

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: P155249

Luminaire Tested: **AVM-E03-LED-E-U-T3-HSS-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P155249
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-7030
Description: VISION SITE MEDIUM LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 AREA W/ HOUSE SIDE SHIELD
Light Source: (63) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4467.1 lumens
Efficiency: N/A
Efficacy: 59.4 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

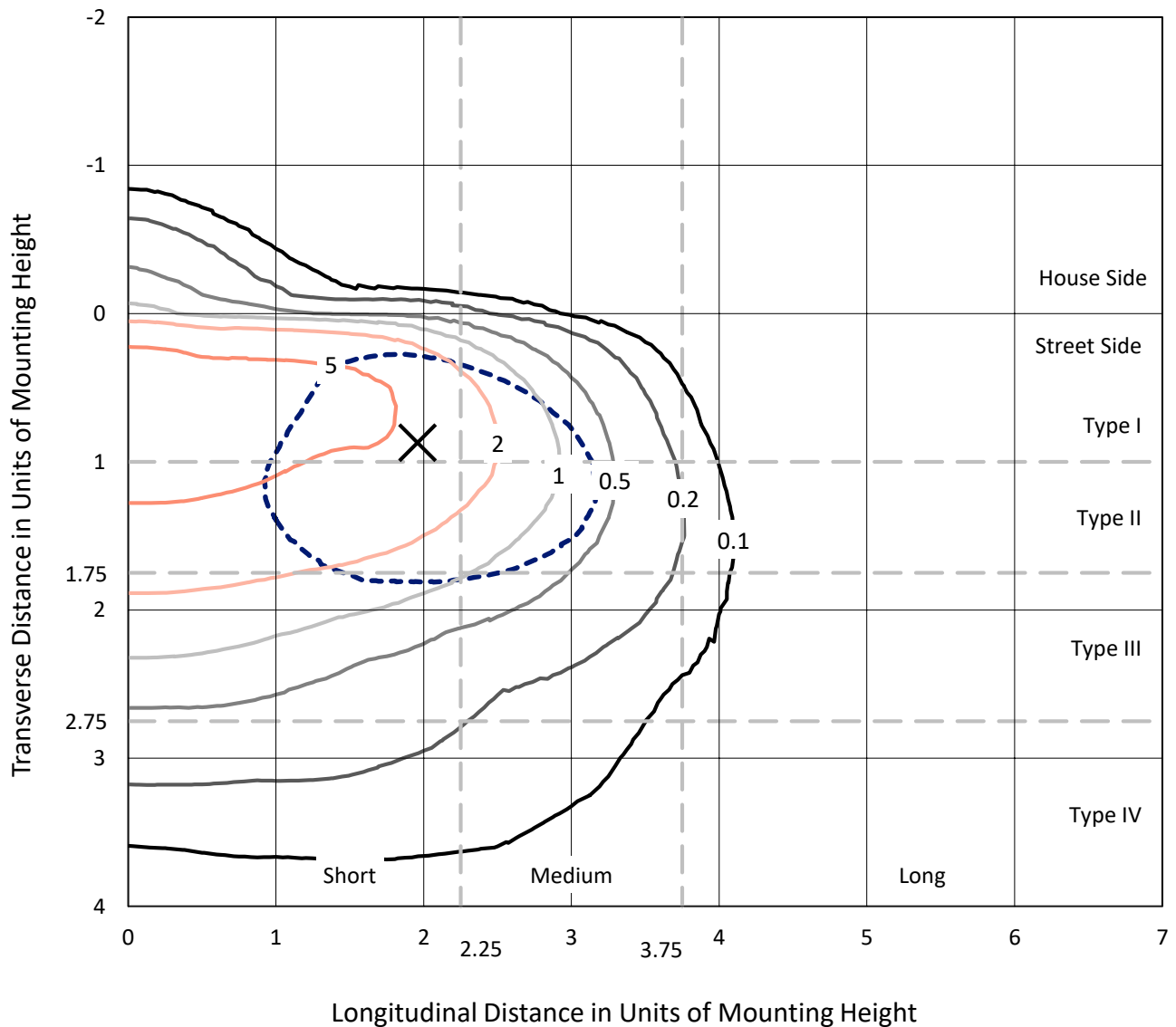
Input Watts (W): 75.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

