

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: P155236

Luminaire Tested: **AVM-F01-LED-E-U-T3-HSS-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P155236
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33724)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: AVM-F01-LED-E-U-T3-HSS-7050
Description: VISION SITE MEDIUM LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 AREA W/ HOUSE SIDE SHIELD
Light Source: (7) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1381 lumens
Efficiency: N/A
Efficacy: 53.3 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

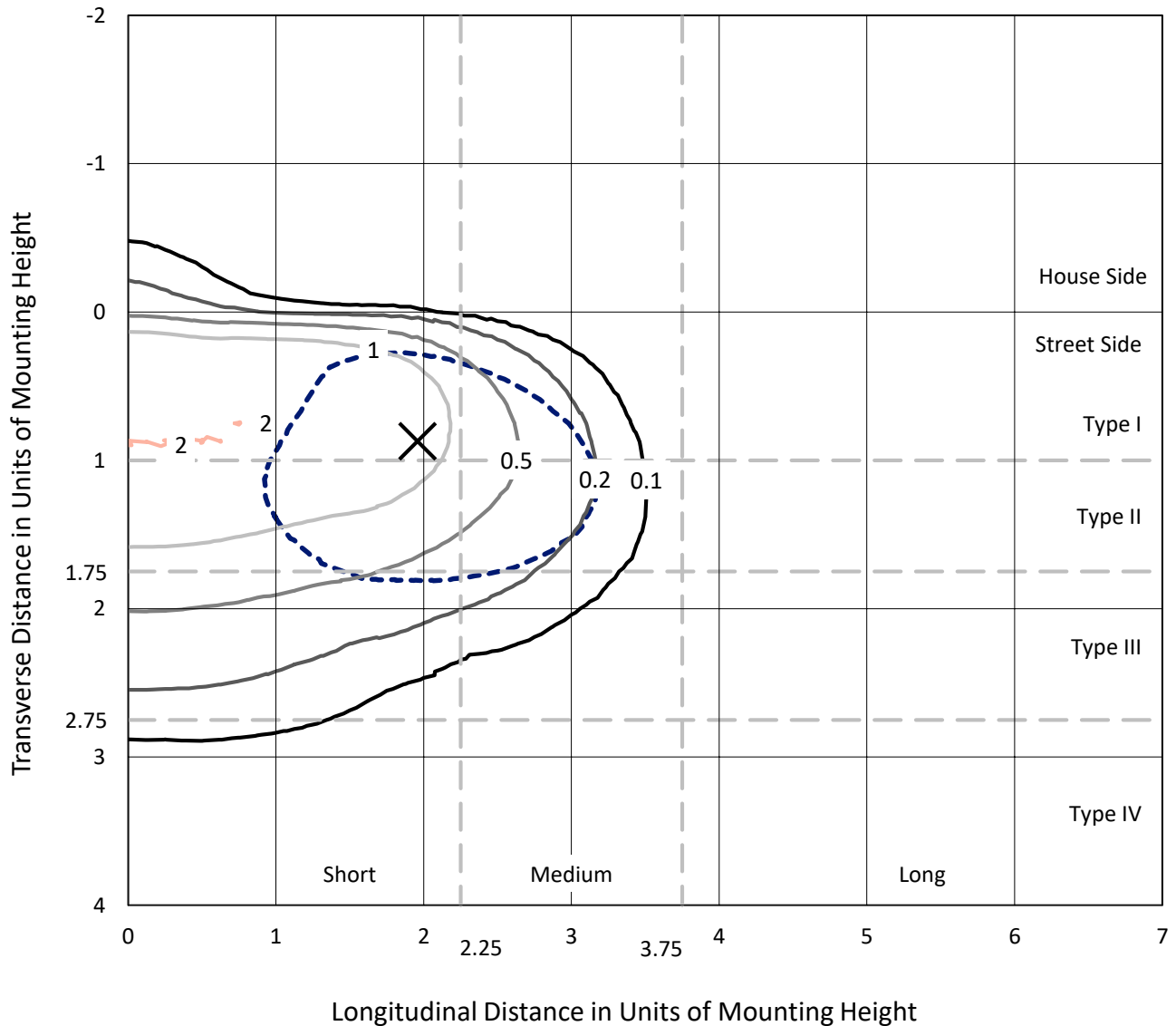
Input Watts (W): 25.9
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

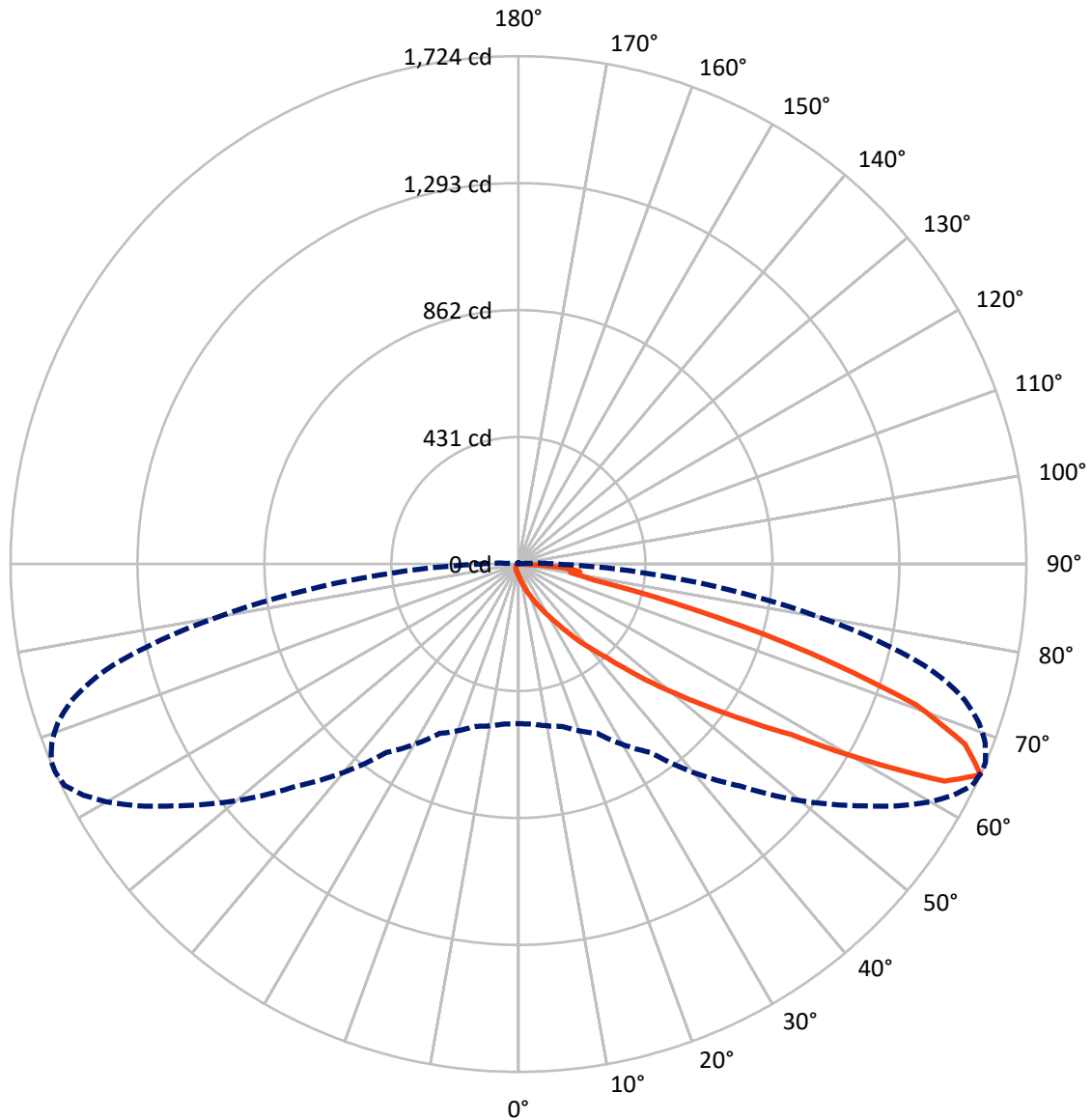
× Max cd
 - - - 1/2 Max cd



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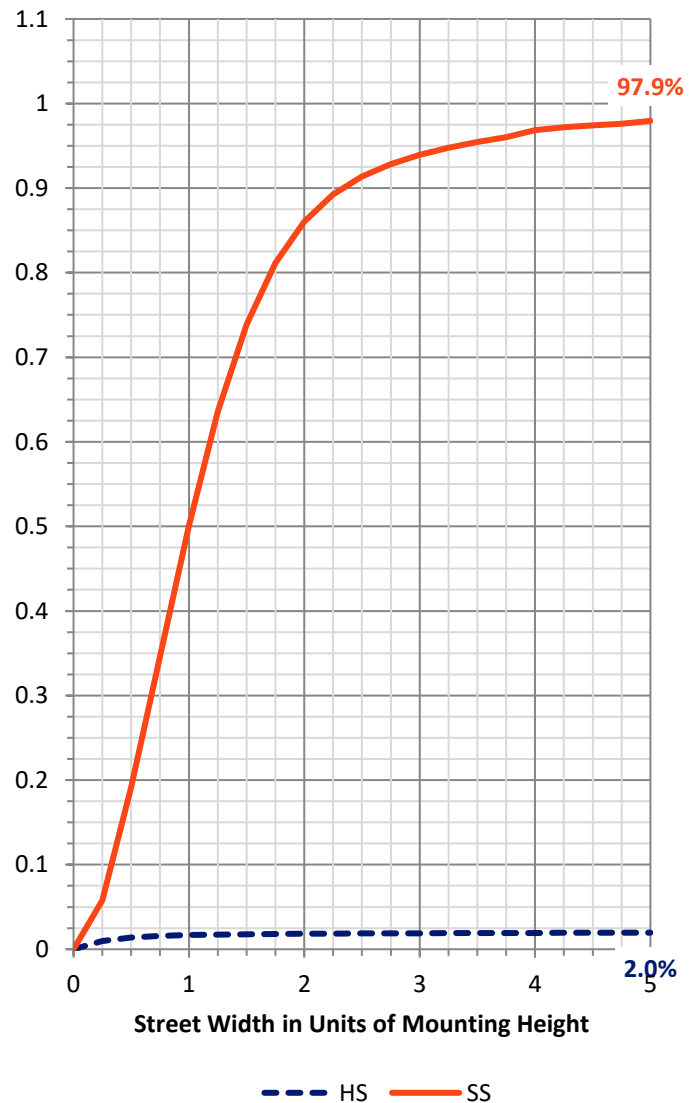
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	27.7	0.0	27.7
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	1353.3	0.0	1353.3
	% Fixture	98.0	0.0	98.0
Total	Lumens	1381.0	0.0	1381.0
	% 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°	51.3	3.7
30°-40°	97.6	7.1
40°-50°	195.9	14.2
50°-60°	346.6	25.1
60°-70°	452.8	32.8
70°-80°	186.2	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°	1381.0	100.0
0°-180°	1381.0	100.0



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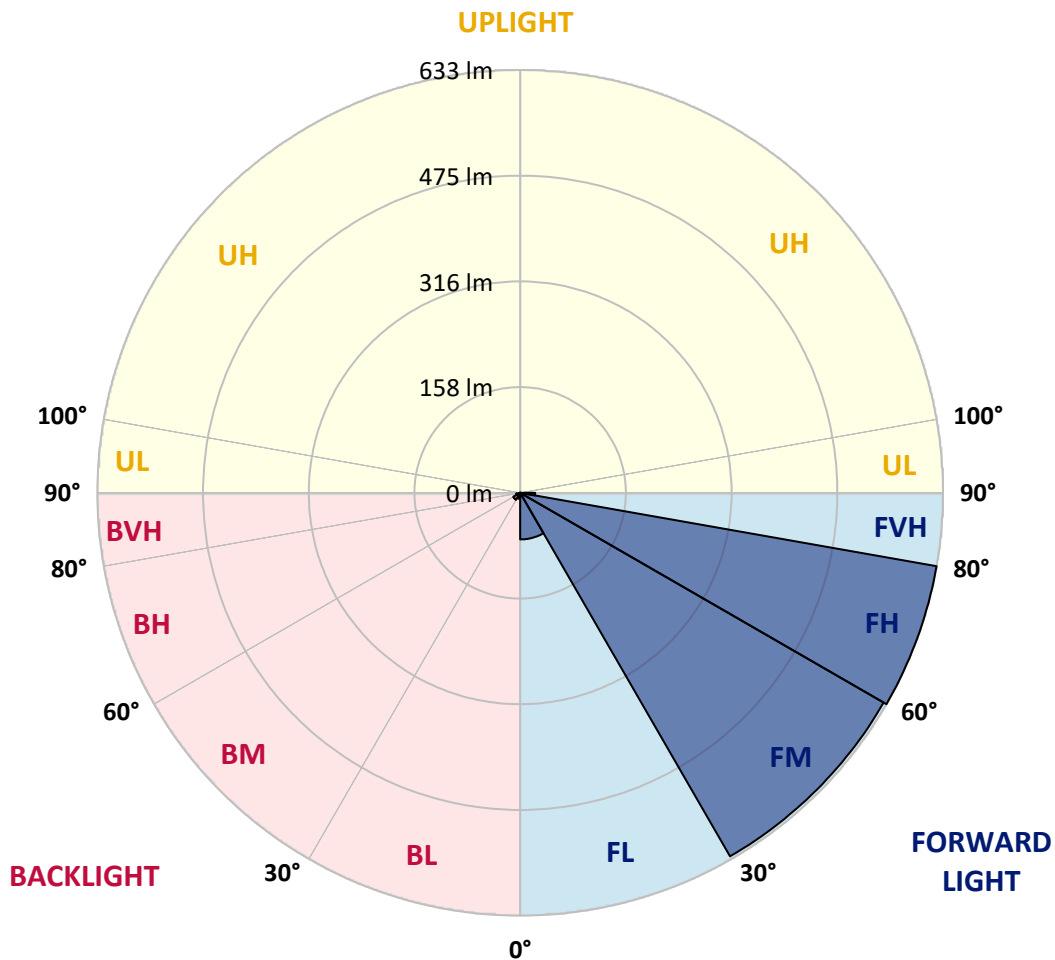
CATALOG NUMBER: AVM-F01-LED-E-U-T3-HSS-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	69.8	5.1			
FM	(30°-60°)	628.2	45.5			
FH	(60°-80°)	632.9	45.8			G0/660
