

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: P155234

Luminaire Tested: **AVM-F01-LED-E-U-T3-HSS-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P155234
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-7030
Description: VISION SITE MEDIUM LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 AREA W/ HOUSE SIDE SHIELD
Light Source: (7) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1229.3 lumens
Efficiency: N/A
Efficacy: 47.5 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

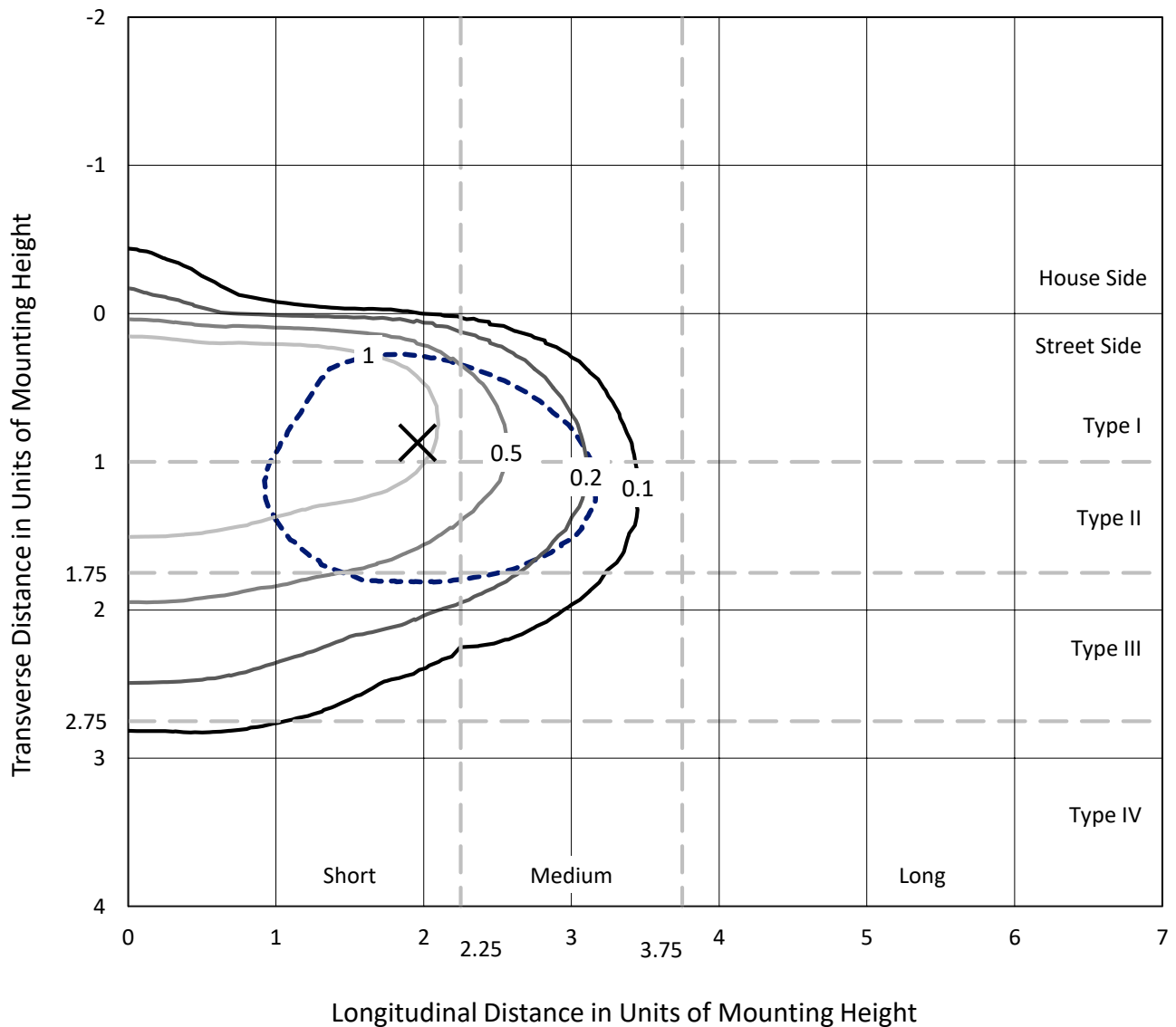


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Iso-Footcandle Lines of Horizontal Illumination

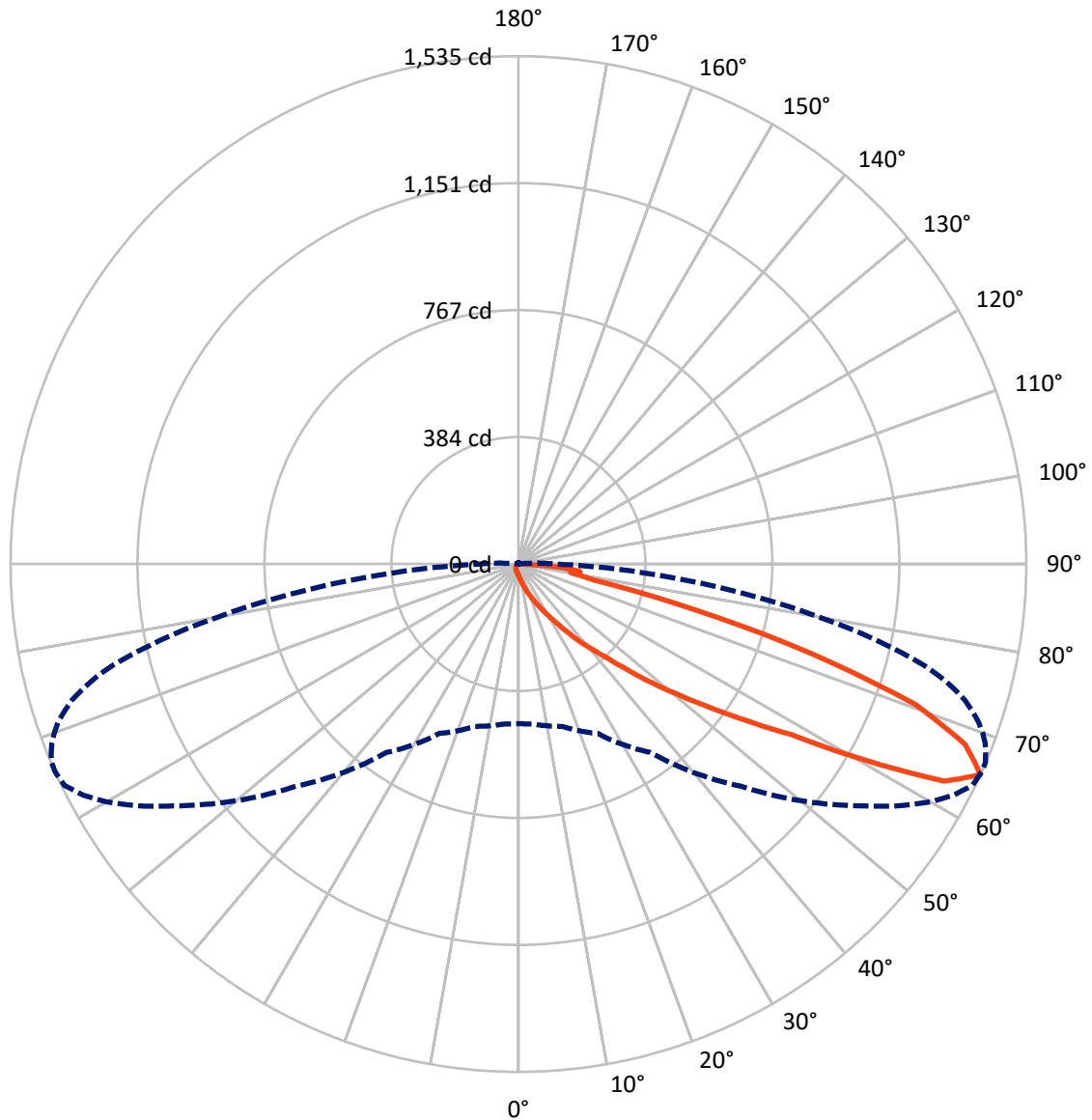
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 1.8 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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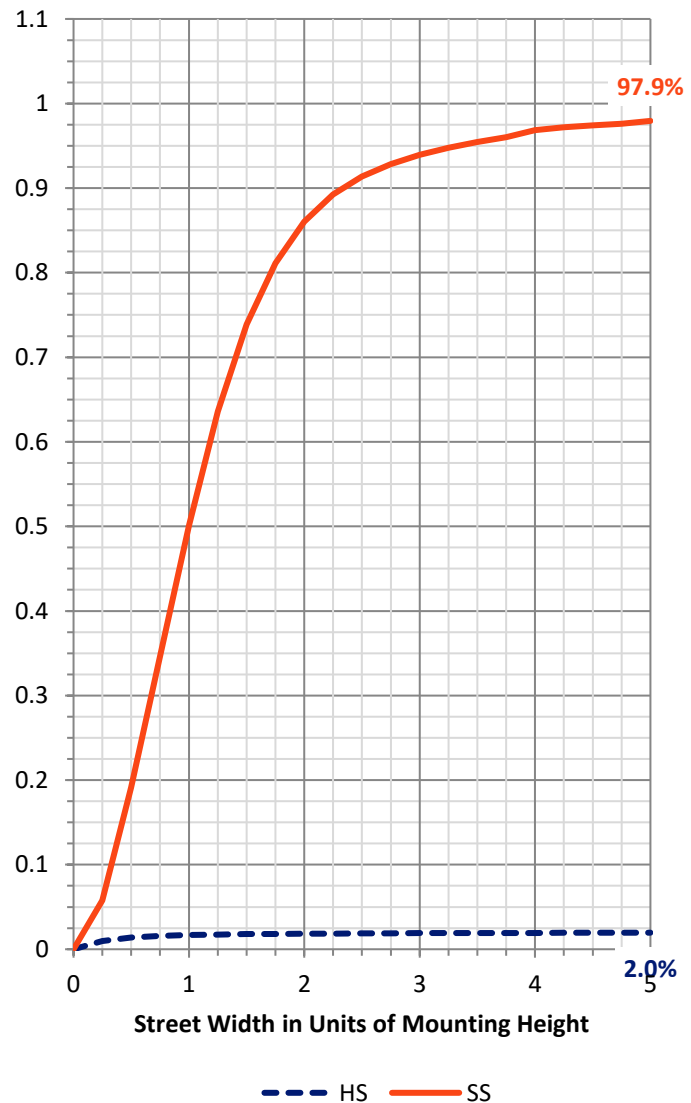
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	24.7	0.0	24.7
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	1204.6	0.0	1204.6
	% Fixture	98.0	0.0	98.0
Total	Lumens	1229.3	0.0	1229.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.2	0.3
10°-20°	20.0	1.6
20°-30°	45.7	3.7
30°-40°	86.9	7.1
40°-50°	174.4	14.2
50°-60°	308.5	25.1
60°-70°	403.1	32.8
70°-80°	165.7	13.5
80°-90°	20.9	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°	1229.3	100.0
0°-180°	1229.3	100.0



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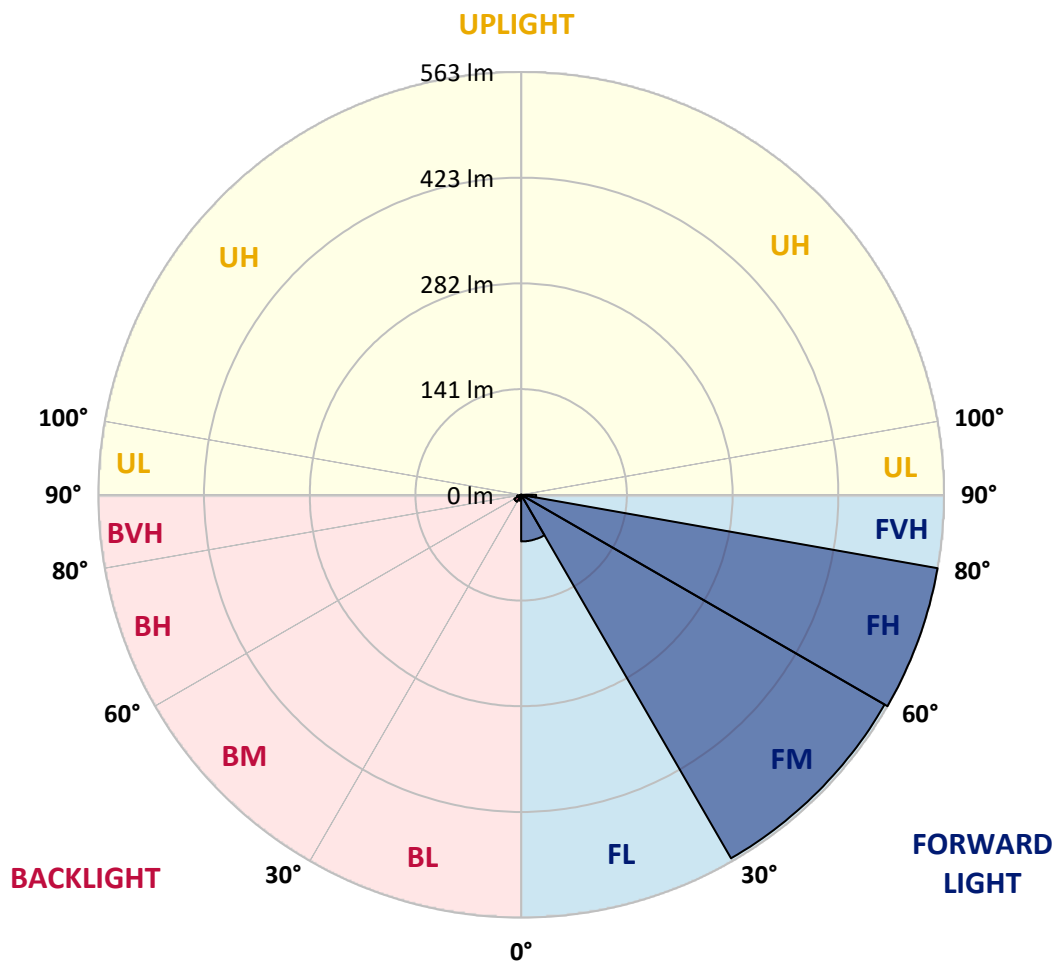
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	62.1	5.1			
FM	(30°-60°)	559.2	45.5			
FH	(60°-80°)	563.4	45.8			G0/660
