

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: P180431

Luminaire Tested: **ICS-F02-LED-E1-SL2-HSS-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180431
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: ICS-F02-LED-E1-SL2-HSS-8030
Description: ICON SITE SMALL LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (14) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2299.7 lumens
Efficiency: N/A
Efficacy: 41.8 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

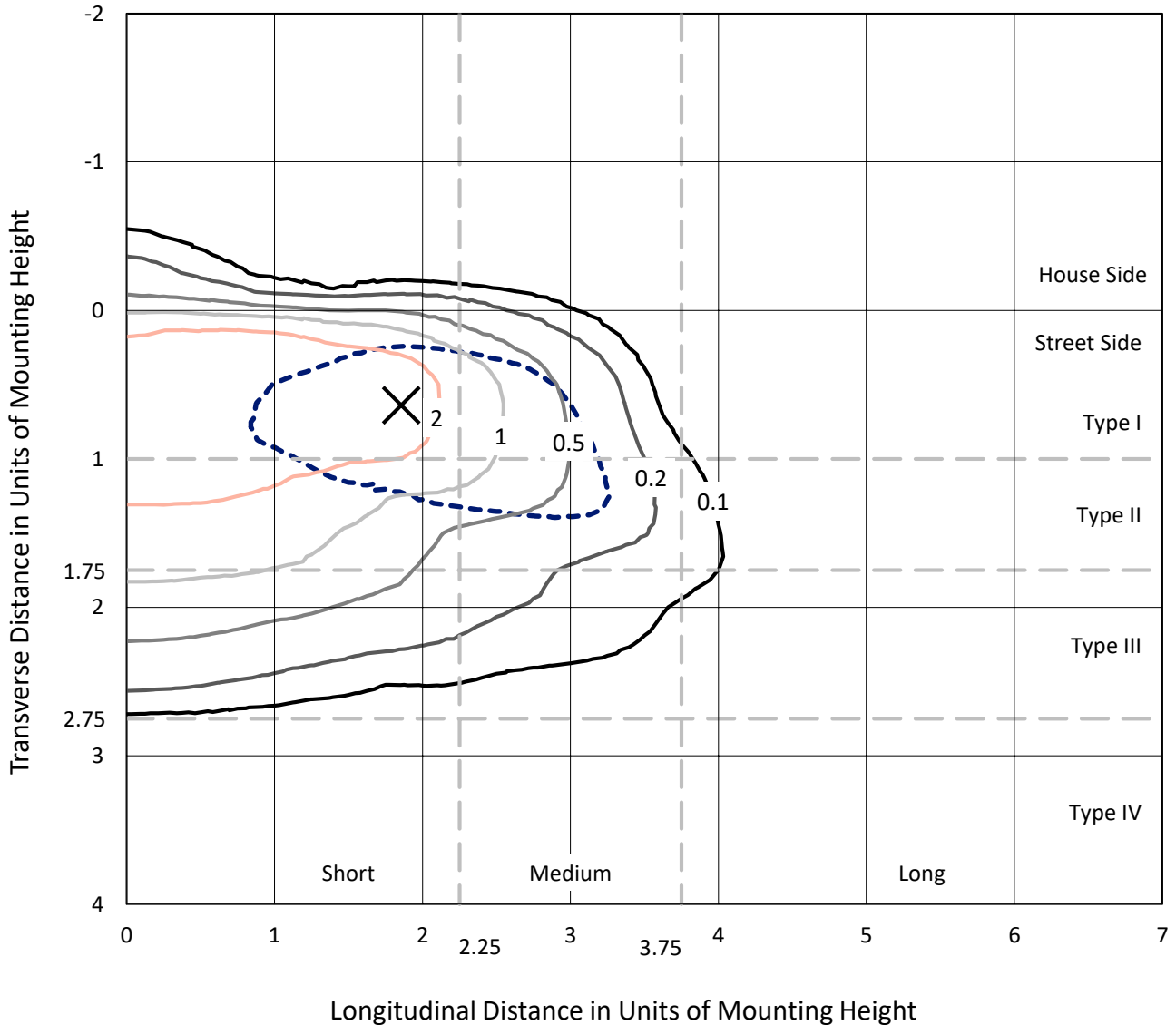
Input Watts (W): 55
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

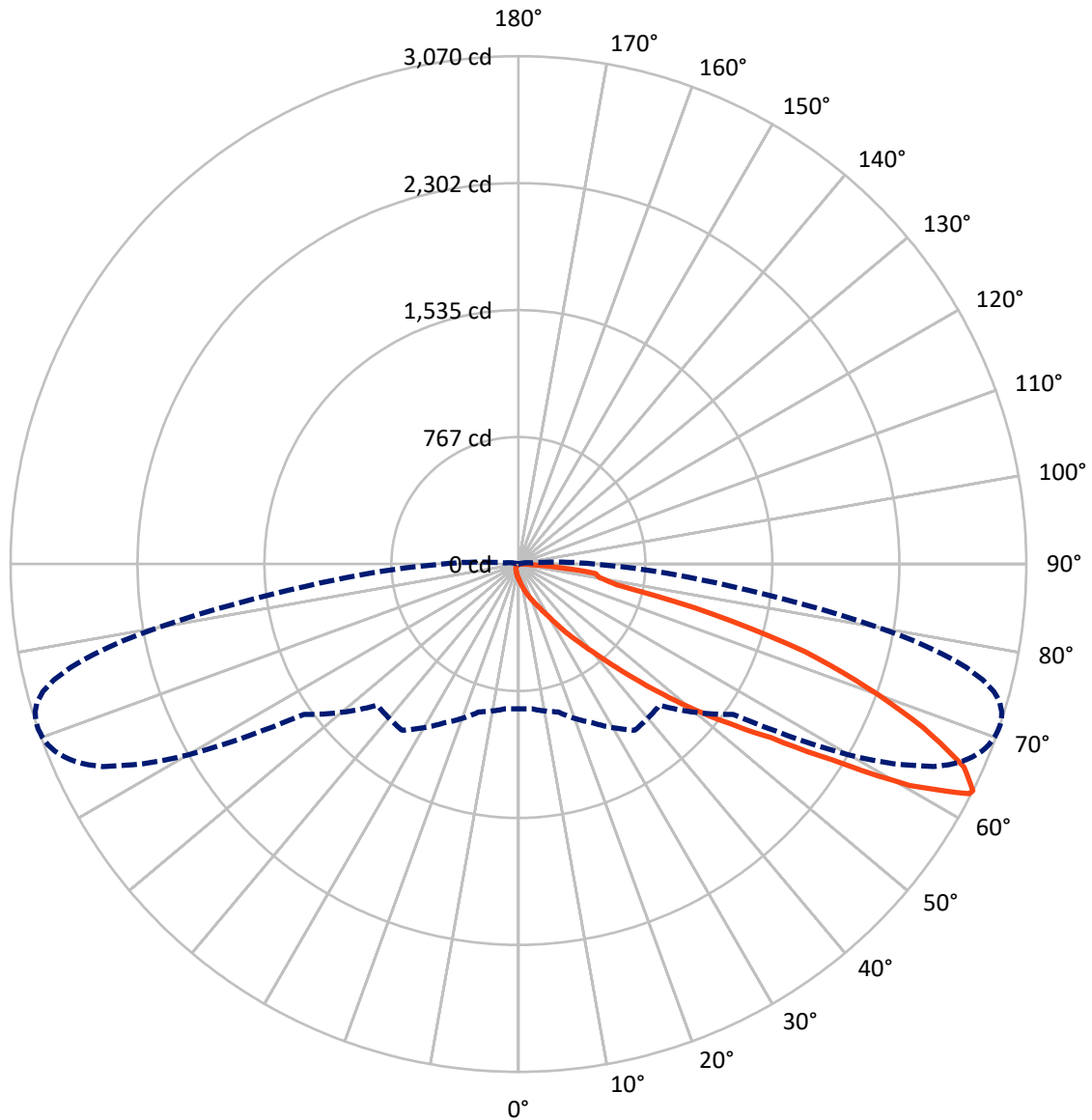
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.8 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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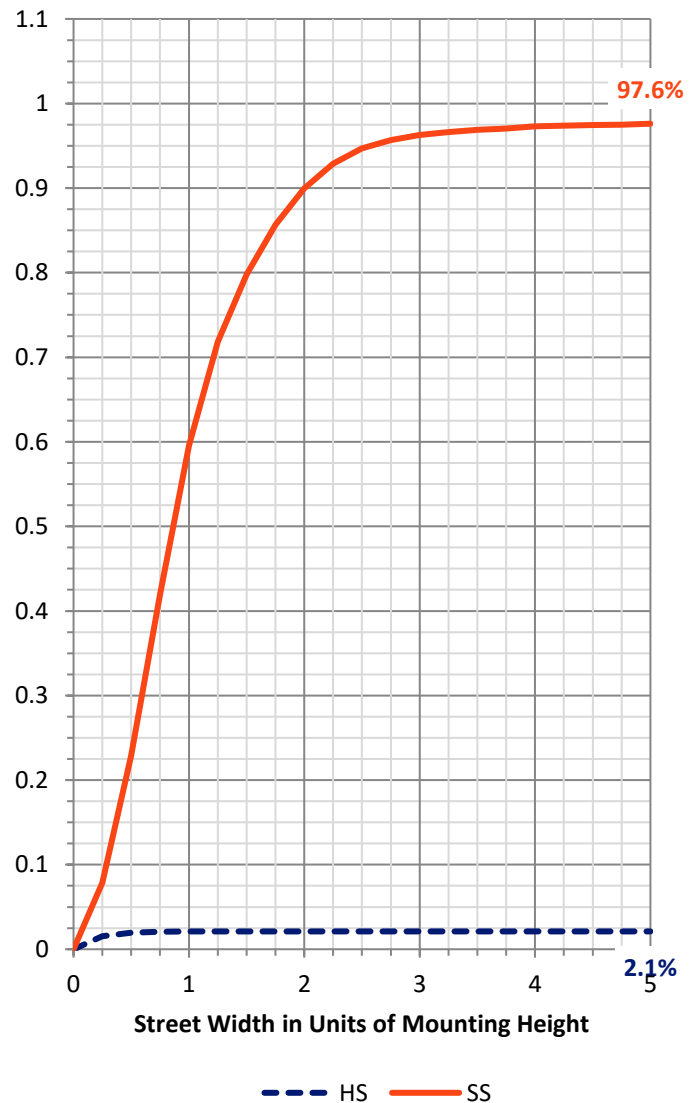
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	48.8	0.0	48.8
	% Fixture	2.1	0.0	2.1
Street Side	Lumens	2250.8	0.0	2250.8
	% Fixture	97.9	0.0	97.9
Total	Lumens	2299.7	0.0	2299.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.8	0.4
10°-20°	37.8	1.6
20°-30°	76.8	3.3
30°-40°	187.6	8.2
40°-50°	419.7	18.2
50°-60°	590.1	25.7
60°-70°	693.9	30.2
70°-80°	250.6	10.9
80°-90°	33.5	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°	2299.7	100.0
0°-180°	2299.7	100.0



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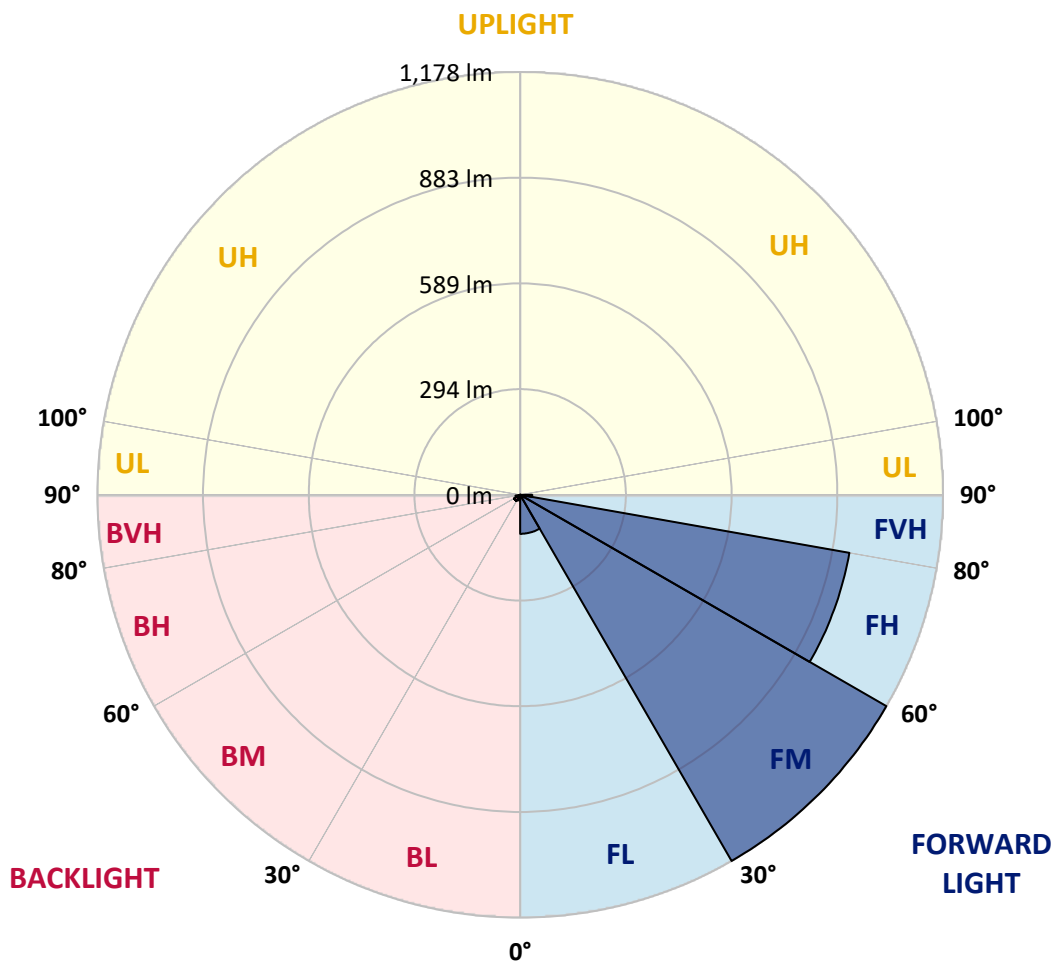
CATALOG NUMBER: ICS-F02-LED-E1-SL2-HSS-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	108.7	4.7			
FM (30°-60°)	1177.7	51.2			
FH (60°-80°)	931.0	40.5			G1/1800
FVH (80°-90°)	33.4	1.5			G1/100
BL (0°-30°)	15.7	0.7	B0/110		
BM (30°-60°)	19.7	0.9	B0/220		
