

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: P181399

Luminaire Tested: **ICS-E03-LED-E1-T3-HSS**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181399
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-E03-LED-E1-T3-HSS
Description: ICON SITE SMALL LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ HOUSE SIDE SHIELD
Light Source: (63) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4402.1 lumens
Efficiency: N/A
Efficacy: 58.5 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G2

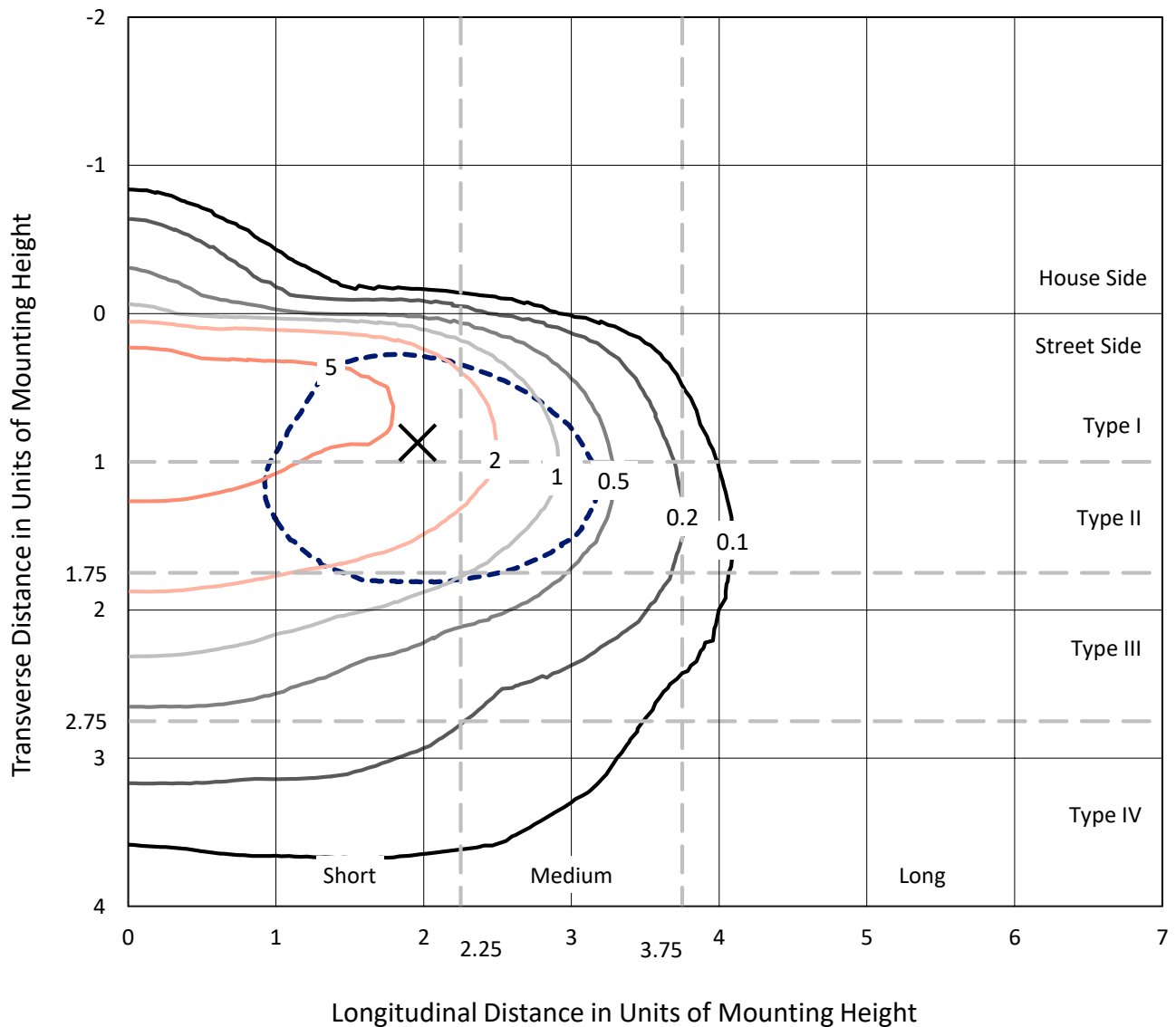
Input Watts (W): 75.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

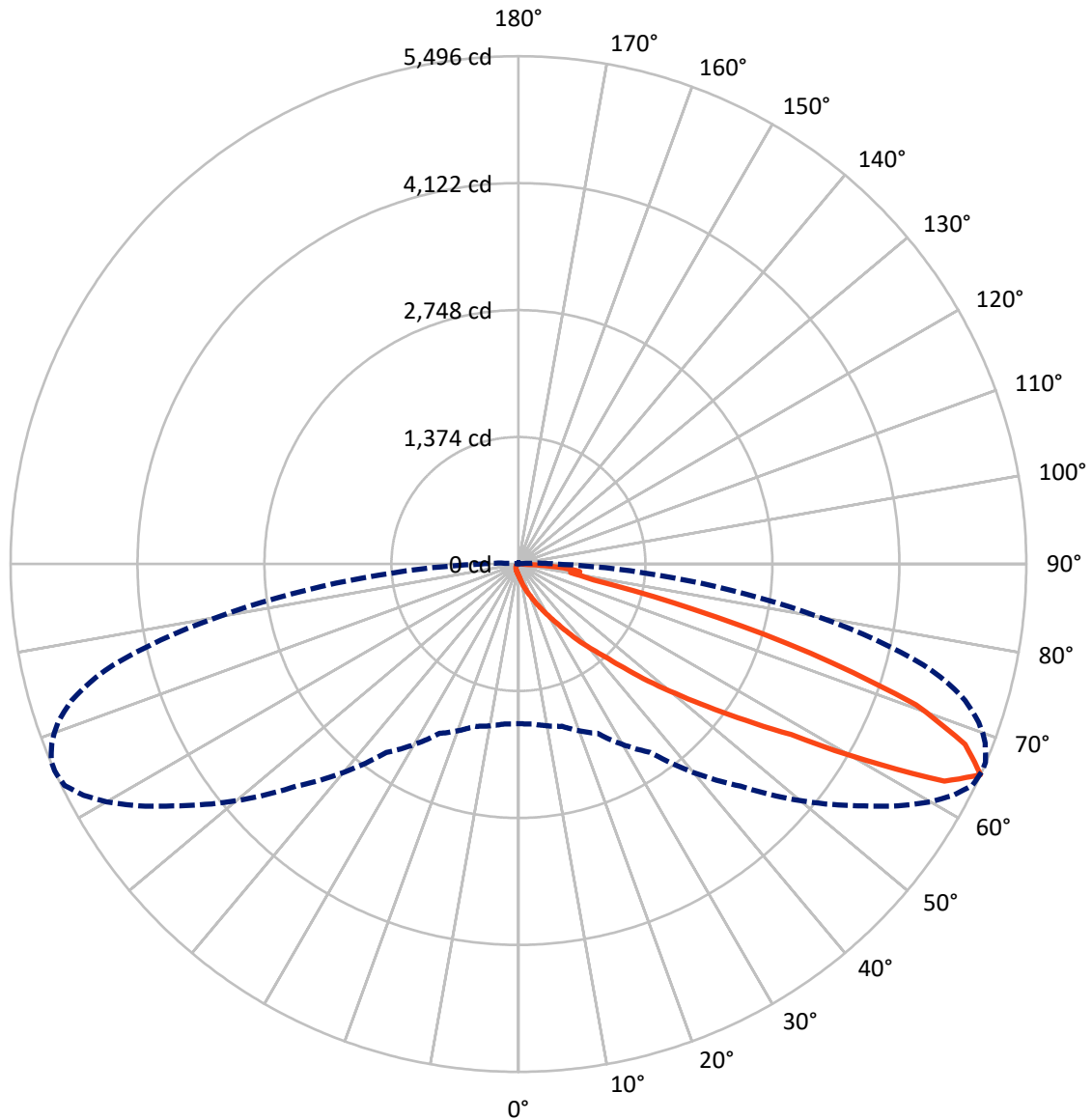


Based on 10 foot mounting height. Maximum calculated value = 6.4 fc
 Type III - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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

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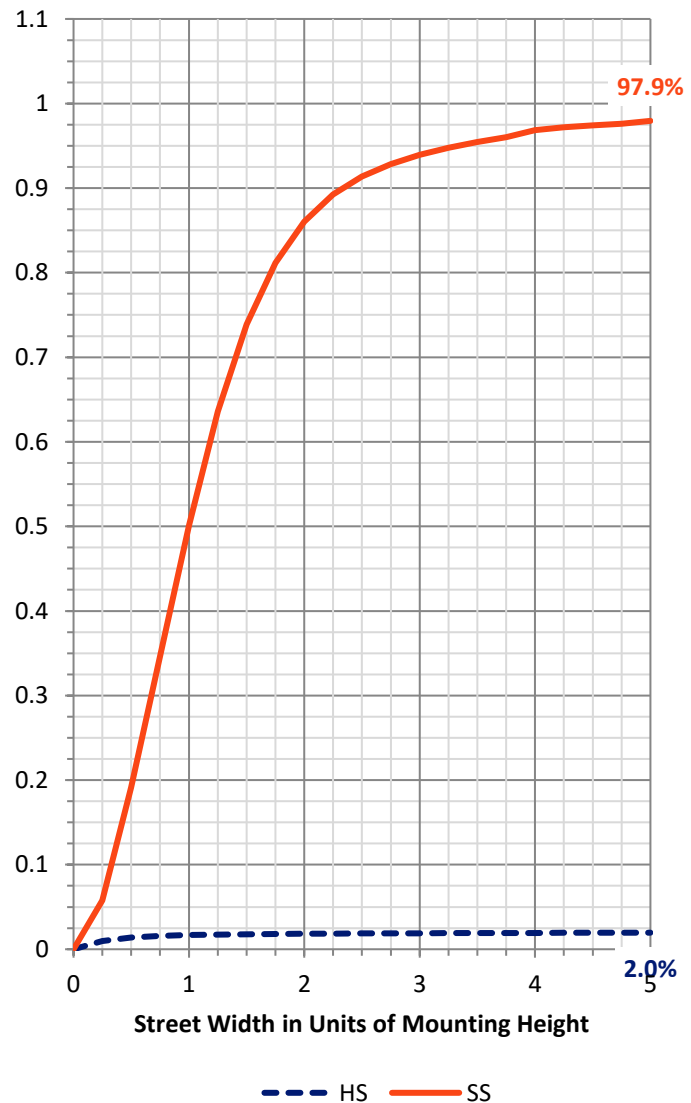
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	88.4	0.0	88.4
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	4313.7	0.0	4313.7
	% Fixture	98.0	0.0	98.0
Total	Lumens	4402.1	0.0	4402.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.0	0.3
10°-20°	71.6	1.6
20°-30°	163.5	3.7
30°-40°	311.1	7.1
40°-50°	624.4	14.2
50°-60°	1104.8	25.1
60°-70°	1443.5	32.8
70°-80°	593.5	13.5
80°-90°	74.8	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°	4402.1	100.0
0°-180°	4402.1	100.0



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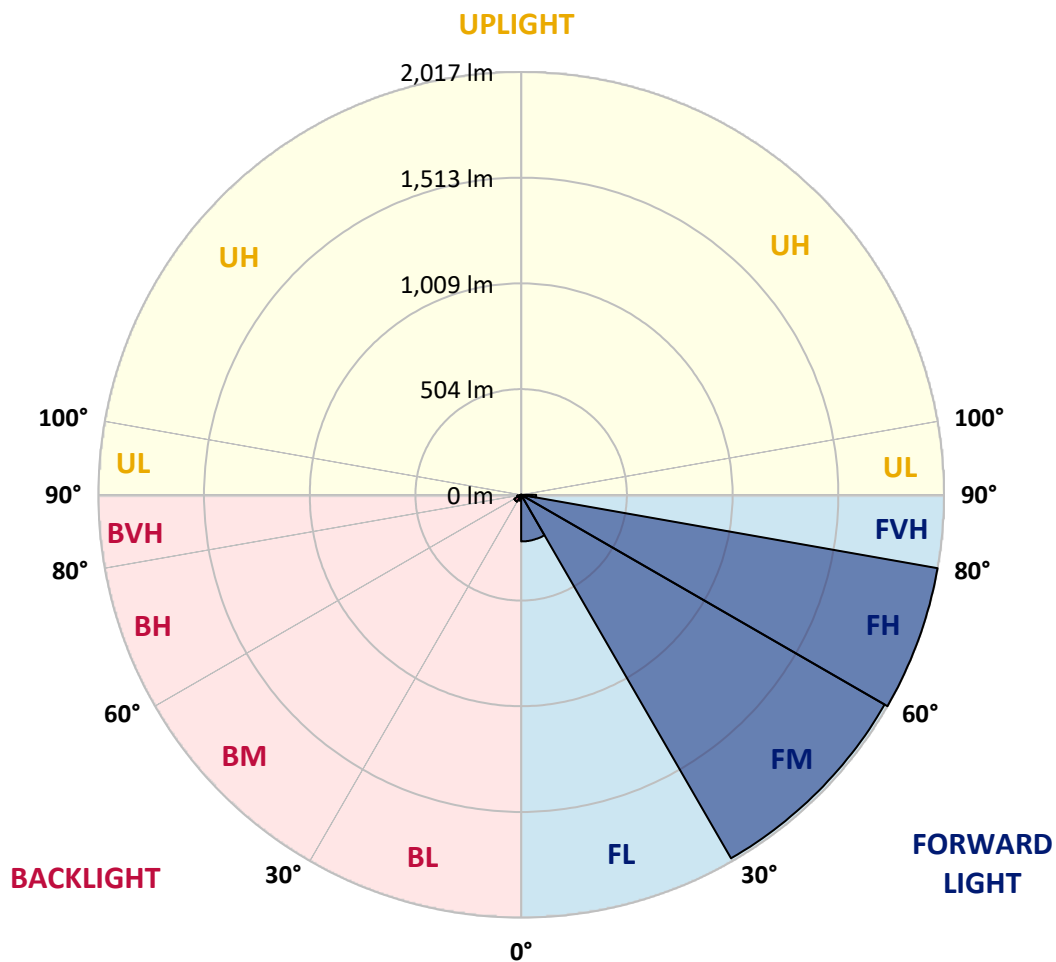
CATALOG NUMBER: ICS-E03-LED-E1-T3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	222.4	5.1			
FM	(30°-60°)	2002.4	45.5			
FH	(60°-80°)	2017.4	45.8			G2/5000
FVH	(80°-90°)	71.4	1.6			G1/100
