

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: P180422

Luminaire Tested: **ICS-F01-LED-E1-SL2-HSS-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180422
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33726)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICS-F01-LED-E1-SL2-HSS-7030
Description: ICON SITE SMALL LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (7) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1244.3 lumens
Efficiency: N/A
Efficacy: 48.0 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

Input Watts (W): 25.9
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



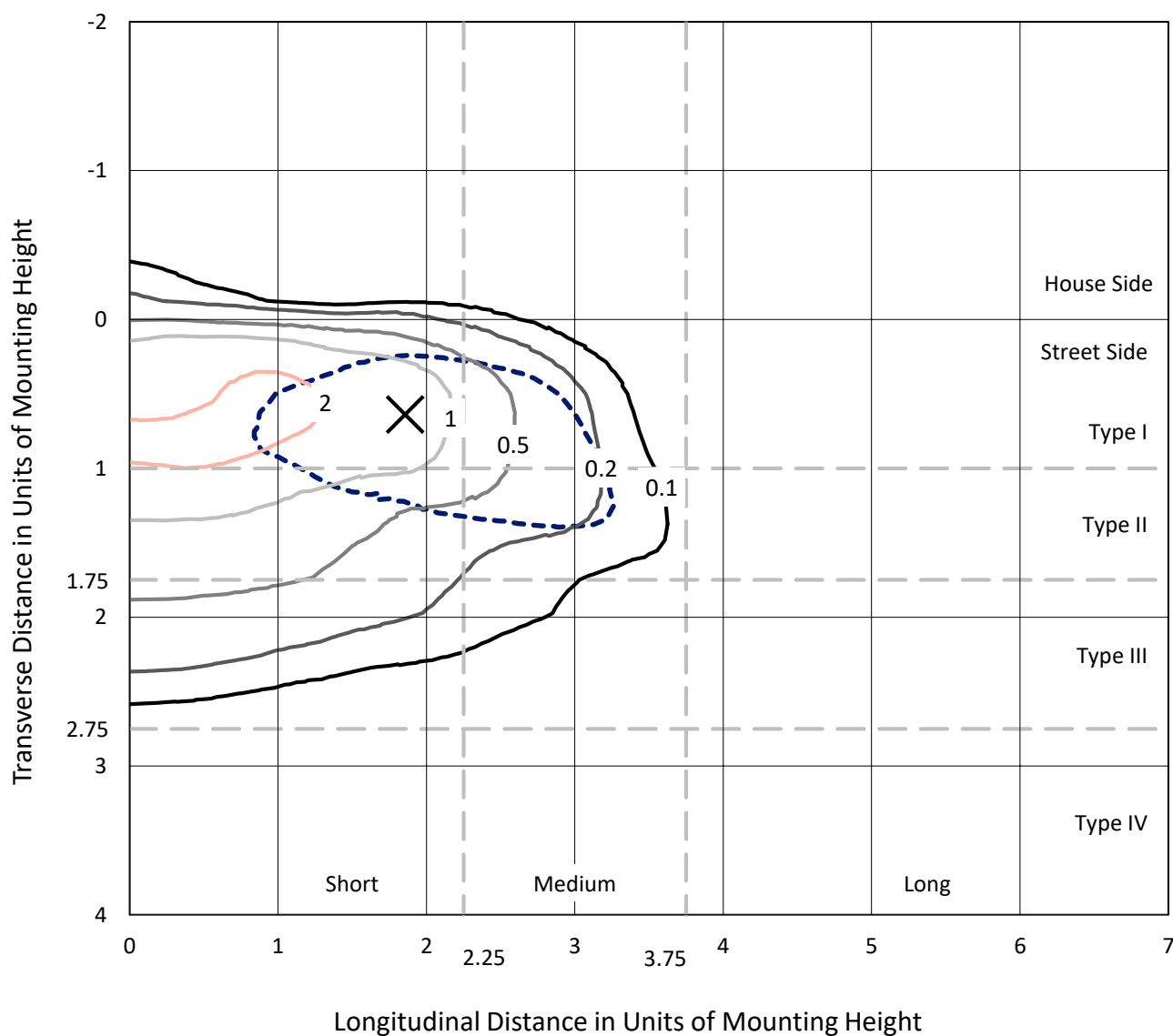
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

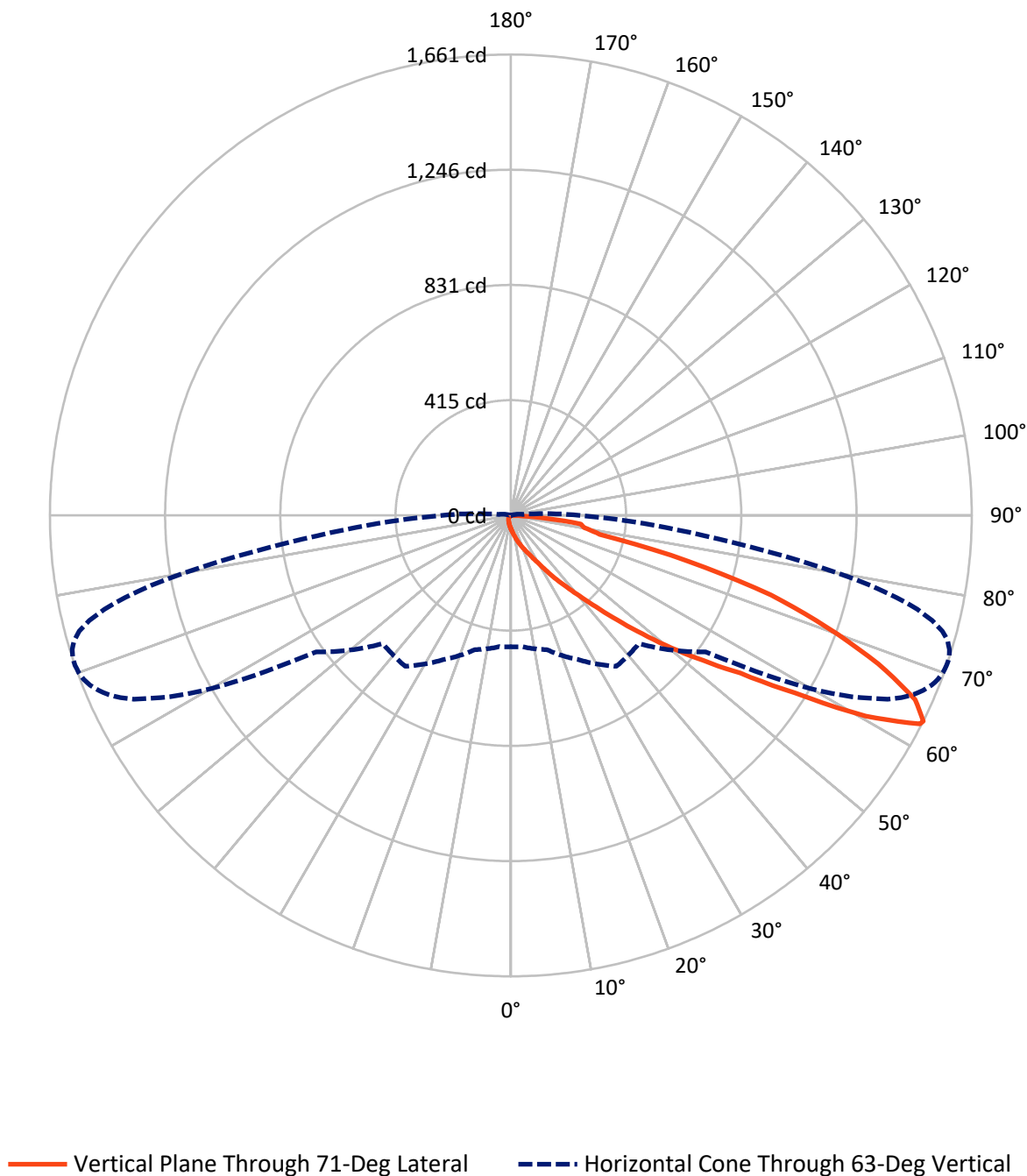


Based on 10 foot mounting height. Maximum calculated value = 2.6 fc
Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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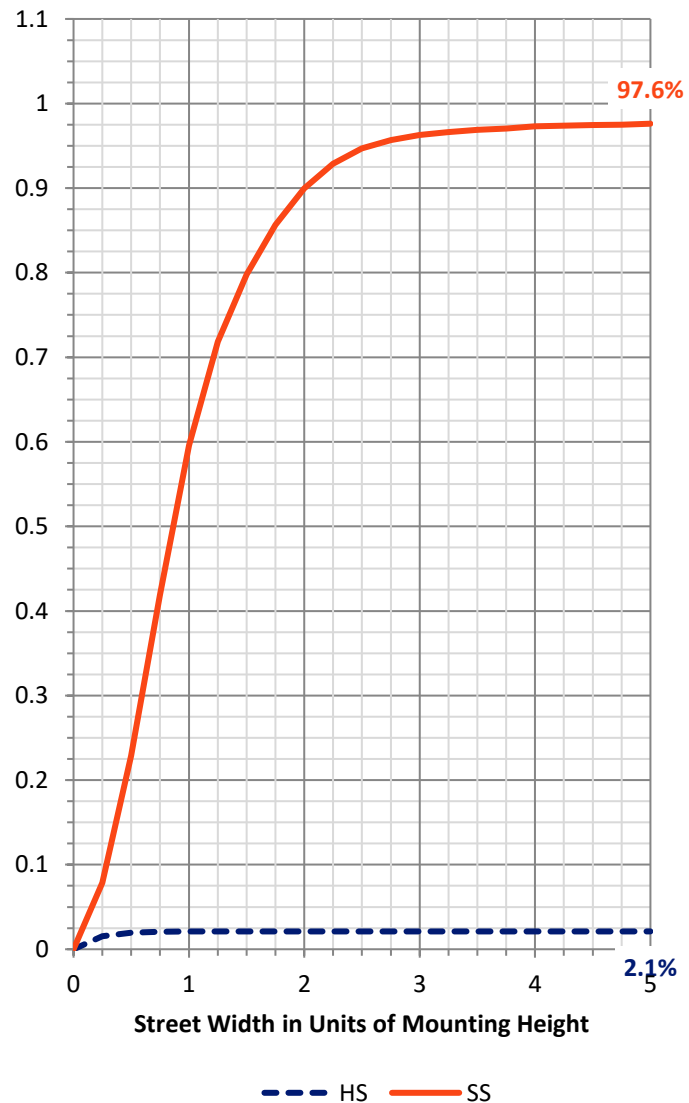
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	26.4	0.0	26.4
	% Fixture	2.1	0.0	2.1
Street Side	Lumens	1217.9	0.0	1217.9
	% Fixture	97.9	0.0	97.9
Total	Lumens	1244.3	0.0	1244.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.3	0.4
10°-20°	20.5	1.6
20°-30°	41.6	3.3
30°-40°	101.5	8.2
40°-50°	227.1	18.2
50°-60°	319.3	25.7
60°-70°	375.4	30.2
70°-80°	135.6	10.9
80°-90°	18.1	1.5
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°	1244.3	100.0
0°-180°	1244.3	100.0

Coefficient of Utilization



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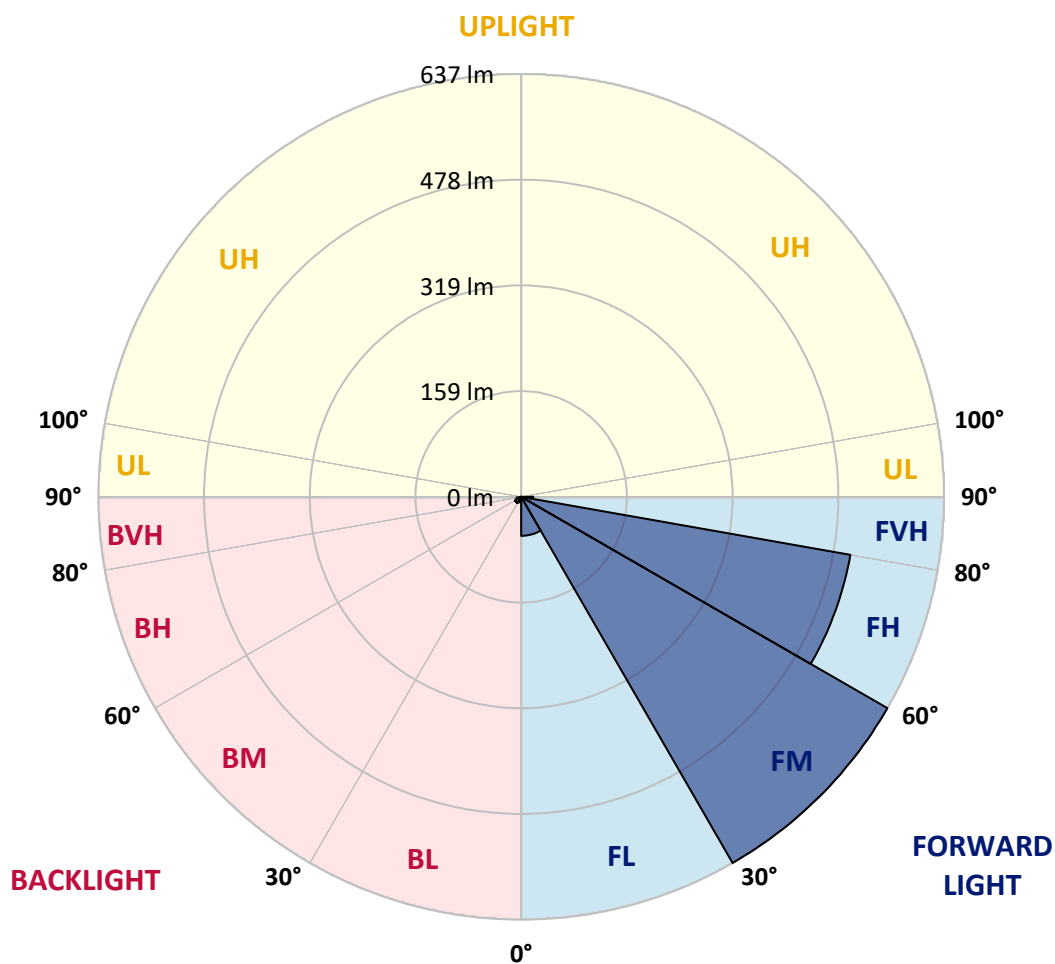
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	58.8	4.7			
