

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: P155248

Luminaire Tested: **AVM-E03-LED-E-U-T3-HSS-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P155248
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-E03-LED-E-U-T3-HSS-8030
Description: VISION SITE MEDIUM LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 AREA W/ HOUSE SIDE SHIELD
Light Source: (63) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4127.9 lumens
Efficiency: N/A
Efficacy: 54.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G2

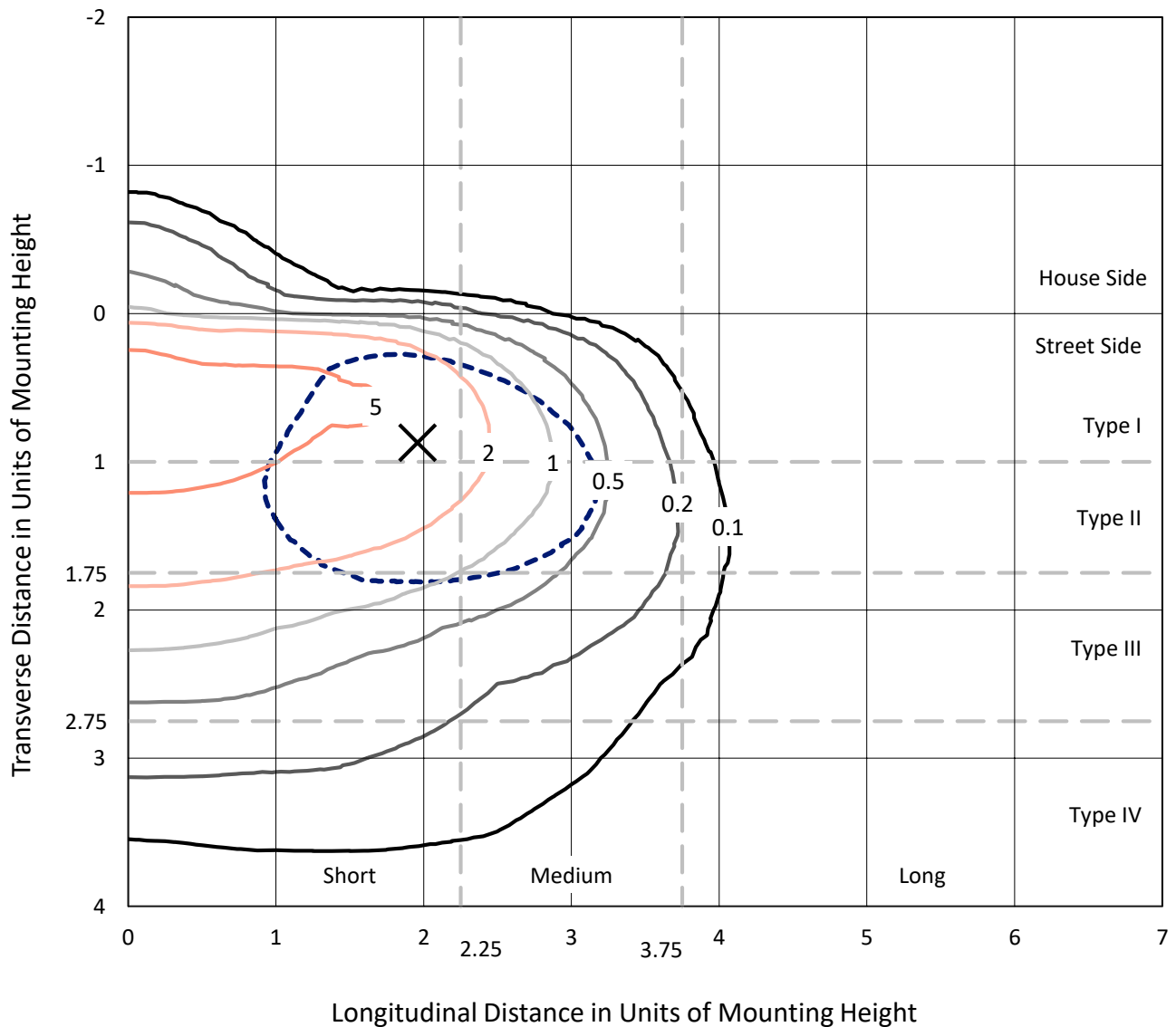
Input Watts (W): 75.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

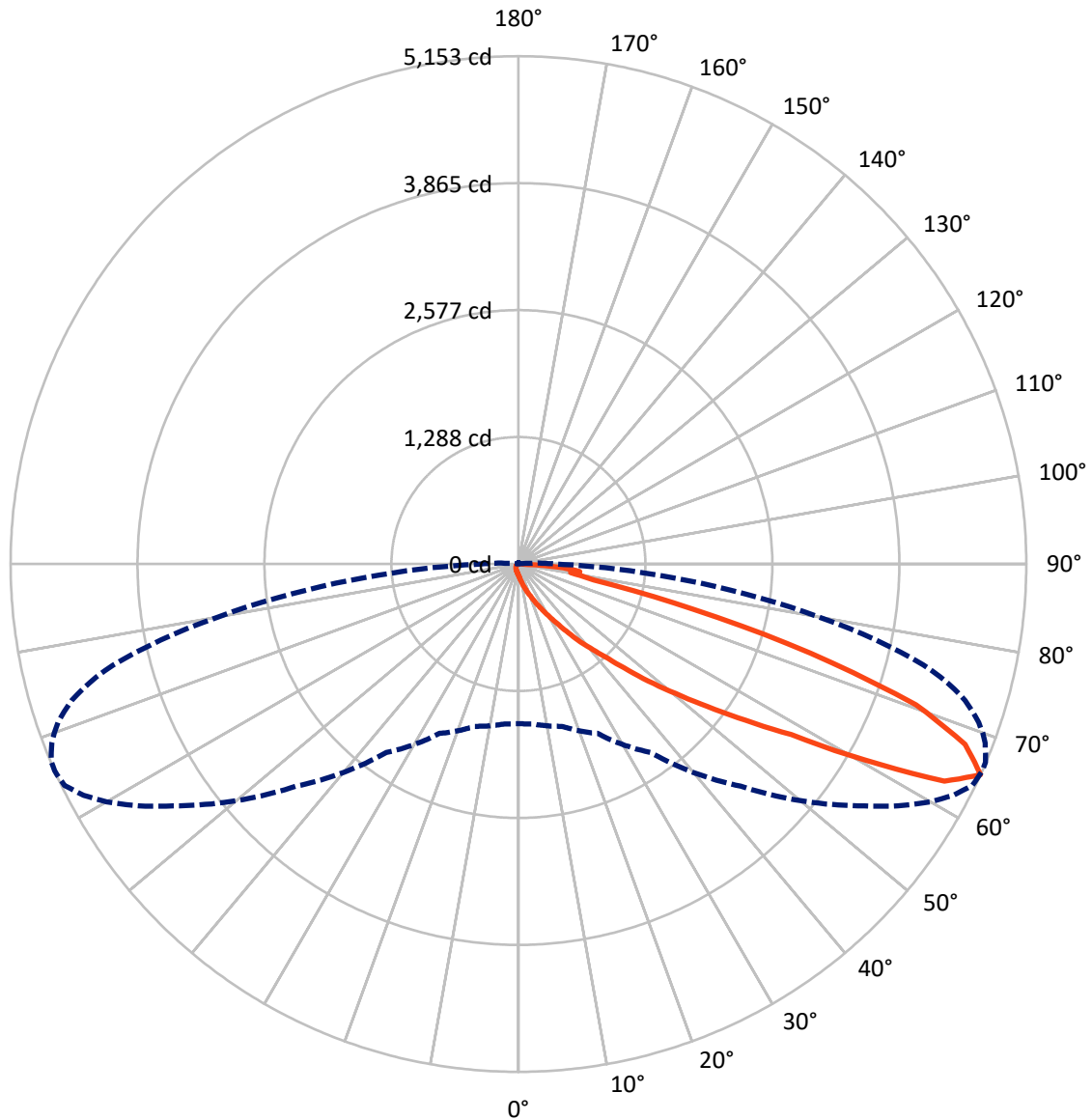
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6 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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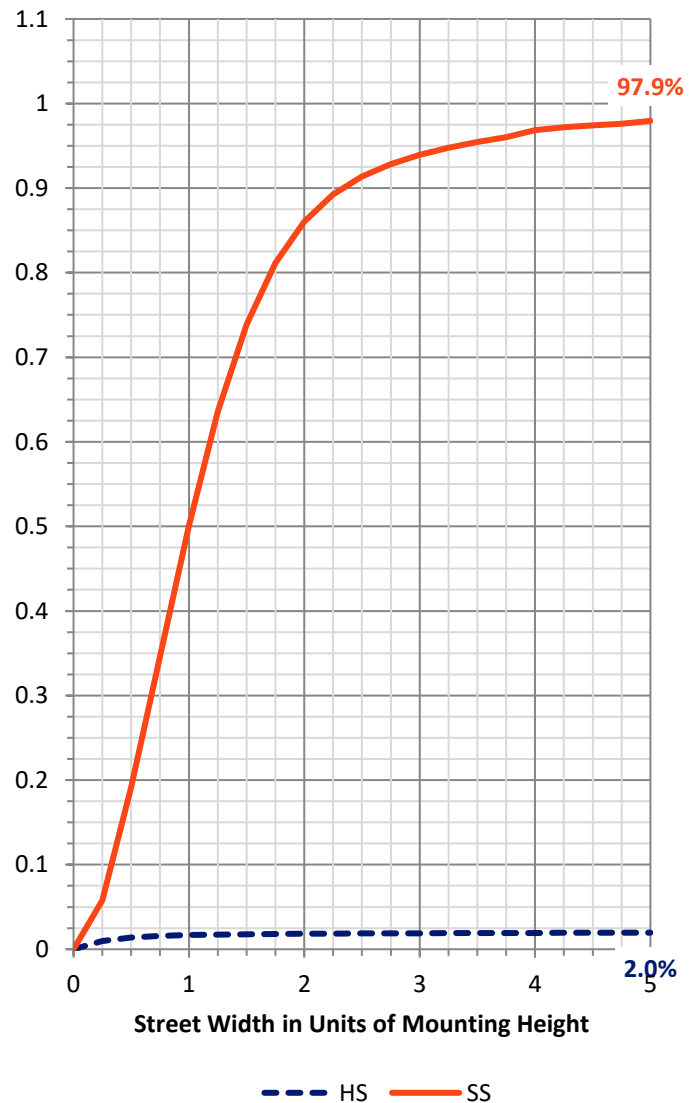
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	82.9	0.0	82.9
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	4045.0	0.0	4045.0
	% Fixture	98.0	0.0	98.0
Total	Lumens	4127.9	0.0	4127.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.0	0.3
10°-20°	67.1	1.6
20°-30°	153.3	3.7
30°-40°	291.7	7.1
40°-50°	585.5	14.2
50°-60°	1036.0	25.1
60°-70°	1353.6	32.8
70°-80°	556.5	13.5
80°-90°	70.1	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°	4127.9	100.0
0°-180°	4127.9	100.0

Coefficient of Utilization



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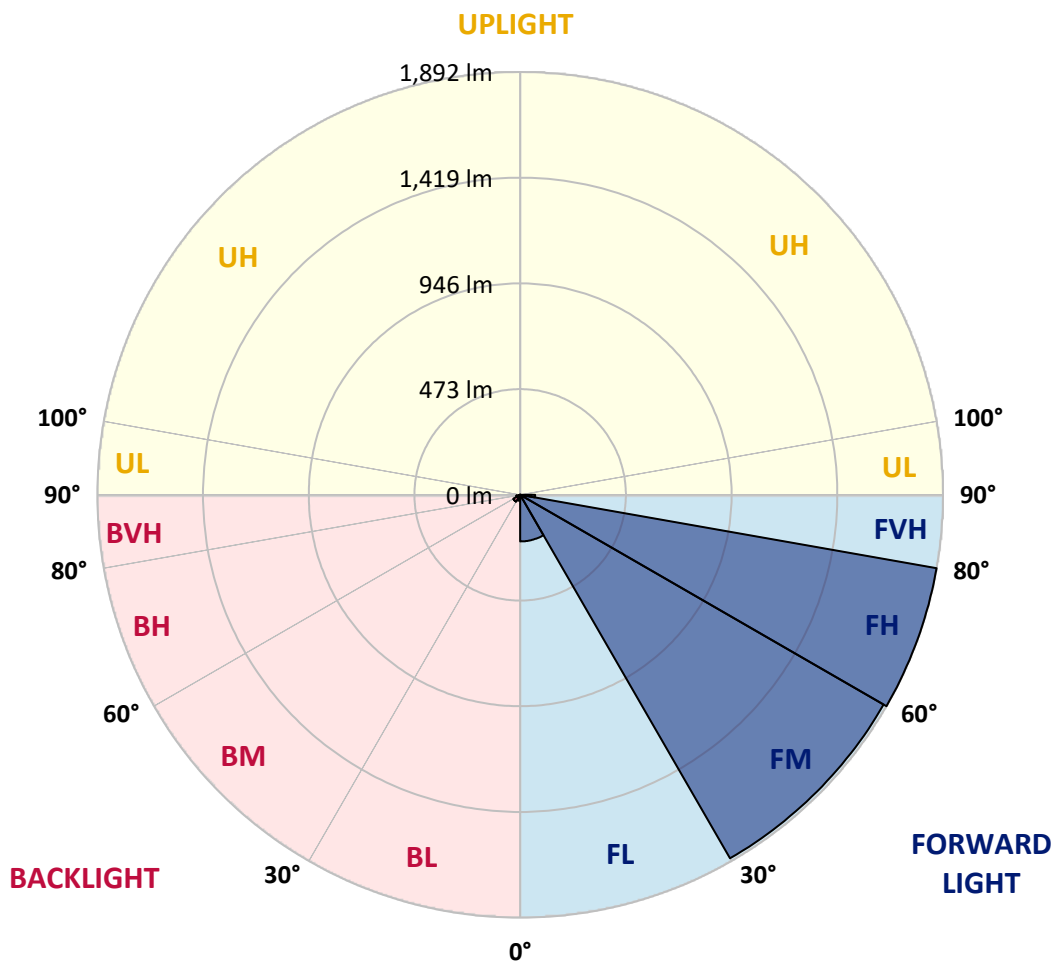
CATALOG NUMBER: AVM-E03-LED-E-U-T3-HSS-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	208.6	5.1			
FM	(30°-60°)	1877.7	45.5			
FH	(60°-80°)	1891.8	45.8			G2/5000
FVH	(80°-90°)	67.0	1.6			G1/100
BL	(0°-30°)	25.9	0.6	B0/110		
