

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: STREETWORKS

Report Number: P154191

Luminaire Tested: **AVM-E01-LED-E-U-T2-HSS-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P154191
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33723)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: AVM-E01-LED-E-U-T2-HSS-7050
Description: VISION SITE MEDIUM LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 AREA W/ HOUSE SIDE SHIELD
Light Source: (21) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1643.1 lumens
Efficiency: N/A
Efficacy: 66.5 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

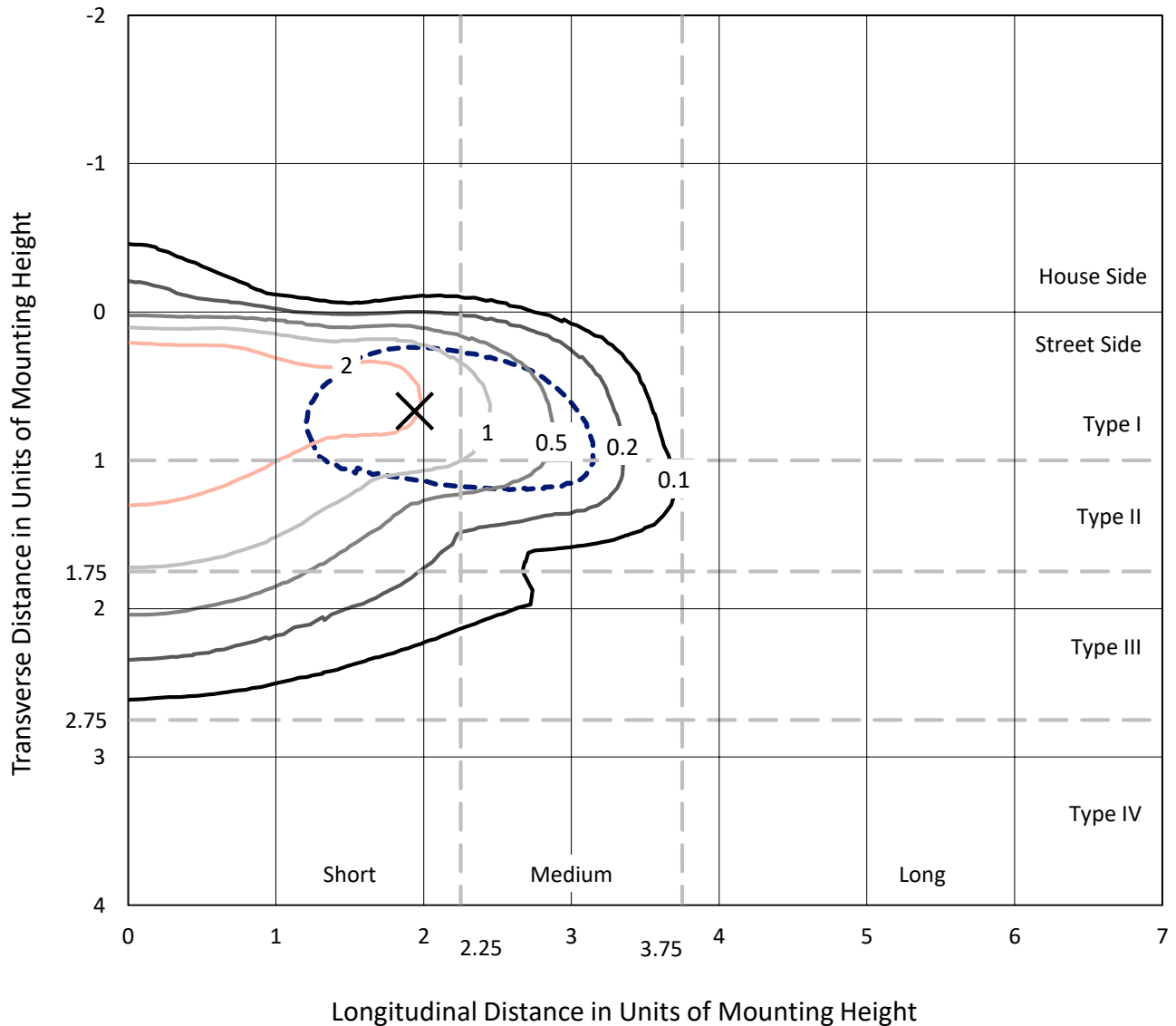
Input Watts (W): 24.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

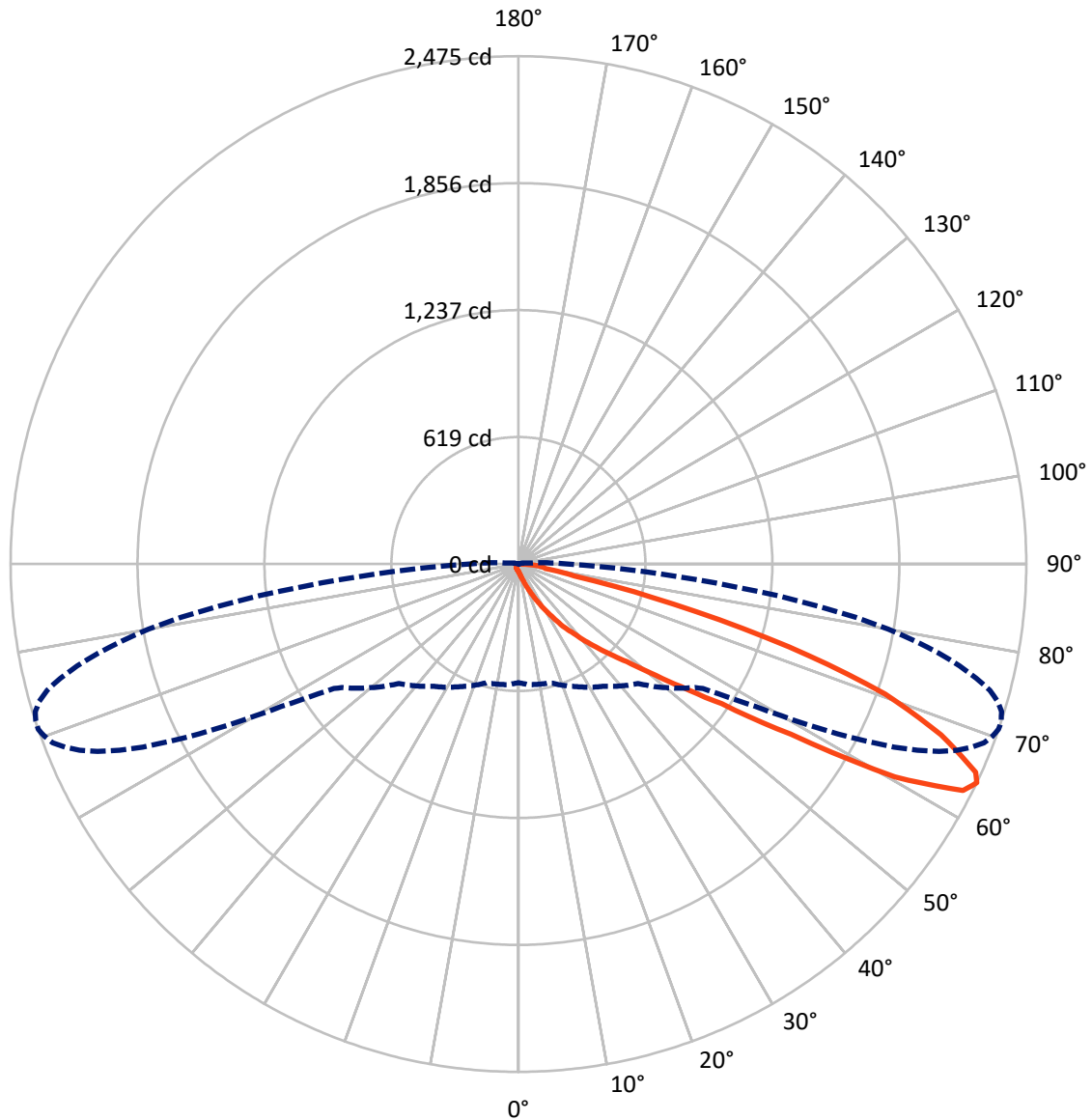
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.2 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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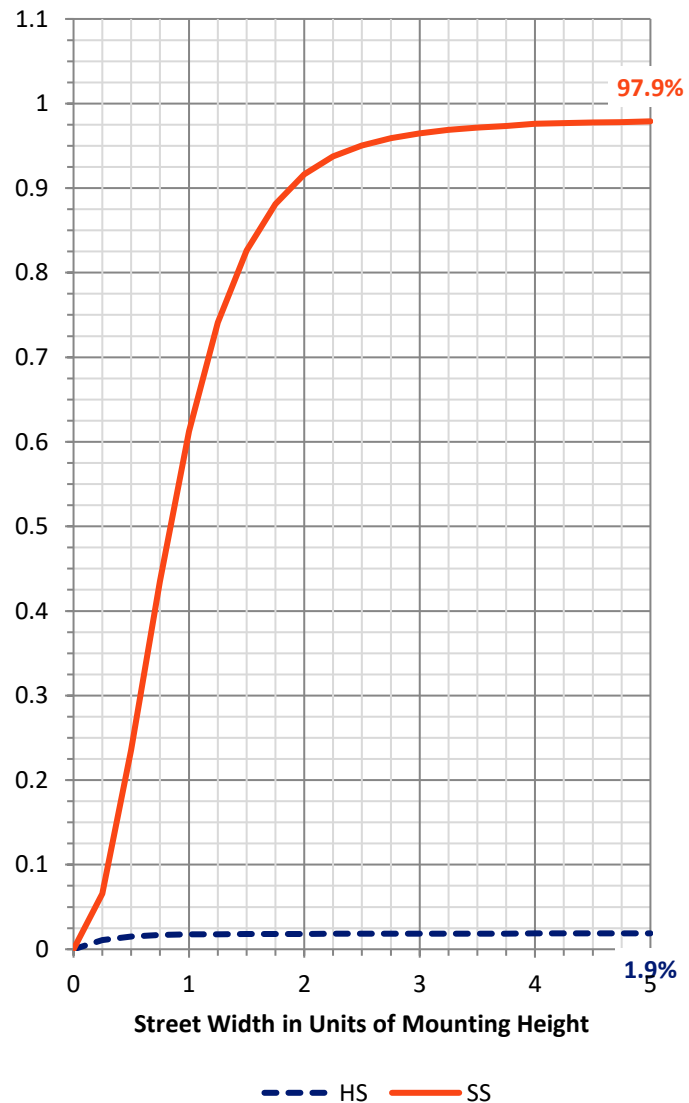
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	31.5	0.0	31.5
	% Fixture	1.9	0.0	1.9
Street Side	Lumens	1611.6	0.0	1611.6
	% Fixture	98.1	0.0	98.1
Total	Lumens	1643.1	0.0	1643.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.0	0.3
10°-20°	29.7	1.8
20°-30°	75.9	4.6
30°-40°	153.5	9.3
40°-50°	280.6	17.1
50°-60°	437.1	26.6
60°-70°	485.9	29.6
70°-80°	158.5	9.6
80°-90°	17.1	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°	1643.1	100.0
0°-180°	1643.1	100.0

Coefficient of Utilization



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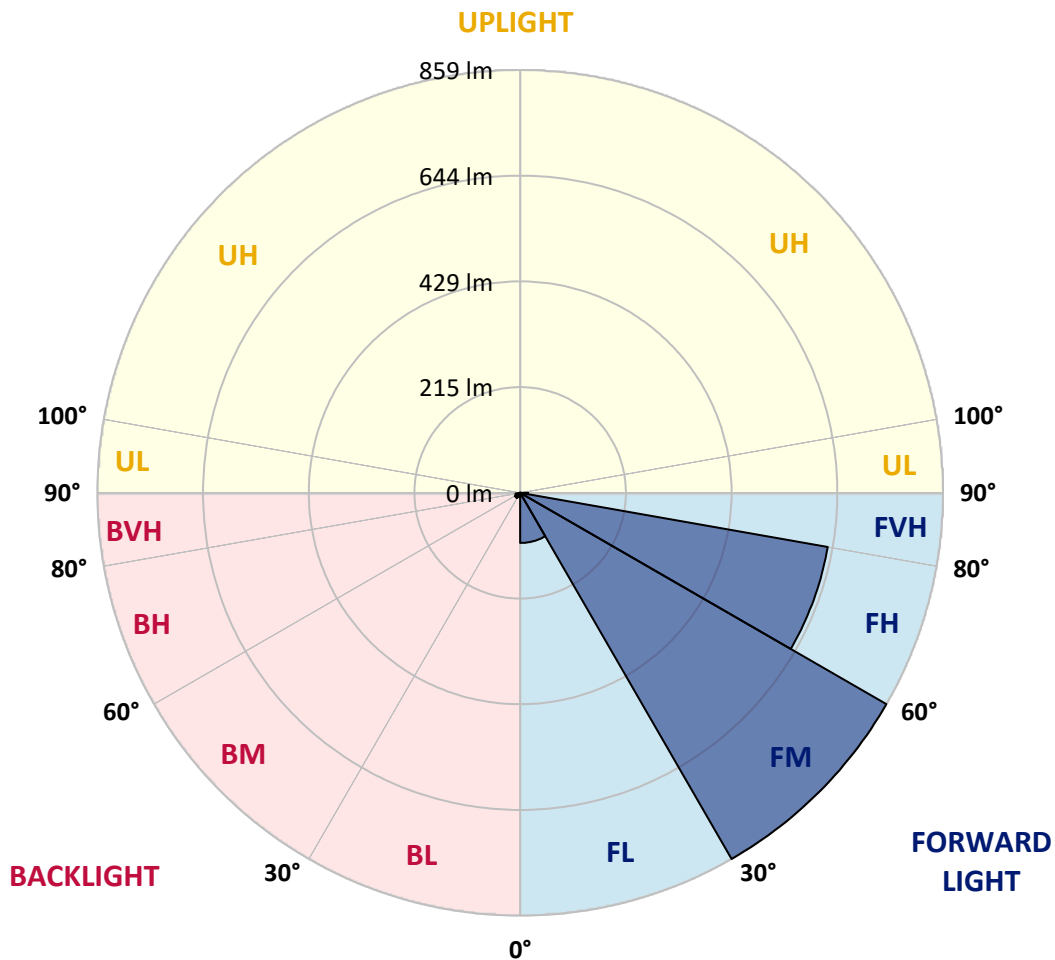
CATALOG NUMBER: AVM-E01-LED-E-U-T2-HSS-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	101.9	6.2			
