

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: P181215

Luminaire Tested: **ICS-F02-LED-E1-T2-HSS-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181215
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33723)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICS-F02-LED-E1-T2-HSS-7030
Description: ICON SITE SMALL LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ HOUSE SIDE SHIELD
Light Source: (14) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2173.4 lumens
Efficiency: N/A
Efficacy: 39.5 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

Input Watts (W): 55
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



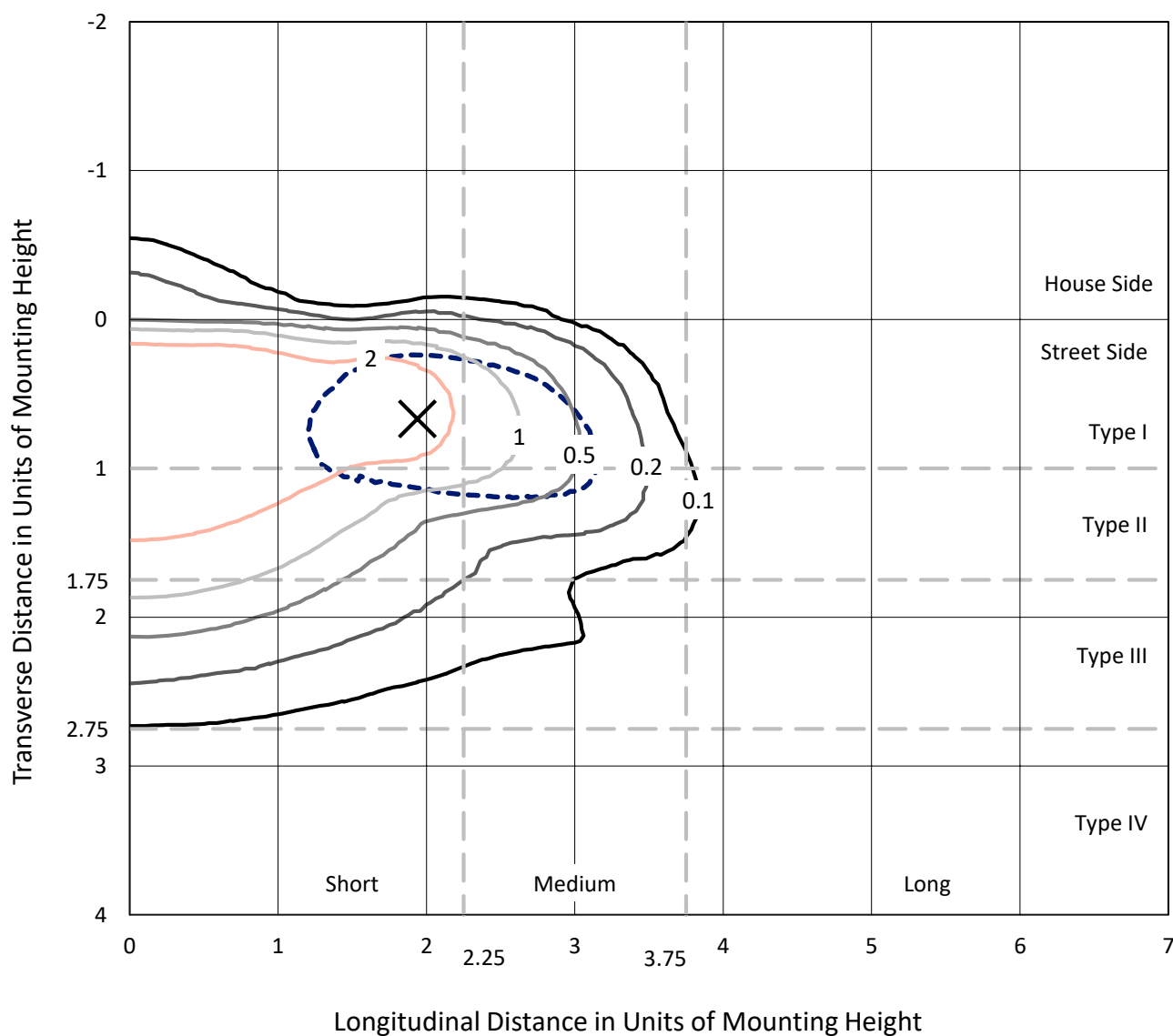
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

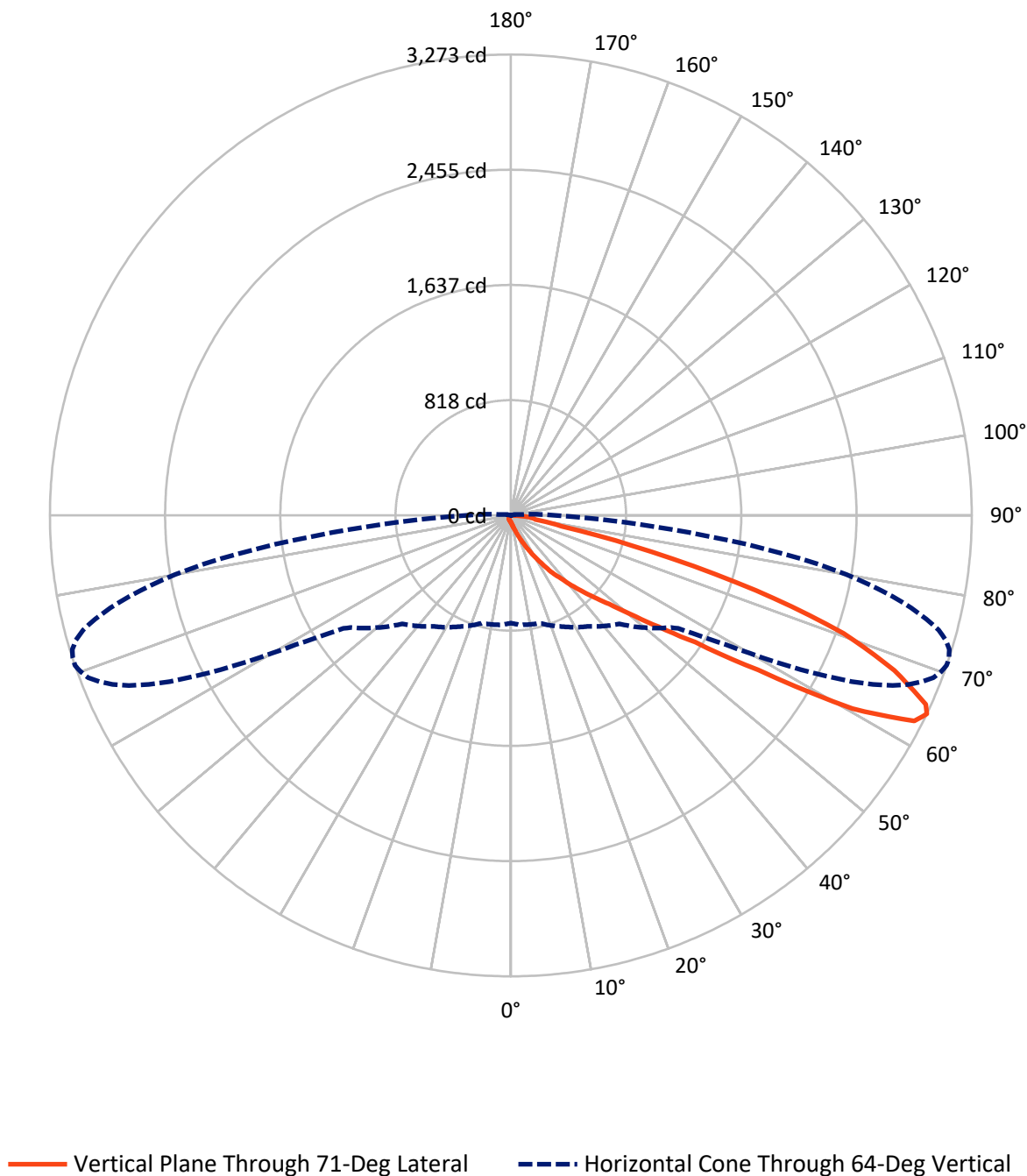


Based on 10 foot mounting height. Maximum calculated value = 4.2 fc
Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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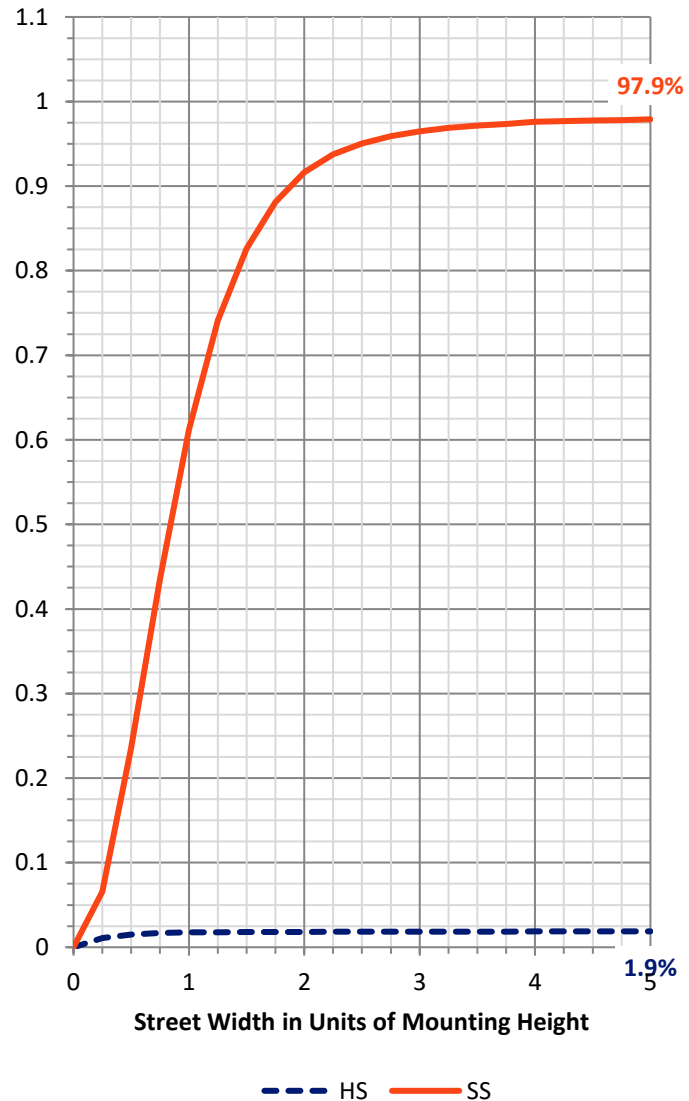
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	41.6	0.0	41.6
	% Fixture	1.9	0.0	1.9
Street Side	Lumens	2131.8	0.0	2131.8
	% Fixture	98.1	0.0	98.1
Total	Lumens	2173.4	0.0	2173.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.7	0.3
10°-20°	39.3	1.8
20°-30°	100.4	4.6
30°-40°	203.0	9.3
40°-50°	371.1	17.1
50°-60°	578.2	26.6
60°-70°	642.7	29.6
70°-80°	209.6	9.6
80°-90°	22.6	1.0
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°	2173.4	100.0
0°-180°	2173.4	100.0

Coefficient of Utilization



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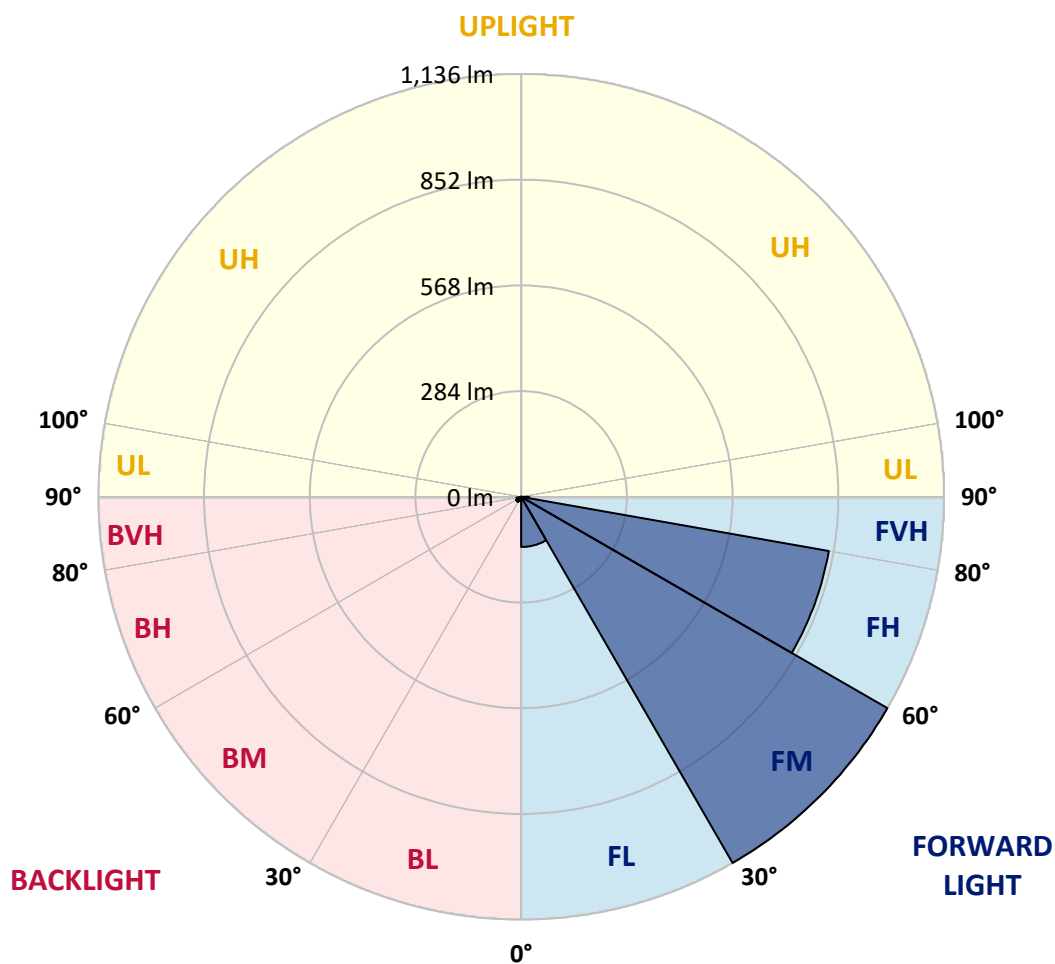
CATALOG NUMBER: ICS-F02-LED-E1-T2-HSS-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	134.7	6.2			