BL	(0°-30°)	27.6	0.6	B0/110		
BM	(30°-60°)	37.8	0.9	B0/220		
BH	(60°-80°)	19.5	0.4	B0/110		G0/110
BVH	(80°-90°)	3.3	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-G2

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4
2.5°	162.0	159.3	160.2	154.8	151.2	146.7	143.1	142.2	141.3	139.5	140.4
5°	233.1	230.4	224.1	213.3	203.4	188.1	172.8	171.9	169.2	166.5	164.7
7.5°	324.0	319.5	312.3	294.3	270.0	243.0	212.4	209.7	206.1	202.5	198.9
10°	429.3	426.6	413.1	392.4	355.5	311.4	260.1	257.4	249.3	244.8	241.2
12.5°	540.0	528.3	522.9	486.9	444.6	384.3	318.6	308.7	302.4	296.1	287.1
15°	623.7	625.5	612.9	584.1	534.6	464.4	382.5	371.7	362.7	351.0	340.2
17.5°	699.3	695.7	682.2	664.2	617.4	546.3	450.9	436.5	422.1	415.8	400.5
20°	760.5	758.7	747.9	730.8	694.8	626.4	522.9	511.2	495.0	484.2	467.1
22.5°	809.1	809.1	802.8	792.9	757.8	702.9	599.4	586.8	570.6	557.1	538.2
25°	847.8	846.9	847.8	843.3	819.9	769.5	677.7	663.3	649.8	633.6	615.6
27.5°	891.9	893.7	891.9	889.2	879.3	838.8	756.9	747.0	731.7	714.6	696.6
30°	960.4	955.0	954.1	952.3	940.6	915.3	838.8	827.1	815.4	803.7	791.1
32.5°	1032.4	1023.4	1020.7	1020.7	1012.6	990.1	933.4	927.1	909.9	900.9	890.1
35°	1114.3	1110.7	1107.1	1108.0	1104.4	1081.0	1034.2	1036.0	1030.6	1012.6	1001.8
37.5°	1234.0	1234.9	1228.6	1216.9	1216.9	1196.2	1169.2	1165.6	1152.1	1147.6	1141.3
40°	1405.0	1400.5	1395.1	1378.0	1371.7	1336.6	1311.4	1302.4	1291.6	1290.7	1283.5
42.5°	1603.0	1597.6	1597.6	1585.0	1572.4	1530.1	1482.4	1476.1	1464.4	1468.0	1465.3
45°	1786.6	1791.1	1797.4	1806.4	1808.2	1790.2	1720.9	1712.8	1706.5	1702.9	1700.2
47.5°	1945.0	1953.1	1973.8	2012.5	2062.0	2068.3	2013.4	1991.8	1987.3	1981.0	1975.6
50°	2058.4	2070.1	2116.9	2192.5	2288.8	2348.2	2318.5	2300.5	2299.6	2282.5	2280.7