FM (30°-60°)	859.0	52.3			
FH (60°-80°)	634.6	38.6			G0/660
FVH (80°-90°)	16.2	1.0			G1/100
BL (0°-30°)	8.8	0.5	B0/110		
BM (30°-60°)	12.2	0.7	B0/220		
BH (60°-80°)	9.7	0.6	B0/110		G0/110
BVH (80°-90°)	0.8	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°	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
2.5°	49.3	48.6	48.6	47.5	46.2	44.8	43.4	43.1	42.8	42.4	42.4
5°	77.3	74.6	73.5	69.8	65.0	59.2	54.0	52.7	52.7	51.6	51.0
7.5°	121.4	120.1	112.9	109.1	97.8	83.8	69.1	67.7	67.4	66.0	64.0
10°	177.9	175.1	170.0	159.0	138.5	114.2	93.4	90.0	87.6	84.8	82.1
12.5°	234.3	230.9	223.3	205.6	185.0	153.9	120.4	117.3	113.6	109.8	105.3
15°	290.7	288.3	276.7	258.9	232.2	195.0	152.5	147.1	144.0	136.5	133.1
17.5°	339.6	336.6	327.3	307.1	279.4	238.4	188.1	181.3	176.1	171.7	163.5
20°	382.1	379.0	370.1	353.3	322.2	281.8	226.4	223.0	213.8	206.9	202.1
22.5°	408.0	407.0	401.2	385.1	357.4	321.5	270.2	264.7	258.6	249.3	243.9
25°	424.1	423.1	419.7	408.4	389.6	363.2	318.4	311.6	306.1	297.9	291.1
27.5°	440.9	440.2	437.5	427.5	417.6	401.2	367.3	363.6	351.6	346.8	340.3
30°	468.6	465.5	467.9	463.1	450.5	440.2	416.6	411.1	406.0	397.8	392.0
32.5°	512.7	507.6	512.7	507.6	502.1	489.8	467.2	465.5	460.4	455.2	447.0
35°	566.8	564.7	568.8	573.3	568.8	552.4	525.0	519.9	517.8	509.6	506.6
37.5°	621.1	624.9	632.4	642.3	639.6	627.6	589.0	584.2	580.4	573.3	567.8
40°	679.6	680.0	696.0	710.4	717.6	710.4	659.4	655.7	650.6	640.3	638.9
42.5°	743.2	740.5	752.5	768.6	783.3	793.2	752.5	745.3	738.1	726.5	718.6
45°	799.7	799.7	809.3	824.3	846.9	871.8	850.6	843.1	836.3	826.7	817.8
47.5°	841.4	841.7	847.6	869.5	904.7	942.0	942.6	944.0	938.9	927.6	927.9
