

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: P181318

Luminaire Tested: **ICM-E01-LED-E1-T3-HSS-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181318
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: ICM-E01-LED-E1-T3-HSS-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(1) 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: 1385.1 lumens
Efficiency: N/A
Efficacy: 56.1 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

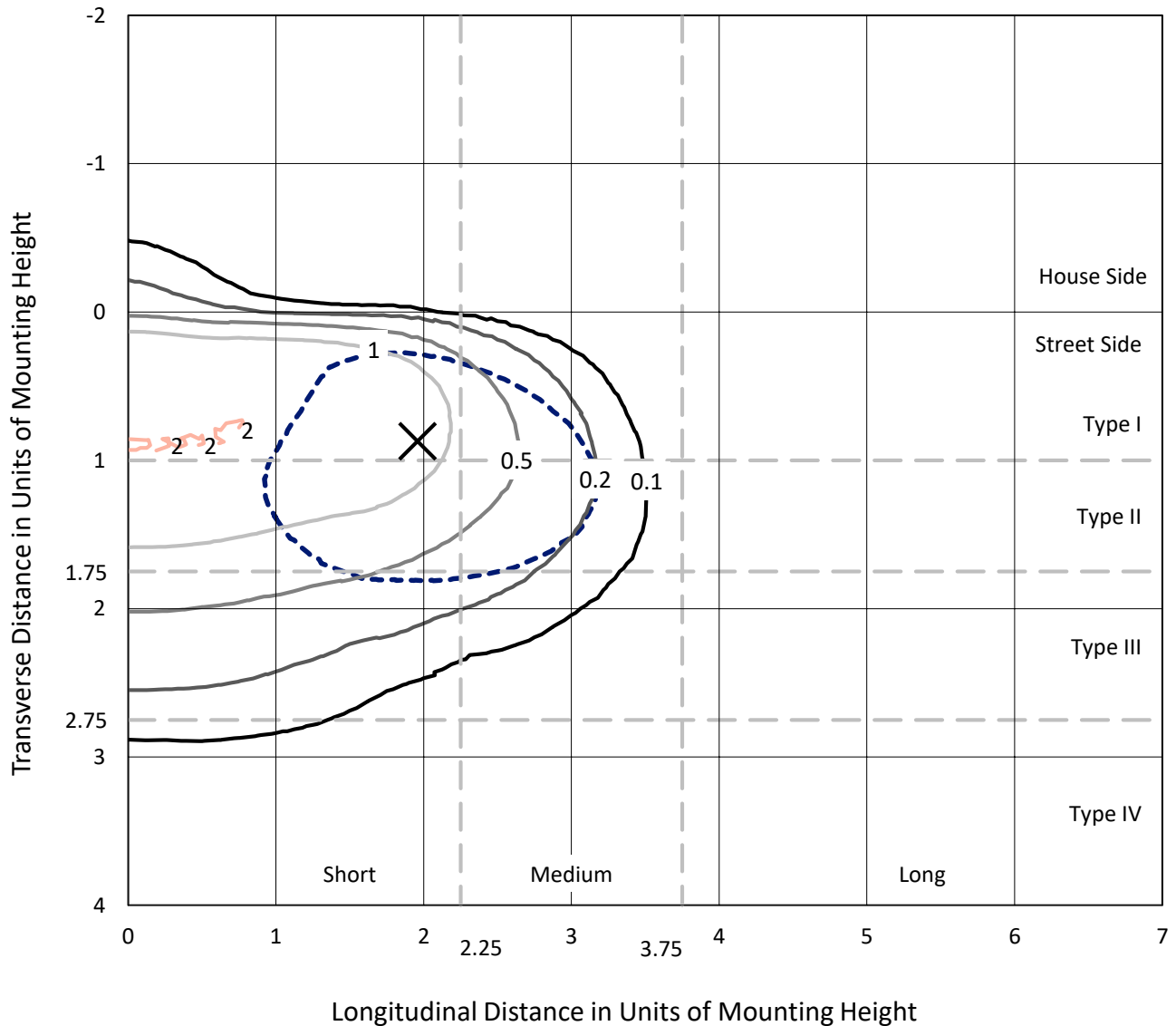
Input Watts (W): 24.7
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

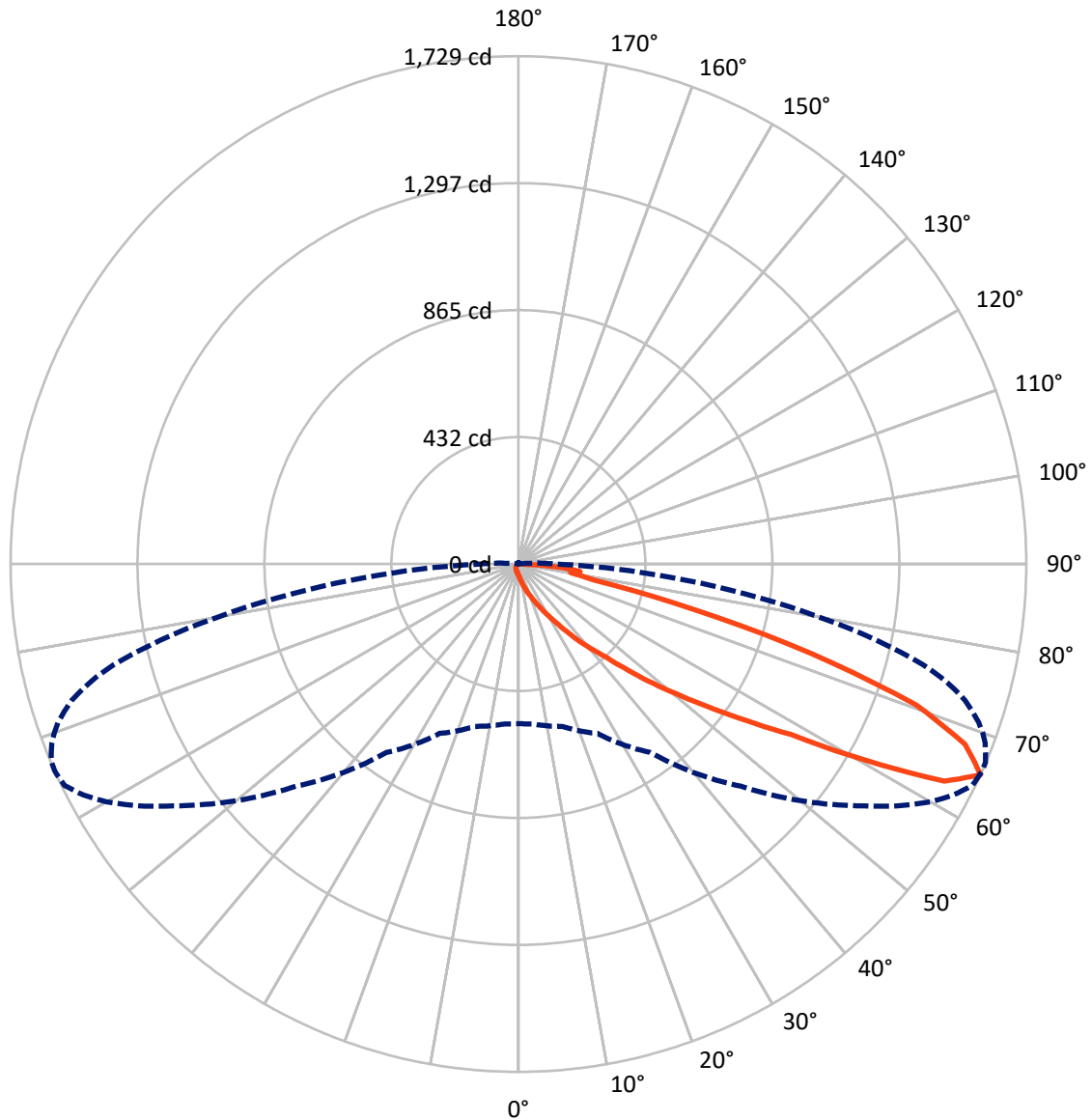
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2 fc
 Type III - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 66-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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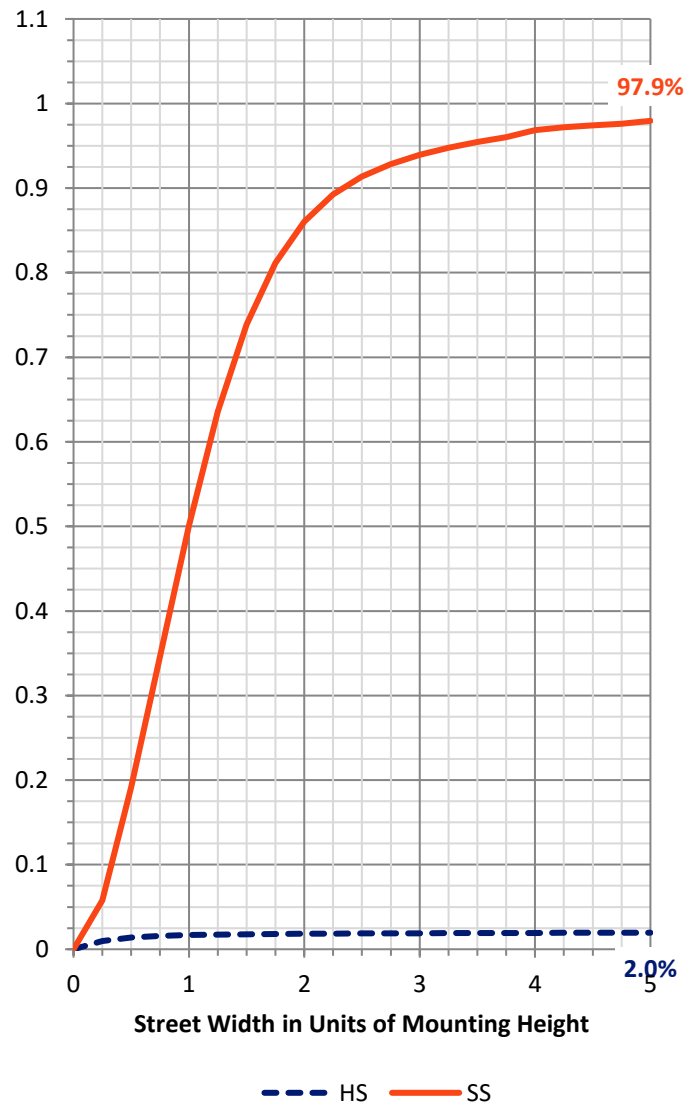
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	27.8	0.0	27.8
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	1357.4	0.0	1357.4
	% Fixture	98.0	0.0	98.0
Total	Lumens	1385.1	0.0	1385.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.7	0.3
10°-20°	22.5	1.6
20°-30°	51.5	3.7
30°-40°	97.9	7.1
40°-50°	196.5	14.2
50°-60°	347.6	25.1
60°-70°	454.2	32.8
70°-80°	186.7	13.5
80°-90°	23.5	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°	1385.1	100.0
0°-180°	1385.1	100.0



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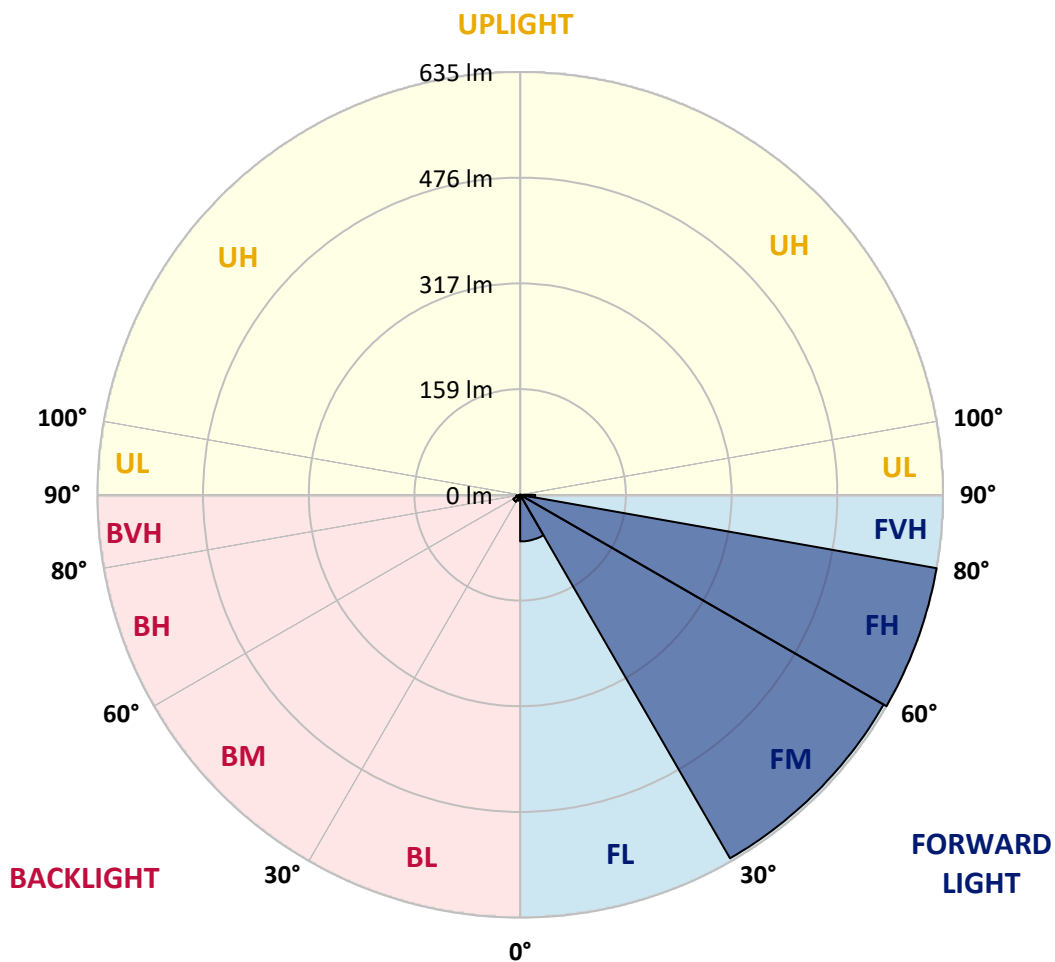
CATALOG NUMBER: ICM-E01-LED-E1-T3-HSS-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	70.0	5.1			
FM	(30°-60°)	630.1	45.5			