52.5°	2123.2	2135.8	2212.3	2326.6	2476.0	2592.1	2629.0	2628.1	2626.3	2611.0	2604.7
55°	2137.6	2151.1	2242.9	2398.6	2611.9	2812.7	2954.0	2957.6	2965.7	2961.2	2961.2
57.5°	2098.0	2115.1	2215.0	2407.6	2683.0	2987.3	3296.0	3316.7	3326.6	3361.7	3402.2
60°	2025.1	2037.7	2137.6	2352.7	2695.6	3146.6	3740.6	3806.3	3857.6	3926.9	3992.6
62.5°	1890.1	1915.3	2010.7	2244.7	2657.8	3330.2	4271.6	4393.1	4493.0	4598.4	4725.3
65°	1726.3	1737.1	1818.1	2022.4	2488.6	3400.4	4565.0	4683.9	4811.7	4924.2	5037.6
67.5°	1521.1	1530.1	1600.3	1687.6	2053.9	3071.9	4276.1	4407.5	4522.7	4615.5	4764.0
70°	996.4	1016.2	1188.1	1274.5	1435.6	2270.8	3496.7	3623.6	3711.8	3774.8	3946.7
72.5°	729.9	742.5	811.8	990.1	1029.7	1342.0	2460.7	2598.4	2630.8	2749.6	2829.8
75°	445.5	477.0	633.6	847.8	1003.6	918.9	1474.3	1540.9	1615.6	1702.0	1778.5
77.5°	90.0	102.6	207.0	584.1	882.9	982.0	880.2	892.8	929.8	937.9	966.7
80°	14.4	15.3	27.0	252.0	511.2	793.8	880.2	868.5	847.8	833.4	819.0
82.5°	6.3	7.2	11.7	63.9	108.9	264.6	761.4	820.8	889.2	927.1	937.0
85°	2.7	2.7	4.5	12.6	16.2	18.0	128.7	170.1	303.3	403.2	464.4
87.5°	1.8	1.8	2.7	2.7	3.6	4.5	6.3	6.3	7.2	8.1	11.7
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4
2.5°	140.4	139.5	139.5	136.8	136.8	135.9	135.9	135.0	135.0	133.2	134.1
5°	163.8	162.0	160.2	157.5	156.6	154.8	153.0	150.3	149.4	147.6	146.7
7.5°	195.3	193.5	189.9	184.5	180.9	177.3	173.7	170.1	167.4	164.7	162.9
10°	234.0	228.6	226.8	216.0	211.5	204.3	199.8	196.2	190.8	186.3	183.6
12.5°	280.8	276.3	267.3	252.9	245.7	239.4	231.3	224.1	218.7	210.6	205.2
15°	329.4	325.8	313.2	297.0	288.0	276.3	268.2	261.0	249.3	243.9	234.0
17.5°	390.6	379.8	367.2	343.8	332.1	322.2	307.8	297.0	289.8	273.6	264.6
20°	453.6	441.9	425.7	399.6	383.4	368.1	356.4	342.0	326.7	315.9	300.6
