

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: P180363

Luminaire Tested: **ICM-F01-LED-E1-SL2-HSS**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180363
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: ICM-F01-LED-E1-SL2-HSS
Description: ICON SITE MEDIUM LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (7) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1408.1 lumens
Efficiency: N/A
Efficacy: 54.4 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

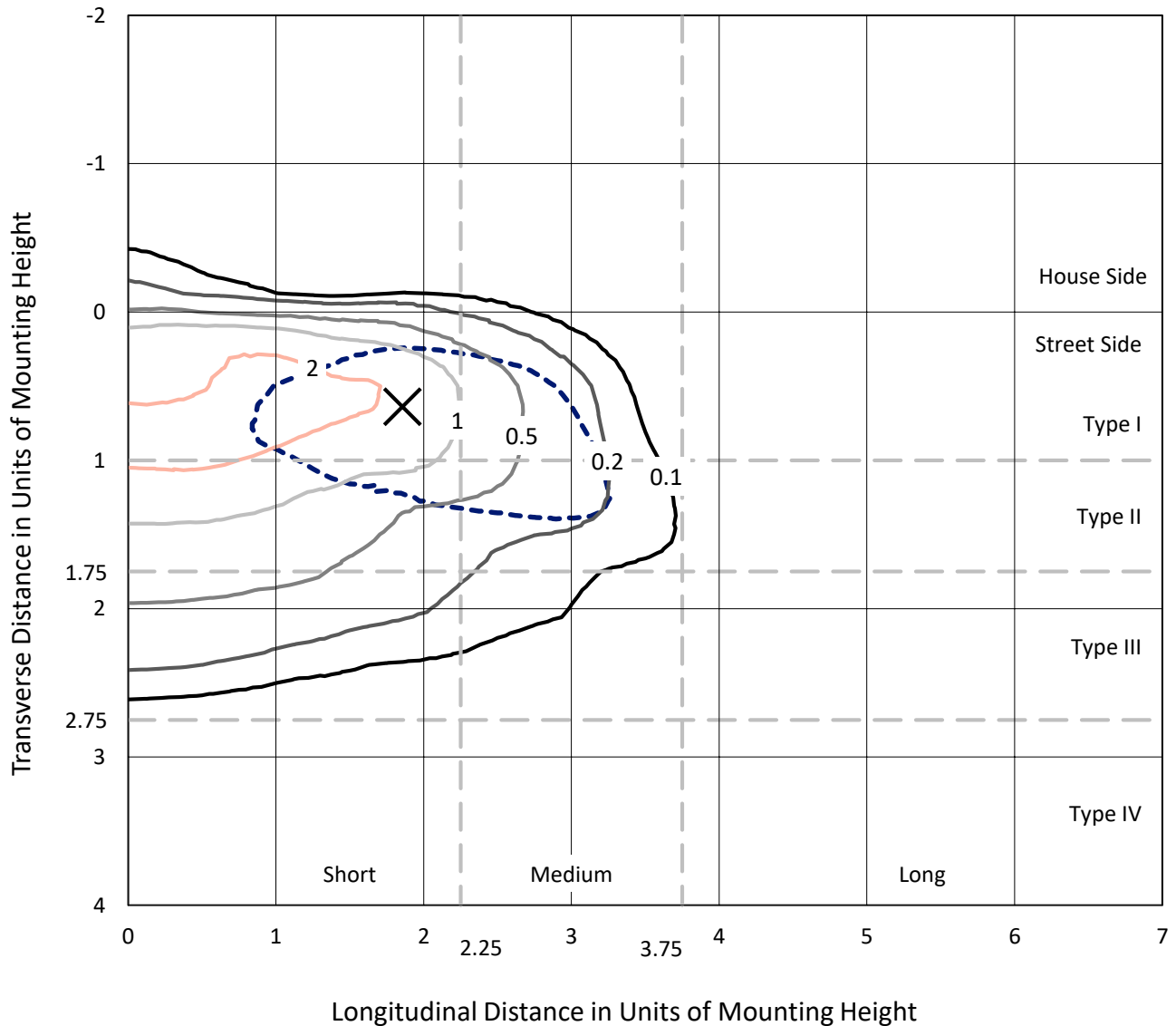


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

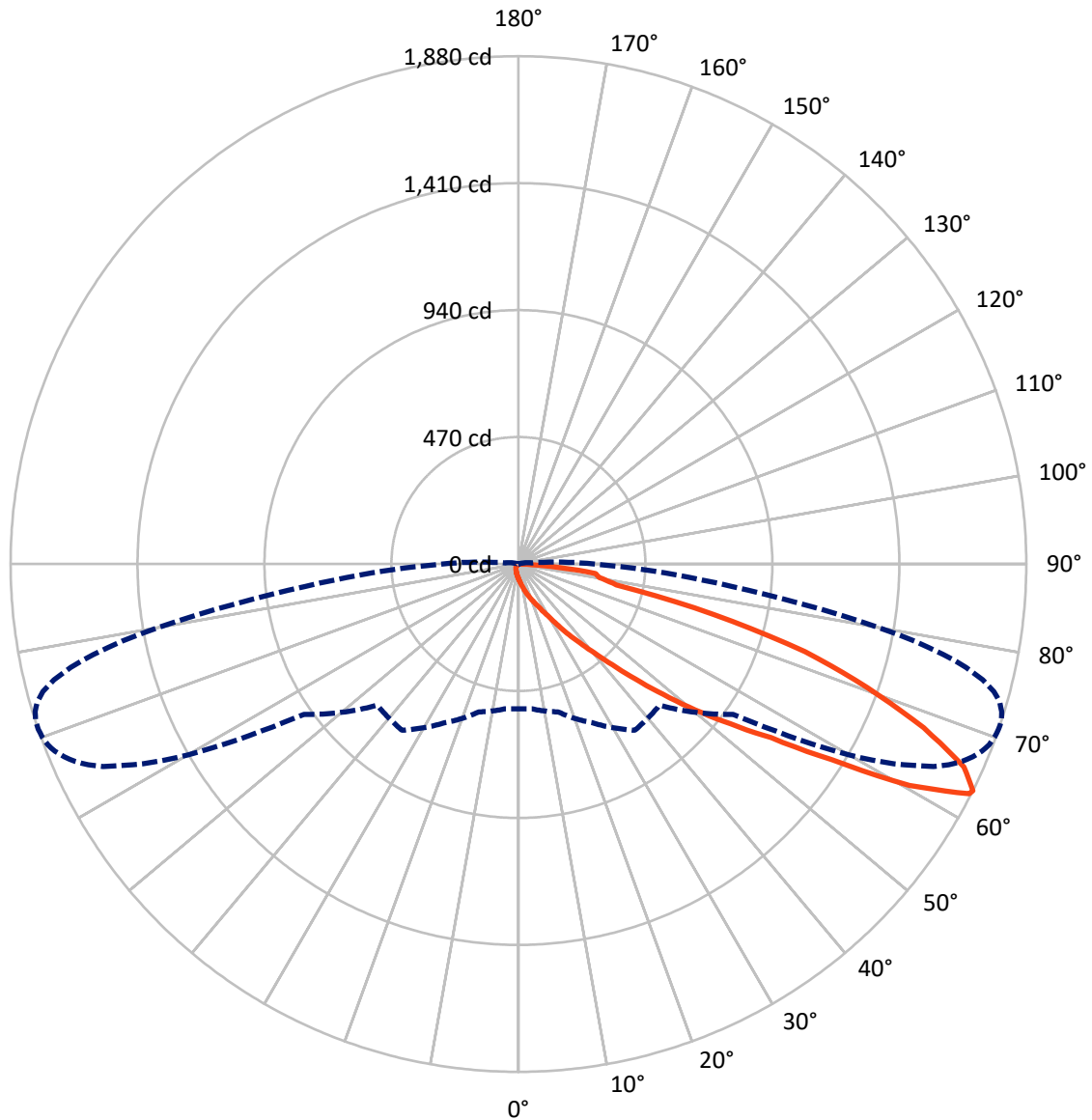


Based on 10 foot mounting height. Maximum calculated value = 3 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 71-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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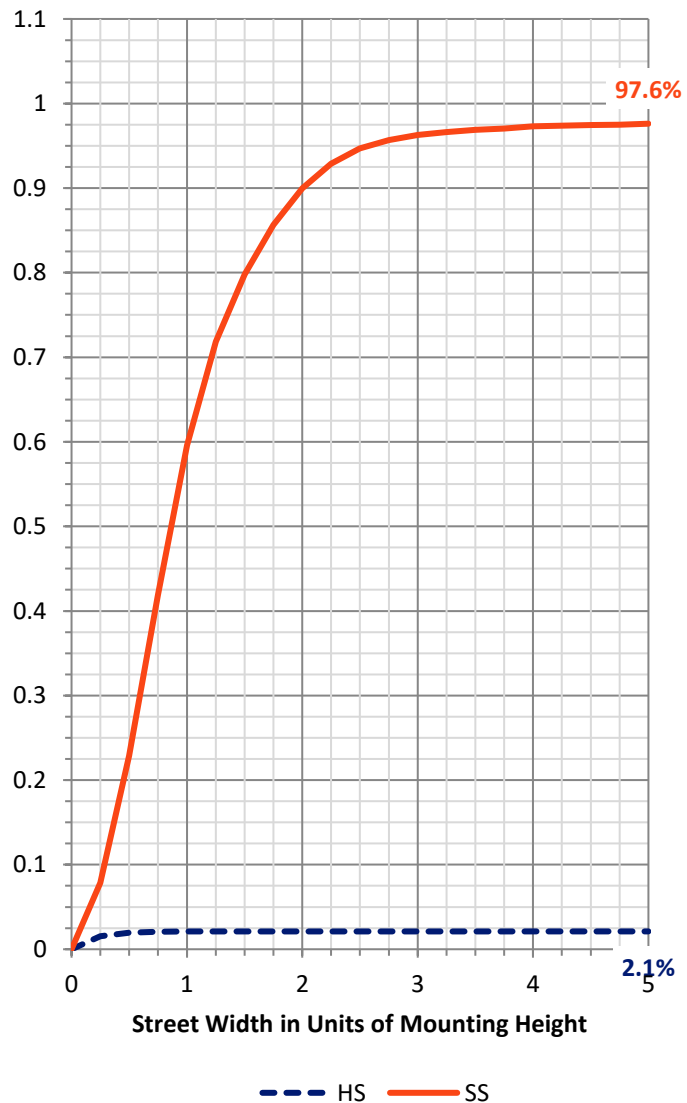
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	29.9	0.0	29.9
	% Fixture	2.1	0.0	2.1
Street Side	Lumens	1378.2	0.0	1378.2
	% Fixture	97.9	0.0	97.9
Total	Lumens	1408.1	0.0	1408.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.0	0.4
10°-20°	23.2	1.6
20°-30°	47.0	3.3
30°-40°	114.9	8.2
40°-50°	256.9	18.2
50°-60°	361.3	25.7
60°-70°	424.9	30.2
70°-80°	153.4	10.9
80°-90°	20.5	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°	1408.1	100.0
0°-180°	1408.1	100.0



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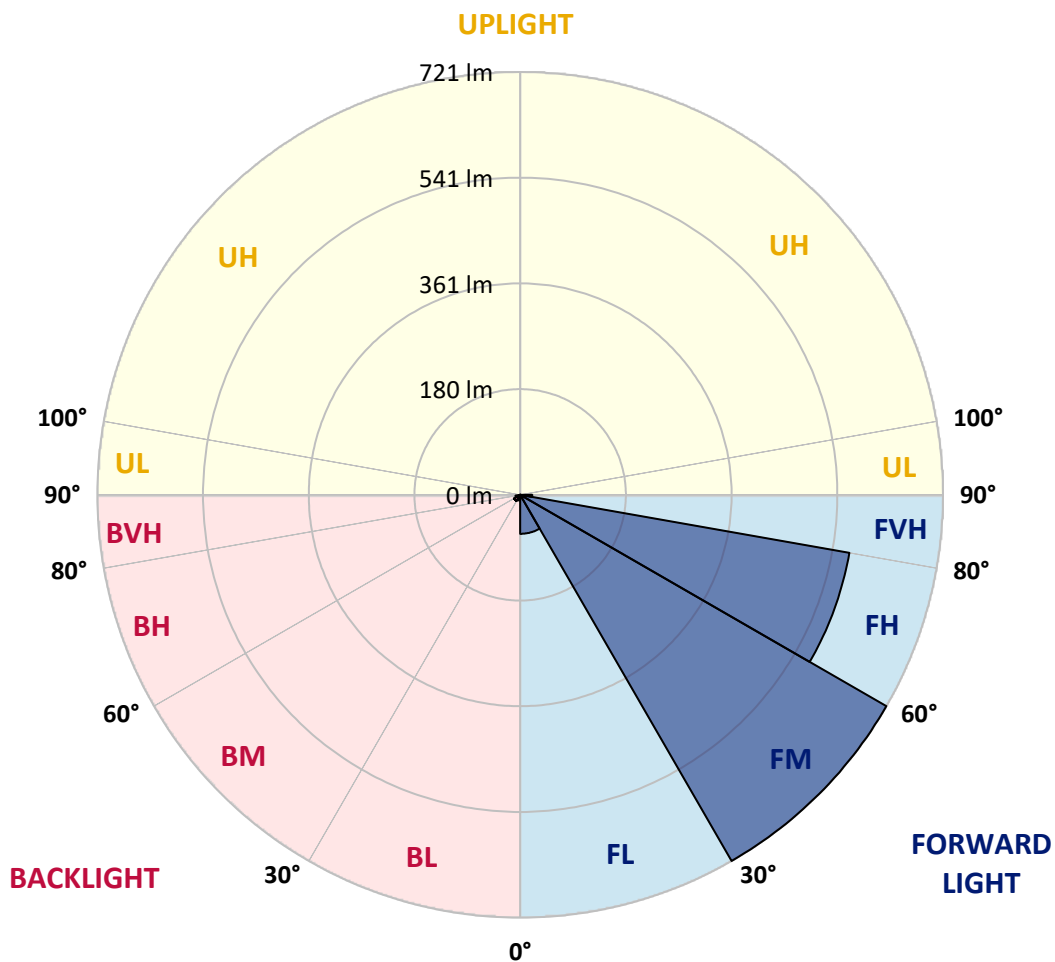
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	66.5	4.7			
FM	(30°-60°)	721.1	51.2			
FH	(60°-80°)	570.1	40.5			G0/660
FVH	(80°-90°)	20.5	1.5			G1/100
