

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: P180358

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180358
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
Description: ICON SITE MEDIUM LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (21) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1705.7 lumens
Efficiency: N/A
Efficacy: 69.1 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

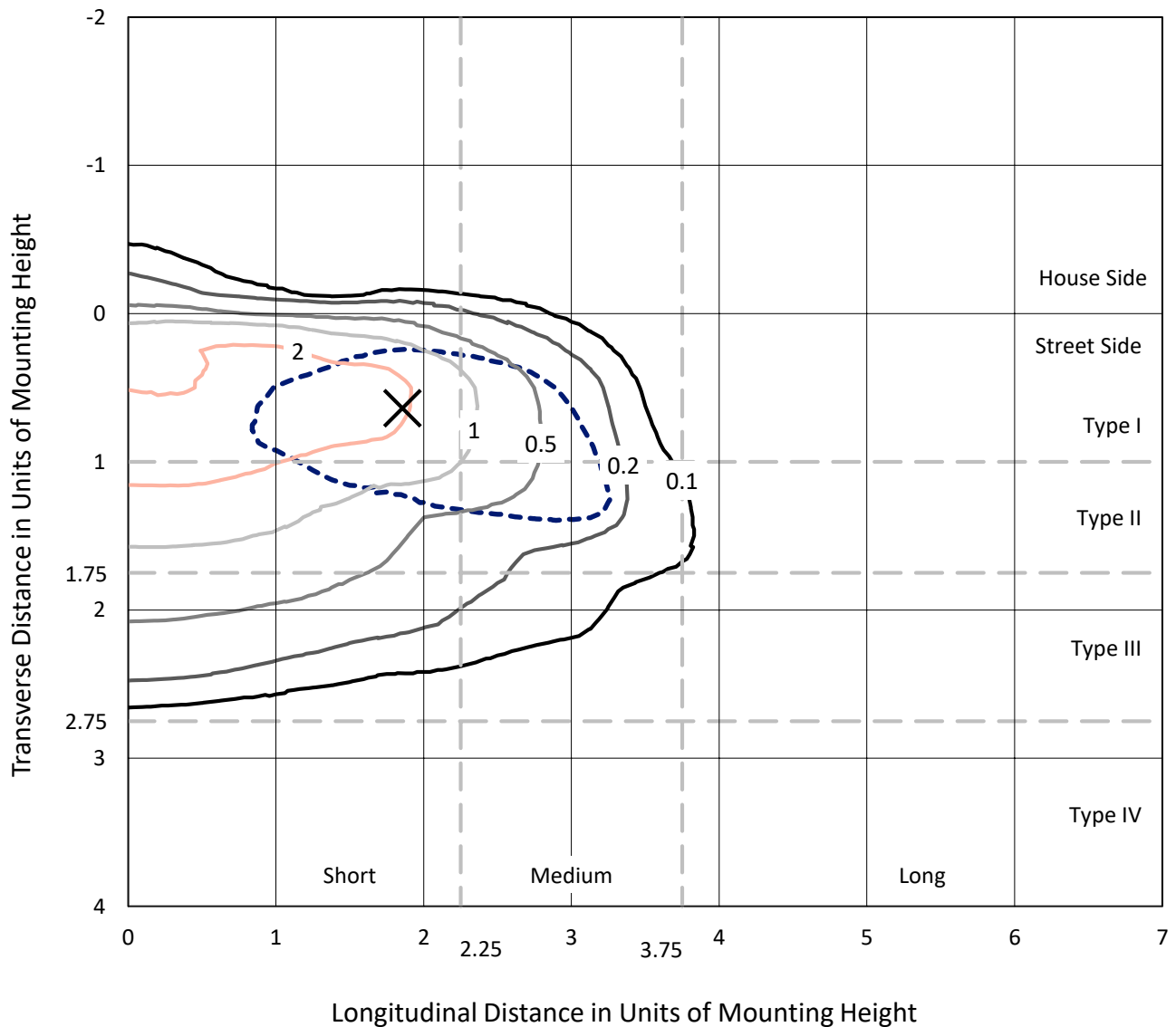


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

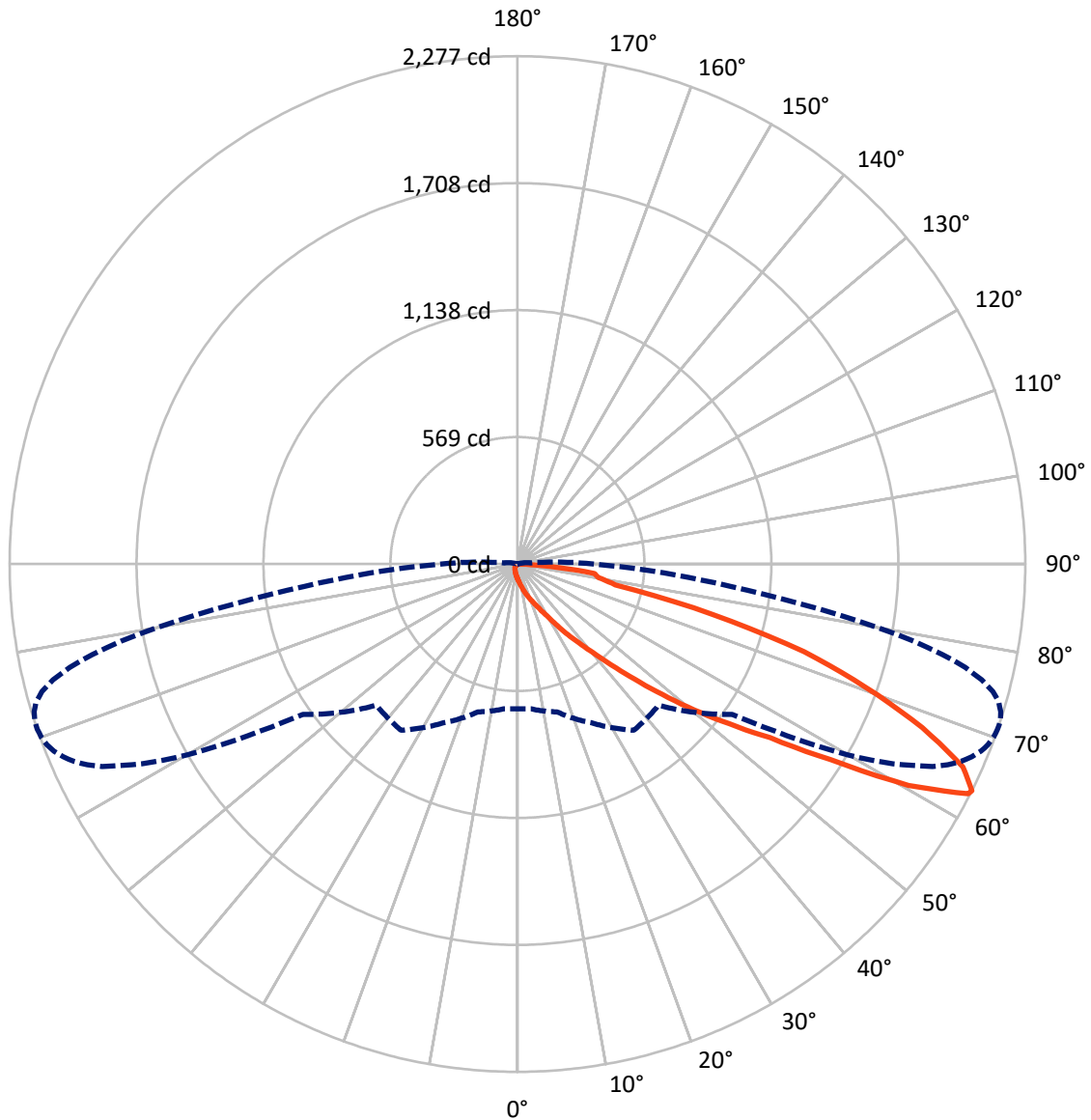


Based on 10 foot mounting height. Maximum calculated value = 3.6 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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

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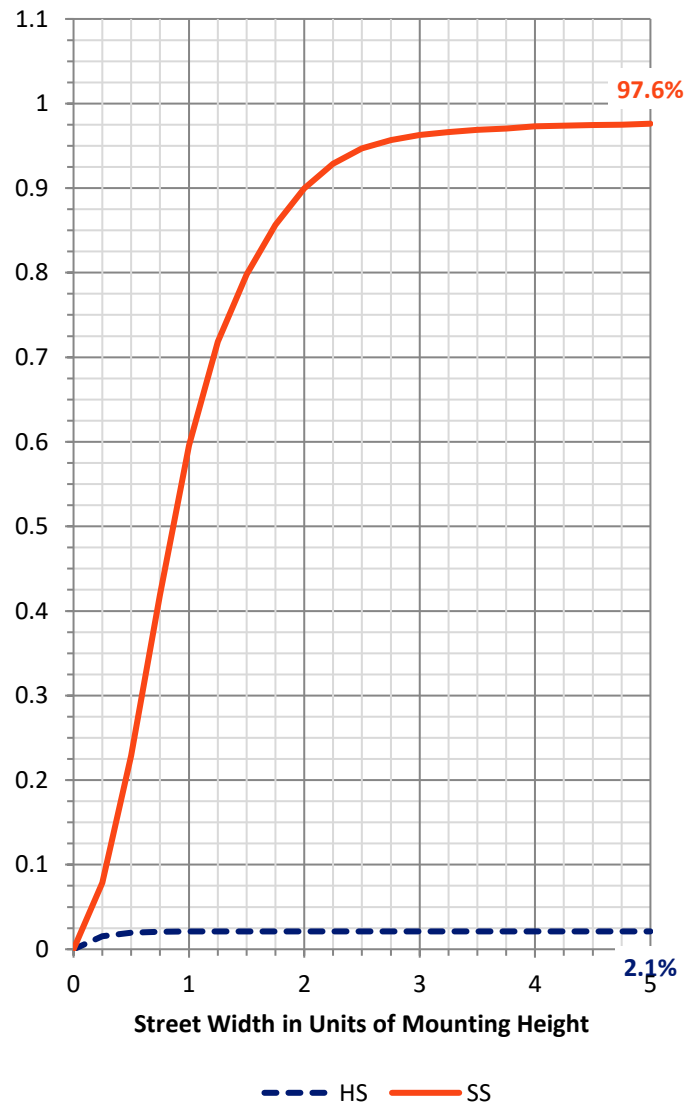
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	36.2	0.0	36.2
	% Fixture	2.1	0.0	2.1
Street Side	Lumens	1669.5	0.0	1669.5
	% Fixture	97.9	0.0	97.9
Total	Lumens	1705.7	0.0	1705.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.2	0.4
10°-20°	28.0	1.6
20°-30°	57.0	3.3
30°-40°	139.2	8.2
40°-50°	311.3	18.2
50°-60°	437.7	25.7
60°-70°	514.7	30.2
70°-80°	185.8	10.9
80°-90°	24.9	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°	1705.7	100.0
0°-180°	1705.7	100.0



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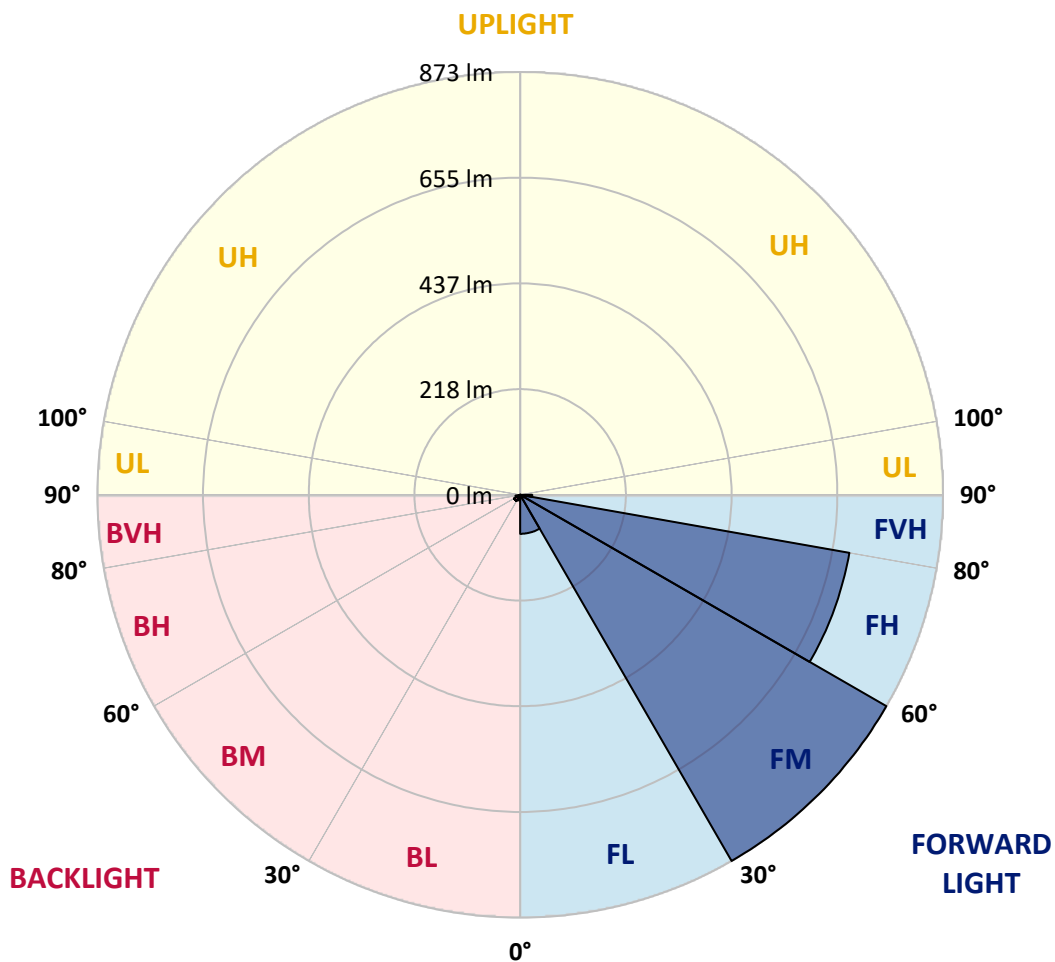
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	80.6	4.7			
FM (30°-60°)	873.5	51.2			
FH (60°-80°)	690.6	40.5			G1/1800
FVH (80°-90°)	24.8	1.5			G1/100
BL (0°-30°)	11.6	0.7	B0/110		
BM (30°-60°)	14.6	0.9	B0/220		