BH (60°-80°)	13.4	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°	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
2.5°	115.4	116.6	115.8	113.7	111.2	107.9	104.9	104.9	104.5	103.3	103.7
5°	151.3	151.8	150.1	145.1	140.5	133.4	125.4	124.6	123.7	122.5	122.1
7.5°	186.5	188.1	186.5	181.0	171.8	161.0	148.4	147.2	144.7	144.7	143.0
10°	222.4	222.4	220.7	214.5	206.1	190.6	174.8	172.7	169.7	168.9	166.4
12.5°	247.9	247.9	247.1	243.7	237.0	223.2	204.0	201.9	198.2	196.9	194.0
15°	257.9	257.9	258.4	261.3	261.7	255.4	235.4	233.7	229.9	226.6	225.3
17.5°	264.2	263.8	263.8	268.0	275.5	279.7	266.7	265.1	260.9	259.2	255.0
20°	278.0	277.2	274.7	274.7	281.8	296.4	296.4	296.0	291.4	290.1	288.0
22.5°	298.5	297.7	290.1	283.9	287.2	305.6	322.7	321.9	320.2	318.6	317.3
25°	331.9	329.0	316.1	297.7	294.7	314.4	342.8	344.9	346.2	346.2	347.0
27.5°	382.5	378.8	355.8	321.5	308.5	328.6	365.0	369.2	372.9	373.7	377.5
30°	452.8	446.1	413.0	362.9	333.2	349.5	397.6	402.2	407.6	409.3	415.1
32.5°	568.1	564.4	532.6	457.4	393.8	390.5	443.1	449.0	456.1	459.0	466.1
35°	743.7	744.6	718.7	650.9	563.1	517.1	524.7	529.7	532.2	541.0	544.7
37.5°	862.9	865.0	870.8	844.1	781.4	734.5	675.6	681.0	668.1	669.3	669.7
40°	928.1	934.8	969.1	995.0	990.0	962.8	915.6	918.5	894.2	888.8	862.5
42.5°	971.6	980.4	1035.1	1115.4	1156.4	1181.0	1170.2	1168.9	1150.1	1143.0	1120.8
45°	998.8	1006.7	1075.7	1194.0	1288.5	1360.4	1390.1	1393.4	1377.5	1370.4	1352.0
47.5°	997.5	1006.7	1080.7	1223.3	1362.5	1477.4	1561.1	1565.2	1574.8	1568.6	1569.8
50°	942.3	951.1	1025.5	1173.5	1340.7	1531.0	1684.0	1697.3	1712.8	1723.3	1728.3
52.5°	875.4	881.7	947.8	1088.2	1247.9	1508.8	1756.7	1779.7	1802.7	1822.3	1836.1
55°	850.8	857.9	909.7	1026.3	1173.5	1416.0	1790.6	1824.4	1857.0	1889.2	1915.6