BL	(0°-30°)	9.6	0.7	B0/110		
BM	(30°-60°)	12.0	0.9	B0/220		
BH	(60°-80°)	8.2	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°	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
2.5°	70.6	71.4	70.9	69.6	68.1	66.0	64.3	64.3	64.0	63.3	63.4
5°	92.7	92.9	91.9	88.8	86.0	81.7	76.8	76.3	75.8	75.0	74.8
7.5°	114.1	115.2	114.1	110.9	105.2	98.5	90.9	90.1	88.6	88.6	87.5
10°	136.2	136.2	135.2	131.3	126.2	116.7	107.0	105.7	103.9	103.4	101.9
12.5°	151.8	151.8	151.3	149.2	145.1	136.7	124.9	123.6	121.3	120.6	118.8
15°	158.0	158.0	158.2	160.0	160.3	156.4	144.1	143.1	140.7	138.7	138.0
17.5°	161.8	161.5	161.5	164.1	168.7	171.3	163.3	162.3	159.7	158.7	156.2
20°	170.2	169.7	168.2	168.2	172.6	181.5	181.5	181.2	178.4	177.7	176.4
22.5°	182.8	182.2	177.7	173.8	175.8	187.2	197.6	197.1	196.1	195.1	194.3
25°	203.3	201.5	193.5	182.2	180.5	192.5	209.9	211.2	211.9	211.9	212.5
27.5°	234.2	231.9	217.9	196.8	188.9	201.2	223.4	226.0	228.4	228.8	231.2
30°	277.2	273.1	252.9	222.2	204.0	214.0	243.4	246.2	249.6	250.6	254.1
32.5°	347.9	345.6	326.1	280.0	241.1	239.1	271.4	274.9	279.3	281.0	285.4
35°	455.4	455.9	440.0	398.5	344.8	316.7	321.2	324.3	325.9	331.3	333.6
37.5°	528.4	529.6	533.2	516.8	478.4	449.8	413.7	417.0	409.0	409.9	410.0
40°	568.3	572.4	593.4	609.2	606.1	589.5	560.6	562.4	547.5	544.2	528.1
42.5°	594.9	600.3	633.8	683.0	708.0	723.2	716.5	715.7	704.2	699.8	686.2
45°	611.5	616.4	658.6	731.1	788.9	832.9	851.2	853.2	843.4	839.1	827.8
47.5°	610.8	616.4	661.7	749.0	834.2	904.7	955.8	958.4	964.3	960.5	961.2
50°	576.9	582.3	627.9	718.5	820.9	937.4	1031.1	1039.3	1048.8	1055.2	1058.2