FM	(30°-60°)	1136.2	52.3			
FH	(60°-80°)	839.4	38.6			G1/1800
FVH	(80°-90°)	21.5	1.0			G1/100
BL	(0°-30°)	11.6	0.5	B0/110		
BM	(30°-60°)	16.1	0.7	B0/220		
BH	(60°-80°)	12.9	0.6	B0/110		G0/110
BVH	(80°-90°)	1.1	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
2.5°	65.1	64.2	64.2	62.9	61.1	59.3	57.5	57.0	56.6	56.1	56.1
5°	102.2	98.6	97.3	92.3	86.0	78.3	71.5	69.7	69.7	68.3	67.4
7.5°	160.6	158.8	149.3	144.3	129.4	110.8	91.4	89.6	89.1	87.3	84.6
10°	235.3	231.6	224.9	210.4	183.2	151.1	123.5	119.0	115.8	112.2	108.6
12.5°	309.9	305.4	295.4	271.9	244.8	203.6	159.3	155.2	150.2	145.2	139.3
15°	384.6	381.4	366.0	342.5	307.2	257.9	201.8	194.5	190.5	180.5	176.0
17.5°	449.3	445.2	433.0	406.3	369.6	315.3	248.8	239.8	233.0	227.1	216.3
20°	505.4	501.3	489.5	467.4	426.2	372.8	299.5	295.0	282.8	273.7	267.4
22.5°	539.7	538.4	530.7	509.4	472.8	425.3	357.4	350.2	342.0	329.8	322.6
25°	561.0	559.6	555.1	540.2	515.3	480.5	421.2	412.2	404.9	394.1	385.0
27.5°	583.2	582.3	578.6	565.5	552.4	530.7	485.9	480.9	465.1	458.8	450.2
30°	619.8	615.7	618.9	612.6	595.8	582.3	551.0	543.8	537.0	526.2	518.5
32.5°	678.2	671.4	678.2	671.4	664.2	647.9	618.0	615.7	609.0	602.2	591.3
35°	749.7	746.9	752.4	758.3	752.4	730.7	694.5	687.7	685.0	674.1	670.0
37.5°	821.6	826.6	836.5	849.6	846.0	830.2	779.1	772.7	767.8	758.3	751.0
40°	899.0	899.4	920.7	939.7	949.2	939.7	872.3	867.3	860.5	846.9	845.1
42.5°	983.1	979.5	995.3	1016.6	1036.0	1049.2	995.3	985.8	976.3	960.9	950.5
45°	1057.8	1057.8	1070.4	1090.3	1120.2	1153.2	1125.2	1115.2	1106.2	1093.5	1081.7
47.5°	1113.0	1113.4	1121.1	1150.1	1196.7	1246.0	1246.9	1248.7	1241.9	1227.0	1227.4
50°	1151.9	1146.9	1157.3	1185.3	1239.2	1316.5	1372.2	1375.4	1380.8	1368.6	1372.2