57.5°	863.7	870.4	907.6	997.1	1129.2	1318.2	1800.2	1852.9	1906.4	1958.6	2010.5
60°	911.4	918.5	950.3	1024.3	1117.5	1261.7	1762.6	1849.9	1939.0	2030.1	2115.8
62.5°	892.6	895.5	942.3	1071.9	1201.1	1213.6	1625.9	1747.9	1883.8	2024.3	2162.6
63°	874.6	877.9	925.6	1059.0	1226.6	1206.5	1583.6	1712.4	1855.8	2007.1	2157.6
65°	793.1	793.5	829.9	935.2	1198.2	1219.1	1395.5	1518.4	1683.1	1864.6	2054.8
67.5°	592.0	589.1	624.2	704.4	940.6	1219.5	1197.8	1266.7	1381.3	1542.2	1712.8
70°	209.9	205.3	262.1	373.3	586.1	997.5	1029.3	1033.9	1065.6	1152.6	1259.6
72.5°	68.1	69.4	83.6	136.7	270.1	671.4	931.9	917.7	909.3	908.9	923.1
75°	27.2	27.6	33.4	60.6	121.2	323.6	816.1	824.0	826.9	831.1	835.7
77.5°	13.0	14.2	18.8	33.9	60.2	160.1	584.0	651.3	689.8	719.5	737.5
80°	4.6	5.4	10.5	20.9	28.0	73.6	307.7	371.2	427.7	500.4	563.1
82.5°	0.0	0.0	2.1	14.6	15.5	29.7	126.3	148.0	169.3	219.5	281.8
85°	0.0	0.0	0.0	4.2	4.6	5.0	42.6	51.4	57.7	67.3	77.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.3	2.5	6.3	9.6
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°	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
2.5°	102.8	102.4	102.4	101.6	101.2	100.3	99.9	98.7	98.2	98.2	98.2
5°	121.7	120.0	119.1	117.1	115.8	115.4	113.3	112.5	111.2	111.6	109.5
7.5°	142.6	139.6	138.4	135.5	134.6	131.7	130.9	128.8	127.5	125.0	124.2
10°	165.6	161.8	159.7	155.1	153.8	151.8	149.2	146.7	144.7	142.1	140.9
12.5°	191.9	188.5	186.9	180.6	177.7	174.8	171.4	168.1	164.7	162.6	159.7
15°	222.8	217.4	215.7	209.9	204.9	201.1	196.5	192.3	189.8	185.6	182.7
17.5°	253.3	247.9	246.7	237.9	232.4	229.9	224.9	219.5	214.9	210.7	206.1
20°	283.9	280.1	276.8	268.4	262.5	258.4	251.7	246.2	242.5	236.6	230.8
