

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: P155239

Luminaire Tested: **AVM-E02-LED-E-U-T3-HSS-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P155239
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-E02-LED-E-U-T3-HSS-7030
Description: VISION SITE MEDIUM LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 AREA W/ HOUSE SIDE SHIELD
Light Source: (42) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2978.1 lumens
Efficiency: N/A
Efficacy: 57.2 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

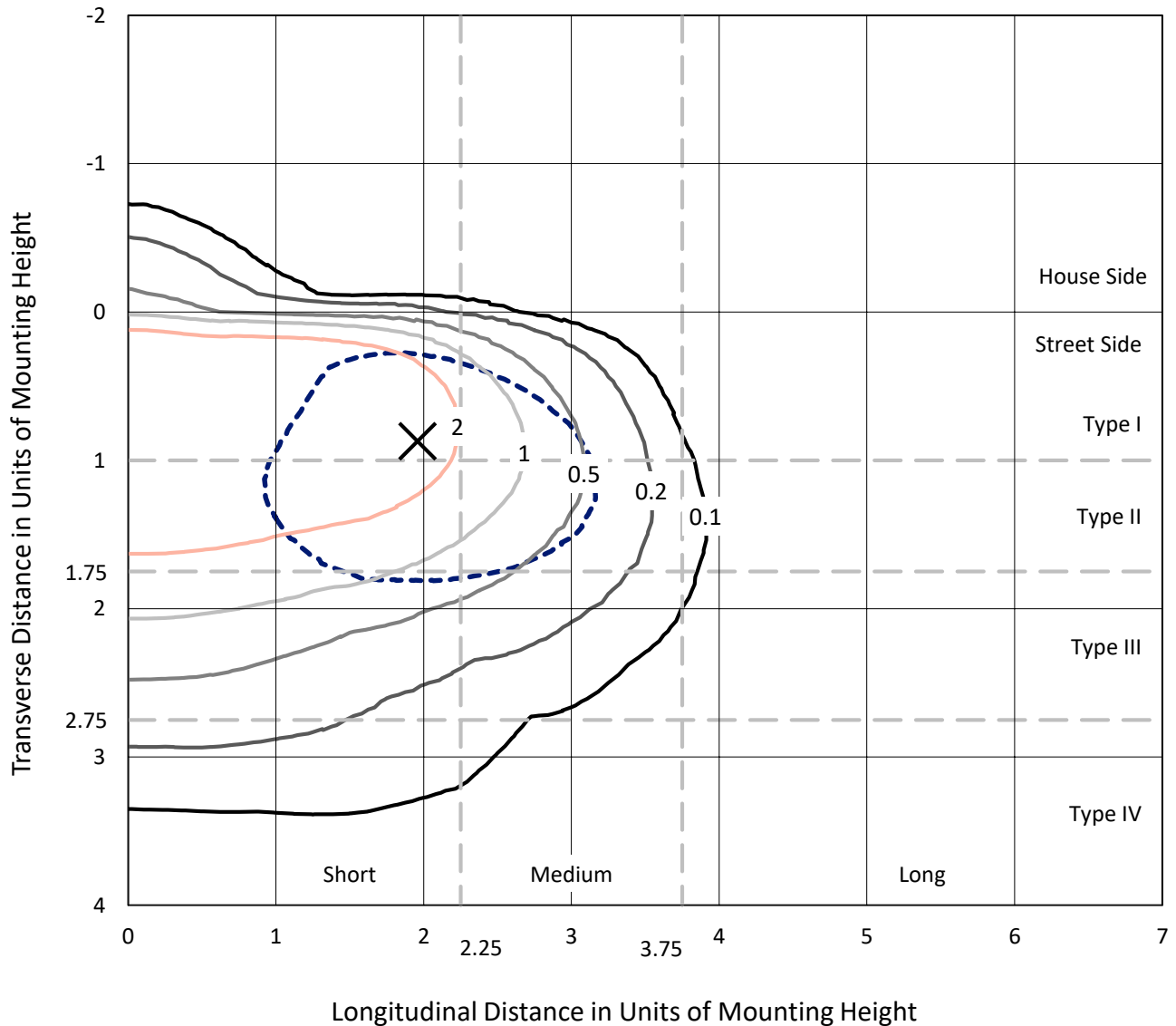
Input Watts (W): 52.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

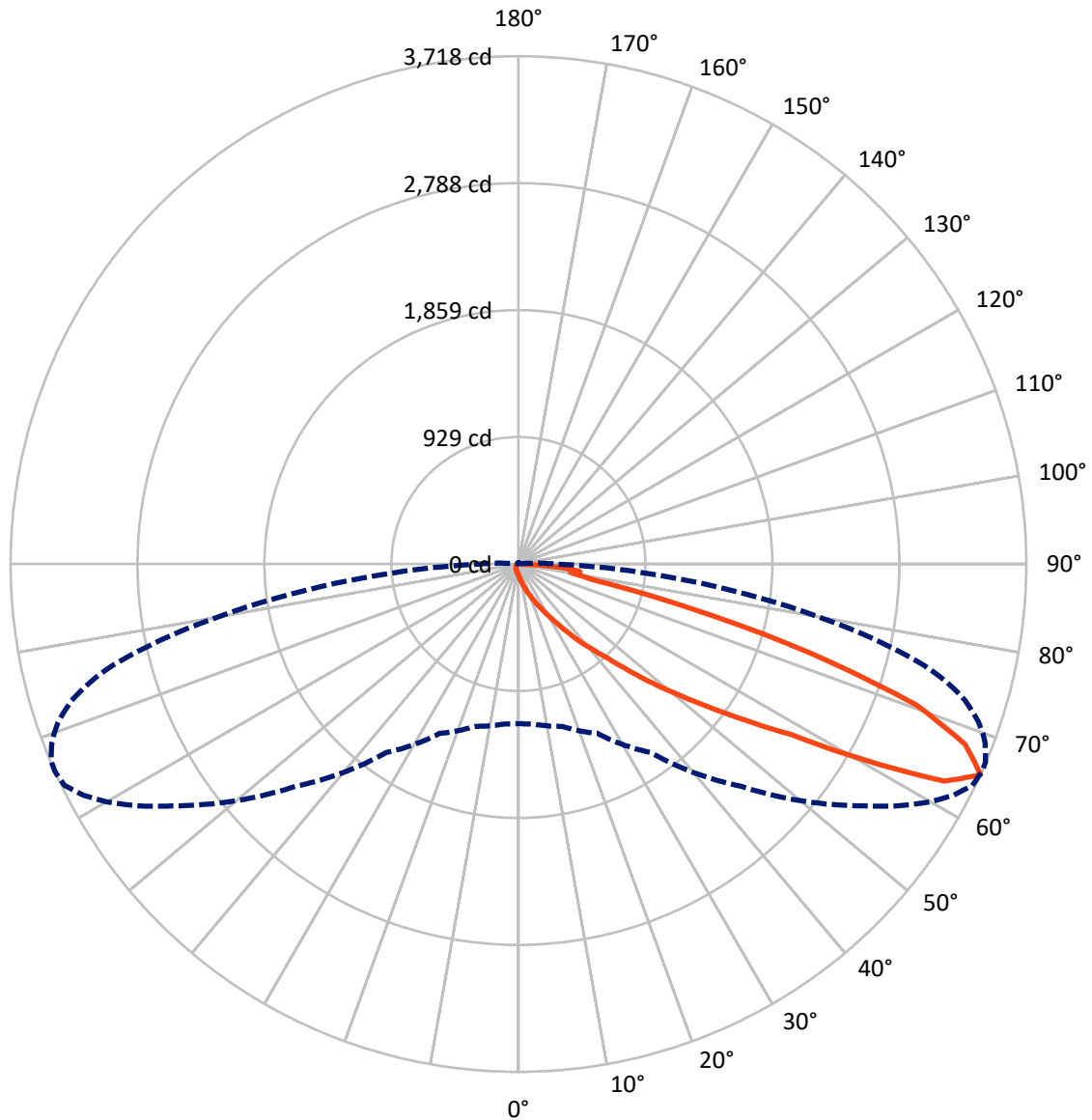
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.3 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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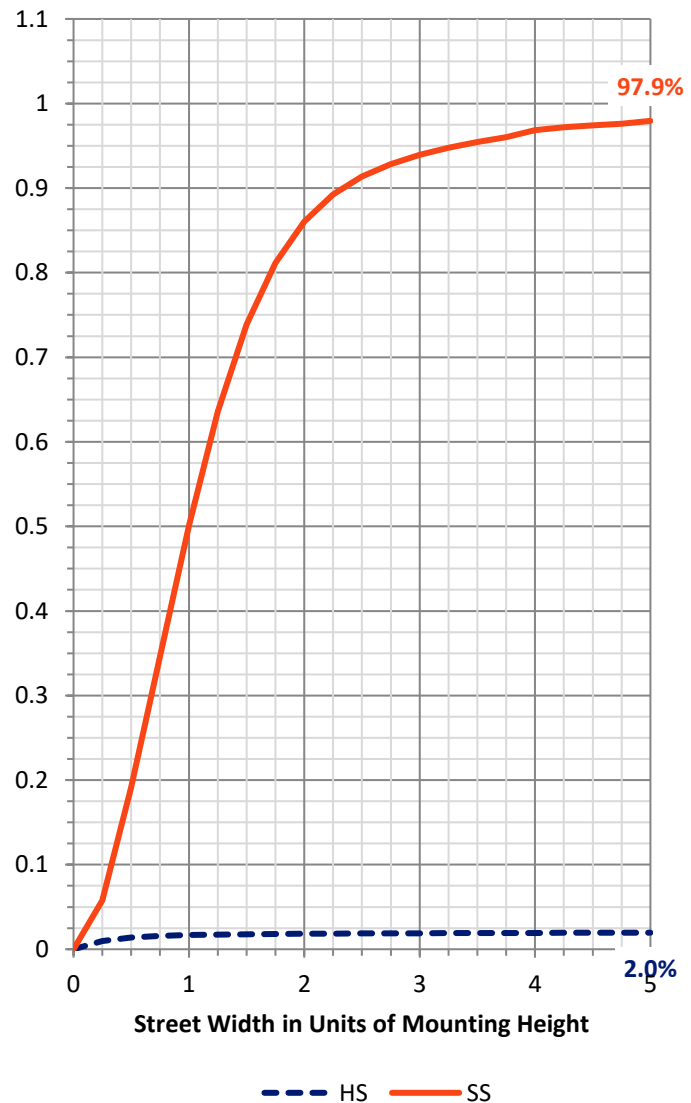
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	59.8	0.0	59.8
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	2918.3	0.0	2918.3
	% Fixture	98.0	0.0	98.0
Total	Lumens	2978.1	0.0	2978.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.1	0.3
10°-20°	48.4	1.6
20°-30°	110.6	3.7
30°-40°	210.4	7.1
40°-50°	422.4	14.2
50°-60°	747.4	25.1
60°-70°	976.5	32.8
70°-80°	401.5	13.5
80°-90°	50.6	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°	2978.1	100.0
0°-180°	2978.1	100.0

Coefficient of Utilization



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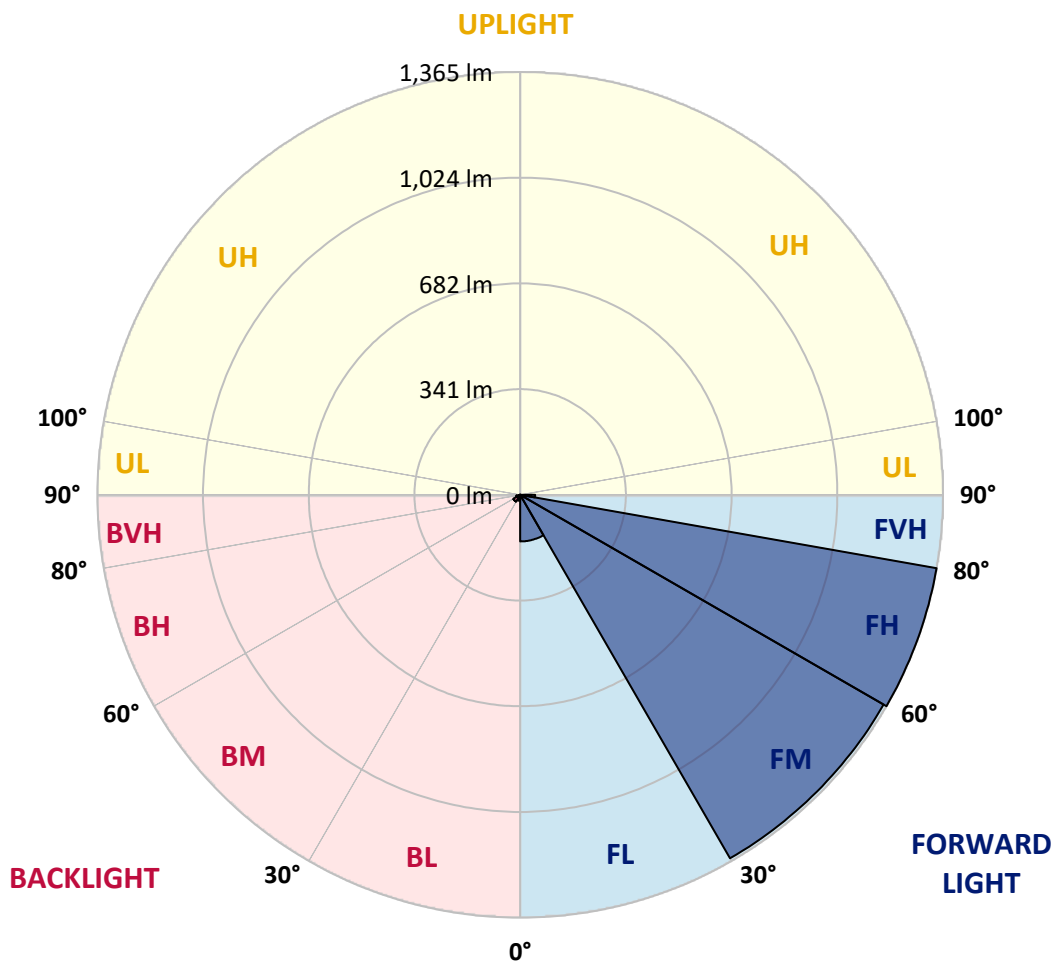
CATALOG NUMBER: AVM-E02-LED-E-U-T3-HSS-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	150.5	5.1			
FM	(30°-60°)	1354.7	45.5			
FH	(60°-80°)	1364.8	45.8			G1/1800
FVH	(80°-90°)	48.3	1.6			G1/100