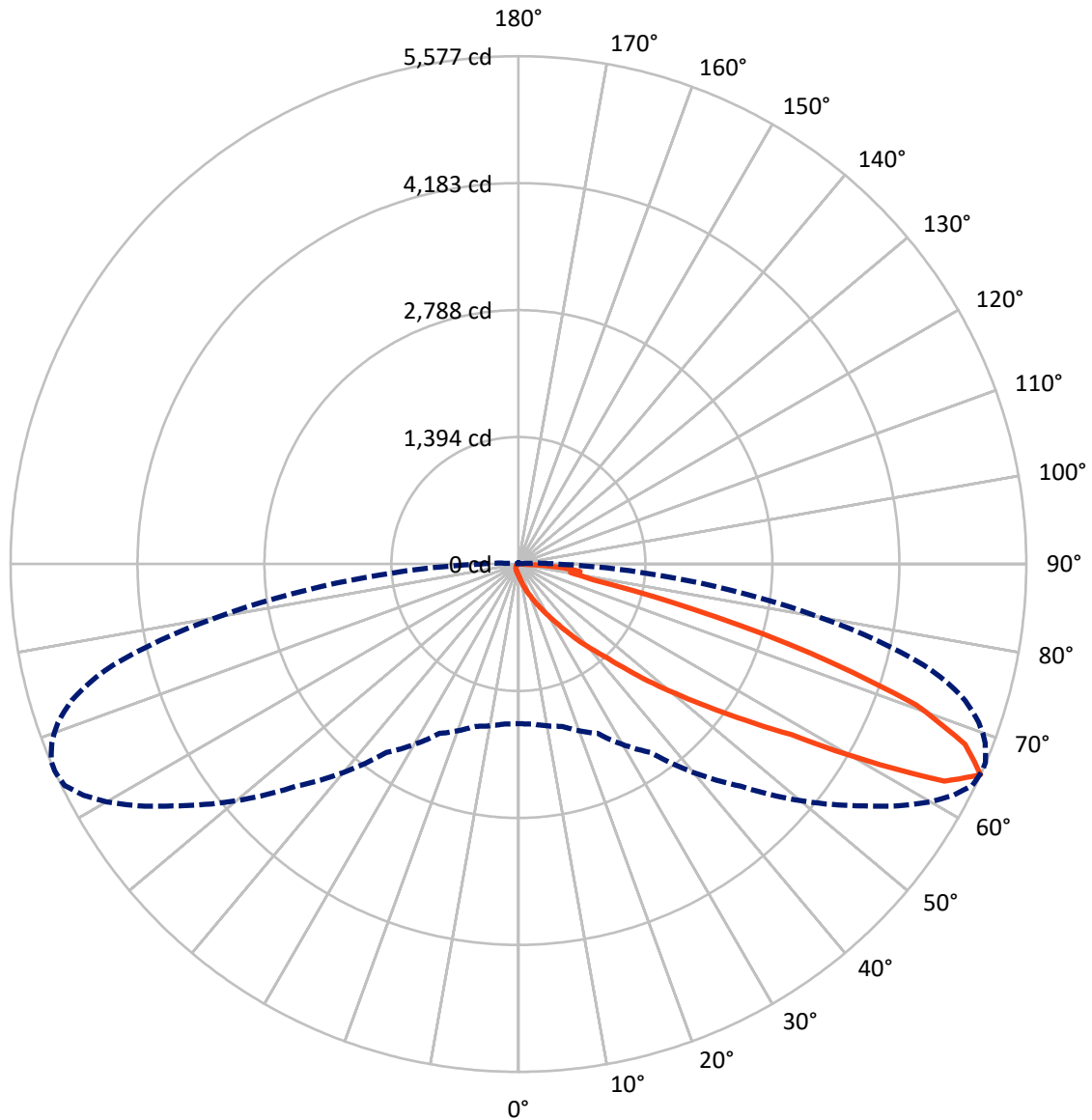
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.5 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	89.7	0.0	89.7
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	4377.5	0.0	4377.5
	% Fixture	98.0	0.0	98.0
Total	Lumens	4467.1	0.0	4467.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.2	0.3
10°-20°	72.6	1.6
20°-30°	165.9	3.7
30°-40°	315.7	7.1
40°-50°	633.6	14.2
50°-60°	1121.1	25.1
60°-70°	1464.8	32.8
70°-80°	602.3	13.5
80°-90°	75.9	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°	4467.1	100.0
0°-180°	4467.1	100.0