BH (60°-80°)	9.9	0.6	B0/110		G0/110
BVH (80°-90°)	0.1	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°	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
2.5°	85.6	86.5	85.9	84.4	82.5	80.0	77.9	77.9	77.5	76.6	76.9
5°	112.3	112.6	111.3	107.6	104.2	98.9	93.0	92.4	91.8	90.9	90.5
7.5°	138.3	139.5	138.3	134.2	127.4	119.3	110.0	109.1	107.3	107.3	106.0
10°	164.9	164.9	163.7	159.1	152.8	141.4	129.6	128.1	125.9	125.3	123.4
12.5°	183.9	183.9	183.3	180.7	175.8	165.6	151.3	149.8	147.0	146.0	143.9
15°	191.4	191.4	191.6	193.8	194.1	189.5	174.6	173.3	170.5	168.1	167.2
17.5°	196.0	195.6	195.6	198.8	204.4	207.4	197.9	196.6	193.5	192.3	189.1
20°	206.2	205.6	203.7	203.7	209.0	219.8	219.8	219.5	216.1	215.2	213.7
22.5°	221.4	220.7	215.2	210.5	213.0	226.7	239.4	238.8	237.5	236.3	235.4
25°	246.2	244.0	234.4	220.7	218.6	233.2	254.2	255.8	256.7	256.7	257.4
27.5°	283.7	280.9	263.9	238.4	228.8	243.7	270.7	273.8	276.6	277.2	280.0
30°	335.8	330.9	306.3	269.1	247.2	259.3	294.9	298.3	302.3	303.5	307.9
32.5°	421.4	418.6	395.1	339.3	292.1	289.6	328.7	333.0	338.3	340.5	345.8
35°	551.6	552.3	533.0	482.8	417.7	383.5	389.1	392.8	394.7	401.2	404.0
37.5°	640.0	641.6	645.9	626.1	579.5	544.8	501.1	505.1	495.5	496.5	496.7
40°	688.4	693.3	718.8	738.0	734.2	714.1	679.1	681.2	663.3	659.3	639.7
42.5°	720.7	727.2	767.7	827.3	857.7	876.0	867.9	867.0	853.0	847.7	831.4
45°	740.7	746.7	797.9	885.6	955.6	1009.0	1031.0	1033.5	1021.7	1016.5	1002.8
47.5°	739.8	746.7	801.6	907.3	1010.5	1095.8	1157.9	1160.9	1168.1	1163.4	1164.4
50°	698.9	705.4	760.7	870.4	994.4	1135.5	1249.0	1258.9	1270.4	1278.1	1281.9
52.5°	649.3	654.0	703.0	807.2	925.6	1119.1	1303.0	1320.0	1337.0	1351.6	1361.9