FM	(30°-60°)	637.2	51.2			
FH	(60°-80°)	503.8	40.5			G0/660
FVH	(80°-90°)	18.1	1.5			G1/100
BL	(0°-30°)	8.5	0.7	B0/110		
BM	(30°-60°)	10.6	0.9	B0/220		
BH	(60°-80°)	7.2	0.6	B0/110		G0/110
BVH	(80°-90°)	0.0	0.0			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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
2.5°	62.4	63.1	62.7	61.5	60.2	58.4	56.8	56.8	56.6	55.9	56.1
5°	81.9	82.1	81.2	78.5	76.0	72.2	67.9	67.4	67.0	66.3	66.1
7.5°	100.9	101.8	100.9	97.9	93.0	87.1	80.3	79.6	78.3	78.3	77.4
10°	120.3	120.3	119.4	116.0	111.5	103.2	94.6	93.4	91.8	91.4	90.0
12.5°	134.1	134.1	133.7	131.9	128.3	120.8	110.4	109.3	107.2	106.5	105.0
15°	139.6	139.6	139.8	141.4	141.6	138.2	127.4	126.5	124.4	122.6	121.9
17.5°	143.0	142.7	142.7	145.0	149.1	151.3	144.3	143.4	141.2	140.3	138.0
20°	150.4	150.0	148.6	148.6	152.5	160.4	160.4	160.2	157.7	157.0	155.9
22.5°	161.5	161.1	157.0	153.6	155.4	165.4	174.6	174.2	173.3	172.4	171.7
25°	179.6	178.0	171.0	161.1	159.5	170.1	185.5	186.6	187.3	187.3	187.8
27.5°	207.0	204.9	192.5	174.0	166.9	177.8	197.5	199.7	201.8	202.2	204.3
30°	245.0	241.4	223.5	196.4	180.3	189.1	215.1	217.6	220.6	221.5	224.6
32.5°	307.4	305.4	288.2	247.5	213.1	211.3	239.8	242.9	246.8	248.4	252.2
35°	402.4	402.9	388.9	352.2	304.7	279.8	283.9	286.6	288.0	292.7	294.8
37.5°	466.9	468.0	471.2	456.7	422.8	397.5	365.6	368.5	361.5	362.2	362.4
40°	502.2	505.8	524.4	538.4	535.7	521.0	495.4	497.0	483.9	480.9	466.7
42.5°	525.7	530.5	560.1	603.5	625.7	639.0	633.2	632.5	622.3	618.5	606.5
45°	540.4	544.7	582.0	646.1	697.2	736.1	752.1	754.0	745.4	741.5	731.6
47.5°	539.7	544.7	584.8	661.9	737.2	799.4	844.7	846.9	852.1	848.7	849.4