BL	(0°-30°)	18.7	0.6	B0/110		
BM	(30°-60°)	25.6	0.9	B0/220		
BH	(60°-80°)	13.2	0.4	B0/110		G0/110
BVH	(80°-90°)	2.3	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°	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
2.5°	109.6	107.8	108.4	104.7	102.3	99.3	96.8	96.2	95.6	94.4	95.0
5°	157.7	155.9	151.6	144.3	137.6	127.3	116.9	116.3	114.5	112.6	111.4
7.5°	219.2	216.2	211.3	199.1	182.7	164.4	143.7	141.9	139.4	137.0	134.6
10°	290.4	288.6	279.5	265.5	240.5	210.7	176.0	174.1	168.7	165.6	163.2
12.5°	365.3	357.4	353.8	329.4	300.8	260.0	215.6	208.9	204.6	200.3	194.2
15°	422.0	423.2	414.7	395.2	361.7	314.2	258.8	251.5	245.4	237.5	230.2
17.5°	473.1	470.7	461.5	449.4	417.7	369.6	305.1	295.3	285.6	281.3	271.0
20°	514.5	513.3	506.0	494.4	470.1	423.8	353.8	345.9	334.9	327.6	316.0
22.5°	547.4	547.4	543.1	536.4	512.7	475.6	405.5	397.0	386.0	376.9	364.1
25°	573.6	573.0	573.6	570.5	554.7	520.6	458.5	448.8	439.6	428.7	416.5
27.5°	603.4	604.6	603.4	601.6	594.9	567.5	512.1	505.4	495.0	483.5	471.3
30°	649.7	646.0	645.4	644.2	636.3	619.3	567.5	559.6	551.7	543.7	535.2
32.5°	698.4	692.3	690.5	690.5	685.0	669.8	631.4	627.2	615.6	609.5	602.2
35°	753.8	751.4	748.9	749.6	747.1	731.3	699.6	700.8	697.2	685.0	677.7
37.5°	834.8	835.4	831.1	823.2	823.2	809.2	791.0	788.5	779.4	776.3	772.1
40°	950.5	947.4	943.8	932.2	928.0	904.2	887.2	881.1	873.8	873.2	868.3
42.5°	1084.5	1080.8	1080.8	1072.3	1063.7	1035.1	1002.9	998.6	990.7	993.1	991.3
45°	1208.7	1211.7	1216.0	1222.1	1223.3	1211.1	1164.2	1158.7	1154.5	1152.0	1150.2
47.5°	1315.8	1321.3	1335.3	1361.5	1395.0	1399.3	1362.1	1347.5	1344.5	1340.2	1336.5
50°	1392.6	1400.5	1432.1	1483.3	1548.4	1588.6	1568.5	1556.3	1555.7	1544.2	1543.0