55°	631.0	636.3	674.7	761.2	870.4	1050.2	1328.1	1353.2	1377.4	1401.2	1420.8
57.5°	640.7	645.6	673.2	739.5	837.5	977.7	1335.2	1374.2	1414.0	1452.8	1491.2
60°	676.0	681.2	704.8	759.7	828.8	935.8	1307.3	1372.1	1438.1	1505.8	1569.3
62.5°	662.1	664.2	698.9	795.1	890.9	900.2	1205.9	1296.5	1397.2	1501.4	1604.0
63°	648.7	651.2	686.5	785.4	909.8	894.9	1174.6	1270.1	1376.5	1488.7	1600.3
65°	588.2	588.6	615.5	693.7	888.7	904.2	1035.1	1126.2	1248.4	1383.0	1524.0
67.5°	439.1	436.9	463.0	522.5	697.7	904.5	888.4	939.5	1024.5	1143.9	1270.4
70°	155.6	152.3	194.4	276.9	434.7	739.8	763.4	766.8	790.4	854.9	934.2
72.5°	50.5	51.4	62.0	101.4	200.3	498.0	691.2	680.7	674.4	674.1	684.7
75°	20.2	20.5	24.8	44.9	90.0	240.0	605.3	611.2	613.3	616.5	619.8
77.5°	9.6	10.5	14.0	25.1	44.7	118.8	433.2	483.1	511.6	533.7	547.0
80°	3.4	4.0	7.7	15.5	20.7	54.6	228.2	275.4	317.2	371.2	417.7
82.5°	0.0	0.0	1.6	10.9	11.4	22.0	93.7	109.8	125.6	162.8	209.0
85°	0.0	0.0	0.0	3.1	3.4	3.7	31.6	38.1	42.8	50.0	57.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	1.9	4.7	7.2
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°	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
2.5°	76.3	76.0	76.0	75.3	75.1	74.4	74.1	73.2	72.8	72.8	72.8
5°	90.2	89.0	88.4	86.8	85.9	85.6	84.0	83.4	82.5	82.8	81.2
7.5°	105.8	103.5	102.6	100.5	99.8	97.7	97.0	95.5	94.6	92.7	92.1
10°	122.8	120.0	118.4	115.1	114.1	112.6	110.7	108.8	107.3	105.4	104.5
12.5°	142.3	139.8	138.6	134.0	131.8	129.6	127.2	124.7	122.1	120.7	118.4
15°	165.3	161.2	160.0	155.6	151.9	149.1	145.8	142.6	140.7	137.7	135.5
17.5°	187.9	183.9	183.0	176.5	172.4	170.5	166.8	162.8	159.3	156.3	152.8