FVH	(80°-90°)	19.9	1.6			G1/100
BL	(0°-30°)	7.7	0.6	B0/110		
BM	(30°-60°)	10.6	0.9	B0/220		
BH	(60°-80°)	5.5	0.4	B0/110		G0/110
BVH	(80°-90°)	0.9	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°	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
2.5°	45.2	44.5	44.7	43.2	42.2	41.0	40.0	39.7	39.5	39.0	39.2
5°	65.1	64.3	62.6	59.6	56.8	52.5	48.3	48.0	47.3	46.5	46.0
7.5°	90.5	89.2	87.2	82.2	75.4	67.9	59.3	58.6	57.6	56.5	55.5
10°	119.9	119.1	115.4	109.6	99.3	87.0	72.6	71.9	69.6	68.4	67.4
12.5°	150.8	147.5	146.0	136.0	124.2	107.3	89.0	86.2	84.4	82.7	80.2
15°	174.2	174.7	171.2	163.1	149.3	129.7	106.8	103.8	101.3	98.0	95.0
17.5°	195.3	194.3	190.5	185.5	172.4	152.6	125.9	121.9	117.9	116.1	111.8
20°	212.4	211.9	208.9	204.1	194.0	174.9	146.0	142.8	138.2	135.2	130.4
22.5°	225.9	225.9	224.2	221.4	211.6	196.3	167.4	163.9	159.3	155.6	150.3
25°	236.8	236.5	236.8	235.5	229.0	214.9	189.3	185.2	181.5	176.9	171.9
27.5°	249.1	249.6	249.1	248.3	245.6	234.2	211.4	208.6	204.3	199.6	194.5
30°	268.2	266.7	266.4	265.9	262.6	255.6	234.2	231.0	227.7	224.4	220.9
32.5°	288.3	285.8	285.0	285.0	282.7	276.5	260.6	258.9	254.1	251.6	248.6
35°	311.1	310.1	309.1	309.4	308.4	301.8	288.8	289.3	287.8	282.7	279.7
37.5°	344.6	344.8	343.1	339.8	339.8	334.0	326.5	325.5	321.7	320.4	318.7
40°	392.3	391.1	389.6	384.8	383.0	373.2	366.2	363.7	360.7	360.4	358.4
42.5°	447.6	446.1	446.1	442.6	439.1	427.3	413.9	412.2	408.9	409.9	409.2
45°	498.9	500.1	501.9	504.4	504.9	499.9	480.5	478.3	476.5	475.5	474.8
47.5°	543.1	545.4	551.2	562.0	575.8	577.6	562.2	556.2	554.9	553.2	551.7
50°	574.8	578.1	591.1	612.2	639.1	655.7	647.4	642.4	642.2	637.4	636.9