52.5°	1436.4	1444.9	1496.7	1574.0	1675.1	1753.6	1778.6	1778.0	1776.8	1766.4	1762.2
55°	1446.1	1455.3	1517.4	1622.7	1767.0	1902.8	1998.4	2000.8	2006.3	2003.3	2003.3
57.5°	1419.3	1430.9	1498.5	1628.8	1815.1	2020.9	2229.8	2243.8	2250.5	2274.2	2301.6
60°	1370.0	1378.6	1446.1	1591.7	1823.7	2128.7	2530.6	2575.0	2609.7	2656.6	2701.1
62.5°	1278.7	1295.7	1360.3	1518.6	1798.1	2252.9	2889.8	2972.0	3039.6	3110.9	3196.7
65°	1167.9	1175.2	1230.0	1368.2	1683.6	2300.4	3088.3	3168.7	3255.2	3331.3	3408.0
67.5°	1029.0	1035.1	1082.6	1141.7	1389.5	2078.2	2892.9	2981.8	3059.7	3122.4	3222.9
70°	674.1	687.4	803.7	862.2	971.2	1536.3	2365.6	2451.4	2511.1	2553.7	2670.0
72.5°	493.8	502.3	549.2	669.8	696.6	907.9	1664.7	1757.9	1779.8	1860.2	1914.4
75°	301.4	322.7	428.7	573.6	678.9	621.7	997.4	1042.4	1093.0	1151.4	1203.2
77.5°	60.9	69.4	140.0	395.2	597.3	664.3	595.5	604.0	629.0	634.5	654.0
80°	9.7	10.4	18.3	170.5	345.9	537.0	595.5	587.6	573.6	563.8	554.1
82.5°	4.3	4.9	7.9	43.2	73.7	179.0	515.1	555.3	601.6	627.2	633.9
85°	1.8	1.8	3.0	8.5	11.0	12.2	87.1	115.1	205.2	272.8	314.2
87.5°	1.2	1.2	1.8	1.8	2.4	3.0	4.3	4.3	4.9	5.5	7.9
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°	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
2.5°	95.0	94.4	94.4	92.6	92.6	91.9	91.9	91.3	91.3	90.1	90.7
5°	110.8	109.6	108.4	106.6	105.9	104.7	103.5	101.7	101.1	99.9	99.3
7.5°	132.1	130.9	128.5	124.8	122.4	120.0	117.5	115.1	113.3	111.4	110.2
10°	158.3	154.7	153.4	146.1	143.1	138.2	135.2	132.7	129.1	126.0	124.2
12.5°	190.0	186.9	180.8	171.1	166.2	162.0	156.5	151.6	148.0	142.5	138.8
15°	222.9	220.4	211.9	200.9	194.8	186.9	181.5	176.6	168.7	165.0	158.3
17.5°	264.3	257.0	248.4	232.6	224.7	218.0	208.2	200.9	196.1	185.1	179.0
20°	306.9	299.0	288.0	270.4	259.4	249.0	241.1	231.4	221.0	213.7	203.4