FH	(60°-80°)	634.8	45.8			G0/660
FVH	(80°-90°)	22.5	1.6			G1/100
BL	(0°-30°)	8.7	0.6	B0/110		
BM	(30°-60°)	11.9	0.9	B0/220		
BH	(60°-80°)	6.1	0.4	B0/110		G0/110
BVH	(80°-90°)	1.0	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°	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
2.5°	51.0	50.1	50.4	48.7	47.5	46.1	45.0	44.7	44.5	43.9	44.2
5°	73.4	72.5	70.5	67.2	64.0	59.2	54.4	54.0	53.2	52.4	51.8
7.5°	102.0	100.6	98.2	92.7	84.9	76.5	66.9	66.0	64.8	63.7	62.6
10°	135.1	134.2	130.0	123.4	111.9	98.0	81.9	81.0	78.4	77.0	75.9
12.5°	170.0	166.2	164.6	153.2	139.9	120.9	100.3	97.1	95.2	93.2	90.3
15°	196.3	196.8	192.8	183.8	168.2	146.1	120.4	116.9	114.1	110.4	107.1
17.5°	220.1	218.9	214.7	209.0	194.3	171.9	141.9	137.4	132.8	130.9	126.0
20°	239.4	238.8	235.4	230.0	218.6	197.1	164.6	160.8	155.7	152.4	147.0
22.5°	254.6	254.6	252.7	249.5	238.4	221.2	188.7	184.7	179.5	175.3	169.4
25°	266.8	266.5	266.8	265.4	258.0	242.1	213.3	208.7	204.5	199.4	193.7
27.5°	280.7	281.2	280.7	279.8	276.7	263.9	238.1	235.1	230.2	224.8	219.2
30°	302.1	300.5	300.2	299.6	296.0	288.0	263.9	260.3	256.6	252.9	248.9
32.5°	324.8	322.0	321.1	321.1	318.6	311.5	293.7	291.7	286.3	283.5	280.1
35°	350.6	349.5	348.4	348.7	347.5	340.1	325.4	326.0	324.3	318.6	315.3
37.5°	388.3	388.6	386.6	382.9	382.9	376.4	367.9	366.8	362.5	361.1	359.1
40°	442.0	440.7	439.0	433.6	431.6	420.6	412.7	409.8	406.4	406.1	403.8
42.5°	504.4	502.7	502.7	498.7	494.8	481.5	466.4	464.5	460.7	462.0	461.0
45°	562.1	563.6	565.6	568.4	568.9	563.4	541.5	539.0	536.9	535.8	535.0
47.5°	612.0	614.6	621.1	633.3	648.8	650.8	633.6	626.7	625.3	623.4	621.7