52.5°	536.0	539.8	580.3	666.3	764.1	923.8	1075.6	1089.7	1103.8	1115.8	1124.3
55°	520.9	525.3	557.0	628.5	718.5	867.0	1096.4	1117.1	1137.0	1156.8	1172.9
57.5°	528.8	532.9	555.7	610.5	691.4	807.1	1102.2	1134.5	1167.3	1199.3	1231.0
60°	558.0	562.4	581.9	627.2	684.2	772.6	1079.2	1132.7	1187.3	1243.0	1295.5
62.5°	546.5	548.3	576.9	656.3	735.4	743.1	995.5	1070.2	1153.4	1239.4	1324.2
63°	535.5	537.6	566.7	648.4	751.1	738.8	969.7	1048.5	1136.3	1228.9	1321.1
65°	485.6	485.9	508.1	572.7	733.7	746.4	854.4	929.7	1030.6	1141.7	1258.1
67.5°	362.4	360.7	382.1	431.4	575.9	746.7	733.4	775.6	845.8	944.3	1048.8
70°	128.5	125.7	160.5	228.6	358.9	610.8	630.2	633.0	652.5	705.8	771.3
72.5°	41.8	42.5	51.2	83.7	165.4	411.1	570.6	561.9	556.7	556.5	565.2
75°	16.7	16.9	20.5	37.1	74.2	198.1	499.6	504.6	506.3	508.8	511.7
77.5°	7.9	8.7	11.5	20.7	36.8	98.0	357.6	398.8	422.3	440.6	451.5
80°	2.8	3.3	6.4	12.8	17.1	45.0	188.4	227.4	261.9	306.4	344.8
82.5°	0.0	0.0	1.3	8.9	9.5	18.1	77.3	90.6	103.6	134.4	172.6
85°	0.0	0.0	0.0	2.6	2.8	3.1	26.1	31.4	35.3	41.2	47.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	1.6	3.8	5.9
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
2.5°	63.0	62.7	62.7	62.2	62.0	61.4	61.2	60.4	60.2	60.2	60.2
5°	74.5	73.5	72.9	71.6	70.9	70.6	69.4	68.8	68.1	68.4	67.1
7.5°	87.3	85.5	84.7	83.0	82.4	80.7	80.1	78.9	78.0	76.6	76.0
10°	101.4	99.1	97.8	95.0	94.2	92.9	91.3	89.9	88.6	87.1	86.2
12.5°	117.5	115.4	114.4	110.6	108.7	107.0	104.9	102.9	100.8	99.5	97.8
15°	136.5	133.1	132.1	128.5	125.4	123.2	120.3	117.8	116.2	113.7	111.9
17.5°	155.2	151.8	151.1	145.7	142.3	140.7	137.7	134.4	131.5	129.0	126.2
20°	173.8	171.5	169.5	164.4	160.7	158.2	154.1	150.8	148.5	144.8	141.3