22.5°	355.6	342.8	334.3	312.4	299.6	288.6	275.2	264.9	254.5	243.0	231.4
25°	407.4	394.6	384.2	359.3	345.9	334.9	319.1	304.5	291.7	278.9	265.5
27.5°	461.5	450.0	438.4	412.8	401.3	386.0	371.4	354.4	337.9	326.4	308.1
30°	524.3	514.5	501.7	474.3	461.5	445.7	430.5	410.4	394.6	378.7	361.1
32.5°	591.9	583.9	570.5	546.2	531.0	517.6	501.1	481.6	459.1	442.7	422.0
35°	674.1	660.7	652.7	629.6	618.0	603.4	586.4	569.3	545.6	522.4	504.8
37.5°	767.8	761.7	751.4	729.5	720.9	705.7	694.8	677.7	659.4	630.2	611.3
40°	864.0	859.8	850.6	828.7	820.2	809.8	797.1	780.6	758.7	743.5	715.5
42.5°	986.4	979.7	972.4	951.7	935.3	922.5	917.0	903.0	879.9	860.4	838.5
45°	1141.7	1138.6	1128.9	1108.2	1091.8	1083.2	1074.7	1051.0	1035.7	1016.3	1001.0
47.5°	1329.2	1319.5	1314.6	1291.5	1286.0	1279.3	1257.4	1244.0	1222.1	1206.8	1188.0
50°	1532.0	1521.6	1522.3	1494.2	1495.5	1490.6	1474.1	1458.3	1439.4	1426.0	1414.5
52.5°	1750.0	1754.9	1742.7	1751.2	1741.5	1730.5	1727.4	1708.0	1691.5	1690.9	1675.1
55°	2017.9	2010.0	2013.0	2021.5	2008.2	2020.3	2014.2	1989.3	1989.9	1994.8	1976.5
57.5°	2305.9	2317.5	2342.4	2347.9	2371.1	2355.2	2396.6	2366.8	2385.1	2385.1	2372.9
60°	2728.5	2774.8	2835.0	2881.9	2925.2	2911.2	2965.3	2931.2	2955.6	2934.9	2924.5
62.5°	3237.5	3299.0	3370.3	3446.4	3490.2	3501.2	3493.3	3508.5	3484.7	3469.5	3429.9
65°	3482.3	3543.2	3605.3	3696.6	3708.8	3717.9	3714.3	3688.7	3659.5	3616.3	3564.5
67.5°	3278.9	3364.2	3398.9	3504.2	3539.5	3526.8	3531.0	3498.1	3452.5	3409.8	3333.7
70°	2718.7	2816.2	2834.4	2985.4	3027.5	3088.3	3066.4	3056.7	3006.7	2970.8	2886.8
72.5°	1979.5	2055.6	2049.6	2219.4	2212.1	2237.1	2296.2	2293.7	2241.4	2229.8	2159.2
75°	1218.4	1264.1	1261.6	1382.2	1331.7	1324.4	1340.8	1333.5	1284.2	1233.0	1189.2