50°	647.7	651.4	666.1	689.9	720.2	738.9	729.6	723.9	723.6	718.2	717.7
52.5°	668.1	672.1	696.1	732.1	779.1	815.6	827.3	827.0	826.4	821.6	819.6
55°	672.7	676.8	705.8	754.8	821.9	885.0	929.5	930.6	933.2	931.7	931.7
57.5°	660.2	665.6	697.0	757.6	844.3	940.0	1037.1	1043.6	1046.7	1057.8	1070.5
60°	637.2	641.2	672.7	740.3	848.2	990.1	1177.0	1197.7	1213.9	1235.6	1256.3
62.5°	594.7	602.7	632.7	706.3	836.3	1047.9	1344.1	1382.3	1413.8	1446.9	1486.9
65°	543.2	546.6	572.1	636.4	783.1	1070.0	1436.5	1473.9	1514.1	1549.4	1585.1
67.5°	478.6	481.5	503.5	531.0	646.3	966.6	1345.5	1386.9	1423.2	1452.3	1499.1
70°	313.5	319.7	373.9	401.0	451.7	714.5	1100.3	1140.2	1168.0	1187.8	1241.9
72.5°	229.7	233.7	255.4	311.5	324.0	422.2	774.3	817.6	827.8	865.2	890.4
75°	140.2	150.1	199.4	266.8	315.8	289.1	463.9	484.8	508.4	535.5	559.6
77.5°	28.3	32.3	65.1	183.8	277.9	309.0	277.0	280.9	292.6	295.1	304.2
80°	4.6	4.8	8.5	79.3	160.8	249.8	277.0	273.3	266.8	262.2	257.7
82.5°	2.0	2.2	3.7	20.1	34.2	83.3	239.6	258.3	279.8	291.7	294.8
85°	0.8	0.8	1.4	4.0	5.1	5.7	40.5	53.5	95.4	126.9	146.1
87.5°	0.6	0.6	0.8	0.8	1.1	1.4	2.0	2.0	2.2	2.5	3.7
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°	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
2.5°	44.2	43.9	43.9	43.1	43.1	42.8	42.8	42.5	42.5	42.0	42.2
5°	51.5	51.0	50.4	49.6	49.3	48.7	48.2	47.3	47.0	46.4	46.1
7.5°	61.5	60.9	59.7	58.0	56.9	55.8	54.7	53.5	52.7	51.8	51.3
10°	73.7	71.9	71.3	68.0	66.5	64.3	62.9	61.8	60.0	58.6	57.8
12.5°	88.4	87.0	84.1	79.6	77.3	75.3	72.7	70.5	68.8	66.2	64.6
15°	103.6	102.5	98.5	93.5	90.6	87.0	84.4	82.1	78.4	76.7	73.7
17.5°	122.9	119.5	115.5	108.2	104.5	101.4	96.8	93.5	91.2	86.1	83.3
