

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: P180356

Luminaire Tested: **ICM-E01-LED-E1-SL2-HSS-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180356
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-E01-LED-E1-SL2-HSS-8030
Description: ICON SITE MEDIUM LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (21) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1439.6 lumens
Efficiency: N/A
Efficacy: 58.3 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): 24.7
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

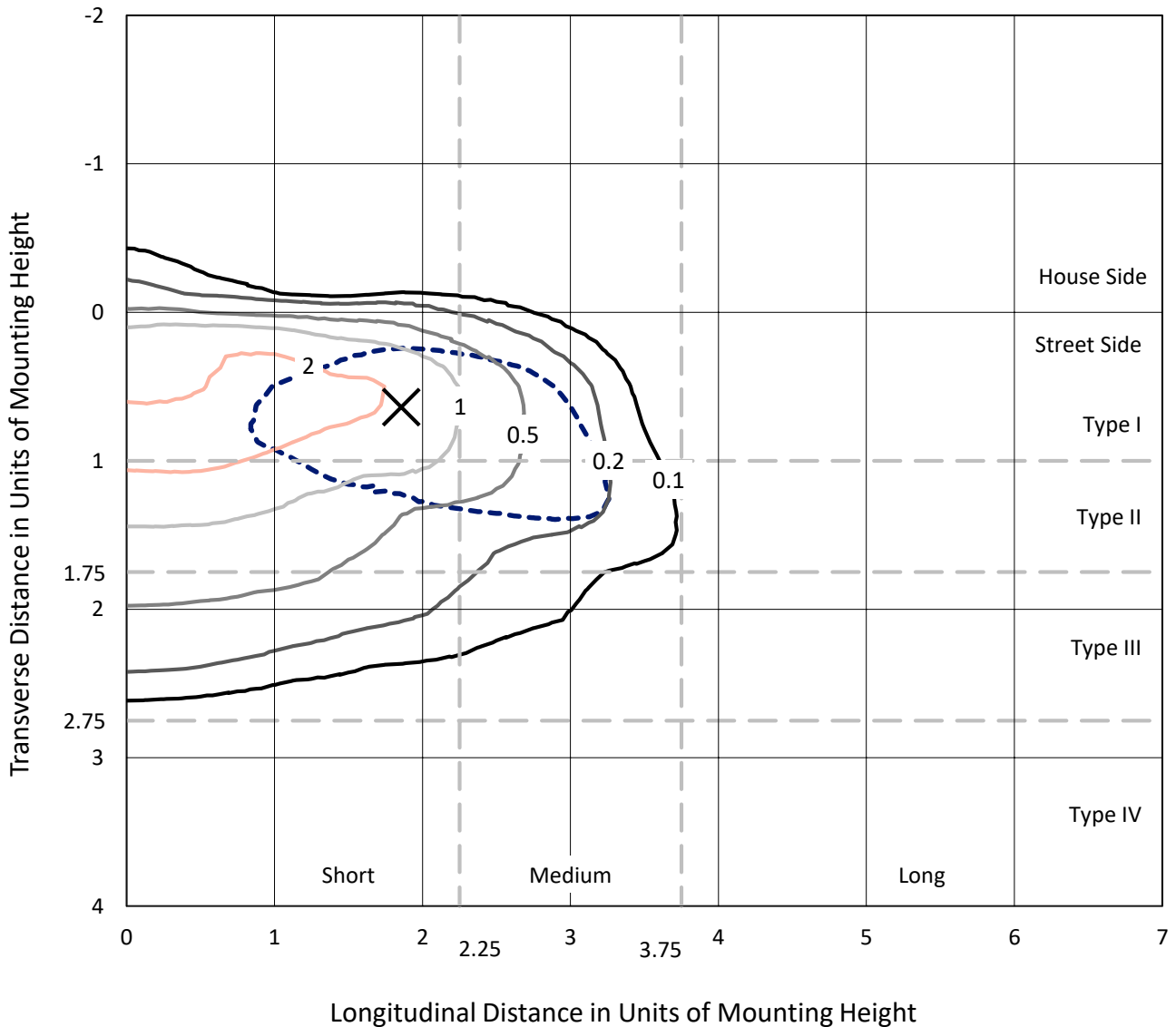


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Iso-Footcandle Lines of Horizontal Illumination

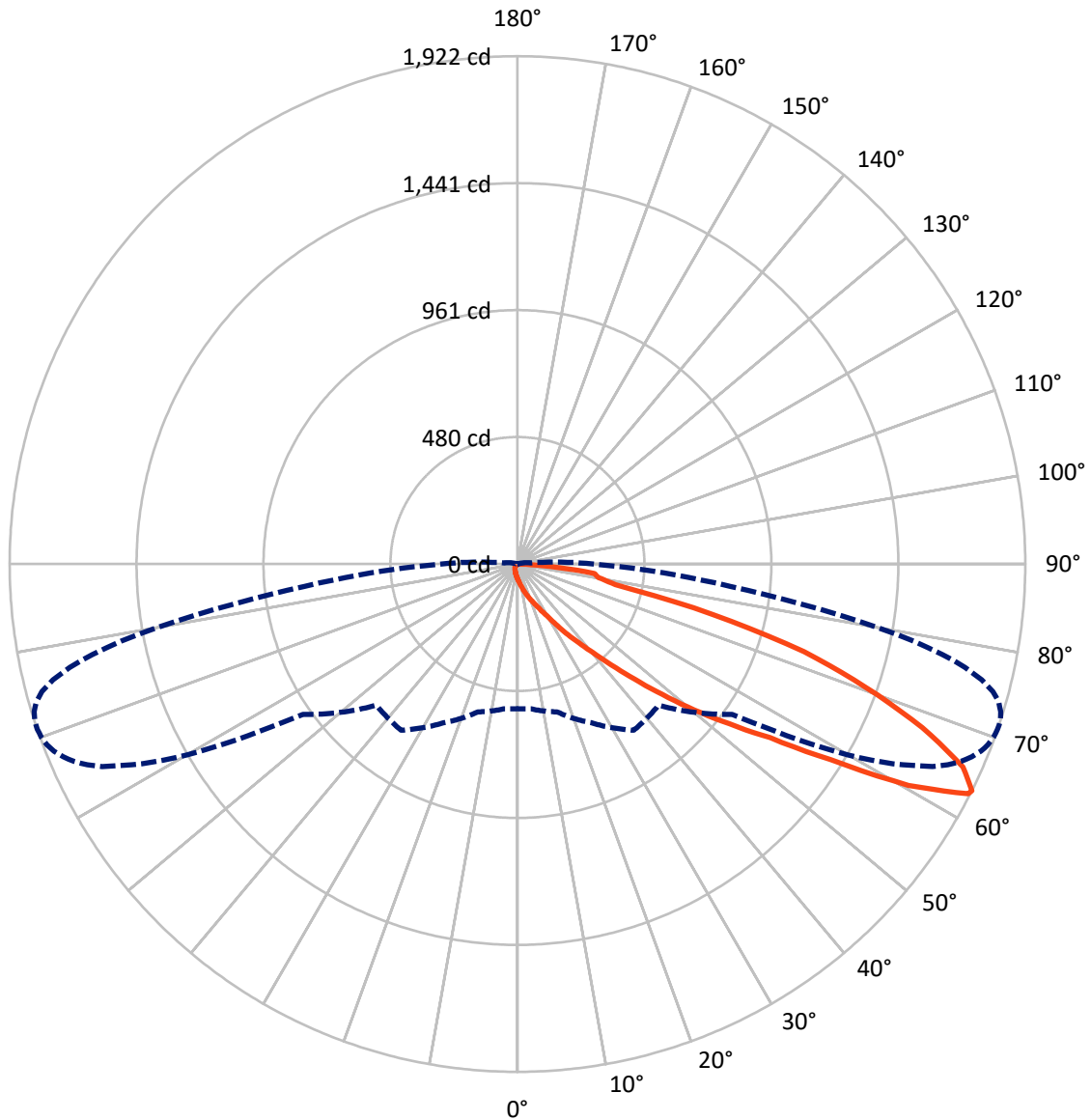
✕ Max cd
 - - - 1/2 Max cd



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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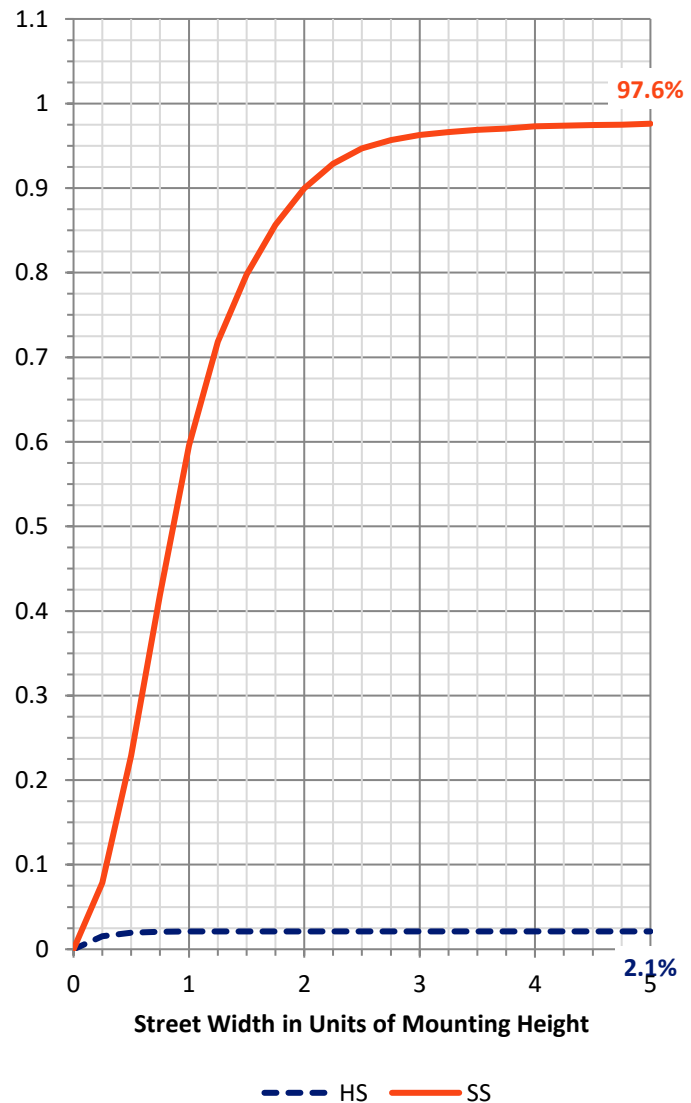
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	30.6	0.0	30.6
	% Fixture	2.1	0.0	2.1
Street Side	Lumens	1409.0	0.0	1409.0
	% Fixture	97.9	0.0	97.9
Total	Lumens	1439.6	0.0	1439.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.1	0.4
10°-20°	23.7	1.6
20°-30°	48.1	3.3
30°-40°	117.5	8.2
40°-50°	262.7	18.2
50°-60°	369.4	25.7
60°-70°	434.4	30.2
70°-80°	156.8	10.9
80°-90°	21.0	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°	1439.6	100.0
0°-180°	1439.6	100.0



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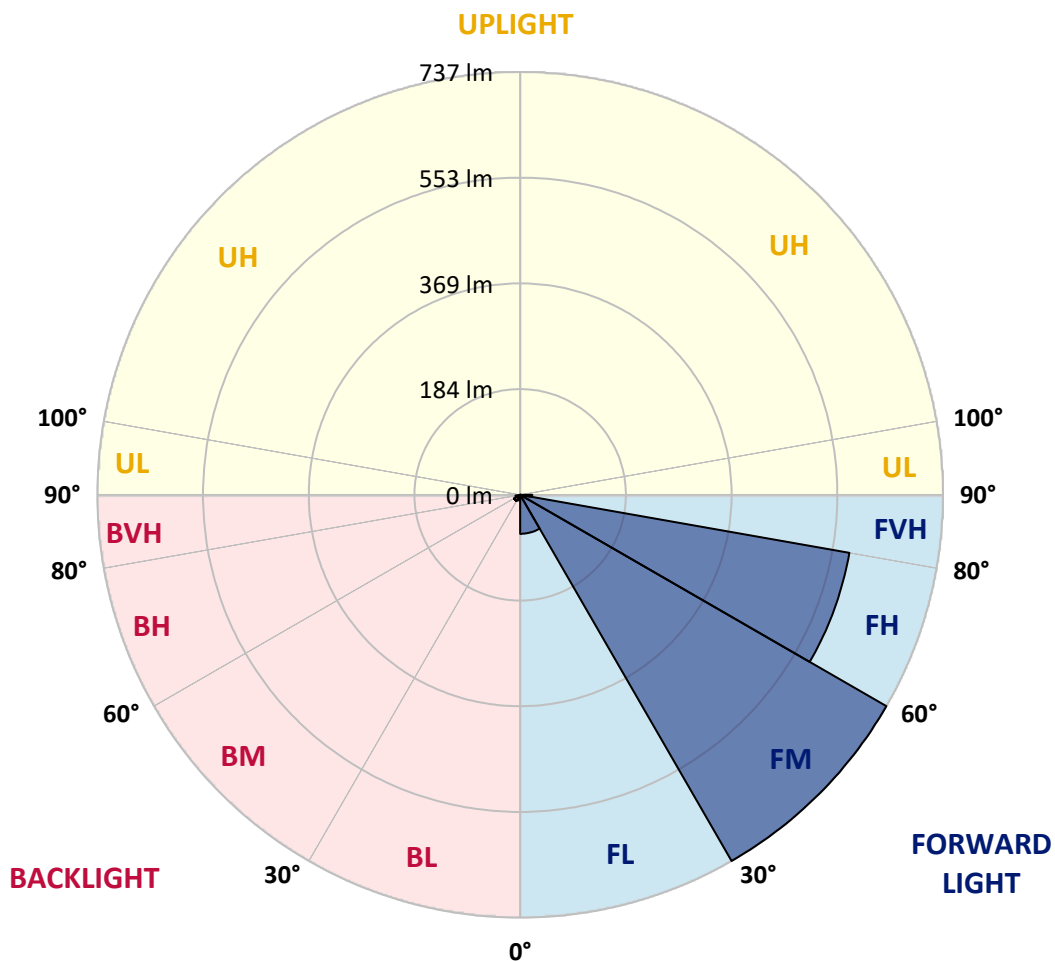
CATALOG NUMBER: ICM-E01-LED-E1-SL2-HSS-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	68.0	4.7			