52.5°	1180.4	1178.1	1184.9	1208.4	1262.3	1356.8	1474.9	1488.5	1496.6	1498.4	1513.3
55°	1165.4	1166.8	1183.1	1217.0	1274.9	1383.5	1562.2	1584.4	1603.4	1619.7	1638.2
57.5°	1116.1	1120.2	1148.7	1201.6	1277.6	1405.2	1655.0	1688.9	1724.6	1768.1	1804.7
60°	1037.4	1046.9	1085.4	1159.6	1251.4	1376.7	1682.6	1734.6	1789.3	1855.4	1929.1
62.5°	922.0	923.8	949.2	1021.1	1122.5	1225.2	1555.9	1622.4	1694.8	1790.2	1893.4
64°	764.1	780.4	792.2	871.4	961.8	1089.9	1388.5	1434.6	1535.5	1652.7	1782.5
65°	630.7	650.1	659.6	738.8	842.4	964.6	1242.8	1292.1	1398.4	1517.4	1679.4
67.5°	371.9	358.8	386.4	433.0	519.8	664.6	838.3	875.9	955.1	1096.7	1226.1
70°	239.8	239.8	265.1	312.6	393.2	504.0	575.9	560.1	576.8	631.6	723.0
72.5°	153.8	162.0	177.3	217.6	292.3	422.6	588.6	513.9	475.0	456.9	456.0
75°	70.1	74.6	91.4	115.4	156.1	275.5	593.6	561.0	525.3	490.9	464.2
77.5°	14.9	17.2	29.0	59.7	76.0	127.1	421.2	470.1	509.0	520.3	520.3
80°	7.7	8.1	12.2	28.1	32.6	43.0	162.4	213.5	263.3	328.9	397.7
82.5°	3.2	3.6	7.2	12.7	13.6	13.1	43.0	54.3	74.6	108.6	162.0
85°	0.9	0.9	3.2	5.0	7.2	5.9	9.5	10.9	14.0	20.4	38.9
87.5°	0.0	0.0	0.5	0.9	1.4	2.3	2.7	2.7	2.7	2.7	2.7
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°	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
2.5°	55.6	55.6	55.2	54.7	54.7	53.8	53.8	53.4	53.4	52.9	52.9
5°	67.0	66.1	65.1	63.8	63.3	62.4	61.5	60.6	59.7	59.3	58.4
7.5°	83.2	82.3	79.6	77.8	75.6	74.2	72.4	71.0	69.7	68.8	67.0
10°	105.0	101.8	100.4	94.1	92.7	89.6	86.9	85.1	81.4	79.2	76.9
12.5°	135.7	129.8	127.6	116.7	113.6	109.0	105.9	101.3	97.3	94.6	90.5
15°	170.6	166.0	157.4	146.6	140.7	135.7	128.0	124.4	119.0	113.1	107.2
17.5°	212.2	204.0	194.5	180.5	173.3	165.6	158.3	150.7	141.6	136.2	129.8
20°	260.6	252.0	240.2	222.6	214.0	206.3	193.6	188.2	177.3	166.5	158.3
