

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: P181394

Luminaire Tested: **ICS-F02-LED-E1-T3-HSS**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181394
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-F02-LED-E1-T3-HSS
Description: ICON SITE SMALL LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ HOUSE SIDE SHIELD
Light Source: (14) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2422.7 lumens
Efficiency: N/A
Efficacy: 44.0 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

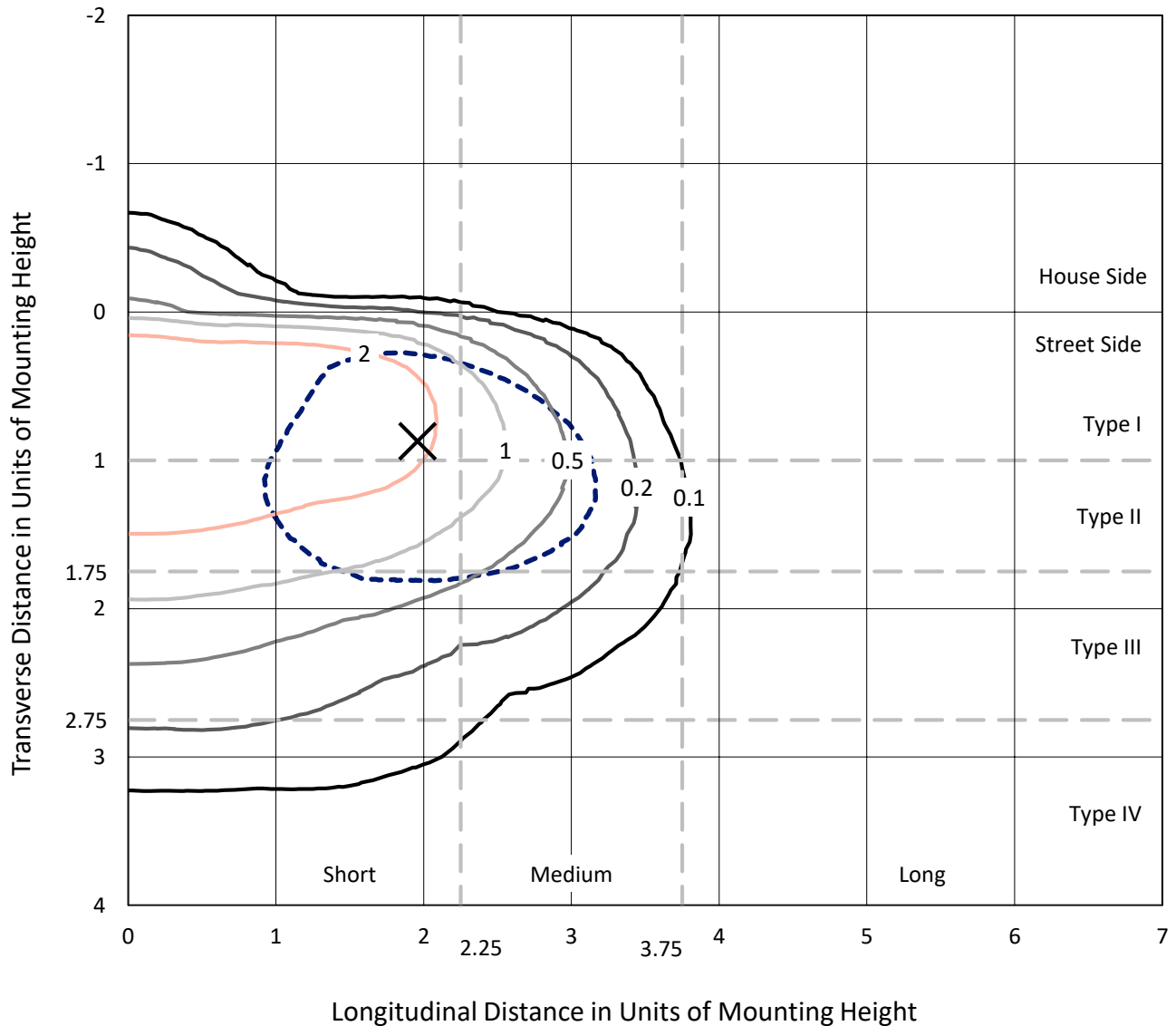
Input Watts (W): 55
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

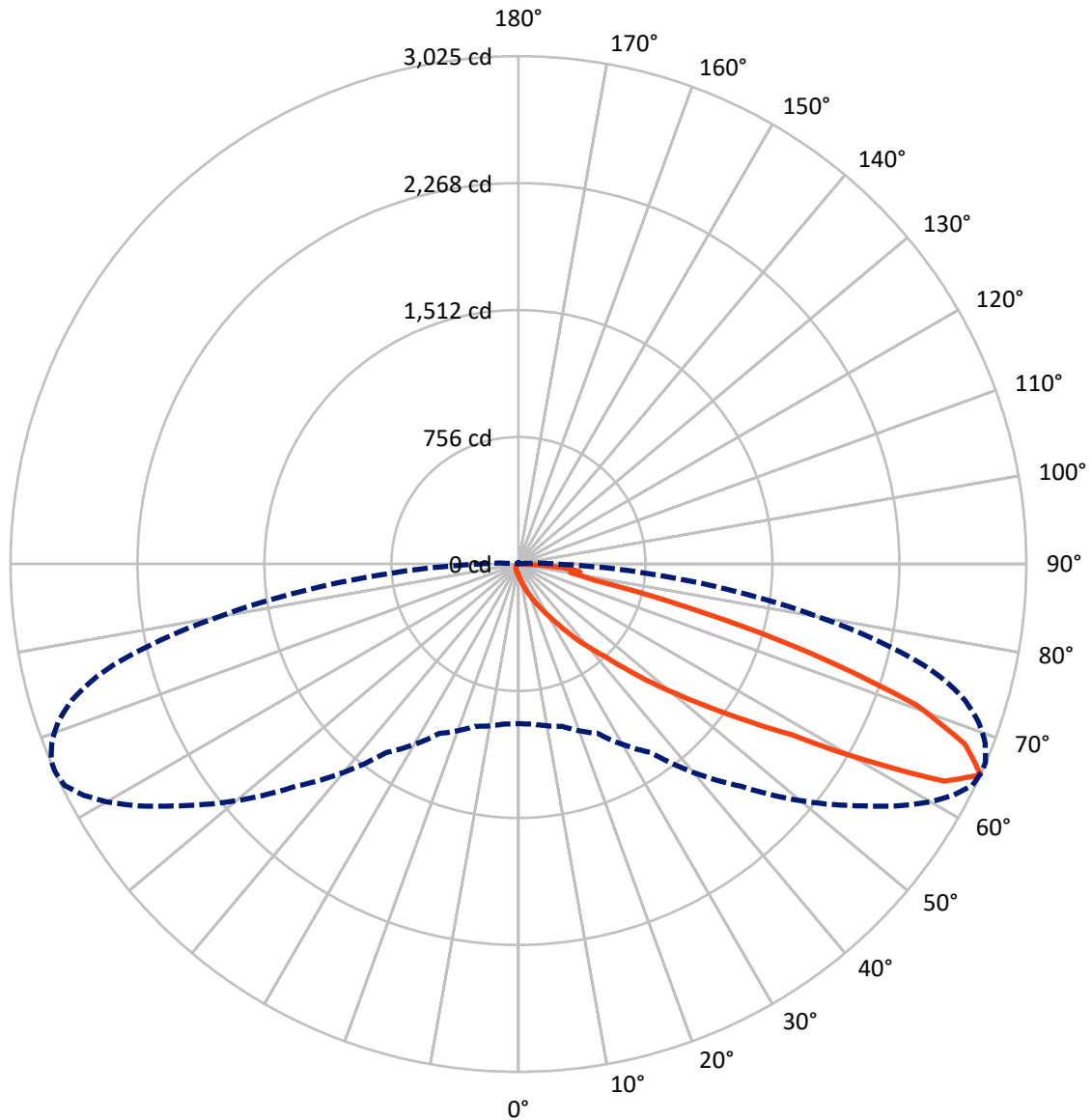


Based on 10 foot mounting height. Maximum calculated value = 3.5 fc
 Type III - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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

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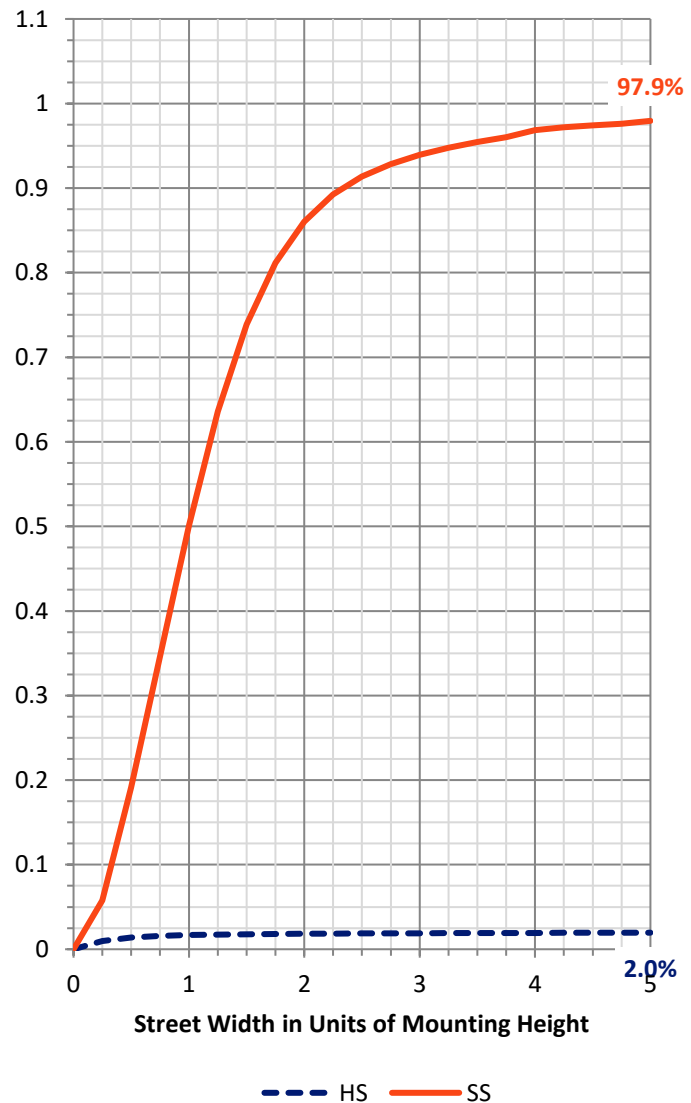
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	48.6	0.0	48.6
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	2374.1	0.0	2374.1
	% Fixture	98.0	0.0	98.0
Total	Lumens	2422.7	0.0	2422.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.2	0.3
10°-20°	39.4	1.6
20°-30°	90.0	3.7
30°-40°	171.2	7.1
40°-50°	343.6	14.2
50°-60°	608.0	25.1
60°-70°	794.4	32.8
70°-80°	326.6	13.5
80°-90°	41.2	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°	2422.7	100.0
0°-180°	2422.7	100.0

Coefficient of Utilization



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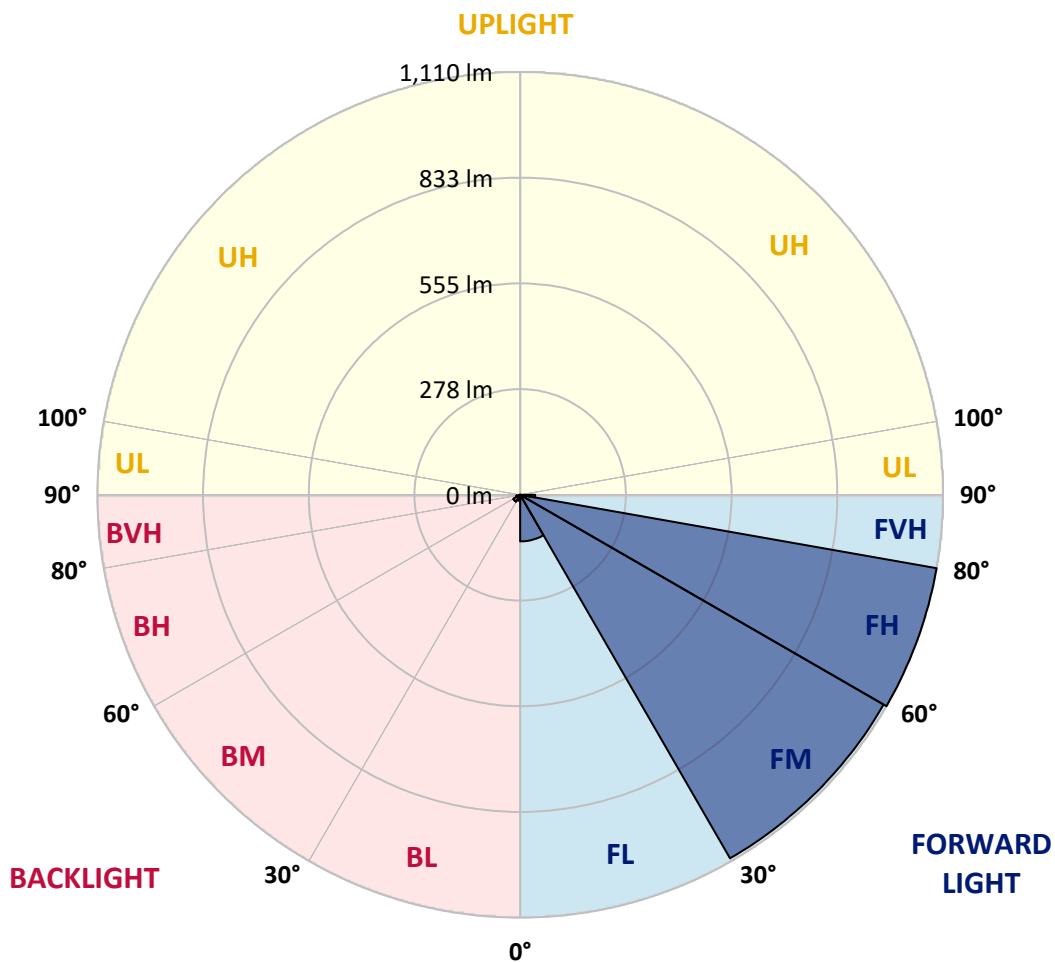
CATALOG NUMBER: ICS-F02-LED-E1-T3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	122.4	5.1			