22.5°	192.5	190.2	188.7	183.3	179.9	176.4	172.7	169.2	165.9	161.5	157.4
25°	211.7	210.1	209.4	204.6	201.5	198.1	194.5	190.4	186.3	181.5	177.1
27.5°	231.6	232.2	230.6	229.6	226.3	224.0	218.3	215.5	212.5	206.6	201.2
30°	257.0	258.5	258.0	258.8	256.7	255.2	250.9	247.3	243.7	238.0	231.9
32.5°	289.0	291.1	292.1	294.9	293.9	293.4	292.1	287.0	284.4	274.7	272.1
35°	338.4	337.4	341.8	344.0	343.0	342.5	340.9	338.1	335.1	328.2	321.8
37.5°	402.7	403.7	405.2	400.6	397.5	397.3	392.7	389.9	385.5	377.9	370.1
40°	520.4	514.0	506.8	487.4	479.0	474.0	460.5	456.7	449.2	438.7	430.8
42.5°	673.5	667.1	645.6	613.0	595.6	571.6	560.6	547.0	536.6	519.4	510.1
45°	825.5	807.1	804.6	766.6	745.1	713.4	693.7	670.9	647.1	624.6	608.2
47.5°	953.8	949.7	937.1	914.1	894.1	867.5	842.1	807.1	782.5	750.5	721.1
50°	1056.4	1056.2	1051.5	1038.2	1021.6	1000.1	977.9	948.1	920.3	881.1	849.6
52.5°	1133.2	1137.3	1138.9	1134.8	1128.4	1109.4	1098.1	1073.3	1049.8	1016.5	982.4
55°	1189.5	1204.7	1212.3	1221.0	1219.3	1212.6	1212.1	1195.9	1185.2	1158.8	1134.8
57.5°	1259.2	1284.0	1307.8	1350.1	1351.5	1366.4	1374.1	1381.8	1383.8	1373.3	1365.4
60°	1347.7	1398.4	1443.5	1531.7	1554.8	1591.2	1614.7	1640.3	1662.1	1663.8	1663.4
62.5°	1410.1	1488.3	1560.9	1692.0	1736.8	1778.8	1810.2	1835.1	1850.2	1865.6	1872.8
63°	1412.0	1497.5	1574.8	1710.0	1757.0	1796.9	1826.9	1850.0	1865.9	1875.1	1879.6
65°	1368.8	1472.4	1564.6	1699.2	1743.5	1783.6	1799.3	1814.3	1822.1	1825.6	1812.1
67.5°	1160.1	1261.5	1368.9	1519.5	1557.4	1605.5	1618.3	1626.0	1629.6	1628.8	1617.3
70°	867.5	952.5	1072.0	1244.1	1294.2	1341.3	1370.5	1383.1	1387.2	1385.9	1368.8