52.5°	592.9	596.4	617.8	649.7	691.4	723.8	734.1	733.9	733.4	729.1	727.4
55°	596.9	600.7	626.3	669.8	729.4	785.4	824.9	825.9	828.1	826.9	826.9
57.5°	585.9	590.6	618.5	672.3	749.2	834.2	920.4	926.2	928.9	938.7	950.0
60°	565.5	569.0	596.9	657.0	752.7	878.7	1044.5	1062.9	1077.2	1096.6	1114.9
62.5°	527.8	534.8	561.5	626.8	742.2	929.9	1192.8	1226.7	1254.6	1284.1	1319.5
65°	482.1	485.1	507.7	564.7	694.9	949.5	1274.8	1307.9	1343.6	1375.0	1406.7
67.5°	424.7	427.3	446.9	471.2	573.5	857.8	1194.1	1230.8	1262.9	1288.8	1330.3
70°	278.2	283.8	331.8	355.9	400.9	634.1	976.4	1011.9	1036.5	1054.1	1102.1
72.5°	203.8	207.3	226.7	276.5	287.5	374.7	687.1	725.6	734.6	767.8	790.2
75°	124.4	133.2	176.9	236.8	280.2	256.6	411.7	430.3	451.1	475.3	496.6
77.5°	25.1	28.7	57.8	163.1	246.6	274.2	245.8	249.3	259.6	261.9	269.9
80°	4.0	4.3	7.5	70.4	142.8	221.7	245.8	242.5	236.8	232.7	228.7
82.5°	1.8	2.0	3.3	17.8	30.4	73.9	212.6	229.2	248.3	258.9	261.6
85°	0.8	0.8	1.3	3.5	4.5	5.0	35.9	47.5	84.7	112.6	129.7
87.5°	0.5	0.5	0.8	0.8	1.0	1.3	1.8	1.8	2.0	2.3	3.3
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°	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
2.5°	39.2	39.0	39.0	38.2	38.2	38.0	38.0	37.7	37.7	37.2	37.4
5°	45.7	45.2	44.7	44.0	43.7	43.2	42.7	42.0	41.7	41.2	41.0
7.5°	54.5	54.0	53.0	51.5	50.5	49.5	48.5	47.5	46.7	46.0	45.5
10°	65.3	63.8	63.3	60.3	59.1	57.1	55.8	54.8	53.3	52.0	51.3
12.5°	78.4	77.2	74.6	70.6	68.6	66.9	64.6	62.6	61.1	58.8	57.3
15°	92.0	91.0	87.5	82.9	80.4	77.2	74.9	72.9	69.6	68.1	65.3
17.5°	109.1	106.1	102.5	96.0	92.7	90.0	86.0	82.9	80.9	76.4	73.9
20°	126.7	123.4	118.9	111.6	107.1	102.8	99.5	95.5	91.2	88.2	83.9