50°	870.8	867.1	874.9	896.1	936.8	995.3	1037.4	1039.8	1043.9	1034.7	1037.4
52.5°	892.4	890.7	895.8	913.6	954.3	1025.8	1115.0	1125.3	1131.5	1132.8	1144.1
55°	881.1	882.1	894.4	920.1	963.9	1045.9	1181.0	1197.8	1212.2	1224.5	1238.5
57.5°	843.8	846.9	868.4	908.4	965.9	1062.4	1251.2	1276.8	1303.8	1336.7	1364.4
60°	784.3	791.5	820.5	876.6	946.1	1040.8	1272.0	1311.4	1352.7	1402.7	1458.4
62.5°	697.1	698.4	717.6	772.0	848.6	926.2	1176.3	1226.5	1281.3	1353.4	1431.4
64°	577.7	590.0	598.9	658.8	727.2	824.0	1049.7	1084.6	1160.9	1249.5	1347.6
65°	476.8	491.5	498.7	558.5	636.9	729.2	939.6	976.9	1057.2	1147.2	1269.6
67.5°	281.2	271.2	292.1	327.3	393.0	502.4	633.8	662.2	722.0	829.1	926.9
70°	181.3	181.3	200.4	236.3	297.2	381.0	435.4	423.4	436.1	477.5	546.6
72.5°	116.3	122.4	134.1	164.5	221.0	319.5	445.0	388.6	359.1	345.5	344.8
75°	53.0	56.4	69.1	87.2	118.0	208.3	448.8	424.1	397.1	371.1	350.9
77.5°	11.3	13.0	21.9	45.1	57.5	96.1	318.4	355.4	384.8	393.3	393.3
80°	5.8	6.2	9.2	21.2	24.6	32.5	122.8	161.4	199.1	248.7	300.6
82.5°	2.4	2.7	5.5	9.6	10.3	9.9	32.5	41.0	56.4	82.1	122.4
85°	0.7	0.7	2.4	3.8	5.5	4.4	7.2	8.2	10.6	15.4	29.4
87.5°	0.0	0.0	0.3	0.7	1.0	1.7	2.1	2.1	2.1	2.1	2.1
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
2.5°	42.1	42.1	41.7	41.4	41.4	40.7	40.7	40.4	40.4	40.0	40.0
5°	50.6	49.9	49.3	48.2	47.9	47.2	46.5	45.8	45.1	44.8	44.1
7.5°	62.9	62.3	60.2	58.8	57.1	56.1	54.7	53.7	52.7	52.0	50.6
10°	79.4	77.0	75.9	71.1	70.1	67.7	65.7	64.3	61.6	59.9	58.1
12.5°	102.6	98.2	96.5	88.2	85.9	82.4	80.0	76.6	73.5	71.5	68.4
15°	128.9	125.5	119.0	110.8	106.4	102.6	96.8	94.1	90.0	85.5	81.1
17.5°	160.4	154.3	147.1	136.5	131.0	125.2	119.7	113.9	107.1	103.0	98.2
20°	197.0	190.5	181.6	168.3	161.8	156.0	146.4	142.3	134.1	125.9	119.7
