

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: P181403

Luminaire Tested: **ICS-F03-LED-E1-T3-HSS-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181403
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-F03-LED-E1-T3-HSS-7030
Description: ICON SITE SMALL LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ HOUSE SIDE SHIELD
Light Source: (21) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3319.1 lumens
Efficiency: N/A
Efficacy: 42.4 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 - G1

Input Watts (W): 78.3
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



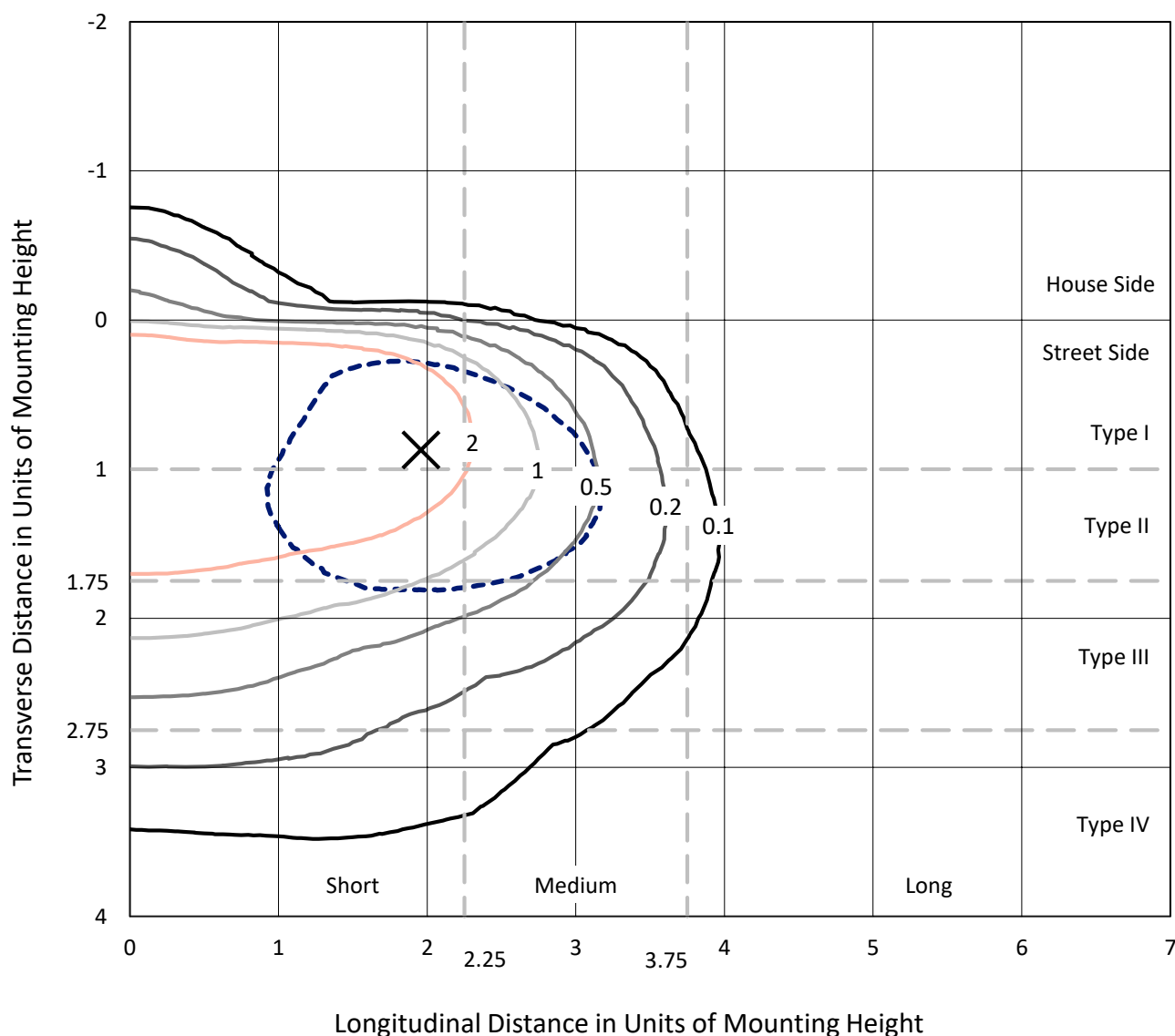
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

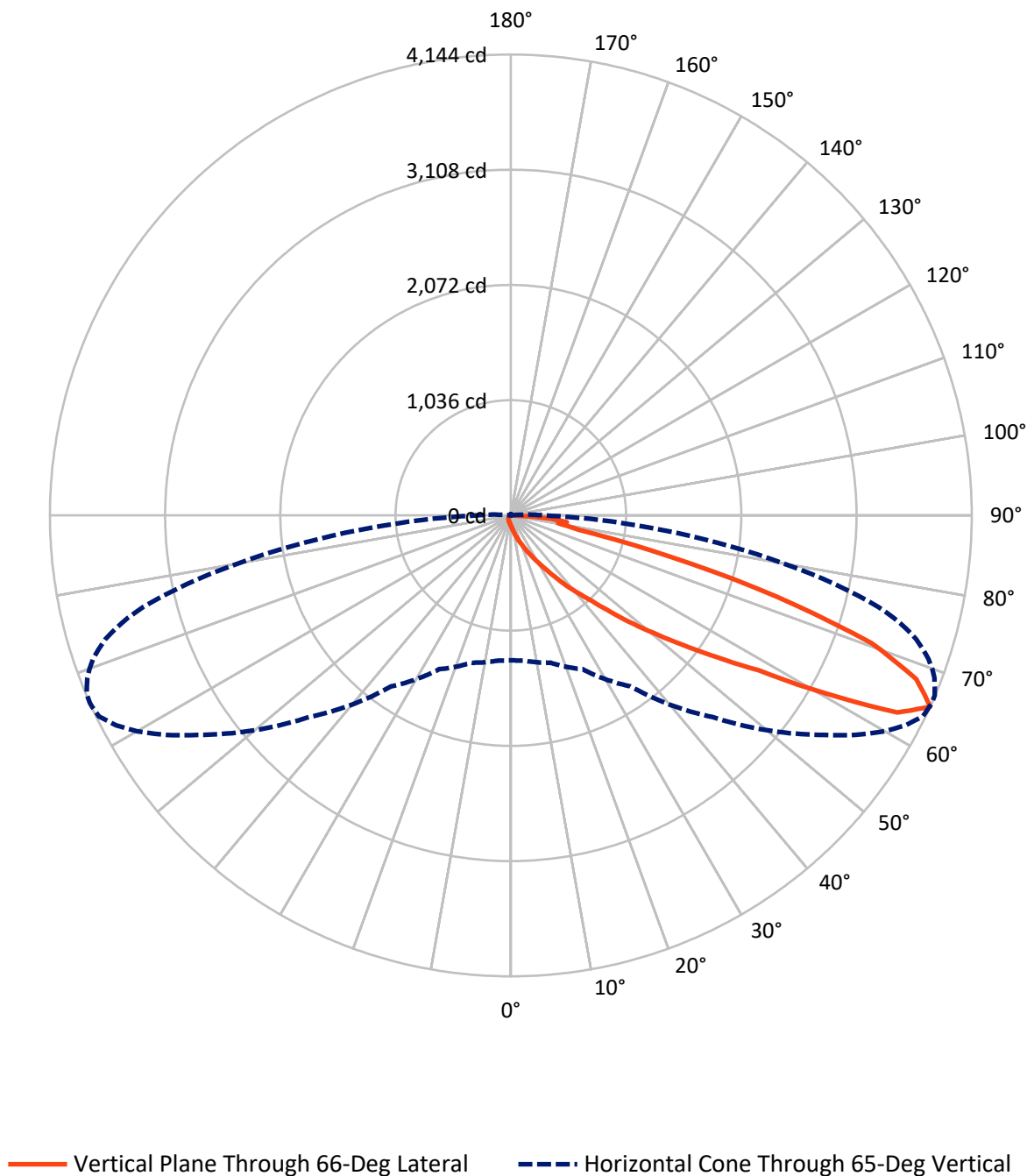


Based on 10 foot mounting height. Maximum calculated value = 4.8 fc
 Type III - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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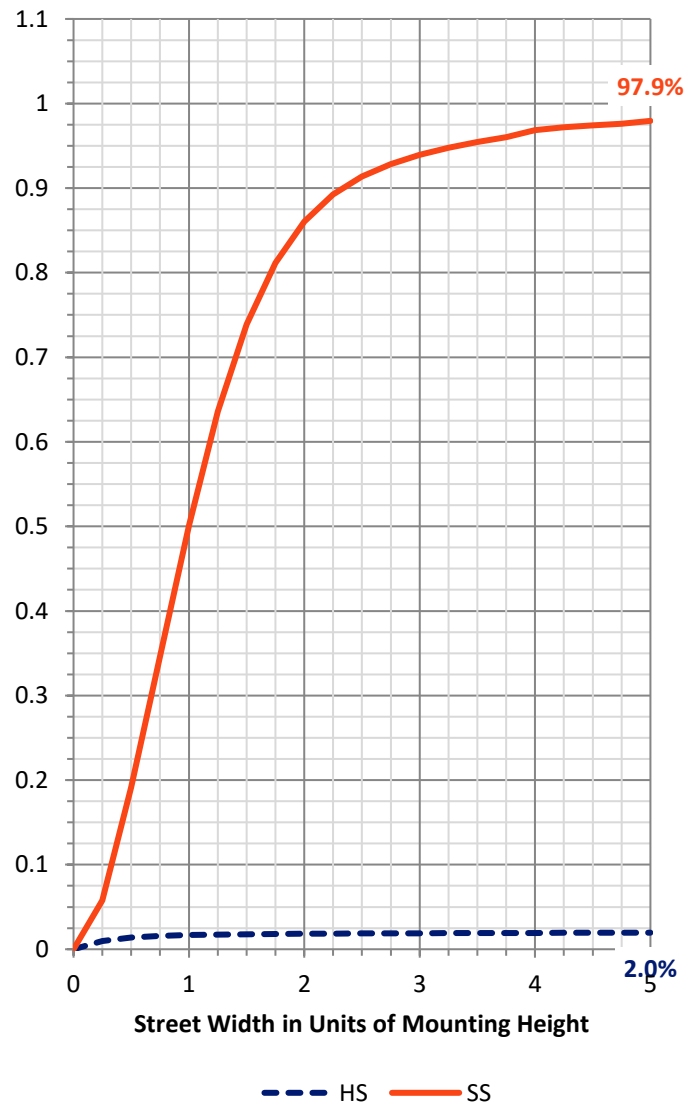
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	66.6	0.0	66.6
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	3252.5	0.0	3252.5
	% Fixture	98.0	0.0	98.0
Total	Lumens	3319.1	0.0	3319.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.3	0.3
10°-20°	54.0	1.6
20°-30°	123.3	3.7
30°-40°	234.6	7.1
40°-50°	470.8	14.2
50°-60°	833.0	25.1
60°-70°	1088.4	32.8
70°-80°	447.5	13.5
80°-90°	56.4	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°	3319.1	100.0
0°-180°	3319.1	100.0

Coefficient of Utilization



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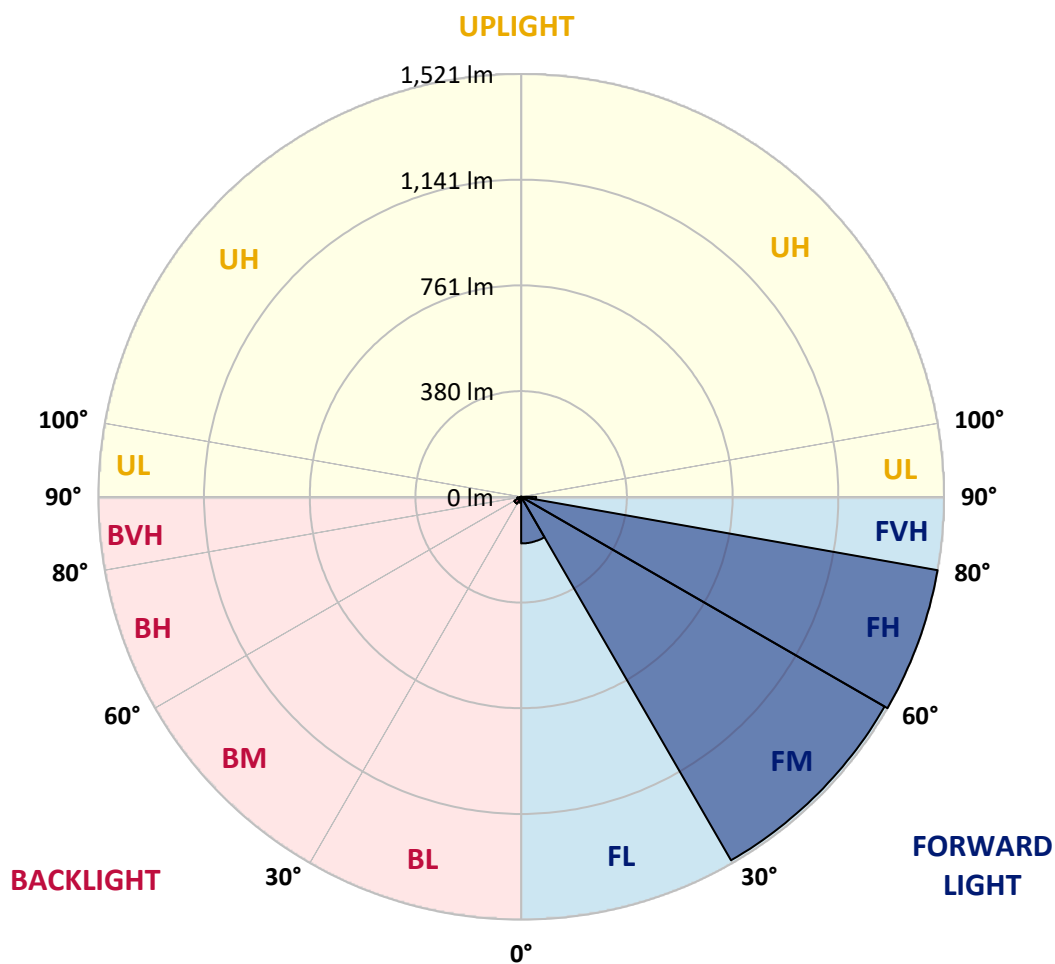
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	167.7	5.1			
FM	(30°-60°)	1509.8	45.5			
FH	(60°-80°)	1521.1	45.8			G1/1800
