

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: P181208

Luminaire Tested: **ICS-F01-LED-E1-T2-HSS**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181208
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-F01-LED-E1-T2-HSS
Description: ICON SITE SMALL LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ HOUSE SIDE SHIELD
Light Source: (7) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1189.8 lumens
Efficiency: N/A
Efficacy: 45.9 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

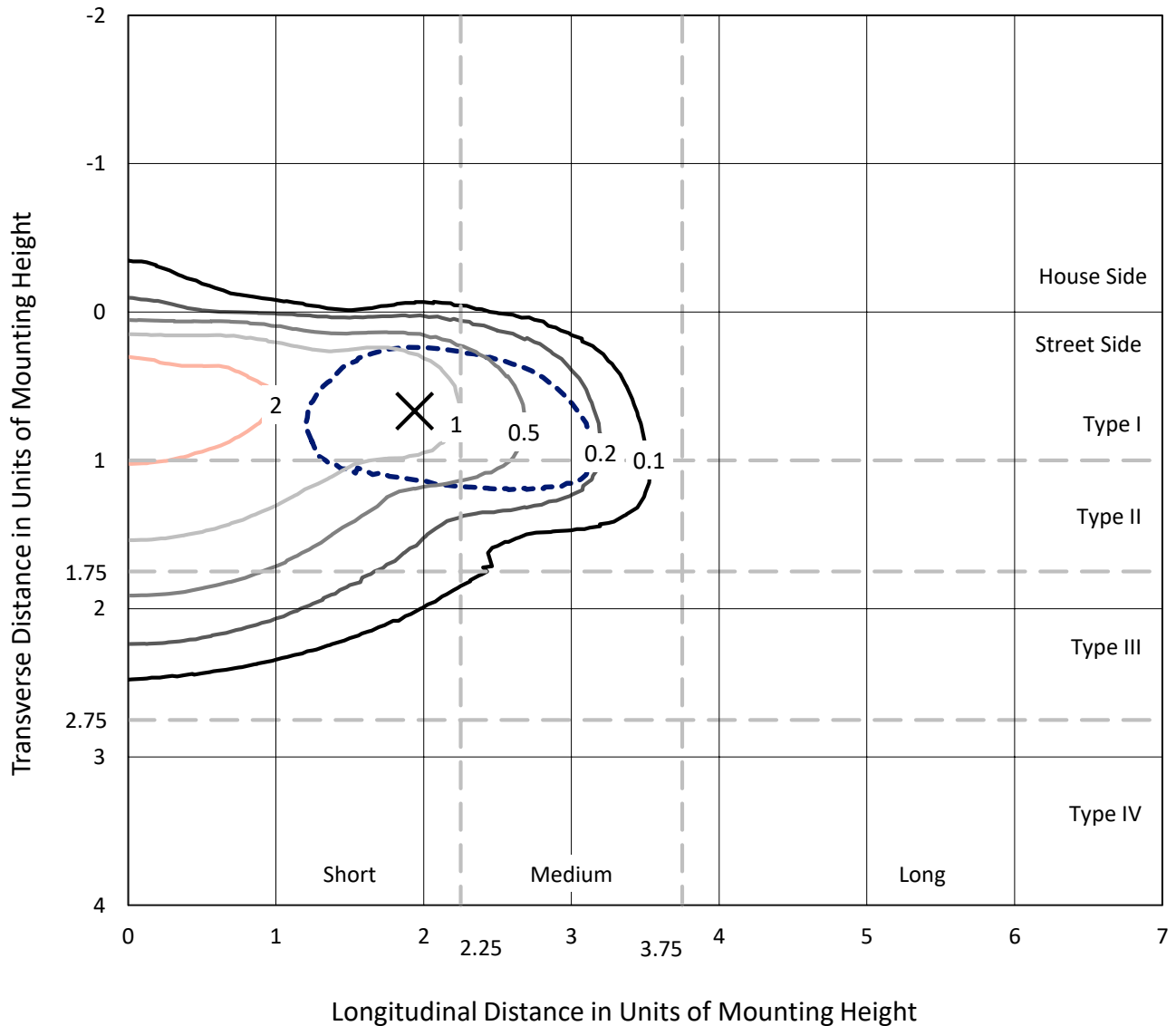
Input Watts (W): 25.9
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

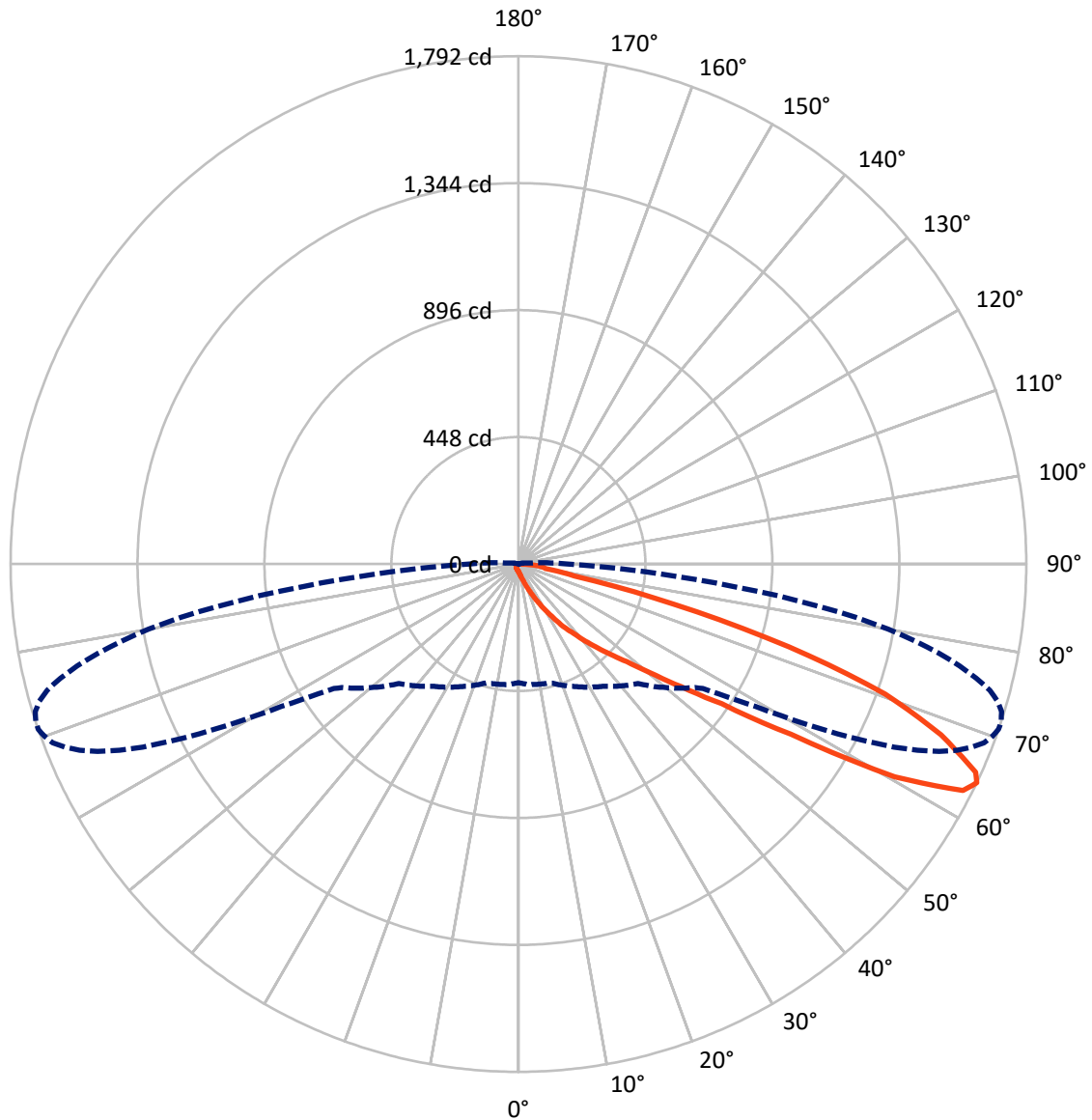
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.3 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 71-Deg Lateral - - - Horizontal Cone Through 64-Deg Vertical

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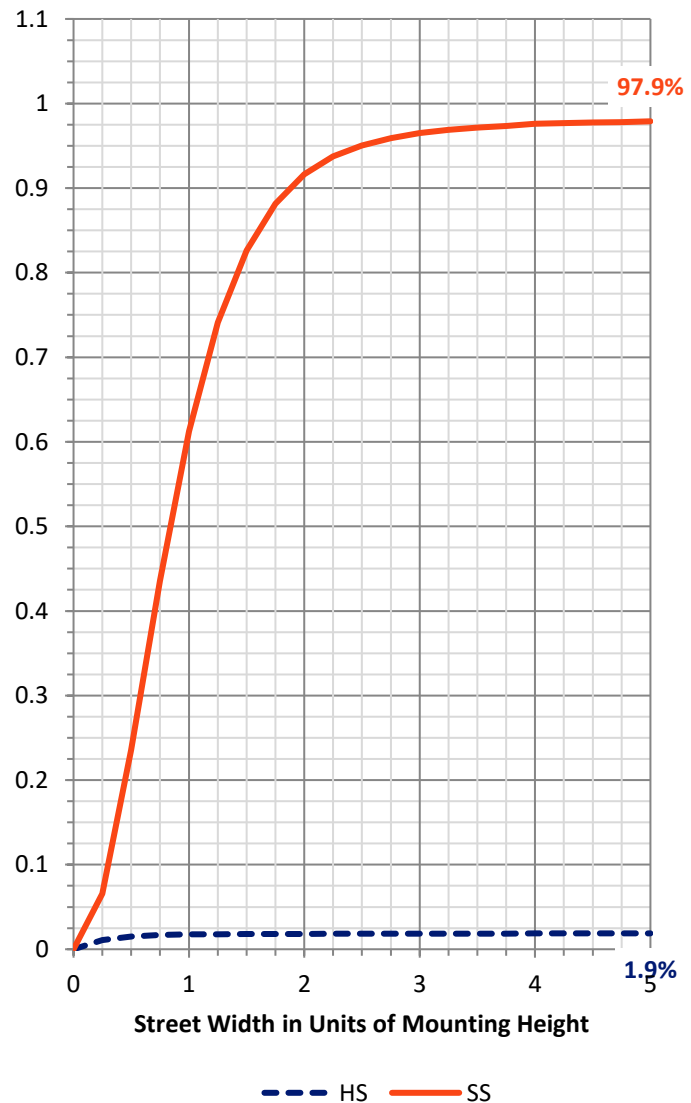
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	22.8	0.0	22.8
	% Fixture	1.9	0.0	1.9
Street Side	Lumens	1167.0	0.0	1167.0
	% Fixture	98.1	0.0	98.1
Total	Lumens	1189.8	0.0	1189.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.6	0.3
10°-20°	21.5	1.8
20°-30°	54.9	4.6
30°-40°	111.1	9.3
40°-50°	203.2	17.1
50°-60°	316.5	26.6
60°-70°	351.8	29.6
70°-80°	114.7	9.6
80°-90°	12.3	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°	1189.8	100.0
0°-180°	1189.8	100.0

Coefficient of Utilization



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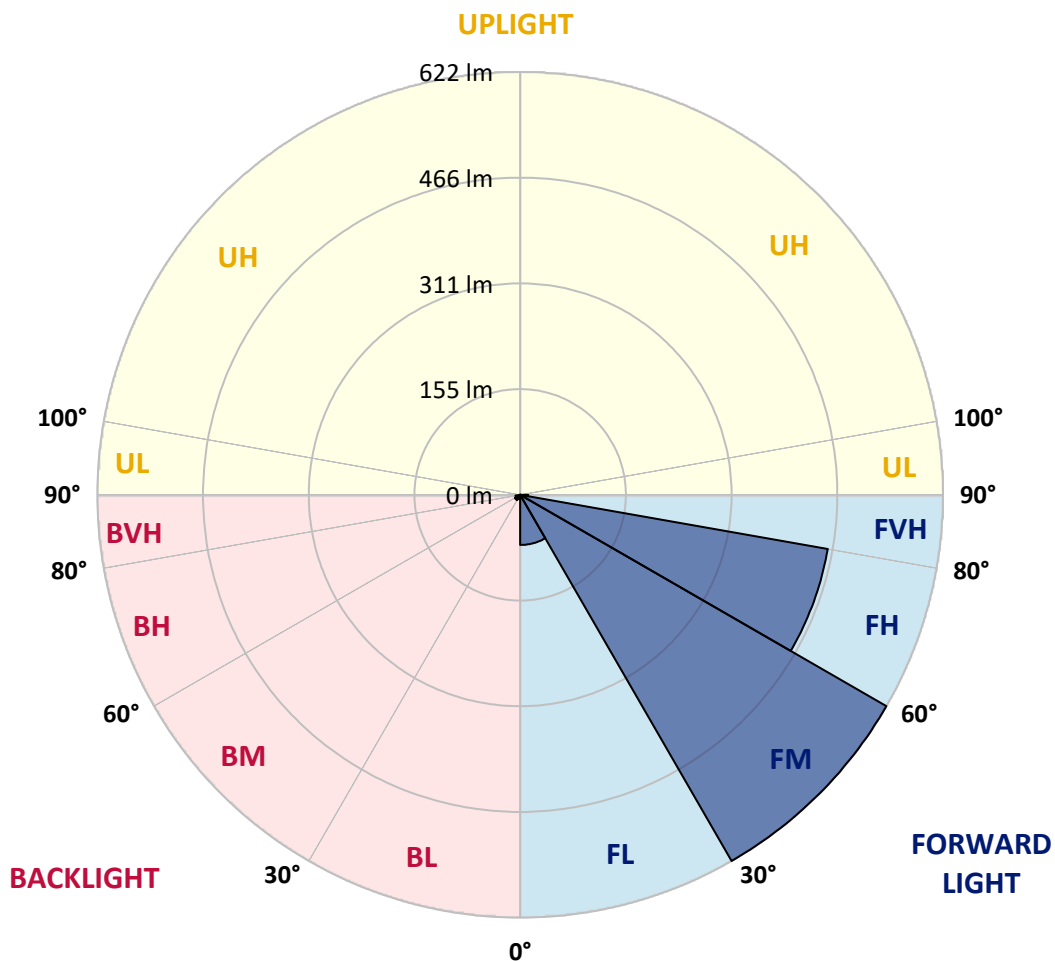
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	73.8	6.2			
FM	(30°-60°)	622.0	52.3			