FM (30°-60°)	737.2	51.2			
FH (60°-80°)	582.8	40.5			G0/660
FVH (80°-90°)	20.9	1.5			G1/100
BL (0°-30°)	9.8	0.7	B0/110		
BM (30°-60°)	12.3	0.9	B0/220		
BH (60°-80°)	8.4	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°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
2.5°	72.2	73.0	72.5	71.2	69.6	67.5	65.7	65.7	65.4	64.7	64.9
5°	94.7	95.0	94.0	90.8	87.9	83.4	78.5	78.0	77.5	76.7	76.4
7.5°	116.7	117.8	116.7	113.3	107.5	100.7	92.9	92.1	90.5	90.5	89.5
10°	139.3	139.3	138.1	134.2	129.0	119.3	109.4	108.1	106.2	105.8	104.2
12.5°	155.2	155.2	154.7	152.6	148.4	139.7	127.7	126.4	124.1	123.3	121.4
15°	161.5	161.5	161.8	163.5	163.8	159.9	147.3	146.3	143.9	141.9	141.0
17.5°	165.4	165.1	165.1	167.7	172.5	175.1	167.0	166.0	163.3	162.2	159.6
20°	174.0	173.5	171.9	171.9	176.4	185.6	185.6	185.3	182.4	181.6	180.3
22.5°	186.9	186.3	181.6	177.7	179.8	191.4	202.0	201.5	200.5	199.4	198.6
25°	207.8	206.0	197.9	186.3	184.5	196.8	214.6	215.9	216.7	216.7	217.2
27.5°	239.4	237.1	222.7	201.2	193.1	205.7	228.5	231.1	233.4	234.0	236.3
30°	283.4	279.3	258.6	227.2	208.6	218.8	248.8	251.7	255.2	256.2	259.9
32.5°	355.6	353.3	333.4	286.3	246.5	244.5	277.4	281.0	285.5	287.4	291.8
35°	465.6	466.0	449.9	407.4	352.6	323.7	328.5	331.5	333.1	338.6	341.0
37.5°	540.2	541.5	545.1	528.4	489.1	459.8	422.9	426.3	418.2	419.0	419.3
40°	581.0	585.2	606.6	622.9	619.7	602.7	573.1	575.0	559.8	556.4	539.9
42.5°	608.2	613.7	648.0	698.2	723.9	739.4	732.5	731.7	719.9	715.5	701.6
45°	625.2	630.1	673.4	747.4	806.6	851.5	870.1	872.3	862.3	857.9	846.3
47.5°	624.5	630.1	676.5	765.8	852.9	924.8	977.2	979.8	985.9	982.0	982.7