FVH	(80°-90°)	53.9	1.6			G1/100
BL	(0°-30°)	20.8	0.6	B0/110		
BM	(30°-60°)	28.5	0.9	B0/220		
BH	(60°-80°)	14.7	0.4	B0/110		G0/110
BVH	(80°-90°)	2.5	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°	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
2.5°	122.2	120.1	120.8	116.7	114.0	110.6	107.9	107.2	106.5	105.2	105.9
5°	175.8	173.7	169.0	160.8	153.4	141.8	130.3	129.6	127.6	125.5	124.2
7.5°	244.3	240.9	235.5	221.9	203.6	183.2	160.2	158.1	155.4	152.7	150.0
10°	323.7	321.7	311.5	295.9	268.1	234.8	196.1	194.1	188.0	184.6	181.9
12.5°	407.2	398.4	394.3	367.1	335.2	289.8	240.2	232.8	228.0	223.3	216.5
15°	470.3	471.6	462.1	440.4	403.1	350.2	288.4	280.3	273.5	264.7	256.5
17.5°	527.3	524.6	514.4	500.8	465.5	411.9	340.0	329.1	318.3	313.5	302.0
20°	573.4	572.1	563.9	551.0	523.9	472.3	394.3	385.5	373.2	365.1	352.2
22.5°	610.1	610.1	605.3	597.9	571.4	530.0	452.0	442.5	430.3	420.1	405.8
25°	639.3	638.6	639.3	635.9	618.2	580.2	511.0	500.2	490.0	477.8	464.2
27.5°	672.5	673.9	672.5	670.5	663.0	632.5	570.7	563.3	551.7	538.8	525.3
30°	724.1	720.0	719.3	718.0	709.2	690.2	632.5	623.7	614.8	606.0	596.5
32.5°	778.4	771.6	769.6	769.6	763.5	746.5	703.7	699.0	686.1	679.3	671.2
35°	840.1	837.4	834.7	835.4	832.7	815.0	779.7	781.1	777.0	763.5	755.3
37.5°	930.4	931.1	926.3	917.5	917.5	901.9	881.5	878.8	868.6	865.3	860.5
40°	1059.3	1055.9	1051.9	1039.0	1034.2	1007.8	988.8	982.0	973.8	973.2	967.7
42.5°	1208.6	1204.6	1204.6	1195.1	1185.6	1153.7	1117.7	1113.0	1104.1	1106.8	1104.8
45°	1347.1	1350.5	1355.2	1362.0	1363.4	1349.8	1297.5	1291.4	1286.7	1284.0	1281.9
47.5°	1466.5	1472.6	1488.2	1517.4	1554.7	1559.5	1518.1	1501.8	1498.4	1493.7	1489.6
50°	1552.0	1560.9	1596.1	1653.1	1725.8	1770.5	1748.2	1734.6	1733.9	1721.0	1719.7