FVH	(80°-90°)	22.4	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°)	1.1	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 III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
2.5°	50.8	50.0	50.3	48.6	47.4	46.0	44.9	44.6	44.3	43.8	44.0
5°	73.1	72.3	70.3	66.9	63.8	59.0	54.2	53.9	53.1	52.2	51.7
7.5°	101.6	100.2	98.0	92.3	84.7	76.2	66.6	65.8	64.7	63.5	62.4
10°	134.7	133.8	129.6	123.1	111.5	97.7	81.6	80.8	78.2	76.8	75.7
12.5°	169.4	165.7	164.1	152.8	139.5	120.6	100.0	96.8	94.9	92.9	90.1
15°	195.7	196.2	192.3	183.3	167.7	145.7	120.0	116.6	113.8	110.1	106.7
17.5°	219.4	218.3	214.0	208.4	193.7	171.4	141.5	136.9	132.4	130.4	125.6
20°	238.6	238.0	234.6	229.3	218.0	196.5	164.1	160.4	155.3	151.9	146.5
22.5°	253.8	253.8	251.9	248.8	237.7	220.5	188.1	184.1	179.0	174.8	168.9
25°	266.0	265.7	266.0	264.6	257.2	241.4	212.6	208.1	203.9	198.8	193.1
27.5°	279.8	280.4	279.8	279.0	275.9	263.2	237.5	234.4	229.6	224.2	218.5
30°	301.3	299.6	299.3	298.7	295.1	287.2	263.2	259.5	255.8	252.1	248.2
32.5°	323.9	321.0	320.2	320.2	317.7	310.6	292.8	290.8	285.5	282.6	279.3
35°	349.6	348.4	347.3	347.6	346.5	339.1	324.4	325.0	323.3	317.7	314.3
37.5°	387.1	387.4	385.4	381.7	381.7	375.3	366.8	365.7	361.4	360.0	358.0
40°	440.8	439.3	437.7	432.3	430.3	419.3	411.4	408.6	405.2	404.9	402.6
42.5°	502.9	501.2	501.2	497.2	493.3	480.0	465.0	463.1	459.4	460.5	459.7
45°	560.5	561.9	563.9	566.7	567.3	561.6	539.9	537.3	535.4	534.2	533.4
47.5°	610.2	612.7	619.2	631.4	646.9	648.9	631.6	624.9	623.4	621.5	619.8
50°	645.8	649.4	664.1	687.8	718.0	736.7	727.4	721.7	721.4	716.1	715.5