50°	589.9	595.4	642.0	734.6	839.3	958.3	1054.1	1062.5	1072.2	1078.7	1081.9
52.5°	548.0	551.9	593.3	681.2	781.2	944.5	1099.6	1114.1	1128.5	1140.8	1149.4
55°	532.6	537.0	569.5	642.5	734.6	886.4	1120.8	1142.1	1162.5	1182.6	1199.2
57.5°	540.7	544.8	568.2	624.2	706.9	825.1	1126.9	1159.9	1193.4	1226.1	1258.5
60°	570.5	575.0	594.9	641.2	699.5	789.9	1103.4	1158.1	1213.8	1270.8	1324.5
62.5°	558.7	560.6	589.9	671.0	751.9	759.7	1017.8	1094.1	1179.3	1267.2	1353.8
63°	547.4	549.6	579.4	662.9	767.8	755.3	991.4	1071.9	1161.7	1256.5	1350.6
65°	496.5	496.7	519.4	585.4	750.1	763.2	873.6	950.5	1053.6	1167.2	1286.2
67.5°	370.6	368.7	390.7	440.9	588.8	763.4	749.8	792.9	864.7	965.4	1072.2
70°	131.3	128.5	164.1	233.7	366.9	624.5	644.3	647.2	667.1	721.5	788.5
72.5°	42.7	43.4	52.4	85.6	169.0	420.3	583.4	574.4	569.2	568.9	577.9
75°	17.0	17.3	20.9	38.0	75.9	202.5	510.9	515.8	517.7	520.3	523.2
77.5°	8.1	8.9	11.8	21.2	37.7	100.2	365.6	407.7	431.8	450.4	461.7
80°	2.9	3.4	6.5	13.1	17.5	46.0	192.7	232.4	267.7	313.3	352.6
82.5°	0.0	0.0	1.3	9.1	9.7	18.6	79.1	92.7	106.0	137.4	176.4
85°	0.0	0.0	0.0	2.6	2.9	3.2	26.7	32.2	36.1	42.1	48.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	1.6	3.9	6.0
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
2.5°	64.4	64.1	64.1	63.6	63.3	62.8	62.5	61.8	61.5	61.5	61.5
5°	76.2	75.1	74.6	73.3	72.5	72.2	70.9	70.4	69.6	69.9	68.6
7.5°	89.2	87.4	86.6	84.8	84.3	82.4	82.0	80.6	79.8	78.2	77.8
10°	103.6	101.3	100.0	97.1	96.3	95.0	93.4	91.8	90.5	89.0	88.2
12.5°	120.1	118.0	117.0	113.0	111.3	109.4	107.3	105.2	103.1	101.8	100.0