20°	210.5	207.7	205.3	199.1	194.7	191.6	186.7	182.6	179.8	175.5	171.2
22.5°	233.2	230.4	228.6	222.0	218.0	213.7	209.3	204.9	200.9	195.6	190.7
25°	256.5	254.6	253.7	247.7	244.0	240.0	235.6	230.7	225.8	219.8	214.6
27.5°	280.7	281.2	279.4	278.1	274.1	271.4	264.5	261.1	257.4	250.2	243.7
30°	311.4	313.2	312.6	313.5	311.0	309.1	303.9	299.5	295.2	288.4	280.9
32.5°	350.0	352.6	353.8	357.2	356.0	355.4	353.8	347.6	344.5	332.7	329.6
35°	410.0	408.7	414.0	416.7	415.5	414.9	413.0	409.6	405.9	397.5	389.8
37.5°	487.7	489.0	490.9	485.3	481.6	481.2	475.6	472.3	467.0	457.7	448.4
40°	630.4	622.6	614.0	590.4	580.2	574.2	557.9	553.2	544.2	531.4	521.9
42.5°	815.8	808.1	782.1	742.6	721.6	692.4	679.1	662.6	650.0	629.1	618.0
45°	1000.0	977.7	974.6	928.7	902.6	864.2	840.3	812.7	783.9	756.6	736.7
47.5°	1155.4	1150.4	1135.2	1107.3	1083.1	1050.9	1020.2	977.7	947.9	909.1	873.5
50°	1279.7	1279.4	1273.8	1257.7	1237.5	1211.4	1184.5	1148.6	1114.7	1067.3	1029.1
52.5°	1372.8	1377.7	1379.5	1374.6	1366.8	1343.9	1330.2	1300.2	1271.6	1231.4	1190.1
55°	1440.9	1459.3	1468.6	1479.1	1476.9	1468.8	1468.2	1448.7	1435.6	1403.7	1374.6
57.5°	1525.3	1555.4	1584.2	1635.4	1637.2	1655.2	1664.5	1673.8	1676.3	1663.5	1654.0
60°	1632.6	1694.0	1748.6	1855.5	1883.5	1927.5	1956.0	1987.0	2013.3	2015.5	2014.9
62.5°	1708.2	1802.8	1890.9	2049.6	2103.9	2154.7	2192.9	2223.0	2241.2	2259.8	2268.6
63°	1710.4	1814.0	1907.6	2071.4	2128.4	2176.8	2213.0	2240.9	2260.2	2271.4	2276.9
65°	1658.0	1783.5	1895.2	2058.3	2111.9	2160.7	2179.5	2197.9	2207.2	2211.5	2195.1
67.5°	1405.3	1528.1	1658.3	1840.7	1886.5	1944.8	1960.3	1969.6	1974.0	1973.0	1959.1