FH	(60°-80°)	459.5	38.6			G0/660
FVH	(80°-90°)	11.7	1.0			G1/100
BL	(0°-30°)	6.3	0.5	B0/110		
BM	(30°-60°)	8.8	0.7	B0/220		
BH	(60°-80°)	7.0	0.6	B0/110		G0/110
BVH	(80°-90°)	0.6	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°	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
2.5°	35.7	35.2	35.2	34.4	33.4	32.4	31.5	31.2	31.0	30.7	30.7
5°	56.0	54.0	53.2	50.5	47.1	42.8	39.1	38.1	38.1	37.4	36.9
7.5°	87.9	86.9	81.7	79.0	70.8	60.7	50.0	49.0	48.8	47.8	46.3
10°	128.8	126.8	123.1	115.2	100.3	82.7	67.6	65.1	63.4	61.4	59.4
12.5°	169.7	167.2	161.7	148.9	134.0	111.5	87.2	85.0	82.2	79.5	76.3
15°	210.5	208.8	200.4	187.5	168.2	141.2	110.5	106.5	104.3	98.8	96.3
17.5°	245.9	243.7	237.0	222.4	202.3	172.6	136.2	131.3	127.6	124.3	118.4
20°	276.6	274.4	268.0	255.8	233.3	204.1	164.0	161.5	154.8	149.8	146.4
22.5°	295.5	294.7	290.5	278.9	258.8	232.8	195.7	191.7	187.2	180.6	176.6
25°	307.1	306.4	303.9	295.7	282.1	263.0	230.6	225.6	221.7	215.7	210.8
27.5°	319.2	318.8	316.8	309.6	302.4	290.5	266.0	263.3	254.6	251.1	246.4
30°	339.3	337.1	338.8	335.3	326.2	318.8	301.7	297.7	294.0	288.0	283.8
32.5°	371.3	367.5	371.3	367.5	363.6	354.7	338.3	337.1	333.4	329.7	323.7
35°	410.4	408.9	411.9	415.1	411.9	400.0	380.2	376.5	375.0	369.0	366.8
37.5°	449.8	452.5	457.9	465.1	463.1	454.5	426.5	423.0	420.3	415.1	411.1
40°	492.1	492.4	504.0	514.4	519.6	514.4	477.5	474.8	471.1	463.6	462.6
42.5°	538.2	536.2	544.9	556.5	567.2	574.3	544.9	539.7	534.5	526.1	520.4
45°	579.1	579.1	586.0	596.9	613.2	631.3	616.0	610.5	605.6	598.6	592.2
47.5°	609.3	609.5	613.7	629.6	655.1	682.1	682.6	683.6	679.9	671.7	671.9
50°	630.6	627.8	633.5	648.9	678.4	720.7	751.2	752.9	755.9	749.2	751.2