FM	(30°-60°)	1102.0	45.5			
FH	(60°-80°)	1110.3	45.8			G1/1800
FVH	(80°-90°)	39.3	1.6			G1/100
BL	(0°-30°)	15.2	0.6	B0/110		
BM	(30°-60°)	20.8	0.9	B0/220		
BH	(60°-80°)	10.8	0.4	B0/110		G0/110
BVH	(80°-90°)	1.9	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°	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
2.5°	89.2	87.7	88.2	85.2	83.2	80.7	78.8	78.3	77.8	76.8	77.3
5°	128.3	126.8	123.3	117.4	111.9	103.5	95.1	94.6	93.1	91.6	90.6
7.5°	178.3	175.8	171.9	162.0	148.6	133.7	116.9	115.4	113.4	111.5	109.5
10°	236.3	234.8	227.4	216.0	195.7	171.4	143.2	141.7	137.2	134.7	132.8
12.5°	297.2	290.8	287.8	268.0	244.7	211.5	175.4	169.9	166.4	163.0	158.0
15°	343.3	344.3	337.3	321.5	294.2	255.6	210.5	204.6	199.6	193.2	187.2
17.5°	384.9	382.9	375.5	365.6	339.8	300.7	248.2	240.2	232.3	228.8	220.4
20°	418.6	417.6	411.6	402.2	382.4	344.8	287.8	281.4	272.4	266.5	257.1
22.5°	445.3	445.3	441.8	436.4	417.1	386.9	329.9	323.0	314.0	306.6	296.2
25°	466.6	466.1	466.6	464.1	451.3	423.5	373.0	365.1	357.6	348.7	338.8
27.5°	490.9	491.9	490.9	489.4	483.9	461.7	416.6	411.1	402.7	393.3	383.4
30°	528.5	525.6	525.1	524.1	517.6	503.8	461.7	455.2	448.8	442.3	435.4
32.5°	568.2	563.2	561.7	561.7	557.3	544.9	513.7	510.2	500.8	495.8	489.9
35°	613.2	611.3	609.3	609.8	607.8	594.9	569.1	570.1	567.2	557.3	551.3
37.5°	679.1	679.6	676.1	669.7	669.7	658.3	643.4	641.5	634.0	631.6	628.1
40°	773.2	770.8	767.8	758.4	754.9	735.6	721.7	716.8	710.8	710.3	706.4
42.5°	882.2	879.2	879.2	872.3	865.4	842.1	815.8	812.4	805.9	807.9	806.4
45°	983.3	985.7	989.2	994.2	995.1	985.2	947.1	942.6	939.2	937.2	935.7
47.5°	1070.4	1074.9	1086.3	1107.6	1134.8	1138.3	1108.1	1096.2	1093.7	1090.2	1087.3