22.5°	237.0	230.5	222.0	206.9	198.4	188.8	180.9	173.8	164.2	156.0	148.8
25°	282.2	274.7	268.2	250.7	240.1	230.2	221.6	209.0	200.8	191.2	181.3
27.5°	333.5	324.6	316.0	296.9	287.0	276.0	265.8	252.4	244.6	228.8	219.6
30°	386.2	375.2	366.3	346.8	337.9	326.6	312.6	300.6	287.3	276.7	261.7
32.5°	441.6	432.7	425.5	405.0	393.7	379.7	367.0	354.3	342.7	325.6	311.9
35°	500.7	492.9	485.0	467.2	457.3	446.7	432.3	416.9	400.9	383.1	370.8
37.5°	563.0	556.8	550.7	529.1	517.5	506.2	489.8	474.4	460.0	441.2	420.4
40°	628.3	622.5	612.6	594.8	582.5	572.2	557.2	542.8	523.3	502.4	484.0
42.5°	710.4	697.8	689.2	669.7	656.7	645.4	632.1	610.5	594.1	569.1	551.4
45°	806.5	794.5	780.5	760.7	744.6	726.1	707.3	692.6	672.1	649.5	626.6
47.5°	914.6	905.0	888.6	869.1	853.0	834.6	812.3	793.5	768.6	742.2	711.1
50°	1033.6	1023.7	1012.8	990.9	974.8	957.4	939.9	917.7	895.1	863.6	831.5
52.5°	1144.1	1146.2	1139.7	1129.4	1121.5	1103.4	1087.3	1066.1	1046.3	1017.6	992.6
55°	1253.2	1271.0	1277.8	1287.8	1291.2	1276.5	1276.1	1245.0	1233.0	1216.3	1201.9
57.5°	1397.2	1436.5	1467.7	1527.9	1553.2	1578.8	1583.6	1561.7	1584.3	1555.2	1565.2
60°	1519.7	1591.8	1669.1	1824.8	1902.7	1961.6	2008.8	2043.7	2066.2	2104.5	2106.6
62.5°	1530.6	1644.2	1761.8	1988.9	2095.6	2184.9	2270.1	2329.6	2376.8	2420.2	2430.8
64°	1478.3	1618.9	1761.8	2036.5	2145.6	2244.8	2322.4	2381.6	2429.8	2456.8	2474.6
65°	1383.2	1540.5	1705.0	2005.0	2117.5	2222.9	2297.1	2356.6	2402.1	2429.1	2447.6
67.5°	1024.7	1176.9	1342.1	1691.4	1868.5	1965.0	2060.1	2143.5	2180.1	2214.3	2220.8
70°	624.6	735.0	848.9	1172.8	1337.4	1510.8	1617.8	1739.9	1825.4	1878.1	1895.6
72.5°	376.9	415.2	483.3	657.4	815.1	936.8	1084.9	1201.6	1297.3	1350.4	1377.0