20°	142.7	139.1	134.0	125.8	120.7	115.8	112.2	107.6	102.8	99.4	94.6
22.5°	165.4	159.4	155.4	145.3	139.3	134.2	128.0	123.2	118.4	113.0	107.6
25°	189.5	183.5	178.7	167.1	160.8	155.7	148.4	141.6	135.6	129.7	123.4
27.5°	214.7	209.3	203.9	192.0	186.6	179.5	172.7	164.8	157.2	151.8	143.3
30°	243.8	239.4	233.4	220.7	214.7	207.4	200.2	190.9	183.5	176.2	167.9
32.5°	275.3	271.6	265.4	254.0	247.0	240.7	233.1	224.0	213.6	205.9	196.3
35°	313.5	307.3	303.6	292.8	287.4	280.7	272.7	264.8	253.8	243.0	234.8
37.5°	357.1	354.3	349.5	339.3	335.4	328.3	323.2	315.3	306.7	293.1	284.4
40°	401.9	399.9	395.6	385.5	381.5	376.7	370.7	363.1	352.8	345.8	332.7
42.5°	458.8	455.7	452.3	442.7	435.0	429.0	426.5	420.0	409.2	400.2	390.0
45°	531.0	529.6	525.1	515.4	507.8	503.8	499.9	488.8	481.8	472.7	465.6
47.5°	618.2	613.7	611.4	600.7	598.1	595.0	584.8	578.6	568.4	561.3	552.6
50°	712.6	707.7	708.0	695.0	695.5	693.3	685.7	678.3	669.5	663.3	657.9
52.5°	814.0	816.2	810.5	814.5	810.0	804.8	803.4	794.4	786.8	786.5	779.1
55°	938.5	934.9	936.3	940.3	934.1	939.7	936.8	925.2	925.5	927.8	919.3
57.5°	1072.6	1077.9	1089.5	1092.1	1102.8	1095.4	1114.7	1100.8	1109.3	1109.3	1103.6
60°	1269.0	1290.6	1318.6	1340.5	1360.6	1354.1	1379.3	1363.4	1374.7	1365.0	1360.3
62.5°	1505.9	1534.4	1567.5	1603.0	1623.4	1628.5	1624.8	1631.8	1620.8	1613.8	1595.4
65°	1619.7	1648.0	1676.8	1719.4	1725.0	1729.3	1727.5	1715.7	1702.1	1682.0	1658.0
67.5°	1525.1	1564.8	1580.8	1629.9	1646.3	1640.4	1642.3	1627.1	1605.8	1586.0	1550.6
70°	1264.6	1309.9	1318.3	1388.6	1408.1	1436.5	1426.2	1421.7	1398.5	1381.8	1342.7