BM	(30°-60°)	35.5	0.9	B0/220		
BH	(60°-80°)	18.3	0.4	B0/110		G0/110
BVH	(80°-90°)	3.1	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-G2

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8
2.5°	151.9	149.4	150.2	145.2	141.8	137.6	134.2	133.4	132.5	130.8	131.7
5°	218.6	216.1	210.2	200.0	190.7	176.4	162.0	161.2	158.7	156.1	154.5
7.5°	303.8	299.6	292.9	276.0	253.2	227.9	199.2	196.6	193.3	189.9	186.5
10°	402.6	400.1	387.4	368.0	333.4	292.0	243.9	241.4	233.8	229.6	226.2
12.5°	506.4	495.4	490.4	456.6	416.9	360.4	298.8	289.5	283.6	277.7	269.2
15°	584.9	586.6	574.8	547.8	501.3	435.5	358.7	348.6	340.1	329.2	319.0
17.5°	655.8	652.4	639.7	622.9	579.0	512.3	422.8	409.3	395.8	389.9	375.6
20°	713.2	711.5	701.4	685.3	651.6	587.4	490.4	479.4	464.2	454.1	438.0
22.5°	758.7	758.7	752.8	743.6	710.6	659.2	562.1	550.3	535.1	522.4	504.7
25°	795.0	794.2	795.0	790.8	768.9	721.6	635.5	622.0	609.4	594.2	577.3
27.5°	836.4	838.1	836.4	833.9	824.6	786.6	709.8	700.5	686.2	670.1	653.2
30°	900.5	895.5	894.6	892.9	882.0	858.3	786.6	775.6	764.7	753.7	741.9
32.5°	968.1	959.6	957.1	957.1	949.5	928.4	875.2	869.3	853.3	844.8	834.7
35°	1044.9	1041.5	1038.1	1039.0	1035.6	1013.6	969.7	971.4	966.4	949.5	939.4
37.5°	1157.1	1158.0	1152.0	1141.1	1141.1	1121.7	1096.3	1093.0	1080.3	1076.1	1070.2
40°	1317.5	1313.2	1308.2	1292.2	1286.2	1253.3	1229.7	1221.3	1211.1	1210.3	1203.5
42.5°	1503.1	1498.1	1498.1	1486.3	1474.5	1434.8	1390.1	1384.1	1373.2	1376.5	1374.0
45°	1675.3	1679.5	1685.4	1693.9	1695.6	1678.7	1613.7	1606.1	1600.2	1596.8	1594.3
47.5°	1823.9	1831.5	1850.9	1887.2	1933.6	1939.5	1888.0	1867.8	1863.5	1857.6	1852.6
50°	1930.2	1941.2	1985.1	2056.0	2146.3	2202.0	2174.1	2157.2	2156.4	2140.4	2138.7