52.5°	1600.9	1610.4	1668.1	1754.3	1866.9	1954.5	1982.3	1981.6	1980.2	1968.7	1964.0
55°	1611.7	1621.9	1691.1	1808.6	1969.4	2120.7	2227.3	2230.0	2236.1	2232.7	2232.7
57.5°	1581.9	1594.8	1670.1	1815.3	2023.0	2252.4	2485.1	2500.8	2508.2	2534.7	2565.2
60°	1526.9	1536.4	1611.7	1773.9	2032.5	2372.5	2820.4	2869.9	2908.6	2960.9	3010.4
62.5°	1425.1	1444.1	1516.1	1692.5	2004.0	2510.9	3220.8	3312.4	3387.7	3467.1	3562.8
65°	1301.6	1309.8	1370.8	1524.9	1876.4	2563.9	3442.0	3531.6	3628.0	3712.8	3798.3
67.5°	1146.9	1153.7	1206.6	1272.4	1548.6	2316.2	3224.2	3323.3	3410.1	3480.0	3592.0
70°	751.2	766.2	895.8	960.9	1082.4	1712.2	2636.5	2732.2	2798.7	2846.2	2975.8
72.5°	550.4	559.9	612.1	746.5	776.4	1011.8	1855.4	1959.2	1983.6	2073.2	2133.6
75°	335.9	359.7	477.8	639.3	756.7	692.9	1111.6	1161.8	1218.1	1283.3	1341.0
77.5°	67.9	77.4	156.1	440.4	665.7	740.4	663.7	673.2	701.0	707.1	728.8
80°	10.9	11.5	20.4	190.0	385.5	598.6	663.7	654.9	639.3	628.4	617.6
82.5°	4.8	5.4	8.8	48.2	82.1	199.5	574.1	618.9	670.5	699.0	706.5
85°	2.0	2.0	3.4	9.5	12.2	13.6	97.0	128.3	228.7	304.0	350.2
87.5°	1.4	1.4	2.0	2.0	2.7	3.4	4.8	4.8	5.4	6.1	8.8
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°	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
2.5°	105.9	105.2	105.2	103.2	103.2	102.5	102.5	101.8	101.8	100.4	101.1
5°	123.5	122.2	120.8	118.8	118.1	116.7	115.4	113.3	112.7	111.3	110.6
7.5°	147.3	145.9	143.2	139.1	136.4	133.7	131.0	128.3	126.2	124.2	122.8
10°	176.4	172.4	171.0	162.9	159.5	154.0	150.7	147.9	143.9	140.5	138.4
12.5°	211.7	208.3	201.6	190.7	185.3	180.5	174.4	169.0	164.9	158.8	154.7
15°	248.4	245.7	236.2	223.9	217.2	208.3	202.2	196.8	188.0	183.9	176.4
17.5°	294.5	286.4	276.9	259.2	250.4	242.9	232.1	223.9	218.5	206.3	199.5