77.5°	645.4	666.1	644.2	608.3	604.6	563.8	552.3	551.7	513.9	467.6	433.5
80°	543.7	522.4	496.9	444.5	414.1	386.7	361.1	337.3	311.8	277.7	236.3
82.5°	635.1	624.7	606.5	540.7	509.0	454.2	413.4	375.1	328.2	292.9	239.9
85°	309.3	308.7	323.3	316.6	305.1	302.6	262.4	253.9	235.0	215.6	180.2
87.5°	8.5	6.1	7.3	6.1	7.3	7.9	5.5	12.8	7.9	7.3	8.5
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
2.5°	90.1	89.5	88.9	88.9	88.3	88.3	87.7	87.1	87.1	86.5	86.5
5°	98.0	96.8	96.2	95.6	94.4	93.8	92.6	91.9	90.7	90.1	88.9
7.5°	107.8	106.6	104.1	102.9	101.1	100.5	97.4	96.2	95.0	93.8	91.9
10°	120.0	116.9	114.5	112.0	109.0	106.6	104.1	102.3	99.9	96.8	95.6
12.5°	135.2	130.9	127.3	123.0	119.3	115.7	111.4	108.4	104.7	101.7	98.6
15°	152.2	146.1	141.3	135.2	129.1	124.8	120.6	116.3	111.4	107.2	103.5
17.5°	171.7	163.8	157.1	149.8	143.1	137.0	129.7	124.2	118.7	112.6	107.8
20°	192.4	184.5	175.4	167.4	157.7	151.0	141.9	134.6	126.7	120.6	113.9
22.5°	219.8	209.5	197.9	186.9	176.6	166.2	156.5	147.4	137.6	128.5	121.8
25°	252.1	239.3	224.7	213.7	199.1	187.5	175.4	163.8	153.4	141.9	130.9
27.5°	292.3	275.2	259.4	244.2	228.3	213.7	197.9	184.5	170.5	157.1	144.9
30°	339.2	322.7	299.0	281.9	266.1	246.0	230.2	212.5	196.7	177.2	163.8
32.5°	401.3	380.0	355.0	332.5	311.8	289.2	267.3	244.8	224.1	206.4	186.3
35°	482.2	457.3	427.4	398.8	375.7	348.3	320.3	294.7	271.0	245.4	220.4
37.5°	584.5	561.4	529.1	494.4	463.4	430.5	401.3	365.3	333.7	302.6	271.0
40°	686.2	664.9	631.4	594.3	554.1	516.3	479.2	438.4	398.2	359.3	326.4
42.5°	811.7	780.0	744.1	702.1	663.1	618.0	571.8	524.9	476.8	429.9	383.0
45°	969.4	945.0	894.5	849.4	803.1	750.2	692.9	639.3	577.8	522.4	460.3
47.5°	1161.2	1117.3	1080.2	1038.8	980.9	929.8	856.7	793.4	716.7	643.0	568.7