52.5°	1991.0	2002.8	2074.5	2181.7	2321.8	2430.7	2465.3	2464.5	2462.8	2448.4	2442.5
55°	2004.5	2017.1	2103.2	2249.2	2449.3	2637.5	2770.0	2773.4	2781.0	2776.7	2776.7
57.5°	1967.3	1983.4	2077.1	2257.7	2515.9	2801.2	3090.7	3110.1	3119.4	3152.3	3190.3
60°	1899.0	1910.8	2004.5	2206.2	2527.8	2950.6	3507.6	3569.2	3617.3	3682.3	3743.9
62.5°	1772.4	1796.0	1885.5	2104.9	2492.3	3122.8	4005.6	4119.5	4213.2	4311.9	4431.0
65°	1618.8	1628.9	1704.9	1896.4	2333.6	3188.6	4280.7	4392.1	4512.0	4617.5	4723.8
67.5°	1426.3	1434.8	1500.6	1582.5	1926.0	2880.5	4009.8	4133.0	4241.1	4328.0	4467.2
70°	934.3	952.9	1114.1	1195.1	1346.2	2129.4	3278.9	3397.9	3480.6	3539.7	3700.9
72.5°	684.5	696.3	761.3	928.4	965.5	1258.4	2307.5	2436.6	2467.0	2578.4	2653.5
75°	417.8	447.3	594.2	795.0	941.0	861.7	1382.5	1444.9	1515.0	1596.0	1667.7
77.5°	84.4	96.2	194.1	547.8	828.0	920.8	825.4	837.2	871.8	879.4	906.4
80°	13.5	14.3	25.3	236.3	479.4	744.4	825.4	814.5	795.0	781.5	768.0
82.5°	5.9	6.8	11.0	59.9	102.1	248.1	714.0	769.7	833.9	869.3	878.6
85°	2.5	2.5	4.2	11.8	15.2	16.9	120.7	159.5	284.4	378.1	435.5
87.5°	1.7	1.7	2.5	2.5	3.4	4.2	5.9	5.9	6.8	7.6	11.0
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8
2.5°	131.7	130.8	130.8	128.3	128.3	127.4	127.4	126.6	126.6	124.9	125.8
5°	153.6	151.9	150.2	147.7	146.9	145.2	143.5	140.9	140.1	138.4	137.6
7.5°	183.1	181.5	178.1	173.0	169.6	166.3	162.9	159.5	157.0	154.5	152.8
10°	219.4	214.4	212.7	202.6	198.3	191.6	187.4	184.0	178.9	174.7	172.2
12.5°	263.3	259.1	250.7	237.2	230.4	224.5	216.9	210.2	205.1	197.5	192.4
15°	308.9	305.5	293.7	278.5	270.1	259.1	251.5	244.8	233.8	228.7	219.4
17.5°	366.3	356.2	344.3	322.4	311.4	302.1	288.6	278.5	271.8	256.6	248.1
20°	425.4	414.4	399.2	374.7	359.5	345.2	334.2	320.7	306.4	296.2	281.9