50°	509.9	514.6	554.9	635.0	725.5	828.4	911.2	918.4	926.8	932.4	935.2
52.5°	473.7	477.1	512.8	588.8	675.2	816.4	950.5	963.0	975.4	986.1	993.5
55°	460.3	464.2	492.2	555.3	635.0	766.2	968.9	987.2	1004.8	1022.2	1036.5
57.5°	467.4	471.0	491.1	539.5	611.0	713.2	974.1	1002.6	1031.5	1059.8	1087.8
60°	493.1	497.0	514.2	554.2	604.7	682.7	953.7	1001.0	1049.2	1098.5	1144.9
62.5°	483.0	484.5	509.9	580.0	649.9	656.7	879.7	945.8	1019.3	1095.3	1170.2
63°	473.2	475.0	500.8	573.0	663.7	652.8	856.9	926.6	1004.1	1086.0	1167.5
65°	429.1	429.3	449.0	506.0	648.3	659.6	755.1	821.6	910.7	1008.9	1111.8
67.5°	320.3	318.7	337.7	381.2	509.0	659.9	648.1	685.4	747.4	834.5	926.8
70°	113.6	111.1	141.8	202.0	317.1	539.7	556.9	559.4	576.6	623.7	681.6
72.5°	36.9	37.6	45.2	74.0	146.1	363.3	504.2	496.5	492.0	491.8	499.5
75°	14.7	14.9	18.1	32.8	65.6	175.1	441.6	445.9	447.4	449.7	452.2
77.5°	7.0	7.7	10.2	18.3	32.6	86.6	316.0	352.4	373.2	389.3	399.0
80°	2.5	2.9	5.7	11.3	15.2	39.8	166.5	200.9	231.4	270.8	304.7
82.5°	0.0	0.0	1.1	7.9	8.4	16.1	68.3	80.1	91.6	118.8	152.5
85°	0.0	0.0	0.0	2.3	2.5	2.7	23.1	27.8	31.2	36.4	42.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	1.4	3.4	5.2
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°	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
2.5°	55.6	55.4	55.4	55.0	54.7	54.3	54.1	53.4	53.2	53.2	53.2
5°	65.8	64.9	64.5	63.3	62.7	62.4	61.3	60.9	60.2	60.4	59.3
7.5°	77.1	75.6	74.9	73.3	72.8	71.3	70.8	69.7	69.0	67.6	67.2
10°	89.6	87.5	86.4	83.9	83.2	82.1	80.8	79.4	78.3	76.9	76.2
12.5°	103.8	102.0	101.1	97.7	96.1	94.6	92.7	90.9	89.1	88.0	86.4
15°	120.6	117.6	116.7	113.6	110.8	108.8	106.3	104.1	102.7	100.4	98.9