22.5°	525.6	506.7	494.1	461.7	442.8	426.6	406.8	391.5	376.2	359.1	342.0
25°	602.1	583.2	567.9	531.0	511.2	495.0	471.6	450.0	431.1	412.2	392.4
27.5°	682.2	665.1	648.0	610.2	593.1	570.6	549.0	523.8	499.5	482.4	455.4
30°	774.9	760.5	741.6	701.1	682.2	658.8	636.3	606.6	583.2	559.8	533.7
32.5°	874.8	863.1	843.3	807.3	784.8	765.0	740.7	711.9	678.6	654.3	623.7
35°	996.4	976.6	964.9	930.7	913.5	891.9	866.7	841.5	806.4	772.2	746.1
37.5°	1135.0	1126.0	1110.7	1078.3	1065.7	1043.2	1027.0	1001.8	974.8	931.6	903.6
40°	1277.2	1270.9	1257.4	1225.0	1212.4	1197.1	1178.2	1153.9	1121.5	1099.0	1057.6
42.5°	1458.1	1448.2	1437.4	1406.8	1382.5	1363.6	1355.5	1334.8	1300.6	1271.8	1239.4
45°	1687.6	1683.1	1668.7	1638.1	1613.8	1601.2	1588.6	1553.5	1531.0	1502.2	1479.7
47.5°	1964.8	1950.4	1943.2	1909.0	1900.9	1891.0	1858.6	1838.8	1806.4	1783.9	1756.0
50°	2264.5	2249.2	2250.1	2208.7	2210.5	2203.3	2179.0	2155.6	2127.7	2107.9	2090.8
52.5°	2586.7	2593.9	2575.9	2588.5	2574.1	2557.9	2553.4	2524.6	2500.3	2499.4	2476.0
55°	2982.8	2971.1	2975.6	2988.2	2968.4	2986.4	2977.4	2940.5	2941.4	2948.6	2921.6
57.5°	3408.5	3425.6	3462.5	3470.6	3504.8	3481.4	3542.6	3498.5	3525.5	3525.5	3507.5
60°	4033.1	4101.5	4190.6	4259.9	4323.8	4303.1	4383.2	4332.8	4368.8	4338.2	4322.9
62.5°	4785.6	4876.5	4981.8	5094.3	5159.1	5175.3	5163.6	5186.1	5151.0	5128.5	5070.0
65°	5147.4	5237.4	5329.2	5464.2	5482.2	5495.7	5490.3	5452.5	5409.3	5345.4	5268.9
67.5°	4846.8	4972.8	5024.1	5179.8	5232.0	5213.1	5219.4	5170.8	5103.3	5040.3	4927.8
70°	4018.7	4162.7	4189.7	4412.9	4475.0	4565.0	4532.6	4518.2	4444.4	4391.3	4267.1
72.5°	2926.1	3038.6	3029.6	3280.7	3269.9	3306.8	3394.1	3390.5	3313.1	3296.0	3191.6
75°	1801.0	1868.5	1864.9	2043.1	1968.4	1957.6	1981.9	1971.1	1898.2	1822.6	1757.8