50°	1132.8	1139.3	1165.0	1206.7	1259.7	1292.3	1276.0	1266.1	1265.6	1256.2	1255.2
52.5°	1168.5	1175.4	1217.6	1280.5	1362.7	1426.6	1446.9	1446.4	1445.4	1437.0	1433.5
55°	1176.4	1183.9	1234.4	1320.1	1437.5	1547.9	1625.7	1627.7	1632.2	1629.7	1629.7
57.5°	1154.6	1164.1	1219.0	1325.0	1476.6	1644.0	1813.9	1825.3	1830.8	1850.1	1872.4
60°	1114.5	1121.5	1176.4	1294.8	1483.5	1731.7	2058.6	2094.8	2123.0	2161.2	2197.3
62.5°	1040.2	1054.1	1106.6	1235.4	1462.7	1832.8	2350.9	2417.8	2472.7	2530.7	2600.5
65°	950.1	956.0	1000.6	1113.0	1369.6	1871.4	2512.4	2577.8	2648.1	2710.0	2772.4
67.5°	837.1	842.1	880.7	928.8	1130.4	1690.6	2353.4	2425.7	2489.1	2540.1	2621.8
70°	548.3	559.2	653.9	701.4	790.1	1249.7	1924.4	1994.2	2042.8	2077.5	2172.1
72.5°	401.7	408.7	446.8	544.9	566.7	738.6	1354.3	1430.1	1447.9	1513.3	1557.4
75°	245.2	262.5	348.7	466.6	552.3	505.7	811.4	848.0	889.1	936.7	978.8
77.5°	49.5	56.5	113.9	321.5	485.9	540.4	484.4	491.4	511.7	516.1	532.0
80°	7.9	8.4	14.9	138.7	281.4	436.9	484.4	478.0	466.6	458.7	450.8
82.5°	3.5	4.0	6.4	35.2	59.9	145.6	419.1	451.8	489.4	510.2	515.7
85°	1.5	1.5	2.5	6.9	8.9	9.9	70.8	93.6	166.9	221.9	255.6
87.5°	1.0	1.0	1.5	1.5	2.0	2.5	3.5	3.5	4.0	4.5	6.4
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
2.5°	77.3	76.8	76.8	75.3	75.3	74.8	74.8	74.3	74.3	73.3	73.8
5°	90.2	89.2	88.2	86.7	86.2	85.2	84.2	82.7	82.2	81.2	80.7
7.5°	107.5	106.5	104.5	101.5	99.6	97.6	95.6	93.6	92.1	90.6	89.7
10°	128.8	125.8	124.8	118.9	116.4	112.4	110.0	108.0	105.0	102.5	101.0
12.5°	154.5	152.1	147.1	139.2	135.2	131.8	127.3	123.3	120.4	115.9	112.9
15°	181.3	179.3	172.4	163.5	158.5	152.1	147.6	143.6	137.2	134.2	128.8
17.5°	215.0	209.0	202.1	189.2	182.8	177.3	169.4	163.5	159.5	150.6	145.6