72.5°	605.7	655.5	754.1	945.6	1014.0	1074.3	1110.4	1129.1	1132.9	1125.3	1109.4
75°	508.7	511.2	533.5	638.1	702.1	766.6	807.4	819.2	811.4	788.2	747.7
77.5°	454.1	459.7	459.7	475.4	487.9	505.8	509.7	481.0	447.7	404.7	369.9
80°	380.9	400.6	414.4	426.0	427.3	423.6	414.1	398.0	372.5	339.7	303.4
82.5°	231.4	270.3	286.1	345.6	374.8	394.4	392.9	371.4	352.0	318.0	287.0
85°	58.3	63.0	68.4	88.8	99.5	121.6	135.4	141.8	144.1	132.4	119.8
87.5°	5.7	3.8	6.4	4.8	6.9	5.1	6.9	6.4	7.9	8.5	9.2
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
2.5°	59.6	59.3	59.2	58.9	58.6	58.3	57.9	57.9	57.3	57.1	56.8
5°	66.3	65.8	65.5	65.0	64.3	63.7	63.0	62.0	61.2	60.9	60.4
7.5°	74.8	73.5	72.9	72.2	71.2	69.6	68.6	67.8	66.5	65.8	64.3
10°	84.2	83.0	81.4	79.9	78.3	76.6	75.3	74.2	72.2	71.2	69.4
12.5°	96.3	94.0	92.2	90.1	88.1	86.0	84.5	81.4	79.6	77.3	75.8
15°	108.6	106.5	104.5	101.9	98.8	95.4	94.0	91.2	88.8	85.2	83.2
17.5°	123.3	119.5	116.5	113.4	110.6	107.5	104.5	100.1	96.7	93.7	89.6
20°	138.0	133.4	130.0	126.0	121.9	117.0	113.4	110.3	105.7	101.6	97.3
22.5°	153.6	149.0	143.6	139.5	133.9	130.0	125.2	120.1	115.4	110.0	104.7
25°	172.6	167.6	161.5	156.2	149.8	144.4	138.5	132.6	127.0	120.8	114.0
27.5°	195.8	190.7	184.1	177.7	169.2	162.5	156.9	149.0	141.8	134.1	126.2
30°	225.3	219.6	211.4	202.2	193.8	186.3	178.4	167.9	160.0	150.8	140.6
32.5°	263.6	257.0	246.0	237.3	226.8	217.0	206.0	195.5	184.3	172.3	160.5
35°	312.0	305.9	293.1	280.3	268.7	257.3	243.4	231.4	215.5	200.9	185.9
37.5°	362.2	351.2	339.4	325.6	311.3	297.5	280.6	263.9	245.8	229.9	210.9
40°	419.5	406.2	396.5	381.7	361.4	341.8	326.1	305.4	282.6	261.4	239.1