72.5°	920.7	956.1	953.3	1032.3	1028.9	1040.5	1068.0	1066.9	1042.5	1037.1	1004.3
75°	566.7	587.9	586.8	642.9	619.4	616.0	623.6	620.2	597.3	573.5	553.1
77.5°	300.2	309.9	299.6	282.9	281.2	262.2	256.8	256.6	239.1	217.5	201.7
80°	252.9	243.0	231.1	206.7	192.6	179.8	167.9	156.9	145.0	129.1	109.9
82.5°	295.4	290.6	282.0	251.5	236.7	211.3	192.3	174.4	152.7	136.2	111.6
85°	143.9	143.6	150.4	147.3	141.9	140.7	122.0	118.1	109.3	100.3	83.8
87.5°	4.0	2.8	3.4	2.8	3.4	3.7	2.5	6.0	3.7	3.4	4.0
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
2.5°	42.0	41.7	41.3	41.3	41.0	41.0	40.7	40.5	40.5	40.2	40.2
5°	45.6	45.0	44.7	44.5	43.9	43.6	43.1	42.8	42.2	42.0	41.3
7.5°	50.1	49.6	48.5	47.9	47.0	46.7	45.3	44.7	44.2	43.6	42.8
10°	55.8	54.4	53.2	52.1	50.7	49.6	48.5	47.5	46.4	45.0	44.5
12.5°	62.9	60.9	59.2	57.2	55.5	53.8	51.8	50.4	48.7	47.3	45.9
15°	70.8	68.0	65.7	62.9	60.0	58.0	56.1	54.0	51.8	49.9	48.2
17.5°	79.9	76.2	73.0	69.7	66.5	63.7	60.3	57.8	55.3	52.4	50.1
20°	89.5	85.8	81.6	77.9	73.4	70.2	66.0	62.6	58.9	56.1	52.9
22.5°	102.2	97.4	92.0	87.0	82.1	77.3	72.7	68.6	64.0	59.7	56.7
25°	117.2	111.3	104.5	99.4	92.7	87.3	81.6	76.2	71.3	66.0	60.9
27.5°	135.9	128.0	120.7	113.6	106.2	99.4	92.0	85.8	79.3	73.0	67.4
30°	157.8	150.1	139.1	131.2	123.7	114.4	107.1	98.9	91.4	82.4	76.2
32.5°	186.6	176.7	165.1	154.6	145.0	134.5	124.4	113.9	104.2	96.0	86.7
35°	224.3	212.7	198.8	185.5	174.7	162.0	148.9	137.1	126.0	114.1	102.5
37.5°	271.9	261.1	246.1	230.0	215.5	200.2	186.6	170.0	155.2	140.7	126.0
40°	319.2	309.3	293.7	276.4	257.7	240.2	222.9	203.9	185.2	167.1	151.8
42.5°	377.5	362.8	346.0	326.5	308.4	287.4	266.0	244.1	221.8	199.9	178.1