52.5°	666.1	670.0	694.0	729.9	776.8	813.2	824.8	824.5	823.9	819.1	817.1
55°	670.6	674.8	703.6	752.5	819.4	882.4	926.7	927.8	930.4	929.0	929.0
57.5°	658.2	663.5	694.9	755.3	841.7	937.1	1034.0	1040.5	1043.6	1054.6	1067.3
60°	635.3	639.3	670.6	738.1	845.7	987.1	1173.5	1194.1	1210.2	1231.9	1252.5
62.5°	593.0	600.9	630.8	704.2	833.8	1044.7	1340.1	1378.2	1409.5	1442.6	1482.4
65°	541.6	545.0	570.4	634.5	780.7	1066.8	1432.1	1469.4	1509.5	1544.8	1580.4
67.5°	477.2	480.0	502.0	529.4	644.3	963.7	1341.5	1382.7	1418.9	1447.9	1494.5
70°	312.6	318.8	372.7	399.8	450.4	712.4	1097.0	1136.8	1164.4	1184.2	1238.1
72.5°	229.0	232.9	254.7	310.6	323.0	421.0	772.0	815.2	825.3	862.6	887.7
75°	139.8	149.7	198.8	266.0	314.8	288.3	462.5	483.4	506.8	533.9	557.9
77.5°	28.2	32.2	64.9	183.3	277.0	308.1	276.1	280.1	291.7	294.2	303.3
80°	4.5	4.8	8.5	79.1	160.4	249.0	276.1	272.5	266.0	261.5	256.9
82.5°	2.0	2.3	3.7	20.0	34.2	83.0	238.9	257.5	279.0	290.8	293.9
85°	0.8	0.8	1.4	4.0	5.1	5.6	40.4	53.4	95.2	126.5	145.7
87.5°	0.6	0.6	0.8	0.8	1.1	1.4	2.0	2.0	2.3	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°	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
2.5°	44.0	43.8	43.8	42.9	42.9	42.6	42.6	42.4	42.4	41.8	42.1
5°	51.4	50.8	50.3	49.4	49.1	48.6	48.0	47.2	46.9	46.3	46.0
7.5°	61.3	60.7	59.6	57.9	56.8	55.6	54.5	53.4	52.5	51.7	51.1
10°	73.4	71.7	71.2	67.8	66.4	64.1	62.7	61.6	59.9	58.4	57.6
12.5°	88.1	86.7	83.9	79.3	77.1	75.1	72.6	70.3	68.6	66.1	64.4
15°	103.3	102.2	98.3	93.2	90.4	86.7	84.1	81.9	78.2	76.5	73.4
17.5°	122.5	119.2	115.2	107.9	104.2	101.1	96.6	93.2	90.9	85.8	83.0
20°	142.3	138.6	133.6	125.4	120.3	115.5	111.8	107.3	102.5	99.1	94.3