42.5°	498.1	483.3	465.9	443.4	428.7	405.8	385.5	360.9	331.0	307.2	280.3
45°	589.0	568.7	551.9	530.1	512.5	483.8	460.3	427.4	397.5	366.3	333.6
47.5°	692.7	667.6	643.0	621.5	593.4	565.2	535.3	500.5	462.0	427.7	388.8
50°	811.7	776.1	742.1	714.4	675.8	643.3	610.8	571.6	529.1	489.7	445.4
52.5°	944.0	902.8	857.8	815.3	770.5	728.7	689.6	644.6	597.2	549.1	499.6
55°	1103.8	1072.8	1019.8	965.8	905.9	850.1	799.6	743.9	686.2	623.1	571.1
57.5°	1353.9	1338.8	1294.5	1240.5	1162.4	1094.5	1009.0	940.7	857.3	770.2	703.2
60°	1692.8	1674.1	1649.3	1605.5	1543.5	1451.4	1357.2	1251.0	1124.0	1003.4	889.0
62.5°	1873.5	1866.9	1846.6	1816.4	1758.6	1685.9	1590.9	1474.1	1330.8	1184.4	1038.5
63°	1878.9	1870.4	1853.0	1822.3	1771.4	1700.9	1607.8	1494.4	1354.1	1204.8	1055.9
65°	1806.2	1802.9	1785.2	1751.6	1716.8	1663.1	1590.9	1493.4	1375.6	1234.6	1086.3
67.5°	1601.9	1591.9	1564.8	1554.5	1530.2	1492.8	1437.9	1370.8	1286.5	1175.7	1047.7
70°	1354.9	1340.0	1306.0	1287.8	1258.1	1234.6	1201.0	1153.2	1101.2	1023.9	928.5
72.5°	1093.0	1062.3	1031.1	983.7	942.2	900.3	863.2	829.4	772.3	741.0	668.7
75°	709.9	654.1	600.6	528.8	464.4	407.3	351.7	323.5	264.9	241.1	207.1
77.5°	336.8	305.7	263.6	231.2	189.7	154.9	126.4	95.0	74.5	58.3	44.6
80°	271.8	245.5	220.2	190.7	159.4	127.3	97.5	72.9	51.7	35.8	25.3
82.5°	242.4	213.8	182.5	162.3	141.0	115.4	94.7	77.3	57.1	41.8	28.4
85°	94.2	79.3	61.2	50.0	38.9	32.0	28.9	20.0	15.6	12.3	9.5
87.5°	8.2	6.7	5.4	3.6	3.8	2.0	2.3	1.6	1.3	1.3	1.0
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
2.5°	56.6	56.3	56.1	55.5	55.5	55.1	54.8	54.5	53.2	50.4	48.1
5°	59.3	58.9	58.3	57.6	57.1	56.3	55.8	55.1	52.2	46.9	42.2