20°	249.7	243.2	234.3	219.9	211.0	202.6	196.2	188.2	179.8	173.9	165.4
22.5°	289.3	278.9	271.9	254.1	243.7	234.8	223.9	215.5	207.1	197.6	188.2
25°	331.4	321.0	312.6	292.3	281.4	272.4	259.6	247.7	237.3	226.9	216.0
27.5°	375.5	366.1	356.6	335.8	326.4	314.0	302.2	288.3	274.9	265.5	250.6
30°	426.5	418.6	408.2	385.9	375.5	362.6	350.2	333.9	321.0	308.1	293.7
32.5°	481.5	475.0	464.1	444.3	431.9	421.0	407.7	391.8	373.5	360.1	343.3
35°	548.3	537.4	531.0	512.2	502.8	490.9	477.0	463.1	443.8	425.0	410.6
37.5°	624.6	619.7	611.3	593.4	586.5	574.1	565.2	551.3	536.5	512.7	497.3
40°	702.9	699.4	692.0	674.2	667.2	658.8	648.4	635.0	617.2	604.8	582.0
42.5°	802.5	797.0	791.1	774.2	760.8	750.4	746.0	734.6	715.8	699.9	682.1
45°	928.8	926.3	918.4	901.5	888.1	881.2	874.3	855.0	842.6	826.7	814.3
47.5°	1081.3	1073.4	1069.4	1050.6	1046.2	1040.7	1022.9	1012.0	994.2	981.8	966.4
50°	1246.3	1237.9	1238.4	1215.6	1216.6	1212.6	1199.2	1186.3	1171.0	1160.1	1150.7
52.5°	1423.6	1427.6	1417.7	1424.6	1416.7	1407.8	1405.3	1389.4	1376.1	1375.6	1362.7
55°	1641.6	1635.1	1637.6	1644.5	1633.6	1643.5	1638.6	1618.3	1618.8	1622.7	1607.9
57.5°	1875.9	1885.3	1905.6	1910.0	1928.9	1916.0	1949.7	1925.4	1940.3	1940.3	1930.3
60°	2219.6	2257.3	2306.3	2344.5	2379.6	2368.2	2412.3	2384.6	2404.4	2387.5	2379.1
62.5°	2633.7	2683.8	2741.7	2803.6	2839.3	2848.2	2841.8	2854.2	2834.8	2822.5	2790.3
65°	2832.9	2882.4	2932.9	3007.2	3017.1	3024.6	3021.6	3000.8	2977.0	2941.8	2899.7
67.5°	2667.4	2736.8	2765.0	2850.7	2879.4	2869.0	2872.5	2845.7	2808.6	2773.9	2712.0
70°	2211.7	2291.0	2305.8	2428.7	2462.8	2512.4	2494.5	2486.6	2446.0	2416.8	2348.4
72.5°	1610.4	1672.3	1667.3	1805.5	1799.6	1819.9	1867.9	1866.0	1823.4	1813.9	1756.5