22.5°	164.9	159.0	155.0	144.8	138.9	133.8	127.6	122.8	118.0	112.7	107.3
25°	188.9	183.0	178.2	166.6	160.4	155.3	148.0	141.2	135.2	129.3	123.1
27.5°	214.0	208.7	203.3	191.4	186.1	179.0	172.2	164.3	156.7	151.3	142.9
30°	243.1	238.6	232.7	220.0	214.0	206.7	199.6	190.3	183.0	175.6	167.4
32.5°	274.5	270.8	264.6	253.3	246.2	240.0	232.4	223.3	212.9	205.3	195.7
35°	312.6	306.4	302.7	292.0	286.6	279.8	271.9	264.0	253.0	242.3	234.1
37.5°	356.1	353.2	348.4	338.3	334.3	327.3	322.2	314.3	305.8	292.2	283.5
40°	400.7	398.7	394.5	384.3	380.3	375.5	369.6	362.0	351.8	344.8	331.8
42.5°	457.4	454.3	450.9	441.3	433.7	427.8	425.2	418.7	408.0	399.0	388.8
45°	529.4	528.0	523.5	513.9	506.3	502.3	498.4	487.4	480.3	471.3	464.2
47.5°	616.4	611.9	609.6	598.9	596.3	593.2	583.1	576.9	566.7	559.6	550.9
50°	710.4	705.6	705.9	692.9	693.5	691.2	683.6	676.2	667.5	661.3	655.9
52.5°	811.5	813.8	808.1	812.1	807.5	802.5	801.1	792.0	784.4	784.1	776.8
55°	935.7	932.1	933.5	937.4	931.2	936.9	934.0	922.5	922.7	925.0	916.5
57.5°	1069.3	1074.7	1086.2	1088.8	1099.5	1092.2	1111.4	1097.5	1106.0	1106.0	1100.4
60°	1265.2	1286.7	1314.7	1336.4	1356.5	1350.0	1375.1	1359.3	1370.6	1361.0	1356.2
62.5°	1501.3	1529.8	1562.9	1598.1	1618.5	1623.6	1619.9	1626.9	1615.9	1608.9	1590.5
65°	1614.8	1643.0	1671.8	1714.2	1719.8	1724.1	1722.4	1710.5	1697.0	1676.9	1652.9
67.5°	1520.5	1560.0	1576.1	1625.0	1641.4	1635.4	1637.4	1622.1	1601.0	1581.2	1545.9
70°	1260.7	1305.9	1314.4	1384.4	1403.9	1432.1	1422.0	1417.4	1394.3	1377.6	1338.7
72.5°	917.9	953.2	950.4	1029.2	1025.8	1037.4	1064.8	1063.6	1039.4	1034.0	1001.2