22.5°	492.9	475.2	463.4	433.0	415.2	400.1	381.5	367.1	352.8	336.8	320.7
25°	564.6	546.9	532.6	498.0	479.4	464.2	442.3	422.0	404.3	386.5	368.0
27.5°	639.7	623.7	607.7	572.2	556.2	535.1	514.8	491.2	468.4	452.4	427.1
30°	726.7	713.2	695.4	657.5	639.7	617.8	596.7	568.8	546.9	525.0	500.5
32.5°	820.4	809.4	790.8	757.1	736.0	717.4	694.6	667.6	636.4	613.6	584.9
35°	934.3	915.7	904.8	872.7	856.7	836.4	812.8	789.1	756.2	724.1	699.7
37.5°	1064.3	1055.8	1041.5	1011.1	999.3	978.2	963.0	939.4	914.0	873.5	847.4
40°	1197.6	1191.7	1179.1	1148.7	1136.9	1122.5	1104.8	1082.0	1051.6	1030.5	991.7
42.5°	1367.3	1358.0	1347.9	1319.2	1296.4	1278.6	1271.1	1251.6	1219.6	1192.6	1162.2
45°	1582.5	1578.3	1564.8	1536.1	1513.3	1501.5	1489.6	1456.7	1435.6	1408.6	1387.5
47.5°	1842.4	1828.9	1822.2	1790.1	1782.5	1773.2	1742.8	1724.3	1693.9	1672.8	1646.6
50°	2123.5	2109.1	2110.0	2071.2	2072.8	2066.1	2043.3	2021.4	1995.2	1976.6	1960.6
52.5°	2425.6	2432.4	2415.5	2427.3	2413.8	2398.6	2394.4	2367.4	2344.6	2343.8	2321.8
55°	2797.0	2786.0	2790.2	2802.0	2783.5	2800.4	2791.9	2757.3	2758.2	2764.9	2739.6
57.5°	3196.2	3212.2	3246.8	3254.4	3286.5	3264.6	3321.9	3280.6	3305.9	3305.9	3289.0
60°	3781.9	3846.1	3929.6	3994.6	4054.5	4035.1	4110.2	4063.0	4096.7	4068.0	4053.7
62.5°	4487.5	4572.7	4671.5	4777.0	4837.8	4852.9	4842.0	4863.1	4830.2	4809.1	4754.2
65°	4826.8	4911.2	4997.3	5123.9	5140.7	5153.4	5148.3	5112.9	5072.4	5012.5	4940.7
67.5°	4544.9	4663.0	4711.2	4857.2	4906.1	4888.4	4894.3	4848.7	4785.4	4726.3	4620.9
70°	3768.4	3903.5	3928.8	4138.1	4196.3	4280.7	4250.3	4236.8	4167.6	4117.8	4001.4
72.5°	2743.8	2849.3	2840.9	3076.3	3066.2	3100.8	3182.7	3179.3	3106.7	3090.7	2992.8
75°	1688.8	1752.1	1748.7	1915.9	1845.8	1835.7	1858.5	1848.3	1780.0	1709.1	1648.3