22.5°	146.8	141.5	138.0	128.9	123.7	119.1	113.6	109.3	105.1	100.3	95.5
25°	168.1	162.9	158.6	148.3	142.8	138.2	131.7	125.7	120.4	115.1	109.6
27.5°	190.5	185.7	181.0	170.4	165.6	159.3	153.3	146.3	139.5	134.7	127.2
30°	216.4	212.4	207.1	195.8	190.5	184.0	177.7	169.4	162.9	156.3	149.0
32.5°	244.3	241.0	235.5	225.4	219.2	213.6	206.8	198.8	189.5	182.7	174.2
35°	278.2	272.7	269.4	259.9	255.1	249.1	242.0	235.0	225.2	215.6	208.4
37.5°	316.9	314.4	310.1	301.1	297.6	291.3	286.8	279.7	272.2	260.1	252.3
40°	356.6	354.9	351.1	342.1	338.5	334.3	329.0	322.2	313.2	306.9	295.3
42.5°	407.2	404.4	401.4	392.8	386.0	380.8	378.5	372.7	363.2	355.1	346.1
45°	471.2	470.0	466.0	457.4	450.6	447.1	443.6	433.8	427.5	419.5	413.2
47.5°	548.7	544.6	542.6	533.1	530.8	528.0	519.0	513.5	504.4	498.1	490.3
50°	632.3	628.1	628.3	616.8	617.3	615.3	608.5	601.9	594.1	588.6	583.8
52.5°	722.3	724.3	719.3	722.8	718.8	714.3	713.0	705.0	698.2	697.9	691.4
55°	832.9	829.6	830.9	834.4	828.9	833.9	831.4	821.1	821.4	823.4	815.8
57.5°	951.8	956.6	966.9	969.1	978.7	972.1	989.2	976.9	984.5	984.5	979.4
60°	1126.2	1145.3	1170.2	1189.6	1207.4	1201.6	1224.0	1209.9	1220.0	1211.4	1207.1
62.5°	1336.3	1361.7	1391.1	1422.5	1440.6	1445.2	1441.9	1448.2	1438.4	1432.1	1415.7
65°	1437.4	1462.5	1488.1	1525.8	1530.9	1534.6	1533.1	1522.6	1510.5	1492.7	1471.3
67.5°	1353.4	1388.6	1402.9	1446.4	1461.0	1455.7	1457.5	1443.9	1425.0	1407.5	1376.0
70°	1122.2	1162.4	1169.9	1232.3	1249.6	1274.8	1265.7	1261.7	1241.1	1226.2	1191.6
72.5°	817.1	848.5	846.0	916.1	913.1	923.4	947.8	946.8	925.1	920.4	891.2
75°	502.9	521.8	520.8	570.5	549.7	546.6	553.4	550.4	530.1	508.9	490.8