75°	565.0	586.2	585.0	641.0	617.5	614.1	621.8	618.4	595.5	571.8	551.4
77.5°	299.3	308.9	298.7	282.1	280.4	261.5	256.1	255.8	238.3	216.9	201.0
80°	252.1	242.3	230.4	206.1	192.0	179.3	167.4	156.4	144.6	128.8	109.6
82.5°	294.5	289.7	281.2	250.7	236.1	210.6	191.7	173.9	152.2	135.8	111.2
85°	143.4	143.2	149.9	146.8	141.5	140.3	121.7	117.7	109.0	100.0	83.6
87.5°	4.0	2.8	3.4	2.8	3.4	3.7	2.5	5.9	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°	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
2.5°	41.8	41.5	41.2	41.2	40.9	40.9	40.7	40.4	40.4	40.1	40.1
5°	45.5	44.9	44.6	44.3	43.8	43.5	42.9	42.6	42.1	41.8	41.2
7.5°	50.0	49.4	48.3	47.7	46.9	46.6	45.2	44.6	44.0	43.5	42.6
10°	55.6	54.2	53.1	52.0	50.5	49.4	48.3	47.4	46.3	44.9	44.3
12.5°	62.7	60.7	59.0	57.0	55.3	53.6	51.7	50.3	48.6	47.2	45.7
15°	70.6	67.8	65.5	62.7	59.9	57.9	55.9	53.9	51.7	49.7	48.0
17.5°	79.6	76.0	72.8	69.5	66.4	63.5	60.1	57.6	55.1	52.2	50.0
20°	89.2	85.6	81.3	77.6	73.1	70.0	65.8	62.4	58.7	55.9	52.8
22.5°	101.9	97.1	91.8	86.7	81.9	77.1	72.6	68.3	63.8	59.6	56.5
25°	116.9	111.0	104.2	99.1	92.3	87.0	81.3	76.0	71.2	65.8	60.7
27.5°	135.5	127.6	120.3	113.2	105.9	99.1	91.8	85.6	79.1	72.8	67.2
30°	157.3	149.7	138.6	130.7	123.4	114.1	106.7	98.5	91.2	82.2	76.0
32.5°	186.1	176.2	164.6	154.2	144.6	134.1	124.0	113.5	103.9	95.7	86.4
35°	223.6	212.1	198.2	184.9	174.2	161.5	148.5	136.7	125.6	113.8	102.2
37.5°	271.1	260.3	245.4	229.3	214.9	199.6	186.1	169.4	154.7	140.3	125.6
40°	318.2	308.3	292.8	275.6	256.9	239.4	222.2	203.3	184.7	166.6	151.3
42.5°	376.4	361.7	345.0	325.6	307.5	286.6	265.1	243.4	221.1	199.3	177.6