20°	342.0	333.2	321.0	301.3	289.1	277.6	268.7	257.9	246.3	238.2	226.7
22.5°	396.3	382.1	372.6	348.1	333.9	321.7	306.7	295.2	283.7	270.8	257.9
25°	454.0	439.8	428.2	400.4	385.5	373.2	355.6	339.3	325.1	310.8	295.9
27.5°	514.4	501.5	488.6	460.1	447.2	430.3	414.0	395.0	376.6	363.7	343.4
30°	584.3	573.4	559.2	528.7	514.4	496.8	479.8	457.4	439.8	422.1	402.4
32.5°	659.6	650.8	635.9	608.7	591.8	576.8	558.5	536.8	511.7	493.4	470.3
35°	751.2	736.3	727.5	701.7	688.8	672.5	653.5	634.5	608.1	582.3	562.6
37.5°	855.8	849.0	837.4	813.0	803.5	786.5	774.3	755.3	735.0	702.4	681.3
40°	963.0	958.2	948.0	923.6	914.1	902.6	888.3	870.0	845.6	828.6	797.4
42.5°	1099.4	1091.9	1083.8	1060.7	1042.4	1028.1	1022.0	1006.4	980.6	958.9	934.5
45°	1272.4	1269.0	1258.2	1235.1	1216.8	1207.3	1197.8	1171.3	1154.4	1132.6	1115.7
47.5°	1481.5	1470.6	1465.2	1439.4	1433.3	1425.8	1401.4	1386.4	1362.0	1345.0	1324.0
50°	1707.4	1695.9	1696.6	1665.4	1666.7	1661.3	1643.0	1625.3	1604.3	1589.4	1576.5
52.5°	1950.4	1955.8	1942.2	1951.7	1940.9	1928.7	1925.3	1903.6	1885.2	1884.6	1866.9
55°	2249.0	2240.2	2243.6	2253.1	2238.1	2251.7	2244.9	2217.1	2217.8	2223.2	2202.8
57.5°	2570.0	2582.9	2610.7	2616.8	2642.6	2624.9	2671.1	2637.8	2658.2	2658.2	2644.6
60°	3040.9	3092.5	3159.7	3212.0	3260.1	3244.5	3304.9	3266.9	3294.1	3271.0	3259.5
62.5°	3608.3	3676.8	3756.2	3841.1	3889.9	3902.1	3893.3	3910.3	3883.8	3866.8	3822.7
65°	3881.1	3949.0	4018.2	4120.0	4133.5	4143.7	4139.6	4111.1	4078.6	4030.4	3972.7
67.5°	3654.4	3749.4	3788.1	3905.5	3944.9	3930.6	3935.4	3898.7	3847.8	3800.3	3715.5
70°	3030.1	3138.7	3159.0	3327.3	3374.2	3442.0	3417.6	3406.7	3351.1	3311.0	3217.4
72.5°	2206.2	2291.1	2284.3	2473.6	2465.5	2493.3	2559.1	2556.4	2498.0	2485.1	2406.4