17.5°	137.1	134.1	133.5	128.7	125.8	124.4	121.7	118.8	116.3	114.0	111.5
20°	153.6	151.6	149.8	145.2	142.1	139.8	136.2	133.2	131.2	128.0	124.9
22.5°	170.1	168.1	166.7	162.0	159.0	155.9	152.7	149.5	146.6	142.7	139.1
25°	187.1	185.7	185.0	180.7	178.0	175.1	171.9	168.3	164.7	160.4	156.5
27.5°	204.7	205.2	203.8	202.9	200.0	197.9	193.0	190.5	187.8	182.6	177.8
30°	227.1	228.5	228.0	228.7	226.9	225.5	221.7	218.5	215.4	210.4	204.9
32.5°	255.4	257.2	258.1	260.6	259.7	259.2	258.1	253.6	251.3	242.7	240.5
35°	299.1	298.1	302.0	304.0	303.1	302.7	301.3	298.8	296.1	290.0	284.3
37.5°	355.8	356.7	358.1	354.0	351.3	351.1	347.0	344.5	340.7	333.9	327.1
40°	459.9	454.2	447.9	430.7	423.2	418.9	407.0	403.6	397.0	387.7	380.7
42.5°	595.2	589.5	570.5	541.8	526.4	505.1	495.4	483.4	474.1	459.0	450.8
45°	729.5	713.2	711.0	677.5	658.5	630.4	613.0	592.9	571.9	552.0	537.5
47.5°	842.9	839.2	828.2	807.8	790.2	766.6	744.2	713.2	691.5	663.2	637.2
50°	933.6	933.3	929.3	917.5	902.8	883.8	864.1	837.9	813.2	778.6	750.8
52.5°	1001.4	1005.1	1006.4	1002.8	997.1	980.4	970.4	948.5	927.7	898.3	868.2
55°	1051.2	1064.5	1071.3	1079.0	1077.4	1071.6	1071.1	1056.9	1047.4	1024.1	1002.8
57.5°	1112.7	1134.7	1155.7	1193.0	1194.4	1207.5	1214.3	1221.1	1222.9	1213.6	1206.6
60°	1191.0	1235.8	1275.6	1353.6	1374.0	1406.1	1426.9	1449.6	1468.8	1470.4	1469.9
62.5°	1246.2	1315.2	1379.4	1495.3	1534.8	1571.9	1599.8	1621.7	1635.0	1648.6	1655.0
63°	1247.8	1323.3	1391.6	1511.1	1552.7	1588.0	1614.5	1634.8	1648.8	1657.0	1661.1
65°	1209.5	1301.2	1382.6	1501.6	1540.7	1576.2	1590.0	1603.4	1610.2	1613.3	1601.3
67.5°	1025.2	1114.8	1209.8	1342.8	1376.3	1418.8	1430.1	1436.9	1440.1	1439.4	1429.2
