3.6	3.6
87.5°	5.4	5.4	4.8	4.8	4.2	4.2	3.6	3.6	3.0	3.0	3.0
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):

	125°	135°	145°	155°	165°	175°	180°
0°	81.6	81.6	81.6	81.6	81.6	81.6	81.6
2.5°	72.6	69.6	68.4	67.8	67.8	68.4	67.8
5°	64.2	61.2	60.0	58.8	58.8	58.8	59.4
7.5°	58.8	55.8	54.0	53.4	52.8	53.4	53.4
10°	54.0	51.6	49.2	48.0	48.0	48.0	48.0
12.5°	50.4	47.4	45.0	44.4	43.8	43.8	43.8
15°	47.4	43.8	42.0	40.8	40.2	40.2	40.8
17.5°	43.8	40.8	38.4	37.8	37.8	37.8	37.8
20°	41.4	37.8	36.0	34.8	34.8	34.8	34.8
22.5°	38.4	35.4	33.0	31.8	31.8	31.8	31.8
25°	36.0	33.0	30.6	29.4	29.4	29.4	29.4
27.5°	33.6	30.6	28.2	27.0	27.0	27.0	27.0
30°	31.2	28.2	25.8	24.6	24.6	24.6	24.6
32.5°	29.4	25.8	23.4	22.2	22.2	22.8	22.2
35°	26.4	23.4	21.0	19.8	19.8	19.8	19.8
37.5°	24.0	21.0	18.6	17.4	17.4	17.4	16.8
40°	22.2	18.6	16.2	15.0	14.4	14.4	14.4
42.5°	19.2	15.6	13.8	12.6	12.0	12.0	12.0
45°	17.4	13.8	11.4	10.2	10.2	10.2	10.2
47.5°	15.6	12.0	9.6	8.4	8.4	9.0	9.0
50°	13.8	10.2	7.8	7.8	7.8	8.4	8.4
52.5°	12.0	9.0	7.2	7.2	7.8	8.4	8.4
55°	10.8	7.8	6.6	7.2	7.8	8.4	8.4
57.5°	9.6	6.6	6.6	7.2	7.8	8.4	8.4
60°	8.4	6.0	6.0	6.6	7.8	8.4	8.4
62.5°	7.2	6.0	6.0	6.6	7.8	8.4	8.4
65°	6.6	6.0	6.0	6.6	7.8	8.4	8.4
67.5°	6.0	5.4	6.0	6.6	7.2	7.8	7.8
70°	5.4	5.4	6.0	6.6	7.2	7.8	7.8
72.5°	5.4	5.4	5.4	6.0	6.6	7.2	7.2
75°	5.4	5.4	5.4	6.0	6.6	7.2	7.2
77.5°	5.4	4.8	4.8	5.4	6.6	7.2	7.2
80°	5.4	4.8	4.8	5.4	6.0	7.2	7.2
82.5°	4.2	4.2	4.8	5.4	6.0	6.6	6.6
85°	3.6	4.2	4.2	4.8	5.4	6.6	6.6
87.5°	3.0	3.0	3.6	4.2	4.8	5.4	5.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)