15°	139.4	136.1	135.1	131.3	128.3	125.9	123.0	120.4	118.8	116.2	114.3
17.5°	158.6	155.2	154.4	148.9	145.5	143.9	140.8	137.4	134.5	131.9	129.0
20°	177.7	175.3	173.2	168.0	164.4	161.8	157.6	154.1	151.8	148.1	144.5
22.5°	196.8	194.4	192.8	187.3	184.0	180.3	176.7	173.0	169.6	165.1	160.9
25°	216.5	214.9	214.0	209.1	206.0	202.5	198.9	194.7	190.5	185.6	181.1
27.5°	236.8	237.4	235.8	234.8	231.4	229.0	223.3	220.4	217.2	211.2	205.7
30°	262.8	264.3	263.8	264.6	262.5	260.9	256.5	252.8	249.1	243.4	237.1
32.5°	295.4	297.6	298.6	301.5	300.5	299.9	298.6	293.4	290.8	280.8	278.2
35°	346.0	344.9	349.4	351.7	350.7	350.1	348.6	345.7	342.6	335.5	328.9
37.5°	411.6	412.7	414.2	409.6	406.4	406.1	401.5	398.6	394.1	386.2	378.4
40°	532.0	525.5	518.1	498.3	489.7	484.7	470.8	466.9	459.3	448.6	440.5
42.5°	688.6	682.0	660.0	626.8	609.0	584.4	573.1	559.3	548.6	531.0	521.6
45°	844.0	825.1	822.5	783.8	761.9	729.4	709.2	686.0	661.6	638.5	621.8
47.5°	975.1	970.9	958.1	934.5	914.1	886.9	861.0	825.1	800.0	767.4	737.2
50°	1080.1	1079.8	1075.1	1061.5	1044.5	1022.5	999.7	969.3	940.8	900.7	868.6
52.5°	1158.5	1162.8	1164.3	1160.1	1153.6	1134.2	1122.7	1097.3	1073.2	1039.3	1004.4
55°	1216.1	1231.5	1239.4	1248.3	1246.5	1239.7	1239.2	1222.7	1211.7	1184.8	1160.1
57.5°	1287.4	1312.8	1337.0	1380.2	1381.8	1396.9	1404.8	1412.7	1414.8	1404.0	1395.9
60°	1377.9	1429.7	1475.7	1566.1	1589.6	1626.7	1650.8	1677.0	1699.3	1701.0	1700.6
62.5°	1441.7	1521.6	1595.9	1729.9	1775.6	1818.6	1850.8	1876.2	1891.6	1907.3	1914.6
63°	1443.5	1531.0	1610.0	1748.2	1796.4	1837.1	1867.8	1891.4	1907.5	1916.9	1921.7
65°	1399.4	1505.3	1599.5	1737.2	1782.4	1823.5	1839.5	1855.0	1862.8	1866.4	1852.6