75°	991.2	1028.3	1026.3	1124.4	1083.3	1077.4	1090.7	1084.8	1044.7	1003.1	967.4
77.5°	525.1	541.9	524.1	494.8	491.9	458.7	449.3	448.8	418.1	380.4	352.7
80°	442.3	425.0	404.2	361.6	336.8	314.5	293.7	274.4	253.6	225.9	192.2
82.5°	516.6	508.2	493.4	439.9	414.1	369.5	336.3	305.1	267.0	238.3	195.2
85°	251.6	251.1	263.0	257.6	248.2	246.2	213.5	206.6	191.2	175.4	146.6
87.5°	6.9	5.0	5.9	5.0	5.9	6.4	4.5	10.4	6.4	5.9	6.9
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
2.5°	73.3	72.8	72.3	72.3	71.8	71.8	71.3	70.8	70.8	70.3	70.3
5°	79.8	78.8	78.3	77.8	76.8	76.3	75.3	74.8	73.8	73.3	72.3
7.5°	87.7	86.7	84.7	83.7	82.2	81.7	79.3	78.3	77.3	76.3	74.8
10°	97.6	95.1	93.1	91.1	88.7	86.7	84.7	83.2	81.2	78.8	77.8
12.5°	110.0	106.5	103.5	100.1	97.1	94.1	90.6	88.2	85.2	82.7	80.2
15°	123.8	118.9	114.9	110.0	105.0	101.5	98.1	94.6	90.6	87.2	84.2
17.5°	139.7	133.2	127.8	121.9	116.4	111.5	105.5	101.0	96.6	91.6	87.7
20°	156.5	150.1	142.7	136.2	128.3	122.8	115.4	109.5	103.0	98.1	92.6
22.5°	178.8	170.4	161.0	152.1	143.6	135.2	127.3	119.9	111.9	104.5	99.1
25°	205.1	194.7	182.8	173.9	162.0	152.6	142.7	133.2	124.8	115.4	106.5
27.5°	237.8	223.9	211.0	198.6	185.8	173.9	161.0	150.1	138.7	127.8	117.9
30°	275.9	262.5	243.2	229.3	216.5	200.1	187.2	172.9	160.0	144.1	133.2
32.5°	326.4	309.1	288.8	270.5	253.6	235.3	217.5	199.1	182.3	167.9	151.6
35°	392.3	372.0	347.7	324.4	305.6	283.3	260.5	239.7	220.4	199.6	179.3
37.5°	475.5	456.7	430.5	402.2	377.0	350.2	326.4	297.2	271.4	246.2	220.4
40°	558.3	540.9	513.7	483.5	450.8	420.0	389.8	356.6	324.0	292.3	265.5
42.5°	660.3	634.5	605.3	571.1	539.4	502.8	465.1	427.0	387.9	349.7	311.6