22.5°	314.4	310.6	308.1	299.3	293.9	288.0	282.2	276.3	270.9	263.8	257.1
25°	345.7	343.2	342.0	334.0	329.0	323.6	317.7	311.0	304.4	296.4	289.3
27.5°	378.3	379.2	376.7	375.0	369.6	365.8	356.6	352.0	347.0	337.4	328.6
30°	419.7	422.2	421.4	422.7	419.3	416.8	409.7	403.8	398.0	388.8	378.8
32.5°	472.0	475.3	477.0	481.6	479.9	479.1	477.0	468.6	464.5	448.6	444.4
35°	552.7	551.0	558.1	561.9	560.2	559.4	556.9	552.3	547.2	536.0	525.5
37.5°	657.6	659.3	661.8	654.3	649.3	648.8	641.3	636.7	629.6	617.1	604.5
40°	849.9	839.5	827.8	796.0	782.2	774.3	752.1	745.8	733.7	716.6	703.6
42.5°	1099.9	1089.5	1054.4	1001.3	972.8	933.5	915.6	893.4	876.3	848.3	833.2
45°	1348.3	1318.2	1314.0	1252.1	1217.0	1165.1	1133.0	1095.7	1056.9	1020.1	993.3
47.5°	1557.7	1551.0	1530.5	1492.9	1460.3	1416.8	1375.4	1318.2	1278.0	1225.8	1177.7
50°	1725.4	1724.9	1717.4	1695.7	1668.5	1633.4	1597.0	1548.5	1502.9	1439.0	1387.6
52.5°	1850.8	1857.5	1860.0	1853.3	1842.8	1811.9	1793.5	1752.9	1714.5	1660.1	1604.5
55°	1942.7	1967.4	1980.0	1994.2	1991.2	1980.4	1979.5	1953.2	1935.6	1892.6	1853.3
57.5°	2056.5	2097.0	2135.9	2204.9	2207.4	2231.6	2244.2	2256.7	2260.1	2242.9	2230.0
60°	2201.1	2283.9	2357.5	2501.7	2539.3	2598.7	2637.1	2679.0	2714.5	2717.4	2716.6
62.5°	2303.1	2430.6	2549.4	2763.4	2836.6	2905.1	2956.5	2997.1	3021.8	3046.9	3058.6
63°	2306.0	2445.7	2571.9	2792.7	2869.6	2934.8	2983.7	3021.3	3047.3	3062.3	3069.8
65°	2235.4	2404.7	2555.2	2775.1	2847.4	2913.1	2938.6	2963.2	2975.8	2981.6	2959.5
67.5°	1894.7	2060.2	2235.8	2481.6	2543.5	2622.1	2643.0	2655.5	2661.4	2660.1	2641.3
70°	1416.8	1555.6	1750.9	2031.8	2113.7	2190.7	2238.3	2258.8	2265.5	2263.4	2235.4
72.5°	989.1	1070.7	1231.6	1544.3	1656.0	1754.6	1813.6	1844.1	1850.4	1837.8	1811.9