22.5°	313.5	304.9	293.6	273.7	262.4	249.7	239.3	229.8	217.2	206.3	196.8
25°	373.2	363.3	354.7	331.6	317.6	304.5	293.2	276.4	265.6	252.9	239.8
27.5°	441.1	429.3	418.0	392.7	379.6	365.1	351.5	333.9	323.5	302.7	290.5
30°	510.8	496.3	484.5	458.8	447.0	432.1	413.5	397.7	380.0	366.0	346.1
32.5°	584.1	572.3	562.8	535.7	520.7	502.2	485.4	468.7	453.3	430.7	412.6
35°	662.3	651.9	641.5	618.0	604.9	590.9	571.9	551.5	530.2	506.7	490.4
37.5°	744.7	736.5	728.4	699.9	684.5	669.6	647.9	627.5	608.5	583.6	556.0
40°	831.1	823.4	810.3	786.8	770.5	756.9	737.0	718.0	692.2	664.6	640.2
42.5°	939.7	922.9	911.6	885.8	868.6	853.7	836.1	807.6	785.9	752.8	729.3
45°	1066.8	1051.0	1032.4	1006.2	984.9	960.5	935.6	916.2	889.0	859.1	828.8
47.5°	1209.8	1197.1	1175.4	1149.6	1128.3	1103.9	1074.5	1049.6	1016.6	981.8	940.6
50°	1367.2	1354.1	1339.6	1310.7	1289.4	1266.3	1243.3	1213.8	1184.0	1142.4	1099.8
52.5°	1513.3	1516.1	1507.5	1493.9	1483.5	1459.5	1438.2	1410.2	1384.0	1346.0	1312.9
55°	1657.7	1681.2	1690.2	1703.4	1707.9	1688.4	1688.0	1646.8	1631.0	1608.8	1589.8
57.5°	1848.1	1900.2	1941.3	2021.0	2054.4	2088.4	2094.7	2065.8	2095.6	2057.2	2070.3
60°	2010.1	2105.6	2207.8	2413.7	2516.8	2594.6	2657.1	2703.2	2733.1	2783.7	2786.5
62.5°	2024.6	2174.8	2330.4	2630.8	2772.0	2890.1	3002.7	3081.4	3143.9	3201.3	3215.4
64°	1955.4	2141.3	2330.4	2693.7	2838.0	2969.2	3071.9	3150.2	3214.0	3249.7	3273.3
65°	1829.6	2037.7	2255.3	2652.1	2800.9	2940.3	3038.5	3117.2	3177.4	3213.1	3237.5
67.5°	1355.5	1556.8	1775.3	2237.2	2471.6	2599.2	2724.9	2835.3	2883.7	2929.0	2937.6
70°	826.1	972.3	1122.9	1551.4	1769.0	1998.3	2139.9	2301.5	2414.6	2484.2	2507.3
72.5°	498.6	549.2	639.3	869.6	1078.1	1239.2	1435.1	1589.4	1716.0	1786.2	1821.4