45°	450.9	439.5	416.0	395.1	373.6	348.9	322.3	297.4	268.7	243.0	214.1
47.5°	540.1	519.7	502.4	483.2	456.3	432.5	398.5	369.0	333.3	299.1	264.6
50°	645.4	634.1	611.2	587.1	558.0	529.6	496.5	454.0	411.3	374.7	327.4
52.5°	768.7	752.5	738.1	713.1	683.4	647.2	609.5	563.4	510.9	459.4	408.9
55°	914.8	903.4	889.6	869.8	831.8	790.7	745.4	690.1	628.2	558.8	500.2
57.5°	1103.4	1091.5	1078.1	1037.4	1011.6	961.2	895.5	838.3	771.4	682.5	609.8
60°	1360.8	1344.7	1326.0	1292.8	1239.1	1173.6	1103.1	1018.4	936.6	839.4	744.0
62.5°	1580.8	1555.1	1515.2	1472.4	1407.8	1332.8	1244.1	1144.5	1051.3	942.0	835.7
65°	1626.2	1590.8	1543.8	1488.0	1421.4	1336.8	1244.1	1148.7	1039.1	936.3	829.5
67.5°	1508.4	1467.4	1419.2	1356.8	1293.4	1206.2	1126.3	1029.2	926.1	837.2	741.8
70°	1314.7	1253.8	1204.5	1138.2	1074.0	1005.4	921.3	848.5	764.7	682.8	609.8
72.5°	987.3	927.3	882.5	829.5	791.3	718.8	657.0	602.7	553.1	491.9	437.9
75°	532.2	487.2	457.1	433.0	398.8	350.9	321.5	284.1	263.1	237.6	212.9
77.5°	173.6	152.9	130.6	108.7	93.5	70.2	68.0	54.0	51.0	49.6	38.2
80°	88.9	68.6	49.6	35.7	27.2	24.1	23.0	21.8	20.7	19.8	18.4
82.5°	89.2	64.6	44.5	30.9	22.4	18.7	17.6	17.0	16.2	15.3	14.1
85°	65.1	48.2	33.1	22.7	15.5	12.5	11.9	11.1	10.5	10.2	9.0
87.5°	4.3	3.1	2.8	2.5	2.5	2.5	2.8	2.5	2.8	2.8	2.5
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
2.5°	39.9	39.6	39.6	39.3	39.1	39.1	38.8	38.8	38.0	36.6	35.4
5°	41.0	40.5	40.2	39.9	39.6	39.1	38.8	38.5	37.1	34.2	32.0
7.5°	42.0	41.3	41.0	40.5	39.6	39.3	38.8	38.2	36.0	32.0	29.5
10°	43.3	42.5	41.7	40.7	39.9	39.3	38.5	38.0	34.5	30.0	27.4
12.5°	44.7	43.6	42.5	41.0	40.2	39.3	38.5	37.4	33.4	28.3	25.5