70°	766.6	841.7	947.4	1099.4	1143.7	1185.3	1211.1	1222.2	1225.8	1224.7	1209.5
72.5°	535.2	579.3	666.4	835.6	896.0	949.4	981.3	997.8	1001.2	994.4	980.4
75°	449.5	451.7	471.4	563.9	620.5	677.5	713.5	723.9	717.1	696.5	660.8
77.5°	401.3	406.3	406.3	420.1	431.2	447.0	450.4	425.0	395.6	357.6	326.9
80°	336.6	354.0	366.2	376.4	377.5	374.4	366.0	351.8	329.1	300.2	268.1
82.5°	204.5	238.9	252.9	305.4	331.2	348.6	347.2	328.2	311.0	281.0	253.6
85°	51.6	55.6	60.4	78.5	88.0	107.4	119.7	125.3	127.4	117.0	105.9
87.5°	5.0	3.4	5.7	4.3	6.1	4.5	6.1	5.7	7.0	7.5	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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
2.5°	52.7	52.5	52.3	52.0	51.8	51.6	51.1	51.1	50.7	50.4	50.2
5°	58.6	58.1	57.9	57.5	56.8	56.3	55.6	54.7	54.1	53.8	53.4
7.5°	66.1	64.9	64.5	63.8	62.9	61.5	60.6	59.9	58.8	58.1	56.8
10°	74.4	73.3	71.9	70.6	69.2	67.6	66.5	65.6	63.8	62.9	61.3
12.5°	85.1	83.0	81.4	79.6	77.8	76.0	74.6	71.9	70.4	68.3	67.0
15°	95.9	94.1	92.3	90.0	87.3	84.4	83.0	80.5	78.5	75.3	73.5
17.5°	109.0	105.6	102.9	100.2	97.7	95.0	92.3	88.4	85.5	82.8	79.2
20°	121.9	117.9	114.9	111.3	107.7	103.4	100.2	97.5	93.4	89.8	86.0
22.5°	135.7	131.7	126.9	123.3	118.3	114.9	110.6	106.1	102.0	97.3	92.5
25°	152.5	148.2	142.7	138.0	132.3	127.6	122.4	117.2	112.2	106.8	100.7
27.5°	173.1	168.5	162.6	157.0	149.5	143.6	138.7	131.7	125.3	118.5	111.5
30°	199.1	194.1	186.8	178.7	171.2	164.7	157.7	148.4	141.4	133.2	124.2
32.5°	233.0	227.1	217.4	209.7	200.4	191.8	182.1	172.8	162.9	152.2	141.8
35°	275.8	270.3	259.0	247.7	237.5	227.3	215.1	204.5	190.5	177.6	164.2
37.5°	320.1	310.4	300.0	287.7	275.1	262.9	247.9	233.2	217.2	203.1	186.4