75°	443.8	437.5	449.3	545.2	619.4	716.2	787.2	884.0	962.3	986.7	1032.4
77.5°	513.0	494.9	476.4	458.3	454.7	445.6	431.2	434.8	400.4	367.4	368.3
80°	456.9	500.4	526.2	507.2	464.2	420.8	367.4	300.9	235.3	194.5	177.3
82.5°	229.4	326.2	419.4	511.7	505.4	466.9	408.1	335.2	259.7	199.5	159.3
85°	70.6	125.3	176.4	245.2	284.6	279.1	245.2	238.4	170.1	132.6	102.2
87.5°	3.2	3.2	3.2	2.7	3.2	3.2	3.2	3.6	3.6	4.1	4.1
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°	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
2.5°	52.9	52.5	52.0	51.6	51.6	51.6	51.1	51.1	50.7	50.7	50.2
5°	58.4	57.5	57.0	56.1	56.1	55.2	54.7	54.3	53.4	52.9	52.5
7.5°	65.6	64.7	63.3	62.0	61.5	60.2	58.8	57.9	57.0	56.1	55.2
10°	75.1	73.3	70.6	68.8	67.4	65.6	63.8	62.4	60.6	58.8	57.9
12.5°	87.3	83.7	81.0	77.8	75.1	72.4	69.2	67.4	65.6	62.9	61.1
15°	101.3	97.7	94.6	89.1	84.6	81.0	78.3	74.2	71.0	67.4	64.7
17.5°	125.3	115.8	109.5	104.1	99.5	92.7	87.3	82.8	78.7	74.2	71.0
20°	148.8	140.7	132.1	125.8	115.8	109.9	102.7	96.4	89.1	83.7	78.3
22.5°	183.2	172.8	162.0	152.5	138.9	130.7	121.2	113.1	104.1	95.0	89.1
25°	226.7	211.3	196.8	183.2	170.6	158.3	146.1	133.0	123.5	112.7	102.7
27.5°	272.4	255.2	241.1	223.5	207.2	192.3	176.9	162.9	146.6	132.6	120.8
30°	329.8	306.3	290.0	268.7	252.5	231.6	212.6	194.1	174.2	157.9	141.2
32.5°	388.2	372.3	344.7	326.6	302.2	277.3	257.4	236.2	211.7	190.5	170.1
35°	465.1	437.9	414.9	389.5	362.8	337.1	311.3	281.0	256.1	229.8	204.9
37.5°	533.0	505.4	478.7	445.6	415.3	388.2	357.0	325.3	295.9	264.7	234.8
40°	611.7	577.3	545.6	514.9	477.3	445.2	412.6	373.2	339.3	304.9	269.6
42.5°	697.6	662.8	625.2	590.0	548.8	509.4	469.2	429.8	391.8	350.2	309.0
45°	791.7	755.1	713.0	672.7	628.0	584.5	536.6	491.3	446.5	399.9	352.4