50°	1387.7	1363.3	1314.0	1262.3	1199.5	1138.6	1067.4	976.1	884.1	805.6	703.9
52.5°	1652.6	1617.8	1586.8	1533.2	1469.3	1391.3	1310.4	1211.1	1098.5	987.6	879.3
55°	1966.7	1942.4	1912.6	1869.9	1788.3	1700.0	1602.6	1483.9	1350.5	1201.4	1075.3
57.5°	2372.3	2346.7	2318.1	2230.4	2175.0	2066.6	1925.3	1802.3	1658.6	1467.4	1311.0
60°	2925.8	2891.1	2850.9	2779.6	2663.9	2523.3	2371.7	2189.6	2013.6	1804.8	1599.6
62.5°	3398.9	3343.5	3257.6	3165.7	3026.8	2865.5	2674.9	2460.6	2260.2	2025.2	1796.9
65°	3496.3	3420.2	3319.1	3199.2	3056.1	2874.0	2674.9	2469.7	2234.1	2013.0	1783.5
67.5°	3243.0	3154.7	3051.2	2917.2	2780.8	2593.3	2421.6	2212.7	1991.1	1799.9	1594.7
70°	2826.5	2695.6	2589.7	2447.2	2308.9	2161.6	1980.8	1824.3	1644.0	1468.1	1311.0
72.5°	2122.6	1993.5	1897.3	1783.5	1701.3	1545.4	1412.6	1295.7	1189.2	1057.7	941.4
75°	1144.1	1047.3	982.8	931.0	857.3	754.4	691.1	610.7	565.7	510.9	457.9
77.5°	373.3	328.8	280.7	233.8	200.9	151.0	146.1	116.3	109.6	106.6	82.2
80°	191.2	147.4	106.6	76.7	58.5	51.8	49.3	46.9	44.4	42.6	39.6
82.5°	191.8	138.8	95.6	66.4	48.1	40.2	37.8	36.5	34.7	32.9	30.4
85°	140.0	103.5	71.2	48.7	33.5	26.8	25.6	23.7	22.5	21.9	19.5
87.5°	9.1	6.7	6.1	5.5	5.5	5.5	6.1	5.5	6.1	6.1	5.5
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°	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
2.5°	85.9	85.2	85.2	84.6	84.0	84.0	83.4	83.4	81.6	78.5	76.1
5°	88.3	87.1	86.5	85.9	85.2	84.0	83.4	82.8	79.8	73.7	68.8
7.5°	90.1	88.9	88.3	87.1	85.2	84.6	83.4	82.2	77.3	68.8	63.3
10°	93.2	91.3	89.5	87.7	85.9	84.6	82.8	81.6	74.3	64.5	59.1
12.5°	96.2	93.8	91.3	88.3	86.5	84.6	82.8	80.4	71.9	60.9	54.8
15°	99.9	96.2	93.2	90.1	87.1	84.6	81.6	79.8	69.4	57.8	52.4