67.5°	1186.1	1289.7	1399.6	1553.5	1592.2	1641.4	1654.5	1662.3	1666.0	1665.2	1653.4
70°	886.9	973.8	1096.0	1271.9	1323.2	1371.4	1401.1	1414.0	1418.1	1416.8	1399.4
72.5°	619.2	670.2	771.0	966.7	1036.6	1098.3	1135.3	1154.3	1158.3	1150.4	1134.2
75°	520.0	522.6	545.4	652.5	717.9	783.8	825.4	837.5	829.6	805.8	764.5
77.5°	464.3	470.0	470.0	486.0	498.8	517.1	521.0	491.7	457.7	413.8	378.1
80°	389.4	409.6	423.7	435.4	436.7	433.1	423.4	407.0	380.7	347.3	310.1
82.5°	236.6	276.4	292.6	353.3	383.2	403.3	401.7	379.7	359.8	325.0	293.4
85°	59.6	64.4	69.9	90.8	101.8	124.3	138.4	145.0	147.3	135.3	122.5
87.5°	5.8	3.9	6.5	4.9	7.1	5.2	7.1	6.5	8.1	8.7	9.4
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
2.5°	60.9	60.7	60.5	60.2	59.9	59.6	59.2	59.2	58.6	58.3	58.1
5°	67.8	67.3	67.0	66.5	65.7	65.2	64.4	63.3	62.5	62.3	61.8
7.5°	76.4	75.1	74.6	73.8	72.7	71.2	70.1	69.4	68.0	67.3	65.7
10°	86.1	84.8	83.3	81.7	80.1	78.2	76.9	75.9	73.8	72.7	70.9
12.5°	98.4	96.0	94.2	92.1	90.0	87.9	86.3	83.3	81.4	79.1	77.5
15°	111.0	108.8	106.8	104.2	101.0	97.6	96.0	93.2	90.8	87.2	85.0
17.5°	126.1	122.2	119.1	115.9	113.0	110.0	106.8	102.3	98.9	95.8	91.6
20°	141.0	136.4	132.9	128.7	124.6	119.6	115.9	112.8	108.1	103.9	99.4
22.5°	157.0	152.3	146.8	142.6	136.8	132.9	128.0	122.7	118.0	112.6	107.1
25°	176.4	171.4	165.1	159.6	153.1	147.6	141.6	135.5	129.8	123.5	116.5
27.5°	200.2	195.0	188.2	181.6	173.0	166.1	160.5	152.3	145.0	137.1	129.0
30°	230.3	224.6	216.2	206.8	198.1	190.5	182.4	171.7	163.5	154.1	143.7
32.5°	269.6	262.8	251.5	242.6	231.9	222.0	210.7	199.9	188.5	176.1	164.1