75°	1357.9	1408.8	1406.1	1540.5	1484.2	1476.0	1494.3	1486.2	1431.2	1374.2	1325.4
77.5°	719.3	742.4	718.0	678.0	673.9	628.4	615.5	614.8	572.8	521.2	483.2
80°	606.0	582.3	553.8	495.4	461.5	430.9	402.4	376.0	347.5	309.5	263.3
82.5°	707.8	696.3	675.9	602.6	567.3	506.3	460.8	418.0	365.8	326.4	267.4
85°	344.7	344.1	360.4	352.9	340.0	337.3	292.5	283.0	262.0	240.2	200.9
87.5°	9.5	6.8	8.1	6.8	8.1	8.8	6.1	14.3	8.8	8.1	9.5
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
2.5°	100.4	99.8	99.1	99.1	98.4	98.4	97.7	97.0	97.0	96.4	96.4
5°	109.3	107.9	107.2	106.5	105.2	104.5	103.2	102.5	101.1	100.4	99.1
7.5°	120.1	118.8	116.0	114.7	112.7	112.0	108.6	107.2	105.9	104.5	102.5
10°	133.7	130.3	127.6	124.9	121.5	118.8	116.0	114.0	111.3	107.9	106.5
12.5°	150.7	145.9	141.8	137.1	133.0	128.9	124.2	120.8	116.7	113.3	109.9
15°	169.7	162.9	157.4	150.7	143.9	139.1	134.4	129.6	124.2	119.4	115.4
17.5°	191.4	182.6	175.1	166.9	159.5	152.7	144.5	138.4	132.3	125.5	120.1
20°	214.4	205.6	195.4	186.6	175.8	168.3	158.1	150.0	141.2	134.4	126.9
22.5°	245.0	233.4	220.6	208.3	196.8	185.3	174.4	164.2	153.4	143.2	135.7
25°	281.0	266.7	250.4	238.2	221.9	209.0	195.4	182.6	171.0	158.1	145.9
27.5°	325.7	306.7	289.1	272.1	254.5	238.2	220.6	205.6	190.0	175.1	161.5
30°	378.0	359.7	333.2	314.2	296.6	274.2	256.5	236.8	219.2	197.5	182.6
32.5°	447.2	423.5	395.6	370.5	347.5	322.3	297.9	272.8	249.7	230.1	207.7
35°	537.5	509.7	476.4	444.5	418.7	388.2	357.0	328.5	302.0	273.5	245.7
37.5°	651.5	625.7	589.7	551.0	516.4	479.8	447.2	407.2	371.9	337.3	302.0
40°	764.8	741.1	703.7	662.3	617.6	575.5	534.1	488.6	443.8	400.4	363.7
42.5°	904.6	869.3	829.3	782.5	739.0	688.8	637.2	585.0	531.4	479.1	426.9
45°	1080.4	1053.2	996.9	946.7	895.1	836.1	772.3	712.6	644.0	582.3	513.0