75°	335.5	330.7	339.6	412.2	468.2	541.4	595.1	668.3	727.5	746.0	780.5
77.5°	387.9	374.2	360.2	346.5	343.7	336.9	326.0	328.7	302.7	277.7	278.4
80°	345.5	378.3	397.8	383.4	350.9	318.1	277.7	227.5	177.9	147.1	134.1
82.5°	173.4	246.6	317.1	386.8	382.1	353.0	308.5	253.4	196.3	150.8	120.4
85°	53.4	94.7	133.4	185.4	215.1	211.0	185.4	180.3	128.6	100.2	77.3
87.5°	2.4	2.4	2.4	2.1	2.4	2.4	2.4	2.7	2.7	3.1	3.1
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°	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
2.5°	40.0	39.7	39.3	39.0	39.0	39.0	38.6	38.6	38.3	38.3	38.0
5°	44.1	43.4	43.1	42.4	42.4	41.7	41.4	41.0	40.4	40.0	39.7
7.5°	49.6	48.9	47.9	46.9	46.5	45.5	44.5	43.8	43.1	42.4	41.7
10°	56.8	55.4	53.4	52.0	51.0	49.6	48.2	47.2	45.8	44.5	43.8
12.5°	66.0	63.3	61.2	58.8	56.8	54.7	52.3	51.0	49.6	47.5	46.2
15°	76.6	73.9	71.5	67.4	64.0	61.2	59.2	56.1	53.7	51.0	48.9
17.5°	94.7	87.6	82.8	78.7	75.2	70.1	66.0	62.6	59.5	56.1	53.7
20°	112.5	106.4	99.9	95.1	87.6	83.1	77.6	72.9	67.4	63.3	59.2
22.5°	138.5	130.7	122.4	115.3	105.0	98.8	91.7	85.5	78.7	71.8	67.4
25°	171.4	159.7	148.8	138.5	128.9	119.7	110.5	100.6	93.4	85.2	77.6
27.5°	205.9	192.9	182.3	169.0	156.7	145.4	133.7	123.1	110.8	100.2	91.3
30°	249.3	231.6	219.2	203.2	190.9	175.1	160.8	146.7	131.7	119.4	106.7
32.5°	293.5	281.5	260.6	246.9	228.5	209.7	194.6	178.5	160.1	144.0	128.6
35°	351.6	331.1	313.6	294.5	274.3	254.8	235.3	212.4	193.6	173.8	154.9
37.5°	402.9	382.1	361.9	336.9	314.0	293.5	269.9	245.9	223.7	200.1	177.5
40°	462.4	436.4	412.5	389.2	360.8	336.6	311.9	282.2	256.5	230.5	203.9
42.5°	527.4	501.1	472.7	446.0	414.9	385.1	354.7	324.9	296.2	264.7	233.6
45°	598.6	570.9	539.0	508.6	474.7	441.9	405.7	371.5	337.6	302.4	266.4