47.5°	908.5	861.4	822.5	772.3	716.6	670.9	612.1	560.5	509.4	455.1	401.7
50°	1059.6	1006.2	950.1	894.4	832.9	775.0	709.8	648.8	580.5	519.8	458.8
52.5°	1260.0	1220.2	1155.0	1091.2	1016.1	942.4	852.8	773.6	685.9	608.5	533.9
55°	1544.6	1518.3	1461.8	1392.1	1326.5	1218.8	1115.7	992.6	878.6	767.3	662.3
57.5°	2059.9	2031.4	1968.5	1951.7	1850.9	1771.7	1650.9	1491.6	1298.4	1128.3	958.7
60°	2801.8	2746.2	2684.7	2673.4	2554.8	2471.6	2351.7	2182.0	2000.2	1728.7	1497.5
62.5°	3216.3	3199.5	3149.8	3088.7	2986.0	2862.5	2727.6	2563.4	2378.8	2140.9	1865.8
64°	3271.9	3256.5	3213.5	3144.8	3041.6	2919.0	2769.7	2605.9	2420.9	2203.7	1952.6
65°	3237.1	3215.4	3178.7	3115.4	3019.5	2901.8	2751.6	2585.6	2397.8	2188.8	1955.4
67.5°	2956.1	2946.2	2912.7	2853.9	2793.7	2687.8	2555.7	2407.3	2254.0	2046.8	1855.4
70°	2510.0	2502.8	2460.3	2436.7	2337.2	2270.2	2163.5	2046.8	1911.0	1766.7	1603.8
72.5°	1860.8	1836.4	1802.0	1766.3	1698.8	1607.0	1523.8	1399.3	1329.2	1207.5	1115.7
75°	986.7	971.3	918.0	843.3	760.1	717.1	630.7	553.3	491.8	464.2	397.7
77.5°	341.1	310.8	281.0	247.5	196.4	154.7	123.5	98.6	77.8	68.8	57.5
80°	170.1	161.5	152.0	133.0	111.7	90.0	70.6	55.6	45.7	38.9	34.8
82.5°	138.0	122.2	109.0	95.5	76.5	62.9	49.8	40.7	33.5	29.4	25.8
85°	81.4	62.4	47.5	43.0	33.5	29.0	24.9	21.3	18.1	17.2	15.8
87.5°	3.2	4.1	4.1	3.2	4.1	3.6	3.6	3.2	3.2	3.2	3.2
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°	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
2.5°	50.2	49.8	49.8	49.3	48.9	48.9	48.9	48.4	47.5	45.7	44.3
5°	52.0	51.6	51.1	50.2	49.8	49.3	48.9	48.9	46.6	43.4	41.2
7.5°	54.3	53.4	52.5	51.6	51.1	50.2	49.3	48.9	45.7	41.6	39.4
10°	56.6	55.2	53.8	53.4	52.0	51.1	49.8	48.9	45.2	40.3	37.1
12.5°	59.3	57.5	55.6	54.3	52.5	51.6	50.2	48.9	44.3	38.9	35.3