17.5°	103.5	99.3	95.0	90.7	87.7	84.0	81.6	78.5	67.0	55.4	49.3
20°	107.8	101.7	97.4	92.6	88.3	84.0	80.4	77.3	64.5	52.4	46.3
22.5°	113.9	106.6	99.9	94.4	88.9	84.6	80.4	76.1	62.1	49.9	43.8
25°	121.8	112.6	104.7	98.0	91.3	85.9	81.0	76.7	60.3	48.1	40.8
27.5°	133.3	121.8	113.3	104.1	95.6	88.9	82.8	77.9	59.1	46.3	39.0
30°	147.4	135.8	122.4	111.4	102.3	93.2	86.5	79.2	57.8	44.4	36.5
32.5°	168.1	151.6	135.8	122.4	109.6	99.3	89.5	82.2	57.2	41.4	34.1
35°	197.9	175.4	156.5	138.8	121.2	108.4	96.8	87.1	56.6	39.0	31.7
37.5°	240.5	213.7	189.4	164.4	142.5	124.2	108.4	95.6	56.6	37.1	29.2
40°	286.2	251.5	220.4	189.4	161.4	138.2	116.9	101.1	55.4	34.7	26.8
42.5°	337.9	295.3	252.7	214.3	179.6	149.8	124.8	105.3	52.4	32.3	24.4
45°	407.4	351.3	300.2	250.9	205.8	166.8	135.2	110.2	49.3	30.4	21.9
47.5°	494.4	429.3	362.9	300.8	241.7	192.4	150.4	118.1	47.5	28.0	20.1
50°	624.1	531.6	443.9	364.7	289.8	225.3	172.9	129.7	45.7	26.2	18.3
52.5°	766.6	652.7	549.8	448.2	355.0	269.7	199.1	144.9	43.8	24.4	16.4
55°	940.1	800.1	674.7	542.5	423.2	321.5	231.4	162.0	41.4	22.5	15.2
57.5°	1154.5	977.3	828.7	667.4	517.6	388.5	274.6	190.6	39.0	20.1	13.4
60°	1393.8	1193.4	1006.5	817.1	635.7	477.4	338.5	231.4	36.5	17.7	11.6
62.5°	1566.1	1346.3	1132.6	920.0	720.9	543.7	390.3	263.0	32.9	15.2	10.4
65°	1564.3	1341.4	1126.5	917.0	723.4	546.2	392.1	269.1	29.2	13.4	9.1
67.5°	1393.8	1206.2	1014.4	826.3	657.0	496.9	362.9	249.6	25.0	12.2	7.9
70°	1146.6	997.4	845.8	696.6	560.8	425.6	313.6	217.4	21.3	11.0	6.7
72.5°	837.2	728.2	635.7	530.4	437.8	336.1	250.3	170.5	17.0	9.1	6.1
75°	415.9	372.0	319.1	286.2	244.2	199.7	155.3	99.3	14.0	7.3	5.5
77.5°	79.2	70.6	67.6	58.5	53.6	47.5	42.0	29.8	11.0	5.5	4.9
80°	36.5	33.5	30.4	27.4	24.4	20.7	18.3	15.8	8.5	4.3	5.5