77.5°	266.4	275.0	265.9	251.1	249.6	232.7	228.0	227.7	212.1	193.0	178.9
80°	224.4	215.6	205.1	183.5	170.9	159.6	149.0	139.2	128.7	114.6	97.5
82.5°	262.1	257.9	250.3	223.2	210.1	187.5	170.7	154.8	135.5	120.9	99.0
85°	127.7	127.4	133.5	130.7	125.9	124.9	108.3	104.8	97.0	89.0	74.4
87.5°	3.5	2.5	3.0	2.5	3.0	3.3	2.3	5.3	3.3	3.0	3.5
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°	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
2.5°	37.2	36.9	36.7	36.7	36.4	36.4	36.2	35.9	35.9	35.7	35.7
5°	40.5	40.0	39.7	39.5	39.0	38.7	38.2	38.0	37.4	37.2	36.7
7.5°	44.5	44.0	43.0	42.5	41.7	41.5	40.2	39.7	39.2	38.7	38.0
10°	49.5	48.3	47.3	46.2	45.0	44.0	43.0	42.2	41.2	40.0	39.5
12.5°	55.8	54.0	52.5	50.8	49.3	47.8	46.0	44.7	43.2	42.0	40.7
15°	62.8	60.3	58.3	55.8	53.3	51.5	49.8	48.0	46.0	44.2	42.7
17.5°	70.9	67.6	64.8	61.8	59.1	56.5	53.5	51.3	49.0	46.5	44.5
20°	79.4	76.2	72.4	69.1	65.1	62.3	58.6	55.5	52.3	49.8	47.0
22.5°	90.7	86.5	81.7	77.2	72.9	68.6	64.6	60.8	56.8	53.0	50.3
25°	104.1	98.8	92.7	88.2	82.2	77.4	72.4	67.6	63.3	58.6	54.0
27.5°	120.6	113.6	107.1	100.8	94.2	88.2	81.7	76.2	70.4	64.8	59.8
30°	140.0	133.2	123.4	116.4	109.8	101.5	95.0	87.7	81.2	73.1	67.6
32.5°	165.6	156.8	146.5	137.2	128.7	119.4	110.3	101.0	92.5	85.2	76.9
35°	199.1	188.7	176.4	164.6	155.1	143.8	132.2	121.6	111.8	101.3	91.0
37.5°	241.3	231.7	218.4	204.1	191.3	177.7	165.6	150.8	137.7	124.9	111.8
40°	283.3	274.5	260.6	245.3	228.7	213.1	197.8	181.0	164.4	148.3	134.7
42.5°	335.0	322.0	307.1	289.8	273.7	255.1	236.0	216.6	196.8	177.4	158.1
45°	400.1	390.1	369.2	350.6	331.5	309.6	286.0	263.9	238.5	215.6	190.0
47.5°	479.3	461.2	445.9	428.8	404.9	383.8	353.6	327.5	295.8	265.4	234.7