45°	449.5	438.2	414.8	393.9	372.4	347.9	321.3	296.5	268.0	242.3	213.5
47.5°	538.5	518.1	500.9	481.7	454.9	431.2	397.3	367.9	332.3	298.2	263.7
50°	643.5	632.2	609.3	585.3	556.2	528.0	495.0	452.6	410.0	373.6	326.4
52.5°	766.3	750.2	735.8	711.0	681.3	645.2	607.6	561.6	509.4	458.0	407.7
55°	912.0	900.7	886.9	867.1	829.3	788.3	743.2	688.1	626.3	557.1	498.6
57.5°	1100.1	1088.2	1074.9	1034.3	1008.6	958.3	892.8	835.8	769.1	680.5	607.9
60°	1356.7	1340.6	1322.0	1289.0	1235.3	1170.1	1099.8	1015.4	933.8	836.9	741.8
62.5°	1576.1	1550.4	1510.6	1468.0	1403.6	1328.8	1240.4	1141.0	1048.1	939.1	833.2
65°	1621.3	1586.0	1539.1	1483.5	1417.2	1332.7	1240.4	1145.2	1036.0	933.5	827.0
67.5°	1503.8	1462.9	1414.9	1352.8	1289.5	1202.6	1122.9	1026.1	923.3	834.7	739.5
70°	1310.7	1250.0	1200.9	1134.8	1070.7	1002.4	918.5	845.9	762.4	680.8	607.9
72.5°	984.3	924.4	879.8	827.0	788.9	716.6	655.1	600.9	551.4	490.5	436.5
75°	530.6	485.7	455.7	431.7	397.6	349.8	320.5	283.2	262.3	236.9	212.3
77.5°	173.1	152.5	130.2	108.4	93.2	70.0	67.8	53.9	50.8	49.4	38.1
80°	88.7	68.3	49.4	35.6	27.1	24.0	22.9	21.7	20.6	19.8	18.4
82.5°	88.9	64.4	44.3	30.8	22.3	18.6	17.5	16.9	16.1	15.2	14.1
85°	64.9	48.0	33.0	22.6	15.5	12.4	11.9	11.0	10.4	10.2	9.0
87.5°	4.2	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°	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
2.5°	39.8	39.5	39.5	39.2	39.0	39.0	38.7	38.7	37.8	36.4	35.3
5°	40.9	40.4	40.1	39.8	39.5	39.0	38.7	38.4	37.0	34.2	31.9
7.5°	41.8	41.2	40.9	40.4	39.5	39.2	38.7	38.1	35.9	31.9	29.4
10°	43.2	42.4	41.5	40.7	39.8	39.2	38.4	37.8	34.4	29.9	27.4