82.5°	28.6	26.2	23.1	20.7	18.3	15.8	13.4	11.6	5.5	3.7	5.5
85°	18.9	16.4	14.6	12.8	11.0	9.7	8.5	7.3	3.7	3.7	3.7
87.5°	5.5	5.5	4.9	4.9	4.3	4.3	3.7	3.7	3.0	3.0	3.0
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: P155239

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CANDELA DISTRIBUTION (continued):

	125°	135°	145°	155°	165°	175°	180°
0°	82.8	82.8	82.8	82.8	82.8	82.8	82.8
2.5°	73.7	70.6	69.4	68.8	68.8	69.4	68.8
5°	65.2	62.1	60.9	59.7	59.7	59.7	60.3
7.5°	59.7	56.6	54.8	54.2	53.6	54.2	54.2
10°	54.8	52.4	49.9	48.7	48.7	48.7	48.7
12.5°	51.1	48.1	45.7	45.1	44.4	44.4	44.4
15°	48.1	44.4	42.6	41.4	40.8	40.8	41.4
17.5°	44.4	41.4	39.0	38.4	38.4	38.4	38.4
20°	42.0	38.4	36.5	35.3	35.3	35.3	35.3
22.5°	39.0	35.9	33.5	32.3	32.3	32.3	32.3
25°	36.5	33.5	31.1	29.8	29.8	29.8	29.8
27.5°	34.1	31.1	28.6	27.4	27.4	27.4	27.4
30°	31.7	28.6	26.2	25.0	25.0	25.0	25.0
32.5°	29.8	26.2	23.7	22.5	22.5	23.1	22.5
35°	26.8	23.7	21.3	20.1	20.1	20.1	20.1
37.5°	24.4	21.3	18.9	17.7	17.7	17.7	17.0
40°	22.5	18.9	16.4	15.2	14.6	14.6	14.6
42.5°	19.5	15.8	14.0	12.8	12.2	12.2	12.2
45°	17.7	14.0	11.6	10.4	10.4	10.4	10.4
47.5°	15.8	12.2	9.7	8.5	8.5	9.1	9.1
50°	14.0	10.4	7.9	7.9	7.9	8.5	8.5
52.5°	12.2	9.1	7.3	7.3	7.9	8.5	8.5
55°	11.0	7.9	6.7	7.3	7.9	8.5	8.5
57.5°	9.7	6.7	6.7	7.3	7.9	8.5	8.5
60°	8.5	6.1	6.1	6.7	7.9	8.5	8.5
62.5°	7.3	6.1	6.1	6.7	7.9	8.5	8.5
65°	6.7	6.1	6.1	6.7	7.9	8.5	8.5
67.5°	6.1	5.5	6.1	6.7	7.3	7.9	7.9
70°	5.5	5.5	6.1	6.7	7.3	7.9	7.9
72.5°	5.5	5.5	5.5	6.1	6.7	7.3	7.3
75°	5.5	5.5	5.5	6.1	6.7	7.3	7.3
77.5°	5.5	4.9	4.9	5.5	6.7	7.3	7.3
80°	5.5	4.9	4.9	5.5	6.1	7.3	7.3
82.5°	4.3	4.3	4.9	5.5	6.1	6.7	6.7
85°	3.7	4.3	4.3	4.9	5.5	6.7	6.7
87.5°	3.0	3.0	3.7	4.3	4.9	5.5	5.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)