47.5°	1294.1	1245.3	1203.9	1157.7	1093.3	1036.3	954.8	884.3	798.7	716.6	633.8
50°	1546.6	1519.5	1464.5	1406.8	1336.9	1269.0	1189.6	1087.8	985.4	897.8	784.5
52.5°	1841.8	1803.1	1768.5	1708.8	1637.5	1550.7	1460.4	1349.8	1224.3	1100.7	979.9
55°	2192.0	2164.8	2131.6	2084.1	1993.1	1894.7	1786.2	1653.8	1505.2	1338.9	1198.5
57.5°	2643.9	2615.4	2583.5	2485.8	2424.1	2303.3	2145.8	2008.7	1848.6	1635.5	1461.1
60°	3260.8	3222.1	3177.4	3098.0	2969.0	2812.2	2643.3	2440.4	2244.2	2011.5	1782.8
62.5°	3788.1	3726.4	3630.7	3528.2	3373.5	3193.6	2981.2	2742.3	2519.1	2257.1	2002.6
65°	3896.7	3811.9	3699.2	3565.5	3406.0	3203.1	2981.2	2752.5	2489.9	2243.6	1987.7
67.5°	3614.4	3516.0	3400.6	3251.3	3099.3	2890.3	2698.9	2466.1	2219.1	2006.0	1777.3
70°	3150.2	3004.3	2886.2	2727.4	2573.4	2409.1	2207.6	2033.2	1832.3	1636.2	1461.1
72.5°	2365.7	2221.8	2114.6	1987.7	1896.1	1722.4	1574.4	1444.1	1325.4	1178.8	1049.2
75°	1275.1	1167.2	1095.3	1037.6	955.5	840.8	770.2	680.7	630.4	569.4	510.3
77.5°	416.0	366.5	312.8	260.6	223.9	168.3	162.9	129.6	122.2	118.8	91.6
80°	213.1	164.2	118.8	85.5	65.1	57.7	55.0	52.3	49.5	47.5	44.1
82.5°	213.8	154.7	106.5	74.0	53.6	44.8	42.1	40.7	38.7	36.6	33.9
85°	156.1	115.4	79.4	54.3	37.3	29.9	28.5	26.5	25.1	24.4	21.7
87.5°	10.2	7.5	6.8	6.1	6.1	6.1	6.8	6.1	6.8	6.8	6.1
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°	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
2.5°	95.7	95.0	95.0	94.3	93.7	93.7	93.0	93.0	90.9	87.5	84.8
5°	98.4	97.0	96.4	95.7	95.0	93.7	93.0	92.3	88.9	82.1	76.7
7.5°	100.4	99.1	98.4	97.0	95.0	94.3	93.0	91.6	86.2	76.7	70.6
10°	103.8	101.8	99.8	97.7	95.7	94.3	92.3	90.9	82.8	71.9	65.8
12.5°	107.2	104.5	101.8	98.4	96.4	94.3	92.3	89.6	80.1	67.9	61.1