35°	319.0	312.7	299.6	286.6	274.8	263.0	248.8	236.6	220.4	205.4	190.0
37.5°	370.3	359.1	347.0	332.9	318.2	304.1	286.8	269.9	251.3	235.0	215.6
40°	428.9	415.4	405.4	390.2	369.5	349.4	333.4	312.2	288.9	267.2	244.5
42.5°	509.3	494.1	476.3	453.3	438.3	414.8	394.1	369.0	338.4	314.0	286.6
45°	602.1	581.5	564.2	542.0	523.9	494.6	470.5	437.0	406.4	374.5	341.0
47.5°	708.2	682.5	657.4	635.4	606.6	577.9	547.3	511.6	472.4	437.3	397.5
50°	829.9	793.5	758.7	730.4	690.9	657.7	624.5	584.4	540.9	500.7	455.4
52.5°	965.1	923.1	876.9	833.5	787.7	745.0	705.0	659.0	610.5	561.4	510.9
55°	1128.5	1096.8	1042.6	987.4	926.1	869.1	817.6	760.5	701.6	637.0	583.8
57.5°	1384.2	1368.8	1323.4	1268.2	1188.4	1119.1	1031.6	961.8	876.5	787.4	718.9
60°	1730.6	1711.5	1686.1	1641.4	1578.1	1483.8	1387.5	1279.0	1149.1	1025.9	908.9
62.5°	1915.5	1908.6	1887.9	1857.0	1797.9	1723.5	1626.5	1507.2	1360.6	1210.9	1061.8
63°	1920.9	1912.3	1894.5	1863.1	1811.0	1739.0	1643.7	1527.8	1384.4	1231.8	1079.5
65°	1846.6	1843.2	1825.1	1790.8	1755.3	1700.3	1626.5	1526.8	1406.4	1262.2	1110.7
67.5°	1637.8	1627.5	1599.8	1589.3	1564.5	1526.2	1470.0	1401.4	1315.4	1202.1	1071.2
70°	1385.2	1370.1	1335.2	1316.7	1286.2	1262.2	1227.9	1179.0	1125.9	1046.8	949.2
72.5°	1117.5	1086.1	1054.1	1005.8	963.4	920.4	882.4	847.9	789.6	757.7	683.5
75°	725.7	668.7	614.0	540.7	474.7	416.4	359.5	330.8	270.9	246.5	211.7
77.5°	344.4	312.5	269.6	236.3	194.0	158.3	129.3	97.1	76.2	59.6	45.6
80°	278.0	251.0	225.0	195.0	163.1	130.0	99.7	74.6	52.8	36.7	26.0
82.5°	247.8	218.5	186.6	166.0	144.2	118.0	96.8	79.1	58.3	42.7	29.0
85°	96.3	81.1	62.5	51.1	39.8	32.7	29.6	20.4	16.0	12.6	9.7