7.5°	63.4	62.4	61.7	60.2	59.3	58.3	57.6	56.3	51.7	43.5	37.1
10°	68.4	66.5	65.3	63.4	62.0	60.7	59.3	57.6	51.2	39.9	32.5
12.5°	74.2	72.2	69.6	67.5	65.5	63.7	62.0	59.6	50.4	36.8	28.9
15°	80.1	77.0	75.3	72.5	69.6	67.1	64.5	62.4	50.7	33.5	25.9
17.5°	86.8	83.7	79.9	76.8	73.8	70.4	67.3	63.3	49.4	31.0	23.5
20°	93.2	88.8	85.2	81.4	77.0	72.9	69.1	65.5	48.4	28.4	21.5
22.5°	100.1	95.0	90.3	85.5	80.1	75.5	70.9	66.3	46.6	26.1	19.7
25°	108.6	102.6	96.0	90.1	84.5	78.9	72.9	67.3	44.8	24.1	18.4
27.5°	118.8	111.1	104.5	97.0	89.1	82.0	75.5	69.4	43.0	22.5	17.1
30°	131.8	122.9	113.4	103.9	95.4	87.3	78.3	70.6	41.2	21.0	15.9
32.5°	149.2	138.0	126.4	115.4	104.2	93.7	84.2	74.2	40.2	19.7	14.6
35°	172.3	157.7	143.6	129.8	116.2	103.4	91.2	79.9	40.2	18.1	13.0
37.5°	194.0	177.1	159.3	142.0	126.0	111.1	96.5	83.0	38.1	16.9	11.8
40°	217.6	197.4	176.4	156.2	136.7	118.2	101.6	86.0	36.4	15.3	10.5
42.5°	253.7	228.1	200.7	177.1	153.9	131.1	110.3	91.9	34.0	13.9	9.2
45°	301.0	268.6	236.3	207.6	177.9	150.0	125.4	102.6	33.5	12.6	7.9
47.5°	351.7	313.3	275.4	238.8	204.0	171.5	142.0	114.7	33.5	11.3	6.9
50°	402.1	354.0	313.6	271.1	231.9	193.5	158.4	127.3	33.8	10.2	5.7
52.5°	447.7	396.3	351.0	301.8	258.5	214.0	175.8	139.5	33.3	8.9	4.7
55°	510.9	450.5	398.0	343.8	293.1	242.9	199.6	158.0	33.5	7.9	3.8
57.5°	627.4	556.5	493.3	422.1	363.7	299.0	246.5	195.8	36.7	6.7	2.8
60°	794.5	702.4	613.6	526.8	452.6	375.5	307.4	247.8	43.0	5.4	2.0
62.5°	906.9	786.3	680.4	584.7	498.4	417.8	343.5	275.7	47.3	4.4	1.3
63°	918.4	793.8	687.3	588.5	500.5	419.8	345.0	277.8	47.6	4.1	1.3
65°	940.2	806.6	691.2	589.3	498.4	417.0	344.0	277.5	48.1	3.3	1.0