15°	111.3	107.2	103.8	100.4	97.0	94.3	90.9	88.9	77.4	64.5	58.4
17.5°	115.4	110.6	105.9	101.1	97.7	93.7	90.9	87.5	74.6	61.8	55.0
20°	120.1	113.3	108.6	103.2	98.4	93.7	89.6	86.2	71.9	58.4	51.6
22.5°	126.9	118.8	111.3	105.2	99.1	94.3	89.6	84.8	69.2	55.6	48.9
25°	135.7	125.5	116.7	109.3	101.8	95.7	90.3	85.5	67.2	53.6	45.5
27.5°	148.6	135.7	126.2	116.0	106.5	99.1	92.3	86.9	65.8	51.6	43.4
30°	164.2	151.3	136.4	124.2	114.0	103.8	96.4	88.2	64.5	49.5	40.7
32.5°	187.3	169.0	151.3	136.4	122.2	110.6	99.8	91.6	63.8	46.1	38.0
35°	220.6	195.4	174.4	154.7	135.0	120.8	107.9	97.0	63.1	43.4	35.3
37.5°	268.1	238.2	211.1	183.2	158.8	138.4	120.8	106.5	63.1	41.4	32.6
40°	319.0	280.3	245.7	211.1	179.8	154.0	130.3	112.7	61.8	38.7	29.9
42.5°	376.6	329.1	281.6	238.9	200.2	166.9	139.1	117.4	58.4	36.0	27.1
45°	454.0	391.6	334.6	279.6	229.4	185.9	150.7	122.8	55.0	33.9	24.4
47.5°	551.0	478.4	404.5	335.2	269.4	214.4	167.6	131.7	52.9	31.2	22.4
50°	695.6	592.4	494.7	406.5	323.0	251.1	192.7	144.5	50.9	29.2	20.4
52.5°	854.4	727.5	612.8	499.5	395.6	300.6	221.9	161.5	48.9	27.1	18.3
55°	1047.8	891.7	751.9	604.7	471.6	358.3	257.9	180.5	46.1	25.1	17.0
57.5°	1286.7	1089.2	923.6	743.8	576.8	433.0	306.1	212.4	43.4	22.4	14.9
60°	1553.4	1330.1	1121.8	910.7	708.5	532.0	377.3	257.9	40.7	19.7	12.9
62.5°	1745.4	1500.5	1262.3	1025.4	803.5	606.0	435.0	293.2	36.6	17.0	11.5
65°	1743.4	1495.0	1255.5	1022.0	806.2	608.7	437.0	300.0	32.6	14.9	10.2
67.5°	1553.4	1344.4	1130.6	920.9	732.2	553.8	404.5	278.2	27.8	13.6	8.8
70°	1277.9	1111.6	942.6	776.4	625.0	474.4	349.5	242.3	23.8	12.2	7.5
72.5°	933.1	811.6	708.5	591.1	487.9	374.6	278.9	190.0	19.0	10.2	6.8
75°	463.5	414.6	355.6	319.0	272.1	222.6	173.1	110.6	15.6	8.1	6.1
77.5°	88.2	78.7	75.3	65.1	59.7	52.9	46.8	33.3	12.2	6.1	5.4