52.5°	646.2	644.9	648.7	661.5	691.0	742.8	807.4	814.8	819.3	820.3	828.5
55°	638.0	638.7	647.7	666.2	697.9	757.4	855.2	867.3	877.7	886.7	896.8
57.5°	611.0	613.2	628.8	657.8	699.4	769.3	906.0	924.6	944.1	967.9	988.0
60°	567.9	573.1	594.2	634.8	685.1	753.7	921.1	949.6	979.5	1015.7	1056.1
62.5°	504.8	505.7	519.6	559.0	614.5	670.7	851.7	888.1	927.8	980.0	1036.5
64°	418.3	427.2	433.7	477.0	526.5	596.6	760.1	785.4	840.6	904.7	975.8
65°	345.3	355.9	361.1	404.4	461.2	528.0	680.4	707.3	765.6	830.7	919.4
67.5°	203.6	196.4	211.5	237.0	284.6	363.8	458.9	479.5	522.8	600.4	671.2
70°	131.3	131.3	145.1	171.1	215.2	275.9	315.3	306.6	315.8	345.7	395.8
72.5°	84.2	88.7	97.1	119.1	160.0	231.3	322.2	281.4	260.1	250.1	249.7
75°	38.4	40.9	50.0	63.2	85.4	150.8	324.9	307.1	287.5	268.7	254.1
77.5°	8.2	9.4	15.9	32.7	41.6	69.6	230.6	257.3	278.6	284.8	284.8
80°	4.2	4.5	6.7	15.4	17.8	23.5	88.9	116.9	144.1	180.1	217.7
82.5°	1.7	2.0	4.0	6.9	7.4	7.2	23.5	29.7	40.9	59.4	88.7
85°	0.5	0.5	1.7	2.7	4.0	3.2	5.2	5.9	7.7	11.1	21.3
87.5°	0.0	0.0	0.2	0.5	0.7	1.2	1.5	1.5	1.5	1.5	1.5
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
2.5°	30.5	30.5	30.2	30.0	30.0	29.5	29.5	29.2	29.2	29.0	29.0
5°	36.7	36.2	35.7	34.9	34.7	34.2	33.7	33.2	32.7	32.4	31.9
7.5°	45.6	45.1	43.6	42.6	41.4	40.6	39.6	38.9	38.1	37.6	36.7
10°	57.5	55.7	55.0	51.5	50.8	49.0	47.6	46.6	44.6	43.3	42.1
12.5°	74.3	71.1	69.8	63.9	62.2	59.7	58.0	55.5	53.2	51.8	49.5
15°	93.4	90.9	86.2	80.2	77.0	74.3	70.1	68.1	65.1	61.9	58.7
17.5°	116.2	111.7	106.5	98.8	94.9	90.6	86.7	82.5	77.5	74.5	71.1
20°	142.7	138.0	131.5	121.9	117.1	112.9	106.0	103.0	97.1	91.1	86.7
22.5°	171.6	166.9	160.7	149.8	143.6	136.7	131.0	125.8	118.9	112.9	107.7