45°	788.6	768.8	727.7	691.0	653.4	610.3	563.7	520.1	470.1	425.0	374.5
47.5°	944.6	909.0	878.7	845.1	798.0	756.4	696.9	645.4	583.0	523.1	462.6
50°	1128.9	1109.1	1068.9	1026.8	975.8	926.3	868.3	794.0	719.2	655.3	572.6
52.5°	1344.4	1316.1	1290.9	1247.3	1195.3	1131.9	1066.0	985.2	893.6	803.4	715.3
55°	1600.0	1580.1	1555.9	1521.2	1454.8	1383.0	1303.7	1207.1	1098.7	977.3	874.8
57.5°	1929.9	1909.0	1885.8	1814.4	1769.4	1681.2	1566.3	1466.2	1349.3	1193.8	1066.5
60°	2380.1	2351.9	2319.2	2261.2	2167.1	2052.7	1929.4	1781.2	1638.1	1468.2	1301.3
62.5°	2765.0	2719.9	2650.1	2575.3	2462.3	2331.1	2176.0	2001.7	1838.7	1647.5	1461.8
65°	2844.3	2782.3	2700.1	2602.5	2486.1	2338.0	2176.0	2009.1	1817.4	1637.6	1450.9
67.5°	2638.2	2566.4	2482.2	2373.2	2262.2	2109.7	1970.0	1800.1	1619.8	1464.2	1297.3
70°	2299.4	2192.9	2106.7	1990.8	1878.3	1758.5	1611.3	1484.0	1337.4	1194.3	1066.5
72.5°	1726.8	1621.7	1543.5	1450.9	1384.0	1257.2	1149.2	1054.1	967.4	860.4	765.8
75°	930.7	852.0	799.5	757.4	697.4	613.7	562.2	496.8	460.2	415.6	372.5
77.5°	303.6	267.5	228.4	190.2	163.5	122.8	118.9	94.6	89.2	86.7	66.9
80°	155.5	119.9	86.7	62.4	47.6	42.1	40.1	38.1	36.2	34.7	32.2
82.5°	156.0	112.9	77.8	54.0	39.1	32.7	30.7	29.7	28.2	26.7	24.8
85°	113.9	84.2	58.0	39.6	27.2	21.8	20.8	19.3	18.3	17.8	15.9
87.5°	7.4	5.4	5.0	4.5	4.5	4.5	5.0	4.5	5.0	5.0	4.5
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°	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
2.5°	69.8	69.3	69.3	68.9	68.4	68.4	67.9	67.9	66.4	63.9	61.9
5°	71.8	70.8	70.3	69.8	69.3	68.4	67.9	67.4	64.9	59.9	56.0
7.5°	73.3	72.3	71.8	70.8	69.3	68.9	67.9	66.9	62.9	56.0	51.5
10°	75.8	74.3	72.8	71.3	69.8	68.9	67.4	66.4	60.4	52.5	48.0
12.5°	78.3	76.3	74.3	71.8	70.3	68.9	67.4	65.4	58.5	49.5	44.6