40°	370.8	359.0	350.4	337.3	319.4	302.0	288.2	269.9	249.7	231.0	211.3
42.5°	440.2	427.1	411.7	391.8	378.9	358.5	340.7	319.0	292.5	271.5	247.7
45°	520.5	502.6	487.7	468.5	452.9	427.5	406.7	377.8	351.3	323.7	294.8
47.5°	612.1	590.0	568.2	549.2	524.4	499.5	473.0	442.2	408.3	378.0	343.6
50°	717.3	685.9	655.8	631.4	597.2	568.5	539.7	505.1	467.6	432.7	393.6
52.5°	834.3	797.8	758.0	720.5	680.9	644.0	609.4	569.6	527.7	485.2	441.6
55°	975.4	948.0	901.2	853.5	800.6	751.2	706.7	657.4	606.5	550.6	504.7
57.5°	1196.4	1183.1	1143.9	1096.2	1027.2	967.3	891.7	831.3	757.6	680.7	621.4
60°	1495.9	1479.4	1457.5	1418.8	1364.0	1282.6	1199.4	1105.5	993.3	886.7	785.6
62.5°	1655.6	1649.8	1631.9	1605.2	1554.1	1489.8	1405.9	1302.7	1176.1	1046.7	917.7
63°	1660.4	1652.9	1637.5	1610.4	1565.4	1503.2	1420.8	1320.6	1196.7	1064.8	933.1
65°	1596.1	1593.2	1577.6	1548.0	1517.2	1469.7	1405.9	1319.7	1215.7	1091.0	960.0
67.5°	1415.6	1406.8	1382.8	1373.8	1352.3	1319.3	1270.6	1211.4	1136.9	1039.0	925.9
70°	1197.3	1184.2	1154.1	1138.1	1111.8	1091.0	1061.4	1019.1	973.2	904.8	820.5
72.5°	965.9	938.8	911.2	869.3	832.7	795.6	762.8	732.9	682.5	654.9	590.9
75°	627.3	578.0	530.7	467.4	410.3	359.9	310.8	285.9	234.1	213.1	183.0
77.5°	297.7	270.1	233.0	204.3	167.6	136.9	111.7	83.9	65.8	51.6	39.4
80°	240.2	216.9	194.5	168.5	140.9	112.4	86.2	64.5	45.7	31.7	22.4
82.5°	214.2	188.9	161.3	143.4	124.6	102.0	83.7	68.3	50.4	36.9	25.1
85°	83.2	70.1	54.1	44.1	34.4	28.3	25.6	17.6	13.8	10.9	8.4
87.5°	7.2	5.9	4.8	3.2	3.4	1.8	2.0	1.4	1.1	1.1	0.9
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
2.5°	50.0	49.8	49.5	49.1	49.1	48.6	48.4	48.2	47.1	44.6	42.5
5°	52.5	52.0	51.6	50.9	50.4	49.8	49.3	48.6	46.1	41.4	37.3