47.5°	686.8	651.2	621.8	583.9	541.8	507.2	462.8	423.8	385.1	344.1	303.7
50°	801.0	760.7	718.3	676.2	629.7	585.9	536.7	490.5	438.8	393.0	346.8
52.5°	952.6	922.5	873.2	825.0	768.2	712.5	644.7	584.9	518.5	460.0	403.6
55°	1167.7	1147.9	1105.1	1052.4	1002.8	921.4	843.5	750.4	664.2	580.1	500.7
57.5°	1557.3	1535.7	1488.2	1475.5	1399.3	1339.4	1248.1	1127.7	981.6	853.0	724.8
60°	2118.2	2076.2	2029.6	2021.1	1931.5	1868.5	1777.9	1649.6	1512.1	1306.9	1132.1
62.5°	2431.5	2418.9	2381.2	2335.1	2257.4	2164.1	2062.1	1938.0	1798.4	1618.5	1410.6
64°	2473.6	2462.0	2429.5	2377.5	2299.5	2206.8	2093.9	1970.1	1830.2	1666.1	1476.2
65°	2447.3	2430.8	2403.1	2355.3	2282.7	2193.8	2080.3	1954.7	1812.8	1654.8	1478.3
67.5°	2234.9	2227.3	2202.0	2157.6	2112.1	2032.0	1932.2	1820.0	1704.0	1547.4	1402.7
70°	1897.6	1892.1	1860.0	1842.2	1767.0	1716.3	1635.6	1547.4	1444.8	1335.6	1212.5
72.5°	1406.8	1388.3	1362.3	1335.3	1284.3	1214.9	1152.0	1057.9	1004.9	912.9	843.5
75°	746.0	734.3	694.0	637.6	574.6	542.1	476.8	418.3	371.8	350.9	300.6
77.5°	257.9	235.0	212.4	187.1	148.4	117.0	93.4	74.6	58.8	52.0	43.4
80°	128.6	122.1	114.9	100.6	84.5	68.1	53.4	42.1	34.5	29.4	26.3
82.5°	104.3	92.3	82.4	72.2	57.8	47.5	37.6	30.8	25.3	22.2	19.5
85°	61.6	47.2	35.9	32.5	25.3	21.9	18.8	16.1	13.7	13.0	12.0
87.5°	2.4	3.1	3.1	2.4	3.1	2.7	2.7	2.4	2.4	2.4	2.4
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
2.5°	38.0	37.6	37.6	37.3	36.9	36.9	36.9	36.6	35.9	34.5	33.5
5°	39.3	39.0	38.6	38.0	37.6	37.3	36.9	36.9	35.2	32.8	31.1
7.5°	41.0	40.4	39.7	39.0	38.6	38.0	37.3	36.9	34.5	31.5	29.8
10°	42.8	41.7	40.7	40.4	39.3	38.6	37.6	36.9	34.2	30.4	28.0
12.5°	44.8	43.4	42.1	41.0	39.7	39.0	38.0	36.9	33.5	29.4	26.7