77.5°	894.6	923.3	892.9	843.1	838.1	781.5	765.5	764.7	712.3	648.2	600.9
80°	753.7	724.1	688.7	616.1	573.9	535.9	500.5	467.6	432.1	384.9	327.5
82.5°	880.3	865.9	840.6	749.5	705.6	629.6	573.1	519.9	454.9	406.0	332.5
85°	428.7	427.9	448.2	438.9	422.8	419.5	363.8	351.9	325.8	298.8	249.8
87.5°	11.8	8.4	10.1	8.4	10.1	11.0	7.6	17.7	11.0	10.1	11.8
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°	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8
2.5°	124.9	124.1	123.2	123.2	122.4	122.4	121.5	120.7	120.7	119.8	119.8
5°	135.9	134.2	133.4	132.5	130.8	130.0	128.3	127.4	125.8	124.9	123.2
7.5°	149.4	147.7	144.3	142.6	140.1	139.3	135.0	133.4	131.7	130.0	127.4
10°	166.3	162.0	158.7	155.3	151.1	147.7	144.3	141.8	138.4	134.2	132.5
12.5°	187.4	181.5	176.4	170.5	165.4	160.4	154.5	150.2	145.2	140.9	136.7
15°	211.0	202.6	195.8	187.4	178.9	173.0	167.1	161.2	154.5	148.5	143.5
17.5°	238.0	227.0	217.7	207.6	198.3	189.9	179.8	172.2	164.6	156.1	149.4
20°	266.7	255.7	243.1	232.1	218.6	209.3	196.6	186.5	175.6	167.1	157.8
22.5°	304.7	290.3	274.3	259.1	244.8	230.4	216.9	204.2	190.7	178.1	168.8
25°	349.4	331.7	311.4	296.2	276.0	259.9	243.1	227.0	212.7	196.6	181.5
27.5°	405.1	381.5	359.5	338.4	316.5	296.2	274.3	255.7	236.3	217.7	200.9
30°	470.1	447.3	414.4	390.8	368.8	341.0	319.0	294.6	272.6	245.6	227.0
32.5°	556.2	526.7	492.0	460.8	432.1	400.9	370.5	339.3	310.6	286.1	258.3
35°	668.4	633.8	592.5	552.8	520.7	482.8	443.9	408.5	375.6	340.1	305.5
37.5°	810.2	778.2	733.4	685.3	642.3	596.7	556.2	506.4	462.5	419.5	375.6
40°	951.2	921.6	875.2	823.7	768.0	715.7	664.2	607.7	552.0	498.0	452.4
42.5°	1125.0	1081.2	1031.4	973.1	919.1	856.7	792.5	727.5	660.8	595.9	530.9
45°	1343.6	1309.9	1239.8	1177.4	1113.2	1039.8	960.5	886.2	800.9	724.1	638.1