50°	572.8	562.7	542.4	521.0	495.1	470.0	440.6	402.9	364.9	332.5	290.5
52.5°	682.1	667.8	655.0	632.9	606.5	574.3	540.9	499.9	453.4	407.7	362.9
55°	811.8	801.7	789.4	771.8	738.2	701.7	661.5	612.5	557.5	495.9	443.9
57.5°	979.2	968.6	956.8	920.6	897.8	853.0	794.7	743.9	684.6	605.7	541.1
60°	1207.6	1193.3	1176.7	1147.3	1099.6	1041.5	978.9	903.8	831.2	744.9	660.2
62.5°	1402.9	1380.1	1344.6	1306.7	1249.4	1182.8	1104.1	1015.6	932.9	835.9	741.7
65°	1443.1	1411.7	1370.0	1320.5	1261.4	1186.3	1104.1	1019.4	922.1	830.9	736.1
67.5°	1338.6	1302.1	1259.4	1204.1	1147.8	1070.4	999.5	913.3	821.9	742.9	658.2
70°	1166.7	1112.6	1068.9	1010.1	953.0	892.2	817.6	753.0	678.6	606.0	541.1
72.5°	876.1	822.9	783.1	736.1	702.2	637.9	583.1	534.8	490.8	436.6	388.6
75°	472.3	432.3	405.6	384.3	353.9	311.4	285.3	252.1	233.5	210.9	189.0
77.5°	154.1	135.7	115.9	96.5	82.9	62.3	60.3	48.0	45.2	44.0	33.9
80°	78.9	60.8	44.0	31.7	24.1	21.4	20.4	19.4	18.3	17.6	16.3
82.5°	79.2	57.3	39.5	27.4	19.9	16.6	15.6	15.1	14.3	13.6	12.6
85°	57.8	42.7	29.4	20.1	13.8	11.1	10.6	9.8	9.3	9.0	8.0
87.5°	3.8	2.8	2.5	2.3	2.3	2.3	2.5	2.3	2.5	2.5	2.3
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°	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
2.5°	35.4	35.2	35.2	34.9	34.7	34.7	34.4	34.4	33.7	32.4	31.4
5°	36.4	35.9	35.7	35.4	35.2	34.7	34.4	34.2	32.9	30.4	28.4
7.5°	37.2	36.7	36.4	35.9	35.2	34.9	34.4	33.9	31.9	28.4	26.1
10°	38.5	37.7	36.9	36.2	35.4	34.9	34.2	33.7	30.7	26.6	24.4
12.5°	39.7	38.7	37.7	36.4	35.7	34.9	34.2	33.2	29.7	25.1	22.6
15°	41.2	39.7	38.5	37.2	35.9	34.9	33.7	32.9	28.7	23.9	21.6
17.5°	42.7	41.0	39.2	37.4	36.2	34.7	33.7	32.4	27.6	22.9	20.4