70°	1050.9	1153.8	1298.6	1507.0	1567.7	1624.8	1660.2	1675.4	1680.3	1678.8	1658.0
72.5°	733.7	794.1	913.5	1145.4	1228.2	1301.4	1345.1	1367.7	1372.4	1363.1	1343.9
75°	616.1	619.3	646.2	773.0	850.5	928.7	978.0	992.3	983.0	954.7	905.8
77.5°	550.0	556.9	556.9	575.8	591.0	612.7	617.4	582.6	542.3	490.2	448.1
80°	461.4	485.3	502.0	516.0	517.5	513.2	501.7	482.1	451.2	411.4	367.4
82.5°	280.3	327.4	346.7	418.6	454.0	477.9	476.0	450.0	426.3	385.1	347.6
85°	70.7	76.3	82.8	107.6	120.7	147.3	164.0	171.8	174.6	160.3	145.1
87.5°	6.8	4.7	7.7	5.9	8.4	6.2	8.4	7.7	9.6	10.2	11.2
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°	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
2.5°	72.3	71.9	71.6	71.3	71.0	70.7	70.0	70.0	69.5	69.1	68.8
5°	80.3	79.7	79.3	78.8	77.9	77.2	76.3	75.1	74.1	73.8	73.2
7.5°	90.5	89.0	88.4	87.4	86.2	84.4	83.1	82.1	80.7	79.7	77.9
10°	102.0	100.5	98.6	96.7	94.9	92.7	91.2	90.0	87.4	86.2	84.0
12.5°	116.6	113.8	111.6	109.1	106.7	104.2	102.3	98.6	96.5	93.7	91.8
15°	131.4	129.0	126.5	123.4	119.7	115.6	113.8	110.4	107.6	103.3	100.7
17.5°	149.5	144.8	141.1	137.4	134.0	130.2	126.5	121.2	117.2	113.5	108.6
20°	167.2	161.6	157.5	152.6	147.6	141.7	137.4	133.7	128.1	123.1	117.9
22.5°	186.0	180.5	174.0	169.0	162.1	157.5	151.6	145.4	139.8	133.3	126.8
25°	209.0	203.1	195.6	189.1	181.4	174.9	167.7	160.7	153.8	146.3	138.0
27.5°	237.2	231.0	223.0	215.2	204.9	196.9	190.0	180.5	171.8	162.5	152.8
30°	272.8	266.0	256.1	244.9	234.7	225.8	216.1	203.4	193.8	182.6	170.2
32.5°	319.4	311.4	298.0	287.4	274.7	263.0	249.6	236.9	223.3	208.7	194.4
35°	378.0	370.5	355.1	339.5	325.6	311.6	294.9	280.3	261.1	243.4	225.1
37.5°	438.8	425.4	411.2	394.4	377.0	360.3	339.8	319.7	297.7	278.4	255.5