47.5°	1609.5	1548.7	1497.2	1439.8	1359.7	1288.8	1187.5	1099.7	993.4	891.3	788.3
50°	1923.5	1889.7	1821.3	1749.6	1662.7	1578.3	1479.5	1352.9	1225.5	1116.6	975.7
52.5°	2290.6	2242.5	2199.4	2125.2	2036.6	1928.5	1816.3	1678.7	1522.6	1369.0	1218.7
55°	2726.1	2692.3	2651.0	2591.9	2478.8	2356.4	2221.4	2056.8	1872.0	1665.2	1490.5
57.5°	3288.2	3252.7	3213.1	3091.5	3014.7	2864.5	2668.7	2498.2	2299.0	2034.0	1817.1
60°	4055.4	4007.3	3951.6	3852.8	3692.5	3497.5	3287.3	3035.0	2791.1	2501.6	2217.2
62.5°	4711.2	4634.4	4515.4	4387.9	4195.5	3971.8	3707.7	3410.6	3132.9	2807.1	2490.6
65°	4846.2	4740.7	4600.6	4434.3	4236.0	3983.6	3707.7	3423.2	3096.6	2790.2	2472.0
67.5°	4495.1	4372.7	4229.2	4043.6	3854.5	3594.6	3356.6	3067.1	2759.9	2494.8	2210.4
70°	3917.8	3736.3	3589.5	3392.0	3200.4	2996.2	2745.5	2528.6	2278.8	2034.9	1817.1
72.5°	2942.2	2763.2	2629.9	2472.0	2358.1	2142.0	1958.1	1796.0	1648.3	1466.0	1304.8
75°	1585.9	1451.7	1362.2	1290.5	1188.3	1045.7	957.9	846.5	784.1	708.1	634.7
77.5°	517.4	455.8	389.1	324.1	278.5	209.3	202.6	161.2	151.9	147.7	113.9
80°	265.0	204.2	147.7	106.3	81.0	71.7	68.4	65.0	61.6	59.1	54.9
82.5°	265.9	192.4	132.5	92.0	66.7	55.7	52.3	50.6	48.1	45.6	42.2
85°	194.1	143.5	98.7	67.5	46.4	37.1	35.4	32.9	31.2	30.4	27.0
87.5°	12.7	9.3	8.4	7.6	7.6	7.6	8.4	7.6	8.4	8.4	7.6
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8
2.5°	119.0	118.2	118.2	117.3	116.5	116.5	115.6	115.6	113.1	108.9	105.5
5°	122.4	120.7	119.8	119.0	118.2	116.5	115.6	114.8	110.6	102.1	95.4
7.5°	124.9	123.2	122.4	120.7	118.2	117.3	115.6	113.9	107.2	95.4	87.8
10°	129.1	126.6	124.1	121.5	119.0	117.3	114.8	113.1	103.0	89.5	81.9
12.5°	133.4	130.0	126.6	122.4	119.8	117.3	114.8	111.4	99.6	84.4	76.0
15°	138.4	133.4	129.1	124.9	120.7	117.3	113.1	110.6	96.2	80.2	72.6