7.5°	56.1	55.2	54.5	53.2	52.5	51.6	50.9	49.8	45.7	38.5	32.8
10°	60.4	58.8	57.7	56.1	54.7	53.6	52.5	50.9	45.2	35.3	28.7
12.5°	65.6	63.8	61.5	59.7	57.9	56.3	54.7	52.7	44.6	32.6	25.6
15°	70.8	68.1	66.5	64.0	61.5	59.3	57.0	55.2	44.8	29.6	22.8
17.5°	76.7	74.0	70.6	67.9	65.1	62.2	59.5	55.9	43.7	27.4	20.8
20°	82.3	78.5	75.3	71.9	68.1	64.5	61.1	57.9	42.8	25.1	19.0
22.5°	88.4	83.9	79.9	75.6	70.8	66.7	62.7	58.6	41.2	23.1	17.4
25°	95.9	90.7	84.8	79.6	74.6	69.7	64.5	59.5	39.6	21.3	16.3
27.5°	105.0	98.2	92.3	85.7	78.7	72.4	66.7	61.3	38.0	19.9	15.2
30°	116.5	108.6	100.2	91.8	84.4	77.1	69.2	62.4	36.4	18.5	14.0
32.5°	131.9	121.9	111.7	102.0	92.1	82.8	74.4	65.6	35.5	17.4	12.9
35°	152.2	139.3	126.9	114.7	102.7	91.4	80.5	70.6	35.5	16.1	11.5
37.5°	171.5	156.5	140.7	125.5	111.3	98.2	85.3	73.3	33.7	14.9	10.4
40°	192.3	174.4	155.9	138.0	120.8	104.5	89.8	76.0	32.1	13.6	9.3
42.5°	224.2	201.6	177.3	156.5	136.0	115.8	97.5	81.2	30.1	12.2	8.1
45°	266.0	237.3	208.8	183.5	157.2	132.6	110.8	90.7	29.6	11.1	7.0
47.5°	310.8	276.9	243.4	211.1	180.3	151.6	125.5	101.3	29.6	10.0	6.1
50°	355.4	312.8	277.1	239.6	204.9	171.0	140.0	112.4	29.9	9.0	5.0
52.5°	395.6	350.2	310.1	266.7	228.5	189.1	155.4	123.3	29.4	7.9	4.1
55°	451.5	398.1	351.8	303.8	259.0	214.7	176.4	139.6	29.6	7.0	3.4
57.5°	554.4	491.8	435.9	373.0	321.4	264.2	217.8	173.1	32.3	5.9	2.5
60°	702.2	620.7	542.2	465.5	399.9	331.9	271.7	219.0	38.0	4.8	1.8
62.5°	801.5	694.9	601.3	516.7	440.4	369.2	303.6	243.6	41.8	3.8	1.1
63°	811.6	701.5	607.4	520.1	442.2	371.0	304.9	245.4	42.1	3.6	1.1
65°	830.9	712.8	610.8	520.7	440.4	368.5	304.0	245.2	42.5	2.9	0.9