20°	44.5	42.0	40.2	38.2	36.4	34.7	33.2	31.9	26.6	21.6	19.1
22.5°	47.0	44.0	41.2	39.0	36.7	34.9	33.2	31.4	25.6	20.6	18.1
25°	50.3	46.5	43.2	40.5	37.7	35.4	33.4	31.7	24.9	19.9	16.8
27.5°	55.0	50.3	46.7	43.0	39.5	36.7	34.2	32.2	24.4	19.1	16.1
30°	60.8	56.0	50.5	46.0	42.2	38.5	35.7	32.7	23.9	18.3	15.1
32.5°	69.4	62.6	56.0	50.5	45.2	41.0	36.9	33.9	23.6	17.1	14.1
35°	81.7	72.4	64.6	57.3	50.0	44.7	40.0	35.9	23.4	16.1	13.1
37.5°	99.3	88.2	78.2	67.9	58.8	51.3	44.7	39.5	23.4	15.3	12.1
40°	118.1	103.8	91.0	78.2	66.6	57.1	48.3	41.7	22.9	14.3	11.1
42.5°	139.5	121.9	104.3	88.5	74.1	61.8	51.5	43.5	21.6	13.3	10.1
45°	168.1	145.0	123.9	103.5	84.9	68.9	55.8	45.5	20.4	12.6	9.0
47.5°	204.1	177.2	149.8	124.2	99.8	79.4	62.1	48.8	19.6	11.6	8.3
50°	257.6	219.4	183.2	150.5	119.6	93.0	71.4	53.5	18.8	10.8	7.5
52.5°	316.4	269.4	227.0	185.0	146.5	111.3	82.2	59.8	18.1	10.1	6.8
55°	388.1	330.2	278.5	223.9	174.7	132.7	95.5	66.9	17.1	9.3	6.3
57.5°	476.5	403.4	342.1	275.5	213.6	160.3	113.4	78.7	16.1	8.3	5.5
60°	575.3	492.6	415.5	337.3	262.4	197.0	139.7	95.5	15.1	7.3	4.8
62.5°	646.4	555.7	467.5	379.8	297.6	224.4	161.1	108.6	13.6	6.3	4.3
65°	645.7	553.7	465.0	378.5	298.6	225.4	161.9	111.1	12.1	5.5	3.8
67.5°	575.3	497.9	418.7	341.1	271.2	205.1	149.8	103.0	10.3	5.0	3.3
70°	473.3	411.7	349.1	287.5	231.5	175.7	129.4	89.7	8.8	4.5	2.8
72.5°	345.6	300.6	262.4	218.9	180.7	138.7	103.3	70.4	7.0	3.8	2.5
75°	171.7	153.6	131.7	118.1	100.8	82.4	64.1	41.0	5.8	3.0	2.3
77.5°	32.7	29.2	27.9	24.1	22.1	19.6	17.3	12.3	4.5	2.3	2.0
80°	15.1	13.8	12.6	11.3	10.1	8.5	7.5	6.5	3.5	1.8	2.3
82.5°	11.8	10.8	9.6	8.5	7.5	6.5	5.5	4.8	2.3	1.5	2.3