75°	830.7	834.9	871.2	1042.2	1146.7	1252.1	1318.6	1337.8	1325.3	1287.2	1221.2
77.5°	741.6	750.8	750.8	776.3	796.8	826.1	832.4	785.5	731.2	661.0	604.1
80°	622.1	654.3	676.8	695.7	697.7	691.9	676.4	650.1	608.3	554.8	495.4
82.5°	377.9	441.5	467.4	564.4	612.0	644.2	641.7	606.6	574.8	519.2	468.6
85°	95.3	102.8	111.6	145.1	162.6	198.6	221.2	231.6	235.4	216.1	195.7
87.5°	9.2	6.3	10.5	7.9	11.3	8.4	11.3	10.5	13.0	13.8	15.1
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°	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
2.5°	97.4	97.0	96.6	96.2	95.7	95.3	94.5	94.5	93.6	93.2	92.8
5°	108.3	107.4	107.0	106.2	104.9	104.1	102.8	101.2	99.9	99.5	98.7
7.5°	122.1	120.0	119.1	117.9	116.2	113.7	112.0	110.8	108.7	107.4	104.9
10°	137.5	135.5	132.9	130.4	127.9	125.0	122.9	121.2	117.9	116.2	113.3
12.5°	157.2	153.4	150.5	147.2	143.8	140.5	138.0	132.9	130.0	126.3	123.7
15°	177.3	173.9	170.6	166.4	161.4	155.9	153.4	148.8	145.1	139.2	135.9
17.5°	201.5	195.2	190.2	185.2	180.6	175.6	170.6	163.5	158.0	153.0	146.3
20°	225.3	217.8	212.4	205.7	199.0	191.1	185.2	180.2	172.7	166.0	158.9
22.5°	250.8	243.3	234.5	227.8	218.6	212.4	204.4	196.1	188.5	179.8	171.0
25°	281.8	273.8	263.8	255.0	244.6	235.8	226.2	216.6	207.4	197.3	186.0
27.5°	319.8	311.5	300.6	290.1	276.3	265.5	256.3	243.3	231.6	219.1	206.1
30°	367.9	358.7	345.3	330.3	316.5	304.4	291.4	274.3	261.3	246.2	229.5
32.5°	430.6	419.7	401.8	387.5	370.4	354.5	336.5	319.4	301.0	281.4	262.1
35°	509.6	499.6	478.7	457.8	439.0	420.2	397.6	377.9	352.0	328.2	303.5
37.5°	591.6	573.6	554.4	531.8	508.4	485.8	458.2	431.0	401.3	375.4	344.5
40°	685.2	663.5	647.6	623.3	590.3	558.1	532.6	498.8	461.5	426.8	390.5