15°	81.2	78.3	75.8	73.3	70.8	68.9	66.4	64.9	56.5	47.1	42.6
17.5°	84.2	80.7	77.3	73.8	71.3	68.4	66.4	63.9	54.5	45.1	40.1
20°	87.7	82.7	79.3	75.3	71.8	68.4	65.4	62.9	52.5	42.6	37.6
22.5°	92.6	86.7	81.2	76.8	72.3	68.9	65.4	61.9	50.5	40.6	35.7
25°	99.1	91.6	85.2	79.8	74.3	69.8	65.9	62.4	49.0	39.1	33.2
27.5°	108.5	99.1	92.1	84.7	77.8	72.3	67.4	63.4	48.0	37.6	31.7
30°	119.9	110.5	99.6	90.6	83.2	75.8	70.3	64.4	47.1	36.2	29.7
32.5°	136.7	123.3	110.5	99.6	89.2	80.7	72.8	66.9	46.6	33.7	27.7
35°	161.0	142.7	127.3	112.9	98.6	88.2	78.8	70.8	46.1	31.7	25.8
37.5°	195.7	173.9	154.1	133.7	115.9	101.0	88.2	77.8	46.1	30.2	23.8
40°	232.8	204.6	179.3	154.1	131.3	112.4	95.1	82.2	45.1	28.2	21.8
42.5°	274.9	240.2	205.6	174.4	146.1	121.9	101.5	85.7	42.6	26.3	19.8
45°	331.4	285.8	244.2	204.1	167.4	135.7	110.0	89.7	40.1	24.8	17.8
47.5°	402.2	349.2	295.2	244.7	196.7	156.5	122.3	96.1	38.6	22.8	16.3
50°	507.7	432.4	361.1	296.7	235.8	183.3	140.7	105.5	37.2	21.3	14.9
52.5°	623.6	531.0	447.3	364.6	288.8	219.4	162.0	117.9	35.7	19.8	13.4
55°	764.8	650.9	548.8	441.3	344.3	261.5	188.2	131.8	33.7	18.3	12.4
57.5°	939.2	795.0	674.2	542.9	421.0	316.0	223.4	155.0	31.7	16.3	10.9
60°	1133.8	970.9	818.8	664.7	517.1	388.3	275.4	188.2	29.7	14.4	9.4
62.5°	1274.0	1095.2	921.3	748.5	586.5	442.3	317.5	214.0	26.7	12.4	8.4
65°	1272.5	1091.2	916.4	746.0	588.5	444.3	319.0	218.9	23.8	10.9	7.4
67.5°	1133.8	981.3	825.2	672.2	534.5	404.2	295.2	203.1	20.3	9.9	6.4
70°	932.7	811.4	688.0	566.7	456.2	346.2	255.1	176.8	17.3	8.9	5.4
72.5°	681.1	592.4	517.1	431.4	356.2	273.4	203.6	138.7	13.9	7.4	5.0
75°	338.3	302.7	259.6	232.8	198.6	162.5	126.3	80.7	11.4	5.9	4.5