25°	204.3	198.9	194.2	181.5	173.9	166.7	160.5	151.3	145.4	138.4	131.3
27.5°	241.5	235.0	228.8	215.0	207.8	199.9	192.4	182.8	177.1	165.7	159.0
30°	279.6	271.7	265.3	251.1	244.7	236.5	226.4	217.7	208.0	200.4	189.5
32.5°	319.7	313.3	308.1	293.2	285.1	274.9	265.8	256.6	248.2	235.8	225.9
35°	362.6	356.9	351.2	338.3	331.1	323.5	313.1	301.9	290.3	277.4	268.5
37.5°	407.7	403.2	398.8	383.1	374.7	366.6	354.7	343.5	333.1	319.5	304.4
40°	455.0	450.8	443.6	430.7	421.8	414.4	403.5	393.1	378.9	363.8	350.5
42.5°	514.4	505.2	499.1	484.9	475.5	467.4	457.7	442.1	430.2	412.1	399.2
45°	584.0	575.3	565.2	550.8	539.2	525.8	512.2	501.5	486.7	470.3	453.7
47.5°	662.3	655.3	643.4	629.3	617.7	604.3	588.2	574.6	556.5	537.4	514.9
50°	748.5	741.3	733.4	717.5	705.9	693.2	680.6	664.5	648.2	625.4	602.1
52.5°	828.5	829.9	825.2	817.8	812.1	799.0	787.3	772.0	757.6	736.8	718.7
55°	907.5	920.3	925.3	932.5	935.0	924.3	924.1	901.5	892.9	880.7	870.3
57.5°	1011.7	1040.2	1062.8	1106.3	1124.7	1143.2	1146.7	1130.9	1147.2	1126.2	1133.3
60°	1100.4	1152.7	1208.6	1321.3	1377.8	1420.4	1454.6	1479.8	1496.2	1523.9	1525.4
62.5°	1108.3	1190.6	1275.8	1440.2	1517.5	1582.1	1643.8	1686.9	1721.1	1752.5	1760.2
64°	1070.4	1172.2	1275.8	1474.6	1553.6	1625.5	1681.7	1724.5	1759.5	1779.0	1791.9
65°	1001.6	1115.5	1234.6	1451.8	1533.3	1609.6	1663.4	1706.5	1739.4	1759.0	1772.3
67.5°	742.0	852.2	971.9	1224.7	1353.0	1422.9	1491.7	1552.2	1578.7	1603.4	1608.1
70°	452.2	532.2	614.7	849.3	968.4	1094.0	1171.5	1259.9	1321.8	1360.0	1372.6
72.5°	272.9	300.7	350.0	476.0	590.2	678.4	785.6	870.1	939.4	977.8	997.1
75°	243.0	239.5	245.9	298.4	339.1	392.1	430.9	483.9	526.8	540.2	565.2