15°	46.4	44.7	43.3	42.0	40.5	39.3	38.0	37.1	32.3	26.9	24.4
17.5°	48.2	46.1	44.2	42.2	40.7	39.1	38.0	36.6	31.2	25.8	23.0
20°	50.1	47.3	45.3	43.1	41.0	39.1	37.4	36.0	30.0	24.4	21.5
22.5°	52.9	49.6	46.4	43.9	41.3	39.3	37.4	35.4	28.9	23.3	20.4
25°	56.7	52.4	48.7	45.6	42.5	39.9	37.7	35.7	28.0	22.4	19.0
27.5°	62.0	56.7	52.7	48.5	44.5	41.3	38.5	36.3	27.4	21.5	18.1
30°	68.6	63.2	56.9	51.8	47.5	43.3	40.2	36.8	26.9	20.7	17.0
32.5°	78.1	70.5	63.2	56.9	51.0	46.1	41.7	38.2	26.6	19.3	15.8
35°	92.0	81.6	72.7	64.6	56.4	50.4	45.0	40.5	26.3	18.1	14.7
37.5°	111.9	99.4	88.1	76.5	66.2	57.8	50.4	44.5	26.3	17.3	13.6
40°	133.1	116.9	102.5	88.1	75.1	64.3	54.4	47.0	25.8	16.2	12.5
42.5°	157.2	137.4	117.5	99.7	83.5	69.7	58.0	49.0	24.4	15.0	11.3
45°	189.5	163.4	139.6	116.7	95.7	77.6	62.9	51.3	23.0	14.1	10.2
47.5°	230.0	199.6	168.8	139.9	112.5	89.5	70.0	55.0	22.0	13.0	9.3
50°	290.3	247.3	206.4	169.7	134.8	104.7	80.5	60.3	21.2	12.2	8.5
52.5°	356.6	303.6	255.7	208.5	165.1	125.5	92.7	67.4	20.4	11.3	7.6
55°	437.3	372.1	313.8	252.4	196.8	149.5	107.6	75.3	19.3	10.5	7.1
57.5°	536.9	454.5	385.5	310.4	240.7	180.7	127.7	88.7	18.1	9.3	6.2
60°	648.3	555.1	468.2	380.1	295.6	222.0	157.5	107.6	17.0	8.2	5.4
62.5°	728.4	626.1	526.8	427.9	335.4	252.9	181.6	122.3	15.3	7.1	4.8
65°	727.5	623.9	523.9	426.5	336.5	254.0	182.4	125.2	13.6	6.2	4.3
67.5°	648.3	561.0	471.8	384.3	305.6	231.1	168.8	116.1	11.6	5.7	3.7
70°	533.3	463.9	393.4	324.0	260.8	198.0	145.9	101.1	10.0	5.1	3.1
72.5°	389.4	338.7	295.6	246.7	203.6	156.4	116.4	79.3	7.9	4.3	2.8
75°	193.4	173.0	148.4	133.1	113.6	92.9	72.2	46.1	6.5	3.4	2.5
77.5°	36.8	32.8	31.4	27.2	24.9	22.0	19.5	13.9	5.1	2.5	2.2