15°	47.2	45.1	43.4	42.4	41.0	39.3	38.0	36.9	32.8	28.4	25.3
17.5°	50.3	47.9	45.8	43.8	41.7	40.0	38.6	37.3	31.8	27.0	23.6
20°	55.1	52.0	48.6	46.2	43.4	41.4	39.0	37.3	31.1	25.7	22.2
22.5°	61.6	56.8	53.0	48.9	45.5	42.8	40.0	38.0	30.1	24.3	20.5
25°	70.8	64.6	58.5	53.4	48.9	45.1	41.7	39.0	29.4	23.3	19.5
27.5°	81.1	73.9	65.7	59.5	53.4	47.9	44.1	40.7	29.4	22.6	18.5
30°	95.4	85.2	75.2	67.4	59.2	53.0	47.5	43.1	29.4	22.2	17.4
32.5°	112.9	101.2	88.6	77.3	67.7	58.8	52.0	46.2	30.1	21.5	16.8
35°	137.2	120.1	105.0	91.0	78.3	68.1	59.2	51.3	31.1	21.2	15.7
37.5°	156.3	135.8	116.6	100.6	85.9	73.2	61.9	53.4	30.1	19.8	14.7
40°	179.2	156.0	132.7	112.5	95.8	79.4	66.4	56.1	29.4	18.1	13.3
42.5°	206.9	177.9	150.8	127.9	107.1	87.6	72.2	59.5	29.4	17.1	12.3
45°	232.9	201.1	171.0	142.3	118.0	96.5	77.6	63.3	29.1	16.1	10.9
47.5°	265.1	227.5	192.2	159.0	131.0	104.7	83.5	66.7	28.7	15.0	9.9
50°	303.0	257.2	217.5	177.9	143.7	114.6	90.3	70.5	28.0	14.0	8.9
52.5°	345.1	295.9	245.2	199.4	159.4	125.2	96.8	73.9	27.0	13.0	7.9
55°	419.7	352.0	292.1	235.3	183.3	140.9	106.4	79.0	26.0	12.0	6.8
57.5°	598.6	486.4	401.5	316.0	241.5	180.9	132.4	93.7	24.6	10.6	5.5
60°	939.9	754.9	610.9	479.2	365.3	277.7	195.0	138.5	26.3	8.9	4.8
62.5°	1205.7	992.9	809.6	644.4	500.4	380.3	283.9	206.9	38.0	7.9	3.8
64°	1275.1	1059.6	864.0	690.9	541.1	417.3	316.7	234.0	48.9	7.9	3.4
65°	1285.4	1080.1	883.5	708.0	555.1	427.2	326.3	242.8	53.4	8.2	3.1
67.5°	1243.0	1068.2	889.3	715.2	565.7	440.9	339.3	256.9	60.2	7.9	2.4
70°	1085.6	957.0	809.9	669.0	533.6	419.0	326.3	249.0	62.9	7.5	2.1
72.5°	738.8	650.2	563.3	463.5	371.5	306.1	238.1	175.5	44.1	6.2	1.7
75°	246.3	240.1	214.8	162.8	136.8	111.2	88.9	68.4	16.8	3.8	1.7