12.5°	44.6	43.5	42.4	40.9	40.1	39.2	38.4	37.3	33.3	28.2	25.4
15°	46.3	44.6	43.2	41.8	40.4	39.2	37.8	37.0	32.2	26.8	24.3
17.5°	48.0	46.0	44.0	42.1	40.7	39.0	37.8	36.4	31.1	25.7	22.9
20°	50.0	47.2	45.2	42.9	40.9	39.0	37.3	35.9	29.9	24.3	21.5
22.5°	52.8	49.4	46.3	43.8	41.2	39.2	37.3	35.3	28.8	23.2	20.3
25°	56.5	52.2	48.6	45.5	42.4	39.8	37.6	35.6	28.0	22.3	18.9
27.5°	61.8	56.5	52.5	48.3	44.3	41.2	38.4	36.1	27.4	21.5	18.1
30°	68.3	63.0	56.8	51.7	47.4	43.2	40.1	36.7	26.8	20.6	16.9
32.5°	77.9	70.3	63.0	56.8	50.8	46.0	41.5	38.1	26.5	19.2	15.8
35°	91.8	81.3	72.6	64.4	56.2	50.3	44.9	40.4	26.3	18.1	14.7
37.5°	111.5	99.1	87.8	76.2	66.1	57.6	50.3	44.3	26.3	17.2	13.6
40°	132.7	116.6	102.2	87.8	74.8	64.1	54.2	46.9	25.7	16.1	12.4
42.5°	156.7	136.9	117.2	99.4	83.3	69.5	57.9	48.8	24.3	15.0	11.3
45°	188.9	162.9	139.2	116.3	95.4	77.4	62.7	51.1	22.9	14.1	10.2
47.5°	229.3	199.1	168.3	139.5	112.1	89.2	69.7	54.8	22.0	13.0	9.3
50°	289.4	246.5	205.8	169.1	134.4	104.5	80.2	60.1	21.2	12.1	8.5
52.5°	355.5	302.7	255.0	207.8	164.6	125.1	92.3	67.2	20.3	11.3	7.6
55°	436.0	371.0	312.9	251.6	196.2	149.1	107.3	75.1	19.2	10.4	7.1
57.5°	535.4	453.2	384.3	309.5	240.0	180.1	127.3	88.4	18.1	9.3	6.2
60°	646.3	553.4	466.7	378.9	294.8	221.4	157.0	107.3	16.9	8.2	5.4
62.5°	726.2	624.3	525.2	426.6	334.3	252.1	181.0	122.0	15.2	7.1	4.8
65°	725.4	622.0	522.4	425.2	335.4	253.3	181.8	124.8	13.6	6.2	4.2
67.5°	646.3	559.4	470.4	383.2	304.7	230.4	168.3	115.8	11.6	5.6	3.7
70°	531.7	462.5	392.2	323.0	260.1	197.4	145.4	100.8	9.9	5.1	3.1
72.5°	388.2	337.7	294.8	245.9	203.0	155.9	116.0	79.1	7.9	4.2	2.8
75°	192.9	172.5	148.0	132.7	113.2	92.6	72.0	46.0	6.5	3.4	2.5