42.5°	813.6	789.3	760.9	724.1	700.3	662.6	629.6	589.5	540.6	501.7	457.8
45°	962.0	928.9	901.3	865.8	837.0	790.1	751.7	698.2	649.3	598.2	544.7
47.5°	1131.3	1090.3	1050.2	1015.1	969.1	923.1	874.2	817.3	754.6	698.6	635.0
50°	1325.7	1267.6	1212.0	1166.8	1103.7	1050.6	997.5	933.5	864.1	799.8	727.4
52.5°	1541.8	1474.5	1400.9	1331.5	1258.4	1190.2	1126.3	1052.7	975.3	896.7	816.1
55°	1802.7	1752.1	1665.6	1577.4	1479.5	1388.4	1306.0	1214.9	1120.8	1017.6	932.7
57.5°	2211.1	2186.5	2114.1	2025.9	1898.4	1787.6	1648.0	1536.4	1400.1	1258.0	1148.4
60°	2764.7	2734.1	2693.6	2622.1	2520.9	2370.4	2216.6	2043.1	1835.7	1638.8	1451.9
62.5°	3059.8	3048.9	3015.9	2966.6	2872.1	2753.4	2598.3	2407.6	2173.5	1934.4	1696.1
63°	3068.6	3054.8	3026.4	2976.2	2893.0	2778.0	2625.9	2440.7	2211.6	1967.8	1724.5
65°	2949.9	2944.4	2915.6	2860.8	2804.0	2716.2	2598.3	2439.0	2246.7	2016.3	1774.3
67.5°	2616.2	2599.9	2555.6	2538.9	2499.2	2438.1	2348.3	2238.7	2101.2	1920.2	1711.1
70°	2212.8	2188.6	2133.0	2103.3	2054.8	2016.3	1961.6	1883.4	1798.5	1672.3	1516.3
72.5°	1785.1	1735.0	1684.0	1606.6	1538.9	1470.3	1409.7	1354.5	1261.3	1210.3	1092.0
75°	1159.3	1068.2	980.8	863.7	758.4	665.1	574.4	528.4	432.7	393.8	338.2
77.5°	550.2	499.2	430.6	377.5	309.8	252.9	206.5	155.1	121.7	95.3	72.7
80°	444.0	400.9	359.5	311.5	260.5	207.8	159.3	119.1	84.4	58.5	41.4
82.5°	395.9	349.1	298.1	265.1	230.4	188.5	154.7	126.3	93.2	68.1	46.4
85°	153.8	129.6	99.9	81.5	63.5	52.3	47.2	32.6	25.5	20.1	15.5
87.5°	13.4	10.9	8.8	5.9	6.3	3.3	3.8	2.5	2.1	2.1	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°	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
2.5°	92.4	92.0	91.6	90.7	90.7	89.9	89.5	89.0	87.0	82.4	78.6
5°	97.0	96.2	95.3	94.1	93.2	92.0	91.1	89.9	85.3	76.5	69.0