77.5°	41.0	35.2	30.8	29.4	24.6	23.9	20.9	16.8	7.2	2.4	1.7
80°	23.9	21.9	19.2	17.1	15.0	13.3	11.3	9.6	4.4	1.7	2.1
82.5°	17.8	15.7	14.0	12.3	10.6	9.2	7.9	6.5	2.4	1.7	2.1
85°	10.3	8.9	7.9	6.8	5.5	4.8	4.1	3.4	1.7	1.7	1.7
87.5°	2.1	2.1	1.7	1.7	1.7	1.7	1.7	1.4	1.7	1.7	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°	36.6	36.6	36.6	36.6	36.6	36.6	36.6
2.5°	32.8	31.8	31.5	31.5	31.5	31.5	31.5
5°	30.1	29.1	28.4	28.0	28.0	28.0	28.0
7.5°	28.0	26.7	26.0	25.3	25.3	25.0	25.0
10°	26.0	24.6	23.6	22.9	22.6	22.6	22.6
12.5°	24.3	22.9	21.5	20.9	20.9	20.5	20.5
15°	22.9	20.9	19.8	19.2	19.2	18.8	18.8
17.5°	21.2	19.5	18.5	17.8	17.4	17.4	17.4
20°	19.5	17.8	16.8	16.4	16.1	16.1	15.7
22.5°	18.1	16.4	15.4	15.0	14.7	14.7	14.4
25°	16.8	15.0	14.0	13.7	13.3	13.0	13.0
27.5°	15.7	14.0	13.0	12.3	12.0	11.6	11.6
30°	14.7	12.7	11.6	10.9	10.6	10.3	10.3
32.5°	13.7	11.6	10.3	9.6	9.2	8.9	8.9
35°	12.3	10.3	8.9	8.6	8.2	7.9	7.5
37.5°	11.3	8.9	7.9	7.2	6.8	6.5	6.5
40°	9.9	7.9	6.8	6.2	5.5	5.1	5.1
42.5°	8.9	6.8	5.8	4.8	4.4	4.1	4.1
45°	7.9	6.2	4.8	3.8	3.4	3.1	3.1
47.5°	6.8	5.1	3.8	3.1	2.7	2.4	2.4
50°	5.8	4.1	2.7	2.1	2.4	2.1	2.1
52.5°	5.1	3.1	2.1	2.1	2.1	2.1	2.1
55°	4.1	2.4	1.7	1.7	2.1	2.1	2.1
57.5°	3.4	1.7	1.4	1.7	1.7	1.7	1.7
60°	2.4	1.4	1.4	1.7	1.7	1.7	1.7
62.5°	2.1	1.4	1.4	1.4	1.7	1.7	1.7
64°	1.7	1.4	1.4	1.4	1.7	1.7	1.7
65°	1.7	1.4	1.4	1.4	1.7	1.7	1.7
67.5°	1.7	1.4	1.4	1.4	1.7	1.7	1.7
70°	1.4	1.4	1.4	1.4	1.7	1.7	1.7
72.5°	1.4	1.4	1.4	1.4	1.7	1.7	1.7
75°	1.4	1.4	1.4	1.4	1.7	1.7	1.7
77.5°	1.4	1.4	1.4	1.7	1.7	1.7	1.7
80°	1.4	1.4	1.4	1.7	1.7	1.7	1.7
82.5°	1.4	1.4	1.4	1.7	1.7	1.7	1.7
85°	1.4	1.4	1.4	1.7	1.7	1.7	1.7
87.5°	1.4	1.4	1.4	1.7	1.7	1.7	1.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)