67.5°	808.9	695.4	591.1	501.3	424.6	353.8	292.7	236.2	42.3	2.0	0.7
70°	723.4	629.3	537.7	454.0	384.3	320.3	266.5	215.4	38.9	1.4	0.5
72.5°	531.1	467.1	396.1	335.7	289.5	240.5	205.2	161.7	30.1	0.9	0.2
75°	157.4	143.4	120.6	106.3	93.9	77.6	69.0	53.8	15.4	0.5	0.0
77.5°	31.4	28.5	25.6	23.3	21.9	18.8	17.9	14.7	6.3	0.2	0.0
80°	16.5	13.6	11.5	10.2	8.8	7.2	6.1	5.0	1.1	0.0	0.0
82.5°	15.8	10.6	7.7	6.3	5.4	4.3	3.4	2.5	0.7	0.0	0.0
85°	5.9	4.5	3.4	2.7	2.3	2.0	1.6	1.4	0.0	0.0	0.0
87.5°	0.9	0.7	0.7	0.5	0.5	0.2	0.2	0.2	0.0	0.0	0.0
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°	47.7	47.7	47.7	47.7	47.7	47.7	47.7
2.5°	40.5	38.7	37.8	36.6	36.6	36.4	36.9
5°	33.7	31.2	29.4	28.1	28.3	27.6	27.8
7.5°	28.5	26.0	24.4	23.5	23.3	23.1	23.1
10°	24.7	22.4	21.0	20.4	20.1	20.1	20.1
12.5°	21.9	19.7	18.5	18.1	18.1	17.9	17.9
15°	19.7	17.9	16.7	16.3	16.3	16.1	16.3
17.5°	17.9	16.1	15.2	14.7	14.7	14.5	14.5
20°	16.3	14.7	13.8	13.1	13.1	12.9	13.1
22.5°	14.9	13.3	12.2	11.8	11.5	11.3	11.5
25°	13.6	12.0	10.9	10.2	10.0	10.0	9.7
27.5°	12.4	10.9	9.5	8.8	8.6	8.6	8.4
30°	11.3	9.5	8.1	7.5	7.2	7.2	7.2
32.5°	10.2	8.1	7.0	6.3	6.1	6.1	6.1
35°	9.0	7.0	5.9	5.2	5.0	5.0	5.0
37.5°	7.7	5.9	4.5	4.1	3.8	3.6	3.6
40°	6.6	4.5	3.4	2.9	2.5	2.5	2.5
42.5°	5.4	3.6	2.5	1.8	1.6	1.4	1.6
45°	4.5	2.7	1.6	0.9	0.7	0.7	0.7
47.5°	3.6	1.8	0.7	0.2	0.2	0.2	0.2
50°	2.7	1.1	0.2	0.0	0.0	0.2	0.2
52.5°	2.0	0.7	0.0	0.0	0.0	0.0	0.0
55°	1.1	0.2	0.0	0.0	0.0	0.0	0.0
57.5°	0.7	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.5	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.2	0.0	0.0	0.0	0.0	0.0	0.0
63°	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.2	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)