7.5°	103.7	102.0	100.8	98.2	97.0	95.3	94.1	92.0	84.4	71.1	60.6
10°	111.6	108.7	106.6	103.7	101.2	99.1	97.0	94.1	83.6	65.2	53.1
12.5°	121.2	117.9	113.7	110.4	107.0	104.1	101.2	97.4	82.4	60.2	47.2
15°	130.9	125.8	122.9	118.3	113.7	109.5	105.4	102.0	82.8	54.8	42.2
17.5°	141.7	136.7	130.4	125.4	120.4	115.0	110.0	103.3	80.7	50.6	38.5
20°	152.2	145.1	139.2	132.9	125.8	119.1	112.9	107.0	79.0	46.4	35.1
22.5°	163.5	155.1	147.6	139.6	130.9	123.3	115.8	108.3	76.1	42.6	32.2
25°	177.3	167.6	156.8	147.2	138.0	128.8	119.1	110.0	73.2	39.3	30.1
27.5°	194.0	181.4	170.6	158.4	145.5	133.8	123.3	113.3	70.2	36.8	28.0
30°	215.3	200.7	185.2	169.7	155.9	142.6	127.9	115.4	67.3	34.3	25.9
32.5°	243.7	225.3	206.5	188.5	170.2	153.0	137.5	121.2	65.6	32.2	23.8
35°	281.4	257.5	234.5	212.0	189.8	168.9	148.8	130.4	65.6	29.7	21.3
37.5°	316.9	289.3	260.0	232.0	205.7	181.4	157.6	135.5	62.3	27.6	19.2
40°	355.4	322.3	288.0	255.0	223.2	193.1	166.0	140.5	59.4	25.1	17.1
42.5°	414.3	372.5	327.8	289.3	251.3	214.0	180.2	150.1	55.6	22.6	15.1
45°	491.6	438.5	385.9	339.0	290.6	245.0	204.9	167.6	54.8	20.5	13.0
47.5°	574.4	511.7	449.8	390.1	333.2	280.1	232.0	187.3	54.8	18.4	11.3
50°	656.8	578.2	512.1	442.7	378.8	316.1	258.8	207.8	55.2	16.7	9.2
52.5°	731.2	647.2	573.2	492.9	422.2	349.5	287.2	227.8	54.3	14.6	7.5
55°	834.5	735.8	650.1	561.5	478.7	396.7	326.1	257.9	54.8	13.0	6.3
57.5°	1024.7	908.9	805.6	689.4	594.1	488.3	402.6	319.8	59.8	10.9	4.6
60°	1297.7	1147.2	1002.1	860.4	739.1	613.3	502.1	404.7	70.2	8.8	3.3
62.5°	1481.2	1284.3	1111.2	954.9	814.0	682.3	561.0	450.3	77.3	7.1	2.1
63°	1500.0	1296.4	1122.5	961.1	817.3	685.6	563.6	453.6	77.8	6.7	2.1
65°	1535.5	1317.3	1128.8	962.4	814.0	681.0	561.9	453.2	78.6	5.4	1.7