15°	62.4	59.7	57.5	56.1	54.3	52.0	50.2	48.9	43.4	37.6	33.5
17.5°	66.5	63.3	60.6	57.9	55.2	52.9	51.1	49.3	42.1	35.7	31.2
20°	72.8	68.8	64.2	61.1	57.5	54.7	51.6	49.3	41.2	33.9	29.4
22.5°	81.4	75.1	70.1	64.7	60.2	56.6	52.9	50.2	39.8	32.1	27.1
25°	93.7	85.5	77.4	70.6	64.7	59.7	55.2	51.6	38.9	30.8	25.8
27.5°	107.2	97.7	86.9	78.7	70.6	63.3	58.4	53.8	38.9	29.9	24.4
30°	126.2	112.7	99.5	89.1	78.3	70.1	62.9	57.0	38.9	29.4	23.1
32.5°	149.3	133.9	117.2	102.2	89.6	77.8	68.8	61.1	39.8	28.5	22.2
35°	181.4	158.8	138.9	120.3	103.6	90.0	78.3	67.9	41.2	28.1	20.8
37.5°	206.8	179.6	154.3	133.0	113.6	96.8	81.9	70.6	39.8	26.2	19.5
40°	237.1	206.3	175.5	148.8	126.7	105.0	87.8	74.2	38.9	24.0	17.6
42.5°	273.7	235.3	199.5	169.2	141.6	115.8	95.5	78.7	38.9	22.6	16.3
45°	308.1	266.0	226.2	188.2	156.1	127.6	102.7	83.7	38.5	21.3	14.5
47.5°	350.6	300.9	254.3	210.4	173.3	138.4	110.4	88.2	38.0	19.9	13.1
50°	400.8	340.2	287.7	235.3	190.0	151.6	119.4	93.2	37.1	18.5	11.8
52.5°	456.5	391.3	324.4	263.8	210.8	165.6	128.0	97.7	35.7	17.2	10.4
55°	555.1	465.5	386.4	311.3	242.5	186.4	140.7	104.5	34.4	15.8	9.0
57.5°	791.7	643.3	531.1	418.0	319.4	239.3	175.1	124.0	32.6	14.0	7.2
60°	1243.3	998.5	808.0	633.8	483.2	367.4	257.9	183.2	34.8	11.8	6.3
62.5°	1594.8	1313.4	1070.9	852.4	661.9	503.1	375.5	273.7	50.2	10.4	5.0
64°	1686.6	1401.6	1142.8	913.9	715.7	552.0	418.9	309.5	64.7	10.4	4.5
65°	1700.2	1428.7	1168.6	936.5	734.3	565.1	431.6	321.2	70.6	10.9	4.1
67.5°	1644.1	1412.9	1176.3	946.0	748.3	583.2	448.8	339.8	79.6	10.4	3.2
70°	1436.0	1265.9	1071.3	884.9	705.8	554.2	431.6	329.4	83.2	10.0	2.7
72.5°	977.2	860.1	745.1	613.0	491.3	404.9	314.9	232.1	58.4	8.1	2.3
75°	325.7	317.6	284.1	215.4	181.0	147.0	117.6	90.5	22.2	5.0	2.3