67.5°	915.4	786.9	668.8	567.3	480.5	400.4	331.3	267.3	47.9	2.3	0.7
70°	818.6	712.1	608.5	513.8	434.9	362.4	301.6	243.7	44.0	1.6	0.6
72.5°	601.0	528.6	448.2	379.9	327.6	272.1	232.2	183.1	34.0	1.0	0.3
75°	178.1	162.3	136.5	120.3	106.2	87.8	78.0	60.9	17.4	0.6	0.0
77.5°	35.5	32.3	28.9	26.3	24.8	21.2	20.2	16.7	7.2	0.3	0.0
80°	18.7	15.3	13.0	11.5	10.0	8.2	6.9	5.7	1.3	0.0	0.0
82.5°	18.0	12.0	8.7	7.2	6.1	4.8	3.8	2.8	0.7	0.0	0.0
85°	6.7	5.1	3.8	3.1	2.6	2.3	1.8	1.6	0.0	0.0	0.0
87.5°	1.0	0.7	0.7	0.6	0.6	0.3	0.3	0.3	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°	54.0	54.0	54.0	54.0	54.0	54.0	54.0
2.5°	45.9	43.8	42.8	41.5	41.5	41.2	41.8
5°	38.1	35.3	33.3	31.7	32.0	31.3	31.4
7.5°	32.3	29.4	27.6	26.6	26.3	26.1	26.1
10°	27.9	25.3	23.8	23.1	22.8	22.8	22.8
12.5°	24.8	22.2	21.0	20.5	20.5	20.2	20.2
15°	22.2	20.2	19.0	18.4	18.4	18.1	18.4
17.5°	20.2	18.1	17.1	16.7	16.7	16.4	16.4
20°	18.4	16.7	15.6	14.9	14.9	14.6	14.9
22.5°	16.9	15.1	13.9	13.3	13.0	12.8	13.0
25°	15.3	13.6	12.3	11.5	11.3	11.3	11.0
27.5°	14.0	12.3	10.8	10.0	9.8	9.8	9.5
30°	12.8	10.8	9.2	8.5	8.2	8.2	8.2
32.5°	11.5	9.2	7.9	7.2	6.9	6.9	6.9
35°	10.2	7.9	6.7	5.9	5.7	5.7	5.7
37.5°	8.7	6.7	5.1	4.7	4.4	4.1	4.1
40°	7.4	5.1	3.8	3.3	2.8	2.8	2.8
42.5°	6.1	4.1	2.8	2.0	1.8	1.6	1.8
45°	5.1	3.1	1.8	1.0	0.7	0.7	0.7
47.5°	4.1	2.0	0.7	0.3	0.3	0.3	0.3
50°	3.1	1.3	0.3	0.0	0.0	0.3	0.3
52.5°	2.3	0.7	0.0	0.0	0.0	0.0	0.0
55°	1.3	0.3	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°	0.6	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.3	0.0	0.0	0.0	0.0	0.0	0.0
63°	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	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)