77.5°	36.7	32.8	31.3	27.1	24.8	22.0	19.5	13.8	5.1	2.5	2.3
80°	16.9	15.5	14.1	12.7	11.3	9.6	8.5	7.3	4.0	2.0	2.5
82.5°	13.3	12.1	10.7	9.6	8.5	7.3	6.2	5.4	2.5	1.7	2.5
85°	8.8	7.6	6.8	5.9	5.1	4.5	4.0	3.4	1.7	1.7	1.7
87.5°	2.5	2.5	2.3	2.3	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



REPORT NUMBER: P155236

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CANDELA DISTRIBUTION (continued):

	125°	135°	145°	155°	165°	175°	180°
0°	38.4	38.4	38.4	38.4	38.4	38.4	38.4
2.5°	34.2	32.8	32.2	31.9	31.9	32.2	31.9
5°	30.2	28.8	28.2	27.7	27.7	27.7	28.0
7.5°	27.7	26.3	25.4	25.1	24.8	25.1	25.1
10°	25.4	24.3	23.2	22.6	22.6	22.6	22.6
12.5°	23.7	22.3	21.2	20.9	20.6	20.6	20.6
15°	22.3	20.6	19.8	19.2	18.9	18.9	19.2
17.5°	20.6	19.2	18.1	17.8	17.8	17.8	17.8
20°	19.5	17.8	16.9	16.4	16.4	16.4	16.4
22.5°	18.1	16.7	15.5	15.0	15.0	15.0	15.0
25°	16.9	15.5	14.4	13.8	13.8	13.8	13.8
27.5°	15.8	14.4	13.3	12.7	12.7	12.7	12.7
30°	14.7	13.3	12.1	11.6	11.6	11.6	11.6
32.5°	13.8	12.1	11.0	10.4	10.4	10.7	10.4
35°	12.4	11.0	9.9	9.3	9.3	9.3	9.3
37.5°	11.3	9.9	8.8	8.2	8.2	8.2	7.9
40°	10.4	8.8	7.6	7.1	6.8	6.8	6.8
42.5°	9.0	7.3	6.5	5.9	5.6	5.6	5.6
45°	8.2	6.5	5.4	4.8	4.8	4.8	4.8
47.5°	7.3	5.6	4.5	4.0	4.0	4.2	4.2
50°	6.5	4.8	3.7	3.7	3.7	4.0	4.0
52.5°	5.6	4.2	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°	4.5	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	2.3	2.3	2.5	3.1	3.4	3.4
80°	2.5	2.3	2.3	2.5	2.8	3.4	3.4
82.5°	2.0	2.0	2.3	2.5	2.8	3.1	3.1
85°	1.7	2.0	2.0	2.3	2.5	3.1	3.1
87.5°	1.4	1.4	1.7	2.0	2.3	2.5	2.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)