77.5°	280.9	271.0	260.8	250.9	248.9	244.0	236.0	238.0	219.2	201.1	201.6
80°	250.1	273.9	288.0	277.6	254.1	230.3	201.1	164.7	128.8	106.5	97.1
82.5°	125.6	178.6	229.6	280.1	276.6	255.6	223.4	183.5	142.2	109.2	87.2
85°	38.6	68.6	96.6	134.2	155.8	152.8	134.2	130.5	93.1	72.6	56.0
87.5°	1.7	1.7	1.7	1.5	1.7	1.7	1.7	2.0	2.0	2.2	2.2
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°	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
2.5°	29.0	28.7	28.5	28.2	28.2	28.2	28.0	28.0	27.7	27.7	27.5
5°	31.9	31.5	31.2	30.7	30.7	30.2	30.0	29.7	29.2	29.0	28.7
7.5°	35.9	35.4	34.7	33.9	33.7	32.9	32.2	31.7	31.2	30.7	30.2
10°	41.1	40.1	38.6	37.6	36.9	35.9	34.9	34.2	33.2	32.2	31.7
12.5°	47.8	45.8	44.3	42.6	41.1	39.6	37.9	36.9	35.9	34.4	33.4
15°	55.5	53.5	51.8	48.8	46.3	44.3	42.8	40.6	38.9	36.9	35.4
17.5°	68.6	63.4	59.9	57.0	54.5	50.8	47.8	45.3	43.1	40.6	38.9
20°	81.5	77.0	72.3	68.9	63.4	60.2	56.2	52.8	48.8	45.8	42.8
22.5°	100.3	94.6	88.7	83.5	76.0	71.6	66.4	61.9	57.0	52.0	48.8
25°	124.1	115.7	107.7	100.3	93.4	86.7	80.0	72.8	67.6	61.7	56.2
27.5°	149.1	139.7	132.0	122.3	113.4	105.3	96.8	89.2	80.2	72.6	66.1
30°	180.6	167.7	158.8	147.1	138.2	126.8	116.4	106.3	95.4	86.4	77.3
32.5°	212.5	203.8	188.7	178.8	165.4	151.8	140.9	129.3	115.9	104.3	93.1
35°	254.6	239.7	227.1	213.2	198.6	184.5	170.4	153.8	140.2	125.8	112.2
37.5°	291.8	276.6	262.0	244.0	227.4	212.5	195.4	178.1	162.0	144.9	128.5
40°	334.9	316.0	298.7	281.8	261.3	243.7	225.9	204.3	185.8	166.9	147.6
42.5°	381.9	362.8	342.3	323.0	300.4	278.9	256.8	235.3	214.5	191.7	169.2
45°	433.4	413.4	390.3	368.3	343.8	320.0	293.7	269.0	244.5	218.9	192.9