85°	7.8	6.8	6.0	5.3	4.5	4.0	3.5	3.0	1.5	1.5	1.5
87.5°	2.3	2.3	2.0	2.0	1.8	1.8	1.5	1.5	1.3	1.3	1.3
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: P155234

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CANDELA DISTRIBUTION (continued):

	125°	135°	145°	155°	165°	175°	180°
0°	34.2	34.2	34.2	34.2	34.2	34.2	34.2
2.5°	30.4	29.2	28.7	28.4	28.4	28.7	28.4
5°	26.9	25.6	25.1	24.6	24.6	24.6	24.9
7.5°	24.6	23.4	22.6	22.4	22.1	22.4	22.4
10°	22.6	21.6	20.6	20.1	20.1	20.1	20.1
12.5°	21.1	19.9	18.8	18.6	18.3	18.3	18.3
15°	19.9	18.3	17.6	17.1	16.8	16.8	17.1
17.5°	18.3	17.1	16.1	15.8	15.8	15.8	15.8
20°	17.3	15.8	15.1	14.6	14.6	14.6	14.6
22.5°	16.1	14.8	13.8	13.3	13.3	13.3	13.3
25°	15.1	13.8	12.8	12.3	12.3	12.3	12.3
27.5°	14.1	12.8	11.8	11.3	11.3	11.3	11.3
30°	13.1	11.8	10.8	10.3	10.3	10.3	10.3
32.5°	12.3	10.8	9.8	9.3	9.3	9.6	9.3
35°	11.1	9.8	8.8	8.3	8.3	8.3	8.3
37.5°	10.1	8.8	7.8	7.3	7.3	7.3	7.0
40°	9.3	7.8	6.8	6.3	6.0	6.0	6.0
42.5°	8.0	6.5	5.8	5.3	5.0	5.0	5.0
45°	7.3	5.8	4.8	4.3	4.3	4.3	4.3
47.5°	6.5	5.0	4.0	3.5	3.5	3.8	3.8
50°	5.8	4.3	3.3	3.3	3.3	3.5	3.5
52.5°	5.0	3.8	3.0	3.0	3.3	3.5	3.5
55°	4.5	3.3	2.8	3.0	3.3	3.5	3.5
57.5°	4.0	2.8	2.8	3.0	3.3	3.5	3.5
60°	3.5	2.5	2.5	2.8	3.3	3.5	3.5
62.5°	3.0	2.5	2.5	2.8	3.3	3.5	3.5
65°	2.8	2.5	2.5	2.8	3.3	3.5	3.5
67.5°	2.5	2.3	2.5	2.8	3.0	3.3	3.3
70°	2.3	2.3	2.5	2.8	3.0	3.3	3.3
72.5°	2.3	2.3	2.3	2.5	2.8	3.0	3.0
75°	2.3	2.3	2.3	2.5	2.8	3.0	3.0
77.5°	2.3	2.0	2.0	2.3	2.8	3.0	3.0
80°	2.3	2.0	2.0	2.3	2.5	3.0	3.0
82.5°	1.8	1.8	2.0	2.3	2.5	2.8	2.8
85°	1.5	1.8	1.8	2.0	2.3	2.8	2.8
87.5°	1.3	1.3	1.5	1.8	2.0	2.3	2.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)