17.5°	143.5	137.6	131.7	125.8	121.5	116.5	113.1	108.9	92.8	76.8	68.4
20°	149.4	140.9	135.0	128.3	122.4	116.5	111.4	107.2	89.5	72.6	64.1
22.5°	157.8	147.7	138.4	130.8	123.2	117.3	111.4	105.5	86.1	69.2	60.8
25°	168.8	156.1	145.2	135.9	126.6	119.0	112.3	106.3	83.6	66.7	56.5
27.5°	184.8	168.8	157.0	144.3	132.5	123.2	114.8	108.0	81.9	64.1	54.0
30°	204.2	188.2	169.6	154.5	141.8	129.1	119.8	109.7	80.2	61.6	50.6
32.5°	232.9	210.2	188.2	169.6	151.9	137.6	124.1	113.9	79.3	57.4	47.3
35°	274.3	243.1	216.9	192.4	168.0	150.2	134.2	120.7	78.5	54.0	43.9
37.5°	333.4	296.2	262.5	227.9	197.5	172.2	150.2	132.5	78.5	51.5	40.5
40°	396.7	348.6	305.5	262.5	223.7	191.6	162.0	140.1	76.8	48.1	37.1
42.5°	468.4	409.3	350.3	297.1	249.0	207.6	173.0	146.0	72.6	44.7	33.8
45°	564.6	487.0	416.1	347.7	285.3	231.3	187.4	152.8	68.4	42.2	30.4
47.5°	685.3	595.0	503.0	416.9	335.1	266.7	208.5	163.7	65.8	38.8	27.9
50°	865.1	736.8	615.3	505.6	401.7	312.3	239.7	179.8	63.3	36.3	25.3
52.5°	1062.6	904.8	762.1	621.2	492.0	373.9	276.0	200.9	60.8	33.8	22.8
55°	1303.1	1109.0	935.1	752.0	586.6	445.6	320.7	224.5	57.4	31.2	21.1
57.5°	1600.2	1354.6	1148.7	925.0	717.4	538.5	380.6	264.2	54.0	27.9	18.6
60°	1931.9	1654.2	1395.1	1132.6	881.1	661.7	469.3	320.7	50.6	24.5	16.0
62.5°	2170.7	1866.1	1569.8	1275.3	999.3	753.7	541.0	364.6	45.6	21.1	14.3
65°	2168.2	1859.3	1561.4	1271.1	1002.7	757.1	543.5	373.0	40.5	18.6	12.7
67.5°	1931.9	1671.9	1406.1	1145.3	910.7	688.7	503.0	346.0	34.6	16.9	11.0
70°	1589.2	1382.5	1172.3	965.5	777.3	589.9	434.7	301.3	29.5	15.2	9.3
72.5°	1160.5	1009.4	881.1	735.1	606.8	465.9	346.9	236.3	23.6	12.7	8.4
75°	576.4	515.7	442.3	396.7	338.4	276.8	215.2	137.6	19.4	10.1	7.6
77.5°	109.7	97.9	93.7	81.0	74.3	65.8	58.2	41.4	15.2	7.6	6.8