67.5°	1495.0	1285.1	1092.4	926.4	784.7	653.9	541.0	436.5	78.2	3.8	1.3
70°	1337.0	1163.1	993.7	839.1	710.3	592.0	492.5	398.0	71.9	2.5	0.8
72.5°	981.6	863.3	732.0	620.4	535.1	444.4	379.2	298.9	55.6	1.7	0.4
75°	291.0	265.1	222.8	196.5	173.5	143.4	127.5	99.5	28.4	0.8	0.0
77.5°	58.1	52.7	47.2	43.1	40.6	34.7	33.0	27.2	11.7	0.4	0.0
80°	30.5	25.1	21.3	18.8	16.3	13.4	11.3	9.2	2.1	0.0	0.0
82.5°	29.3	19.6	14.2	11.7	10.0	7.9	6.3	4.6	1.3	0.0	0.0
85°	10.9	8.4	6.3	5.0	4.2	3.8	2.9	2.5	0.0	0.0	0.0
87.5°	1.7	1.3	1.3	0.8	0.8	0.4	0.4	0.4	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°	88.2	88.2	88.2	88.2	88.2	88.2	88.2
2.5°	74.8	71.5	69.8	67.7	67.7	67.3	68.1
5°	62.3	57.7	54.3	51.8	52.3	51.0	51.4
7.5°	52.7	48.1	45.2	43.5	43.1	42.6	42.6
10°	45.6	41.4	38.9	37.6	37.2	37.2	37.2
12.5°	40.6	36.4	34.3	33.4	33.4	33.0	33.0
15°	36.4	33.0	30.9	30.1	30.1	29.7	30.1
17.5°	33.0	29.7	28.0	27.2	27.2	26.8	26.8
20°	30.1	27.2	25.5	24.2	24.2	23.8	24.2
22.5°	27.6	24.7	22.6	21.7	21.3	20.9	21.3
25°	25.1	22.2	20.1	18.8	18.4	18.4	18.0
27.5°	23.0	20.1	17.6	16.3	15.9	15.9	15.5
30°	20.9	17.6	15.1	13.8	13.4	13.4	13.4
32.5°	18.8	15.1	13.0	11.7	11.3	11.3	11.3
35°	16.7	13.0	10.9	9.6	9.2	9.2	9.2
37.5°	14.2	10.9	8.4	7.5	7.1	6.7	6.7
40°	12.1	8.4	6.3	5.4	4.6	4.6	4.6
42.5°	10.0	6.7	4.6	3.3	2.9	2.5	2.9
45°	8.4	5.0	2.9	1.7	1.3	1.3	1.3
47.5°	6.7	3.3	1.3	0.4	0.4	0.4	0.4
50°	5.0	2.1	0.4	0.0	0.0	0.4	0.4
52.5°	3.8	1.3	0.0	0.0	0.0	0.0	0.0
55°	2.1	0.4	0.0	0.0	0.0	0.0	0.0
57.5°	1.3	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.8	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.4	0.0	0.0	0.0	0.0	0.0	0.0
63°	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.4	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)