77.5°	954.1	984.7	952.3	899.1	893.7	833.4	816.3	815.4	759.6	691.2	640.8
80°	803.7	772.2	734.4	657.0	612.0	571.5	533.7	498.6	460.8	410.4	349.2
82.5°	938.8	923.5	896.4	799.2	752.4	671.4	611.1	554.4	485.1	432.9	354.6
85°	457.2	456.3	477.9	468.0	450.9	447.3	387.9	375.3	347.4	318.6	266.4
87.5°	12.6	9.0	10.8	9.0	10.8	11.7	8.1	18.9	11.7	10.8	12.6
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4
2.5°	133.2	132.3	131.4	131.4	130.5	130.5	129.6	128.7	128.7	127.8	127.8
5°	144.9	143.1	142.2	141.3	139.5	138.6	136.8	135.9	134.1	133.2	131.4
7.5°	159.3	157.5	153.9	152.1	149.4	148.5	144.0	142.2	140.4	138.6	135.9
10°	177.3	172.8	169.2	165.6	161.1	157.5	153.9	151.2	147.6	143.1	141.3
12.5°	199.8	193.5	188.1	181.8	176.4	171.0	164.7	160.2	154.8	150.3	145.8
15°	225.0	216.0	208.8	199.8	190.8	184.5	178.2	171.9	164.7	158.4	153.0
17.5°	253.8	242.1	232.2	221.4	211.5	202.5	191.7	183.6	175.5	166.5	159.3
20°	284.4	272.7	259.2	247.5	233.1	223.2	209.7	198.9	187.2	178.2	168.3
22.5°	324.9	309.6	292.5	276.3	261.0	245.7	231.3	217.8	203.4	189.9	180.0
25°	372.6	353.7	332.1	315.9	294.3	277.2	259.2	242.1	226.8	209.7	193.5
27.5°	432.0	406.8	383.4	360.9	337.5	315.9	292.5	272.7	252.0	232.2	214.2
30°	501.3	477.0	441.9	416.7	393.3	363.6	340.2	314.1	290.7	261.9	242.1
32.5°	593.1	561.6	524.7	491.4	460.8	427.5	395.1	361.8	331.2	305.1	275.4
35°	712.8	675.9	631.8	589.5	555.3	514.8	473.4	435.6	400.5	362.7	325.8
37.5°	864.0	829.8	782.1	730.8	684.9	636.3	593.1	540.0	493.2	447.3	400.5
40°	1014.4	982.9	933.4	878.4	819.0	763.2	708.3	648.0	588.6	531.0	482.4
42.5°	1199.8	1153.0	1099.9	1037.8	980.2	913.5	845.1	775.8	704.7	635.4	566.1
45°	1432.9	1396.9	1322.2	1255.6	1187.2	1108.9	1024.3	945.1	854.1	772.2	680.4