77.5°	64.4	57.5	55.0	47.6	43.6	38.6	34.2	24.3	8.9	4.5	4.0
80°	29.7	27.2	24.8	22.3	19.8	16.8	14.9	12.9	6.9	3.5	4.5
82.5°	23.3	21.3	18.8	16.8	14.9	12.9	10.9	9.4	4.5	3.0	4.5
85°	15.4	13.4	11.9	10.4	8.9	7.9	6.9	5.9	3.0	3.0	3.0
87.5°	4.5	4.5	4.0	4.0	3.5	3.5	3.0	3.0	2.5	2.5	2.5
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°	67.4	67.4	67.4	67.4	67.4	67.4	67.4
2.5°	59.9	57.5	56.5	56.0	56.0	56.5	56.0
5°	53.0	50.5	49.5	48.5	48.5	48.5	49.0
7.5°	48.5	46.1	44.6	44.1	43.6	44.1	44.1
10°	44.6	42.6	40.6	39.6	39.6	39.6	39.6
12.5°	41.6	39.1	37.2	36.7	36.2	36.2	36.2
15°	39.1	36.2	34.7	33.7	33.2	33.2	33.7
17.5°	36.2	33.7	31.7	31.2	31.2	31.2	31.2
20°	34.2	31.2	29.7	28.7	28.7	28.7	28.7
22.5°	31.7	29.2	27.2	26.3	26.3	26.3	26.3
25°	29.7	27.2	25.3	24.3	24.3	24.3	24.3
27.5°	27.7	25.3	23.3	22.3	22.3	22.3	22.3
30°	25.8	23.3	21.3	20.3	20.3	20.3	20.3
32.5°	24.3	21.3	19.3	18.3	18.3	18.8	18.3
35°	21.8	19.3	17.3	16.3	16.3	16.3	16.3
37.5°	19.8	17.3	15.4	14.4	14.4	14.4	13.9
40°	18.3	15.4	13.4	12.4	11.9	11.9	11.9
42.5°	15.9	12.9	11.4	10.4	9.9	9.9	9.9
45°	14.4	11.4	9.4	8.4	8.4	8.4	8.4
47.5°	12.9	9.9	7.9	6.9	6.9	7.4	7.4
50°	11.4	8.4	6.4	6.4	6.4	6.9	6.9
52.5°	9.9	7.4	5.9	5.9	6.4	6.9	6.9
55°	8.9	6.4	5.4	5.9	6.4	6.9	6.9
57.5°	7.9	5.4	5.4	5.9	6.4	6.9	6.9
60°	6.9	5.0	5.0	5.4	6.4	6.9	6.9
62.5°	5.9	5.0	5.0	5.4	6.4	6.9	6.9
65°	5.4	5.0	5.0	5.4	6.4	6.9	6.9
67.5°	5.0	4.5	5.0	5.4	5.9	6.4	6.4
70°	4.5	4.5	5.0	5.4	5.9	6.4	6.4
72.5°	4.5	4.5	4.5	5.0	5.4	5.9	5.9
75°	4.5	4.5	4.5	5.0	5.4	5.9	5.9
77.5°	4.5	4.0	4.0	4.5	5.4	5.9	5.9
80°	4.5	4.0	4.0	4.5	5.0	5.9	5.9
82.5°	3.5	3.5	4.0	4.5	5.0	5.4	5.4
85°	3.0	3.5	3.5	4.0	4.5	5.4	5.4
87.5°	2.5	2.5	3.0	3.5	4.0	4.5	4.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)