87.5°	8.4	6.8	5.5	3.6	3.9	2.1	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°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
2.5°	57.9	57.6	57.3	56.7	56.7	56.3	56.0	55.7	54.4	51.5	49.2
5°	60.7	60.2	59.6	58.9	58.3	57.6	57.0	56.3	53.4	47.9	43.2
7.5°	64.9	63.8	63.1	61.5	60.7	59.6	58.9	57.6	52.8	44.5	38.0
10°	69.9	68.0	66.7	64.9	63.3	62.0	60.7	58.9	52.4	40.8	33.2
12.5°	75.9	73.8	71.2	69.1	67.0	65.2	63.3	60.9	51.5	37.7	29.6
15°	82.0	78.8	76.9	74.0	71.2	68.6	66.0	63.8	51.8	34.3	26.4
17.5°	88.7	85.6	81.7	78.5	75.3	72.0	68.8	64.7	50.5	31.6	24.1
20°	95.3	90.8	87.2	83.3	78.8	74.6	70.7	67.0	49.5	29.0	22.0
22.5°	102.3	97.1	92.4	87.4	82.0	77.2	72.5	67.8	47.6	26.7	20.2
25°	111.0	104.9	98.1	92.1	86.3	80.6	74.6	68.8	45.8	24.6	18.9
27.5°	121.4	113.6	106.8	99.2	91.1	83.7	77.2	70.9	44.0	23.1	17.5
30°	134.8	125.6	115.9	106.2	97.6	89.2	80.1	72.2	42.1	21.5	16.2
32.5°	152.6	141.0	129.3	118.0	106.5	95.8	86.1	75.9	41.1	20.2	14.9
35°	176.1	161.2	146.8	132.7	118.8	105.8	93.2	81.7	41.1	18.6	13.3
37.5°	198.3	181.1	162.8	145.2	128.7	113.6	98.7	84.8	39.0	17.3	12.0
40°	222.4	201.8	180.3	159.6	139.7	120.9	103.9	87.9	37.1	15.7	10.7
42.5°	259.4	233.2	205.2	181.1	157.3	134.0	112.8	94.0	34.8	14.1	9.4
45°	307.7	274.5	241.6	212.3	181.9	153.4	128.3	104.9	34.3	12.8	8.1
47.5°	359.5	320.3	281.6	244.2	208.6	175.3	145.2	117.2	34.3	11.5	7.1
50°	411.2	362.0	320.6	277.1	237.1	197.9	162.0	130.0	34.5	10.5	5.8
52.5°	457.7	405.1	358.8	308.6	264.3	218.8	179.8	142.6	34.0	9.1	4.7
55°	522.3	460.6	407.0	351.4	299.6	248.4	204.1	161.5	34.3	8.1	3.9
57.5°	641.4	568.9	504.3	431.5	371.9	305.7	252.0	200.2	37.4	6.8	2.9