47.5°	1716.4	1651.6	1596.7	1535.5	1450.0	1374.4	1266.4	1172.8	1059.4	950.5	840.6
50°	2051.2	2015.2	1942.3	1865.8	1773.1	1683.1	1577.8	1442.8	1306.9	1190.8	1040.5
52.5°	2442.7	2391.4	2345.5	2266.3	2171.8	2056.6	1936.9	1790.2	1623.7	1459.9	1299.7
55°	2907.2	2871.2	2827.1	2764.1	2643.4	2512.9	2368.9	2193.4	1996.3	1775.8	1589.5
57.5°	3506.6	3468.8	3426.5	3296.9	3215.0	3054.8	2846.0	2664.1	2451.7	2169.1	1937.8
60°	4324.7	4273.4	4214.0	4108.7	3937.7	3729.8	3505.7	3236.6	2976.5	2667.7	2364.4
62.5°	5024.1	4942.2	4815.3	4679.4	4474.1	4235.6	3953.9	3637.1	3341.0	2993.6	2656.0
65°	5168.1	5055.6	4906.2	4728.9	4517.3	4248.2	3953.9	3650.6	3302.3	2975.6	2636.2
67.5°	4793.7	4663.2	4510.1	4312.1	4110.5	3833.3	3579.5	3270.8	2943.2	2660.5	2357.2
70°	4178.0	3984.5	3827.9	3617.3	3413.0	3195.2	2927.9	2696.5	2430.1	2170.0	1937.8
72.5°	3137.6	2946.8	2804.6	2636.2	2514.7	2284.3	2088.1	1915.3	1757.8	1563.4	1391.5
75°	1691.2	1548.1	1452.7	1376.2	1267.3	1115.2	1021.6	902.7	836.1	755.1	676.8
77.5°	551.7	486.0	414.9	345.6	297.0	223.2	216.0	171.9	162.0	157.5	121.5
80°	282.6	217.8	157.5	113.4	86.4	76.5	72.9	69.3	65.7	63.0	58.5
82.5°	283.5	205.2	141.3	98.1	71.1	59.4	55.8	54.0	51.3	48.6	45.0
85°	207.0	153.0	105.3	72.0	49.5	39.6	37.8	35.1	33.3	32.4	28.8
87.5°	13.5	9.9	9.0	8.1	8.1	8.1	9.0	8.1	9.0	9.0	8.1
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4
2.5°	126.9	126.0	126.0	125.1	124.2	124.2	123.3	123.3	120.6	116.1	112.5
5°	130.5	128.7	127.8	126.9	126.0	124.2	123.3	122.4	117.9	108.9	101.7
7.5°	133.2	131.4	130.5	128.7	126.0	125.1	123.3	121.5	114.3	101.7	93.6
10°	137.7	135.0	132.3	129.6	126.9	125.1	122.4	120.6	109.8	95.4	87.3
12.5°	142.2	138.6	135.0	130.5	127.8	125.1	122.4	118.8	106.2	90.0	81.0
15°	147.6	142.2	137.7	133.2	128.7	125.1	120.6	117.9	102.6	85.5	77.4