80°	40.7	37.3	33.9	30.5	27.1	23.1	20.4	17.6	9.5	4.8	6.1
82.5°	31.9	29.2	25.8	23.1	20.4	17.6	14.9	12.9	6.1	4.1	6.1
85°	21.0	18.3	16.3	14.3	12.2	10.9	9.5	8.1	4.1	4.1	4.1
87.5°	6.1	6.1	5.4	5.4	4.8	4.8	4.1	4.1	3.4	3.4	3.4
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):

	125°	135°	145°	155°	165°	175°	180°
0°	92.3	92.3	92.3	92.3	92.3	92.3	92.3
2.5°	82.1	78.7	77.4	76.7	76.7	77.4	76.7
5°	72.6	69.2	67.9	66.5	66.5	66.5	67.2
7.5°	66.5	63.1	61.1	60.4	59.7	60.4	60.4
10°	61.1	58.4	55.6	54.3	54.3	54.3	54.3
12.5°	57.0	53.6	50.9	50.2	49.5	49.5	49.5
15°	53.6	49.5	47.5	46.1	45.5	45.5	46.1
17.5°	49.5	46.1	43.4	42.8	42.8	42.8	42.8
20°	46.8	42.8	40.7	39.4	39.4	39.4	39.4
22.5°	43.4	40.0	37.3	36.0	36.0	36.0	36.0
25°	40.7	37.3	34.6	33.3	33.3	33.3	33.3
27.5°	38.0	34.6	31.9	30.5	30.5	30.5	30.5
30°	35.3	31.9	29.2	27.8	27.8	27.8	27.8
32.5°	33.3	29.2	26.5	25.1	25.1	25.8	25.1
35°	29.9	26.5	23.8	22.4	22.4	22.4	22.4
37.5°	27.1	23.8	21.0	19.7	19.7	19.7	19.0
40°	25.1	21.0	18.3	17.0	16.3	16.3	16.3
42.5°	21.7	17.6	15.6	14.3	13.6	13.6	13.6
45°	19.7	15.6	12.9	11.5	11.5	11.5	11.5
47.5°	17.6	13.6	10.9	9.5	9.5	10.2	10.2
50°	15.6	11.5	8.8	8.8	8.8	9.5	9.5
52.5°	13.6	10.2	8.1	8.1	8.8	9.5	9.5
55°	12.2	8.8	7.5	8.1	8.8	9.5	9.5
57.5°	10.9	7.5	7.5	8.1	8.8	9.5	9.5
60°	9.5	6.8	6.8	7.5	8.8	9.5	9.5
62.5°	8.1	6.8	6.8	7.5	8.8	9.5	9.5
65°	7.5	6.8	6.8	7.5	8.8	9.5	9.5
67.5°	6.8	6.1	6.8	7.5	8.1	8.8	8.8
70°	6.1	6.1	6.8	7.5	8.1	8.8	8.8
72.5°	6.1	6.1	6.1	6.8	7.5	8.1	8.1
75°	6.1	6.1	6.1	6.8	7.5	8.1	8.1
77.5°	6.1	5.4	5.4	6.1	7.5	8.1	8.1
80°	6.1	5.4	5.4	6.1	6.8	8.1	8.1
82.5°	4.8	4.8	5.4	6.1	6.8	7.5	7.5
85°	4.1	4.8	4.8	5.4	6.1	7.5	7.5
87.5°	3.4	3.4	4.1	4.8	5.4	6.1	6.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)