60°	812.3	718.1	627.3	538.6	462.7	383.9	314.3	253.3	44.0	5.5	2.1
62.5°	927.3	803.9	695.6	597.8	509.6	427.1	351.2	281.9	48.4	4.5	1.3
63°	939.0	811.5	702.7	601.7	511.6	429.2	352.7	283.9	48.7	4.2	1.3
65°	961.2	824.7	706.6	602.4	509.6	426.3	351.7	283.7	49.2	3.4	1.0
67.5°	935.8	804.5	683.8	579.9	491.3	409.3	338.6	273.2	48.9	2.3	0.7
70°	836.9	728.1	622.1	525.2	444.7	370.6	308.3	249.1	45.0	1.6	0.6
72.5°	614.5	540.4	458.2	388.4	335.0	278.2	237.4	187.2	34.8	1.0	0.3
75°	182.1	166.0	139.4	123.0	108.7	89.8	79.8	62.3	17.8	0.6	0.0
77.5°	36.4	32.9	29.6	27.0	25.4	21.8	20.7	17.0	7.3	0.3	0.0
80°	19.1	15.7	13.3	11.8	10.2	8.4	7.1	5.8	1.3	0.0	0.0
82.5°	18.3	12.3	8.9	7.3	6.3	4.9	3.9	2.9	0.7	0.0	0.0
85°	6.8	5.2	3.9	3.2	2.6	2.3	1.9	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°	55.3	55.3	55.3	55.3	55.3	55.3	55.3
2.5°	46.9	44.7	43.7	42.4	42.4	42.1	42.7
5°	39.0	36.1	34.0	32.5	32.7	31.9	32.2
7.5°	32.9	30.1	28.3	27.3	27.0	26.7	26.7
10°	28.6	26.0	24.4	23.5	23.3	23.3	23.3
12.5°	25.4	22.8	21.5	20.9	20.9	20.7	20.7
15°	22.8	20.7	19.3	18.9	18.9	18.6	18.9
17.5°	20.7	18.6	17.5	17.0	17.0	16.7	16.7
20°	18.9	17.0	16.0	15.2	15.2	14.9	15.2
22.5°	17.3	15.4	14.1	13.6	13.3	13.1	13.3
25°	15.7	13.9	12.6	11.8	11.5	11.5	11.3
27.5°	14.4	12.6	11.0	10.2	10.0	10.0	9.7
30°	13.1	11.0	9.4	8.7	8.4	8.4	8.4
32.5°	11.8	9.4	8.1	7.3	7.1	7.1	7.1
35°	10.5	8.1	6.8	6.0	5.8	5.8	5.8
37.5°	8.9	6.8	5.2	4.7	4.5	4.2	4.2
40°	7.6	5.2	3.9	3.4	2.9	2.9	2.9
42.5°	6.3	4.2	2.9	2.1	1.9	1.6	1.9
45°	5.2	3.2	1.9	1.0	0.7	0.7	0.7
47.5°	4.2	2.1	0.7	0.3	0.3	0.3	0.3
50°	3.2	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)