17.5°	153.0	146.7	140.4	134.1	129.6	124.2	120.6	116.1	99.0	81.9	72.9
20°	159.3	150.3	144.0	136.8	130.5	124.2	118.8	114.3	95.4	77.4	68.4
22.5°	168.3	157.5	147.6	139.5	131.4	125.1	118.8	112.5	91.8	73.8	64.8
25°	180.0	166.5	154.8	144.9	135.0	126.9	119.7	113.4	89.1	71.1	60.3
27.5°	197.1	180.0	167.4	153.9	141.3	131.4	122.4	115.2	87.3	68.4	57.6
30°	217.8	200.7	180.9	164.7	151.2	137.7	127.8	117.0	85.5	65.7	54.0
32.5°	248.4	224.1	200.7	180.9	162.0	146.7	132.3	121.5	84.6	61.2	50.4
35°	292.5	259.2	231.3	205.2	179.1	160.2	143.1	128.7	83.7	57.6	46.8
37.5°	355.5	315.9	279.9	243.0	210.6	183.6	160.2	141.3	83.7	54.9	43.2
40°	423.0	371.7	325.8	279.9	238.5	204.3	172.8	149.4	81.9	51.3	39.6
42.5°	499.5	436.5	373.5	316.8	265.5	221.4	184.5	155.7	77.4	47.7	36.0
45°	602.1	519.3	443.7	370.8	304.2	246.6	199.8	162.9	72.9	45.0	32.4
47.5°	730.8	634.5	536.4	444.6	357.3	284.4	222.3	174.6	70.2	41.4	29.7
50°	922.6	785.7	656.1	539.1	428.4	333.0	255.6	191.7	67.5	38.7	27.0
52.5°	1133.2	964.9	812.7	662.4	524.7	398.7	294.3	214.2	64.8	36.0	24.3
55°	1389.7	1182.7	997.3	801.9	625.5	475.2	342.0	239.4	61.2	33.3	22.5
57.5°	1706.5	1444.6	1225.0	986.5	765.0	574.2	405.9	281.7	57.6	29.7	19.8
60°	2060.2	1764.1	1487.8	1207.9	939.7	705.6	500.4	342.0	54.0	26.1	17.1
62.5°	2314.9	1990.0	1674.1	1360.0	1065.7	803.7	576.9	388.8	48.6	22.5	15.3
65°	2312.2	1982.8	1665.1	1355.5	1069.3	807.3	579.6	397.8	43.2	19.8	13.5
67.5°	2060.2	1783.0	1499.5	1221.4	971.2	734.4	536.4	369.0	36.9	18.0	11.7
70°	1694.8	1474.3	1250.2	1029.7	828.9	629.1	463.5	321.3	31.5	16.2	9.9
72.5°	1237.6	1076.5	939.7	783.9	647.1	496.8	369.9	252.0	25.2	13.5	9.0
75°	614.7	549.9	471.6	423.0	360.9	295.2	229.5	146.7	20.7	10.8	8.1
77.5°	117.0	104.4	99.9	86.4	79.2	70.2	62.1	44.1	16.2	8.1	7.2