40°	508.2	492.1	480.3	462.3	437.9	414.0	395.1	370.0	342.3	316.6	289.6
42.5°	603.4	585.4	564.4	537.0	519.4	491.4	467.0	437.2	400.9	372.1	339.5
45°	713.5	689.0	668.6	642.1	620.7	586.1	557.5	517.9	481.6	443.7	404.0
47.5°	839.1	808.7	778.9	752.8	718.8	684.7	648.4	606.2	559.7	518.1	471.0
50°	983.3	940.2	898.9	865.4	818.6	779.3	739.8	692.4	640.9	593.2	539.5
52.5°	1143.5	1093.7	1039.1	987.6	933.3	882.8	835.4	780.7	723.4	665.1	605.3
55°	1337.0	1299.5	1235.4	1170.0	1097.4	1029.8	968.7	901.1	831.4	754.7	691.8
57.5°	1640.0	1621.7	1568.1	1502.6	1408.1	1325.9	1222.3	1139.5	1038.4	933.0	851.8
60°	2050.5	2027.9	1997.9	1944.8	1869.8	1758.2	1644.0	1515.4	1361.6	1215.5	1076.9
62.5°	2269.5	2261.4	2236.9	2200.3	2130.2	2042.2	1927.2	1785.8	1612.1	1434.7	1258.0
63°	2276.0	2265.8	2244.7	2207.5	2145.8	2060.5	1947.6	1810.2	1640.3	1459.5	1279.1
65°	2187.9	2183.9	2162.5	2121.9	2079.7	2014.6	1927.2	1809.0	1666.3	1495.5	1316.0
67.5°	1940.5	1928.4	1895.5	1883.1	1853.7	1808.4	1741.7	1660.5	1558.4	1424.2	1269.1
70°	1641.2	1623.3	1582.1	1560.0	1524.0	1495.5	1454.9	1396.9	1334.0	1240.3	1124.7
72.5°	1324.0	1286.8	1249.0	1191.6	1141.4	1090.5	1045.6	1004.7	935.5	897.7	810.0
75°	859.8	792.3	727.4	640.7	562.5	493.3	426.0	391.9	320.9	292.1	250.9
77.5°	408.1	370.2	319.4	280.0	229.8	187.6	153.2	115.1	90.2	70.7	54.0
80°	329.3	297.4	266.7	231.0	193.2	154.1	118.1	88.4	62.6	43.4	30.7
82.5°	293.7	258.9	221.1	196.6	170.9	139.8	114.7	93.7	69.1	50.5	34.4
85°	114.1	96.1	74.1	60.5	47.2	38.8	35.1	24.2	18.9	14.9	11.4
87.5°	10.0	8.1	6.5	4.4	4.7	2.5	2.8	1.9	1.6	1.6	1.2
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