77.5°	54.3	46.6	40.7	38.9	32.6	31.7	27.6	22.2	9.5	3.2	2.3
80°	31.7	29.0	25.3	22.6	19.9	17.6	14.9	12.7	5.9	2.3	2.7
82.5°	23.5	20.8	18.5	16.3	14.0	12.2	10.4	8.6	3.2	2.3	2.7
85°	13.6	11.8	10.4	9.0	7.2	6.3	5.4	4.5	2.3	2.3	2.3
87.5°	2.7	2.7	2.3	2.3	2.3	2.3	2.3	1.8	2.3	2.3	1.8
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°	48.4	48.4	48.4	48.4	48.4	48.4	48.4
2.5°	43.4	42.1	41.6	41.6	41.6	41.6	41.6
5°	39.8	38.5	37.6	37.1	37.1	37.1	37.1
7.5°	37.1	35.3	34.4	33.5	33.5	33.0	33.0
10°	34.4	32.6	31.2	30.3	29.9	29.9	29.9
12.5°	32.1	30.3	28.5	27.6	27.6	27.1	27.1
15°	30.3	27.6	26.2	25.3	25.3	24.9	24.9
17.5°	28.1	25.8	24.4	23.5	23.1	23.1	23.1
20°	25.8	23.5	22.2	21.7	21.3	21.3	20.8
22.5°	24.0	21.7	20.4	19.9	19.5	19.5	19.0
25°	22.2	19.9	18.5	18.1	17.6	17.2	17.2
27.5°	20.8	18.5	17.2	16.3	15.8	15.4	15.4
30°	19.5	16.7	15.4	14.5	14.0	13.6	13.6
32.5°	18.1	15.4	13.6	12.7	12.2	11.8	11.8
35°	16.3	13.6	11.8	11.3	10.9	10.4	10.0
37.5°	14.9	11.8	10.4	9.5	9.0	8.6	8.6
40°	13.1	10.4	9.0	8.1	7.2	6.8	6.8
42.5°	11.8	9.0	7.7	6.3	5.9	5.4	5.4
45°	10.4	8.1	6.3	5.0	4.5	4.1	4.1
47.5°	9.0	6.8	5.0	4.1	3.6	3.2	3.2
50°	7.7	5.4	3.6	2.7	3.2	2.7	2.7
52.5°	6.8	4.1	2.7	2.7	2.7	2.7	2.7
55°	5.4	3.2	2.3	2.3	2.7	2.7	2.7
57.5°	4.5	2.3	1.8	2.3	2.3	2.3	2.3
60°	3.2	1.8	1.8	2.3	2.3	2.3	2.3
62.5°	2.7	1.8	1.8	1.8	2.3	2.3	2.3
64°	2.3	1.8	1.8	1.8	2.3	2.3	2.3
65°	2.3	1.8	1.8	1.8	2.3	2.3	2.3
67.5°	2.3	1.8	1.8	1.8	2.3	2.3	2.3
70°	1.8	1.8	1.8	1.8	2.3	2.3	2.3
72.5°	1.8	1.8	1.8	1.8	2.3	2.3	2.3
75°	1.8	1.8	1.8	1.8	2.3	2.3	2.3
77.5°	1.8	1.8	1.8	2.3	2.3	2.3	2.3
80°	1.8	1.8	1.8	2.3	2.3	2.3	2.3
82.5°	1.8	1.8	1.8	2.3	2.3	2.3	2.3
85°	1.8	1.8	1.8	2.3	2.3	2.3	2.3
87.5°	1.8	1.8	1.8	2.3	2.3	2.3	2.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)