47.5°	497.3	471.6	450.3	422.8	392.3	367.3	335.1	306.9	278.9	249.2	219.9
50°	580.0	550.8	520.1	489.6	456.0	424.3	388.6	355.2	317.8	284.6	251.1
52.5°	689.8	668.0	632.3	597.4	556.3	515.9	466.9	423.5	375.5	333.1	292.3
55°	845.5	831.2	800.2	762.1	726.2	667.2	610.8	543.4	481.0	420.0	362.6
57.5°	1127.6	1112.0	1077.6	1068.5	1013.2	969.9	903.8	816.6	710.8	617.7	524.8
60°	1533.8	1503.4	1469.7	1463.5	1398.6	1353.0	1287.4	1194.5	1095.0	946.4	819.8
62.5°	1760.7	1751.5	1724.3	1690.8	1634.6	1567.0	1493.2	1403.3	1302.3	1172.0	1021.4
64°	1791.2	1782.7	1759.2	1721.6	1665.1	1598.0	1516.2	1426.6	1325.3	1206.4	1068.9
65°	1772.1	1760.2	1740.1	1705.5	1653.0	1588.6	1506.3	1415.4	1312.7	1198.2	1070.4
67.5°	1618.3	1612.8	1594.5	1562.3	1529.4	1471.4	1399.1	1317.9	1233.9	1120.5	1015.7
70°	1374.1	1370.1	1346.8	1334.0	1279.5	1242.8	1184.4	1120.5	1046.2	967.2	878.0
72.5°	1018.7	1005.3	986.5	966.9	930.0	879.7	834.2	766.0	727.7	661.0	610.8
75°	540.2	531.7	502.5	461.7	416.1	392.6	345.3	302.9	269.2	254.1	217.7
77.5°	186.7	170.1	153.8	135.5	107.5	84.7	67.6	54.0	42.6	37.6	31.5
80°	93.1	88.4	83.2	72.8	61.2	49.3	38.6	30.5	25.0	21.3	19.1
82.5°	75.5	66.9	59.7	52.3	41.9	34.4	27.2	22.3	18.3	16.1	14.1
85°	44.6	34.2	26.0	23.5	18.3	15.9	13.6	11.6	9.9	9.4	8.7
87.5°	1.7	2.2	2.2	1.7	2.2	2.0	2.0	1.7	1.7	1.7	1.7
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
2.5°	27.5	27.2	27.2	27.0	26.7	26.7	26.7	26.5	26.0	25.0	24.3
5°	28.5	28.2	28.0	27.5	27.2	27.0	26.7	26.7	25.5	23.8	22.5
7.5°	29.7	29.2	28.7	28.2	28.0	27.5	27.0	26.7	25.0	22.8	21.5
10°	31.0	30.2	29.5	29.2	28.5	28.0	27.2	26.7	24.8	22.0	20.3
12.5°	32.4	31.5	30.5	29.7	28.7	28.2	27.5	26.7	24.3	21.3	19.3
15°	34.2	32.7	31.5	30.7	29.7	28.5	27.5	26.7	23.8	20.6	18.3