80°	50.6	46.4	42.2	38.0	33.8	28.7	25.3	21.9	11.8	5.9	7.6
82.5°	39.7	36.3	32.1	28.7	25.3	21.9	18.6	16.0	7.6	5.1	7.6
85°	26.2	22.8	20.3	17.7	15.2	13.5	11.8	10.1	5.1	5.1	5.1
87.5°	7.6	7.6	6.8	6.8	5.9	5.9	5.1	5.1	4.2	4.2	4.2
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°	114.8	114.8	114.8	114.8	114.8	114.8	114.8
2.5°	102.1	97.9	96.2	95.4	95.4	96.2	95.4
5°	90.3	86.1	84.4	82.7	82.7	82.7	83.6
7.5°	82.7	78.5	76.0	75.1	74.3	75.1	75.1
10°	76.0	72.6	69.2	67.5	67.5	67.5	67.5
12.5°	70.9	66.7	63.3	62.5	61.6	61.6	61.6
15°	66.7	61.6	59.1	57.4	56.5	56.5	57.4
17.5°	61.6	57.4	54.0	53.2	53.2	53.2	53.2
20°	58.2	53.2	50.6	49.0	49.0	49.0	49.0
22.5°	54.0	49.8	46.4	44.7	44.7	44.7	44.7
25°	50.6	46.4	43.0	41.4	41.4	41.4	41.4
27.5°	47.3	43.0	39.7	38.0	38.0	38.0	38.0
30°	43.9	39.7	36.3	34.6	34.6	34.6	34.6
32.5°	41.4	36.3	32.9	31.2	31.2	32.1	31.2
35°	37.1	32.9	29.5	27.9	27.9	27.9	27.9
37.5°	33.8	29.5	26.2	24.5	24.5	24.5	23.6
40°	31.2	26.2	22.8	21.1	20.3	20.3	20.3
42.5°	27.0	21.9	19.4	17.7	16.9	16.9	16.9
45°	24.5	19.4	16.0	14.3	14.3	14.3	14.3
47.5°	21.9	16.9	13.5	11.8	11.8	12.7	12.7
50°	19.4	14.3	11.0	11.0	11.0	11.8	11.8
52.5°	16.9	12.7	10.1	10.1	11.0	11.8	11.8
55°	15.2	11.0	9.3	10.1	11.0	11.8	11.8
57.5°	13.5	9.3	9.3	10.1	11.0	11.8	11.8
60°	11.8	8.4	8.4	9.3	11.0	11.8	11.8
62.5°	10.1	8.4	8.4	9.3	11.0	11.8	11.8
65°	9.3	8.4	8.4	9.3	11.0	11.8	11.8
67.5°	8.4	7.6	8.4	9.3	10.1	11.0	11.0
70°	7.6	7.6	8.4	9.3	10.1	11.0	11.0
72.5°	7.6	7.6	7.6	8.4	9.3	10.1	10.1
75°	7.6	7.6	7.6	8.4	9.3	10.1	10.1
77.5°	7.6	6.8	6.8	7.6	9.3	10.1	10.1
80°	7.6	6.8	6.8	7.6	8.4	10.1	10.1
82.5°	5.9	5.9	6.8	7.6	8.4	9.3	9.3
85°	5.1	5.9	5.9	6.8	7.6	9.3	9.3
87.5°	4.2	4.2	5.1	5.9	6.8	7.6	7.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)