2.5°	68.6	68.2	67.9	67.3	67.3	66.7	66.3	66.0	64.5	61.1	58.3
5°	71.9	71.3	70.7	69.8	69.1	68.2	67.6	66.7	63.3	56.7	51.2
7.5°	76.9	75.6	74.7	72.8	71.9	70.7	69.8	68.2	62.6	52.7	44.9
10°	82.8	80.7	79.1	76.9	75.1	73.5	71.9	69.8	62.0	48.4	39.3
12.5°	90.0	87.4	84.4	81.9	79.3	77.2	75.1	72.3	61.1	44.7	35.1
15°	97.0	93.3	91.2	87.7	84.4	81.2	78.1	75.6	61.4	40.7	31.3
17.5°	105.1	101.4	96.7	93.0	89.3	85.3	81.6	76.6	59.8	37.5	28.6
20°	112.8	107.6	103.3	98.6	93.3	88.4	83.7	79.3	58.6	34.4	26.0
22.5°	121.2	115.1	109.5	103.5	97.0	91.4	85.9	80.3	56.5	31.6	23.9
25°	131.4	124.4	116.3	109.1	102.3	95.5	88.4	81.6	54.2	29.1	22.3
27.5°	143.9	134.6	126.5	117.5	107.9	99.3	91.4	84.0	52.1	27.3	20.7
30°	159.7	148.8	137.4	125.9	115.6	105.8	94.9	85.6	50.0	25.4	19.3
32.5°	180.7	167.2	153.2	139.8	126.2	113.5	102.0	90.0	48.7	23.9	17.7
35°	208.7	191.0	174.0	157.2	140.7	125.3	110.4	96.7	48.7	22.0	15.8
37.5°	235.1	214.6	192.8	172.1	152.6	134.6	116.9	100.5	46.2	20.5	14.2
40°	263.5	239.1	213.7	189.1	165.6	143.3	123.1	104.2	44.0	18.6	12.7
42.5°	307.3	276.3	243.1	214.6	186.3	158.8	133.7	111.3	41.2	16.7	11.2
45°	364.7	325.3	286.2	251.4	215.5	181.7	151.9	124.4	40.7	15.2	9.6
47.5°	426.0	379.5	333.7	289.3	247.2	207.7	172.1	138.9	40.7	13.7	8.4
50°	487.2	428.8	379.8	328.4	280.9	234.4	191.9	154.1	40.9	12.4	6.8
52.5°	542.3	480.0	425.1	365.6	313.2	259.3	213.0	169.0	40.3	10.9	5.6
55°	618.9	545.8	482.1	416.5	355.1	294.2	241.9	191.4	40.7	9.6	4.7
57.5°	760.0	674.1	597.5	511.4	440.7	362.1	298.6	237.2	44.4	8.1	3.4
60°	962.5	850.9	743.3	638.1	548.2	454.9	372.4	300.2	52.1	6.5	2.5
62.5°	1098.6	952.6	824.2	708.2	603.7	506.0	416.1	334.0	57.4	5.3	1.6