17.5°	36.4	34.7	33.2	31.7	30.2	29.0	28.0	27.0	23.0	19.6	17.1
20°	39.9	37.6	35.2	33.4	31.5	30.0	28.2	27.0	22.5	18.6	16.1
22.5°	44.6	41.1	38.4	35.4	32.9	31.0	29.0	27.5	21.8	17.6	14.9
25°	51.3	46.8	42.4	38.6	35.4	32.7	30.2	28.2	21.3	16.8	14.1
27.5°	58.7	53.5	47.6	43.1	38.6	34.7	31.9	29.5	21.3	16.3	13.4
30°	69.1	61.7	54.5	48.8	42.8	38.4	34.4	31.2	21.3	16.1	12.6
32.5°	81.7	73.3	64.1	56.0	49.0	42.6	37.6	33.4	21.8	15.6	12.1
35°	99.3	86.9	76.0	65.9	56.7	49.3	42.8	37.2	22.5	15.4	11.4
37.5°	113.2	98.3	84.5	72.8	62.2	53.0	44.8	38.6	21.8	14.4	10.6
40°	129.8	112.9	96.1	81.5	69.3	57.5	48.0	40.6	21.3	13.1	9.7
42.5°	149.8	128.8	109.2	92.6	77.5	63.4	52.3	43.1	21.3	12.4	8.9
45°	168.7	145.6	123.8	103.0	85.4	69.8	56.2	45.8	21.1	11.6	7.9
47.5°	191.9	164.7	139.2	115.2	94.9	75.8	60.4	48.3	20.8	10.9	7.2
50°	219.4	186.2	157.5	128.8	104.0	83.0	65.4	51.0	20.3	10.2	6.4
52.5°	249.9	214.2	177.6	144.4	115.4	90.6	70.1	53.5	19.6	9.4	5.7
55°	303.9	254.9	211.5	170.4	132.8	102.0	77.0	57.2	18.8	8.7	5.0
57.5°	433.4	352.2	290.8	228.8	174.9	131.0	95.8	67.9	17.8	7.7	4.0
60°	680.6	546.6	442.3	347.0	264.5	201.1	141.2	100.3	19.1	6.4	3.5
62.5°	873.0	719.0	586.2	466.6	362.3	275.4	205.6	149.8	27.5	5.7	2.7
64°	923.3	767.3	625.6	500.3	391.8	302.2	229.3	169.4	35.4	5.7	2.5
65°	930.7	782.1	639.7	512.7	402.0	309.3	236.3	175.8	38.6	5.9	2.2
67.5°	900.0	773.5	643.9	517.9	409.6	319.2	245.7	186.0	43.6	5.7	1.7
70°	786.1	693.0	586.5	484.4	386.4	303.4	236.3	180.3	45.6	5.4	1.5
72.5°	535.0	470.8	407.9	335.6	269.0	221.7	172.4	127.1	31.9	4.5	1.2
75°	178.3	173.9	155.5	117.9	99.1	80.5	64.4	49.5	12.1	2.7	1.2
77.5°	29.7	25.5	22.3	21.3	17.8	17.3	15.1	12.1	5.2	1.7	1.2