80°	54.0	49.5	45.0	40.5	36.0	30.6	27.0	23.4	12.6	6.3	8.1
82.5°	42.3	38.7	34.2	30.6	27.0	23.4	19.8	17.1	8.1	5.4	8.1
85°	27.9	24.3	21.6	18.9	16.2	14.4	12.6	10.8	5.4	5.4	5.4
87.5°	8.1	8.1	7.2	7.2	6.3	6.3	5.4	5.4	4.5	4.5	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):

	125°	135°	145°	155°	165°	175°	180°
0°	122.4	122.4	122.4	122.4	122.4	122.4	122.4
2.5°	108.9	104.4	102.6	101.7	101.7	102.6	101.7
5°	96.3	91.8	90.0	88.2	88.2	88.2	89.1
7.5°	88.2	83.7	81.0	80.1	79.2	80.1	80.1
10°	81.0	77.4	73.8	72.0	72.0	72.0	72.0
12.5°	75.6	71.1	67.5	66.6	65.7	65.7	65.7
15°	71.1	65.7	63.0	61.2	60.3	60.3	61.2
17.5°	65.7	61.2	57.6	56.7	56.7	56.7	56.7
20°	62.1	56.7	54.0	52.2	52.2	52.2	52.2
22.5°	57.6	53.1	49.5	47.7	47.7	47.7	47.7
25°	54.0	49.5	45.9	44.1	44.1	44.1	44.1
27.5°	50.4	45.9	42.3	40.5	40.5	40.5	40.5
30°	46.8	42.3	38.7	36.9	36.9	36.9	36.9
32.5°	44.1	38.7	35.1	33.3	33.3	34.2	33.3
35°	39.6	35.1	31.5	29.7	29.7	29.7	29.7
37.5°	36.0	31.5	27.9	26.1	26.1	26.1	25.2
40°	33.3	27.9	24.3	22.5	21.6	21.6	21.6
42.5°	28.8	23.4	20.7	18.9	18.0	18.0	18.0
45°	26.1	20.7	17.1	15.3	15.3	15.3	15.3
47.5°	23.4	18.0	14.4	12.6	12.6	13.5	13.5
50°	20.7	15.3	11.7	11.7	11.7	12.6	12.6
52.5°	18.0	13.5	10.8	10.8	11.7	12.6	12.6
55°	16.2	11.7	9.9	10.8	11.7	12.6	12.6
57.5°	14.4	9.9	9.9	10.8	11.7	12.6	12.6
60°	12.6	9.0	9.0	9.9	11.7	12.6	12.6
62.5°	10.8	9.0	9.0	9.9	11.7	12.6	12.6
65°	9.9	9.0	9.0	9.9	11.7	12.6	12.6
67.5°	9.0	8.1	9.0	9.9	10.8	11.7	11.7
70°	8.1	8.1	9.0	9.9	10.8	11.7	11.7
72.5°	8.1	8.1	8.1	9.0	9.9	10.8	10.8
75°	8.1	8.1	8.1	9.0	9.9	10.8	10.8
77.5°	8.1	7.2	7.2	8.1	9.9	10.8	10.8
80°	8.1	7.2	7.2	8.1	9.0	10.8	10.8
82.5°	6.3	6.3	7.2	8.1	9.0	9.9	9.9
85°	5.4	6.3	6.3	7.2	8.1	9.9	9.9
87.5°	4.5	4.5	5.4	6.3	7.2	8.1	8.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)