80°	17.0	15.5	14.1	12.7	11.3	9.7	8.5	7.3	4.0	2.0	2.5
82.5°	13.3	12.2	10.8	9.7	8.5	7.3	6.2	5.4	2.5	1.7	2.5
85°	8.7	7.6	6.8	6.0	5.1	4.6	4.0	3.4	1.7	1.7	1.7
87.5°	2.5	2.5	2.2	2.2	2.0	2.0	1.7	1.7	1.4	1.4	1.4
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°	38.5	38.5	38.5	38.5	38.5	38.5	38.5
2.5°	34.2	32.8	32.3	32.0	32.0	32.3	32.0
5°	30.3	28.9	28.3	27.7	27.7	27.7	28.0
7.5°	27.7	26.3	25.5	25.2	24.9	25.2	25.2
10°	25.5	24.4	23.3	22.7	22.7	22.7	22.7
12.5°	23.8	22.4	21.2	20.9	20.7	20.7	20.7
15°	22.4	20.7	19.8	19.3	19.0	19.0	19.3
17.5°	20.7	19.3	18.1	17.9	17.9	17.9	17.9
20°	19.5	17.9	17.0	16.5	16.5	16.5	16.5
22.5°	18.1	16.7	15.5	15.0	15.0	15.0	15.0
25°	17.0	15.5	14.4	13.9	13.9	13.9	13.9
27.5°	15.8	14.4	13.3	12.7	12.7	12.7	12.7
30°	14.7	13.3	12.2	11.6	11.6	11.6	11.6
32.5°	13.9	12.2	11.1	10.5	10.5	10.8	10.5
35°	12.5	11.1	10.0	9.3	9.3	9.3	9.3
37.5°	11.3	10.0	8.7	8.2	8.2	8.2	7.9
40°	10.5	8.7	7.6	7.1	6.8	6.8	6.8
42.5°	9.0	7.3	6.5	6.0	5.7	5.7	5.7
45°	8.2	6.5	5.4	4.8	4.8	4.8	4.8
47.5°	7.3	5.7	4.6	4.0	4.0	4.3	4.3
50°	6.5	4.8	3.7	3.7	3.7	4.0	4.0
52.5°	5.7	4.3	3.4	3.4	3.7	4.0	4.0
55°	5.1	3.7	3.1	3.4	3.7	4.0	4.0
57.5°	4.6	3.1	3.1	3.4	3.7	4.0	4.0
60°	4.0	2.8	2.8	3.1	3.7	4.0	4.0
62.5°	3.4	2.8	2.8	3.1	3.7	4.0	4.0
65°	3.1	2.8	2.8	3.1	3.7	4.0	4.0
67.5°	2.8	2.5	2.8	3.1	3.4	3.7	3.7
70°	2.5	2.5	2.8	3.1	3.4	3.7	3.7
72.5°	2.5	2.5	2.5	2.8	3.1	3.4	3.4
75°	2.5	2.5	2.5	2.8	3.1	3.4	3.4
77.5°	2.5	2.2	2.2	2.5	3.1	3.4	3.4
80°	2.5	2.2	2.2	2.5	2.8	3.4	3.4
82.5°	2.0	2.0	2.2	2.5	2.8	3.1	3.1
85°	1.7	2.0	2.0	2.2	2.5	3.1	3.1
87.5°	1.4	1.4	1.7	2.0	2.2	2.5	2.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)