80°	17.3	15.9	13.9	12.4	10.9	9.7	8.2	6.9	3.2	1.2	1.5
82.5°	12.9	11.4	10.2	8.9	7.7	6.7	5.7	4.7	1.7	1.2	1.5
85°	7.4	6.4	5.7	5.0	4.0	3.5	3.0	2.5	1.2	1.2	1.2
87.5°	1.5	1.5	1.2	1.2	1.2	1.2	1.2	1.0	1.2	1.2	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):

	125°	135°	145°	155°	165°	175°	180°
0°	26.5	26.5	26.5	26.5	26.5	26.5	26.5
2.5°	23.8	23.0	22.8	22.8	22.8	22.8	22.8
5°	21.8	21.1	20.6	20.3	20.3	20.3	20.3
7.5°	20.3	19.3	18.8	18.3	18.3	18.1	18.1
10°	18.8	17.8	17.1	16.6	16.3	16.3	16.3
12.5°	17.6	16.6	15.6	15.1	15.1	14.9	14.9
15°	16.6	15.1	14.4	13.9	13.9	13.6	13.6
17.5°	15.4	14.1	13.4	12.9	12.6	12.6	12.6
20°	14.1	12.9	12.1	11.9	11.6	11.6	11.4
22.5°	13.1	11.9	11.1	10.9	10.6	10.6	10.4
25°	12.1	10.9	10.2	9.9	9.7	9.4	9.4
27.5°	11.4	10.2	9.4	8.9	8.7	8.4	8.4
30°	10.6	9.2	8.4	7.9	7.7	7.4	7.4
32.5°	9.9	8.4	7.4	6.9	6.7	6.4	6.4
35°	8.9	7.4	6.4	6.2	5.9	5.7	5.4
37.5°	8.2	6.4	5.7	5.2	5.0	4.7	4.7
40°	7.2	5.7	5.0	4.5	4.0	3.7	3.7
42.5°	6.4	5.0	4.2	3.5	3.2	3.0	3.0
45°	5.7	4.5	3.5	2.7	2.5	2.2	2.2
47.5°	5.0	3.7	2.7	2.2	2.0	1.7	1.7
50°	4.2	3.0	2.0	1.5	1.7	1.5	1.5
52.5°	3.7	2.2	1.5	1.5	1.5	1.5	1.5
55°	3.0	1.7	1.2	1.2	1.5	1.5	1.5
57.5°	2.5	1.2	1.0	1.2	1.2	1.2	1.2
60°	1.7	1.0	1.0	1.2	1.2	1.2	1.2
62.5°	1.5	1.0	1.0	1.0	1.2	1.2	1.2
64°	1.2	1.0	1.0	1.0	1.2	1.2	1.2
65°	1.2	1.0	1.0	1.0	1.2	1.2	1.2
67.5°	1.2	1.0	1.0	1.0	1.2	1.2	1.2
70°	1.0	1.0	1.0	1.0	1.2	1.2	1.2
72.5°	1.0	1.0	1.0	1.0	1.2	1.2	1.2
75°	1.0	1.0	1.0	1.0	1.2	1.2	1.2
77.5°	1.0	1.0	1.0	1.2	1.2	1.2	1.2
80°	1.0	1.0	1.0	1.2	1.2	1.2	1.2
82.5°	1.0	1.0	1.0	1.2	1.2	1.2	1.2
85°	1.0	1.0	1.0	1.2	1.2	1.2	1.2
87.5°	1.0	1.0	1.0	1.2	1.2	1.2	1.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)