63°	1112.6	961.6	832.6	712.8	606.2	508.6	418.0	336.5	57.7	4.9	1.6
65°	1138.9	977.0	837.2	713.8	603.7	505.1	416.7	336.1	58.3	4.0	1.2
67.5°	1108.8	953.2	810.2	687.2	582.1	484.9	401.2	323.7	58.0	2.8	0.9
70°	991.6	862.6	737.0	622.3	526.8	439.1	365.3	295.2	53.3	1.9	0.7
72.5°	728.1	640.3	543.0	460.2	396.9	329.6	281.2	221.7	41.2	1.2	0.3
75°	215.8	196.6	165.3	145.8	128.7	106.3	94.6	73.8	21.1	0.7	0.0
77.5°	43.1	39.1	35.1	31.9	30.0	25.8	24.5	20.2	8.7	0.3	0.0
80°	22.6	18.6	15.8	14.0	12.1	10.0	8.4	6.8	1.6	0.0	0.0
82.5°	21.7	14.6	10.5	8.7	7.4	5.9	4.7	3.4	0.9	0.0	0.0
85°	8.1	6.2	4.7	3.7	3.1	2.8	2.1	1.9	0.0	0.0	0.0
87.5°	1.2	0.9	0.9	0.7	0.7	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°	65.4	65.4	65.4	65.4	65.4	65.4	65.4
2.5°	55.5	53.0	51.8	50.2	50.2	50.0	50.5
5°	46.2	42.8	40.3	38.4	38.8	37.9	38.1
7.5°	39.1	35.6	33.5	32.3	31.9	31.6	31.6
10°	33.8	30.7	28.8	27.9	27.6	27.6	27.6
12.5°	30.0	27.0	25.4	24.8	24.8	24.5	24.5
15°	27.0	24.5	23.0	22.3	22.3	22.0	22.3
17.5°	24.5	22.0	20.7	20.2	20.2	19.8	19.8
20°	22.3	20.2	18.9	18.0	18.0	17.7	18.0
22.5°	20.5	18.3	16.7	16.1	15.8	15.5	15.8
25°	18.6	16.5	14.9	14.0	13.7	13.7	13.3
27.5°	17.0	14.9	13.0	12.1	11.8	11.8	11.4
30°	15.5	13.0	11.2	10.2	10.0	10.0	10.0
32.5°	14.0	11.2	9.6	8.7	8.4	8.4	8.4
35°	12.4	9.6	8.1	7.2	6.8	6.8	6.8
37.5°	10.5	8.1	6.2	5.6	5.3	4.9	4.9
40°	9.0	6.2	4.7	4.0	3.4	3.4	3.4
42.5°	7.4	4.9	3.4	2.5	2.1	1.9	2.1
45°	6.2	3.7	2.1	1.2	0.9	0.9	0.9
47.5°	4.9	2.5	0.9	0.3	0.3	0.3	0.3
50°	3.7	1.6	0.3	0.0	0.0	0.3	0.3
52.5°	2.8	0.9	0.0	0.0	0.0	0.0	0.0
55°	1.6	0.3	0.0	0.0	0.0	0.0	0.0
57.5°	0.9	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.7	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)