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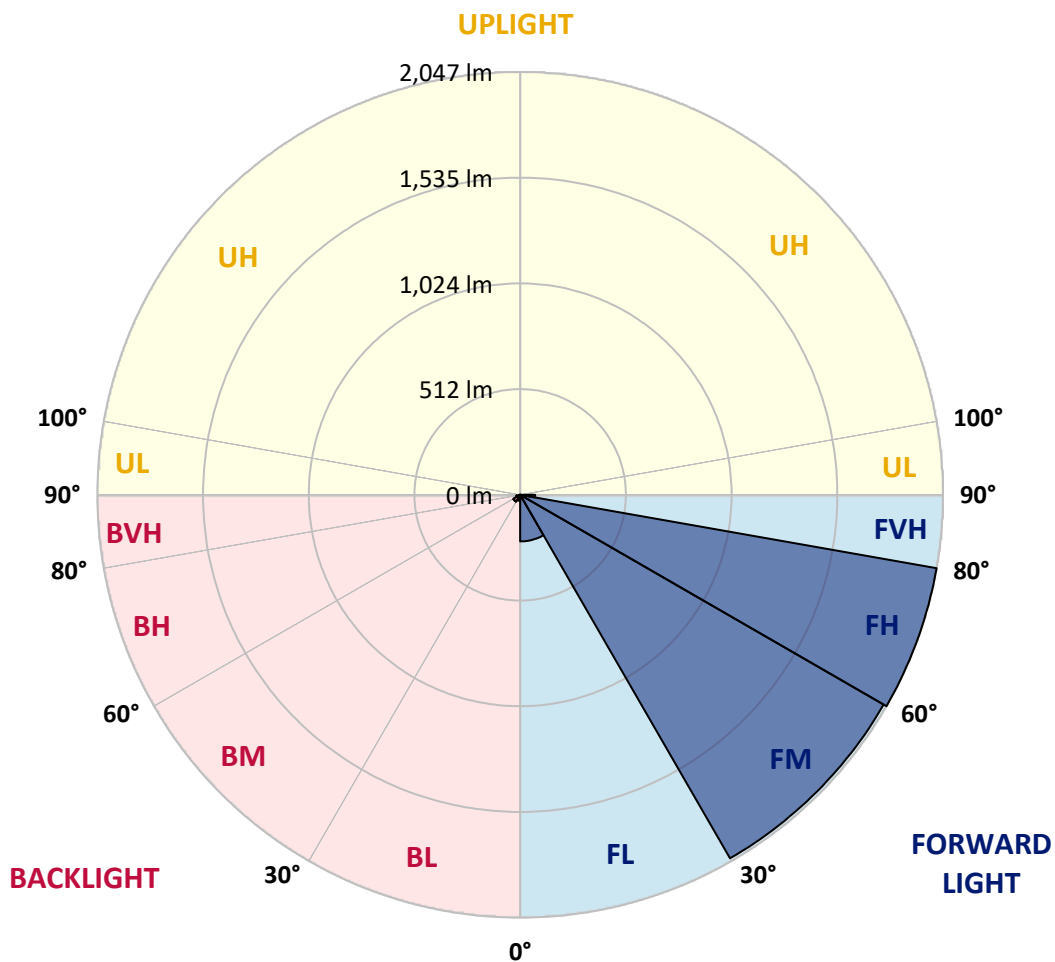
CATALOG NUMBER: AVM-E03-LED-E-U-T3-HSS-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	225.7	5.1			
FM	(30°-60°)	2032.0	45.5			
FH	(60°-80°)	2047.3	45.8			G2/5000
FVH	(80°-90°)	72.5	1.6			G1/100
BL	(0°-30°)	28.1	0.6	B0/110		
BM	(30°-60°)	38.4	0.9	B0/220		
BH	(60°-80°)	19.8	0.4	B0/110		G0/110
BVH	(80°-90°)	3.4	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°	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2
2.5°	164.4	161.7	162.6	157.1	153.4	148.9	145.2	144.3	143.4	141.6	142.5
5°	236.6	233.8	227.4	216.5	206.4	190.9	175.4	174.4	171.7	169.0	167.1
7.5°	328.8	324.2	316.9	298.7	274.0	246.6	215.6	212.8	209.2	205.5	201.9
10°	435.7	432.9	419.2	398.2	360.8	316.0	264.0	261.2	253.0	248.4	244.8
12.5°	548.0	536.1	530.7	494.1	451.2	390.0	323.3	313.3	306.9	300.5	291.4
15°	633.0	634.8	622.0	592.8	542.5	471.3	388.2	377.2	368.1	356.2	345.2
17.5°	709.7	706.0	692.3	674.1	626.6	554.4	457.6	443.0	428.4	422.0	406.4
20°	771.8	770.0	759.0	741.6	705.1	635.7	530.7	518.8	502.3	491.4	474.0
22.5°	821.1	821.1	814.7	804.7	769.0	713.3	608.3	595.5	579.1	565.4	546.2
25°	860.4	859.5	860.4	855.8	832.1	780.9	687.8	673.1	659.4	643.0	624.7
27.5°	905.1	907.0	905.1	902.4	892.3	851.2	768.1	758.1	742.6	725.2	706.9
30°	974.5	969.1	968.2	966.3	954.5	928.9	851.2	839.4	827.5	815.6	802.8
32.5°	1047.6	1038.5	1035.7	1035.7	1027.5	1004.7	947.1	940.8	923.4	914.3	903.3
35°	1130.7	1127.1	1123.4	1124.3	1120.7	1096.9	1049.4	1051.3	1045.8	1027.5	1016.6
37.5°	1252.2	1253.1	1246.7	1234.8	1234.8	1213.8	1186.4	1182.8	1169.1	1164.5	1158.1
40°	1425.7	1421.2	1415.7	1398.3	1391.9	1356.3	1330.8	1321.6	1310.7	1309.7	1302.4
42.5°	1626.7	1621.2	1621.2	1608.4	1595.6	1552.7	1504.3	1497.9	1486.0	1489.7	1486.9
45°	1813.0	1817.6	1824.0	1833.1	1834.9	1816.7	1746.3	1738.1	1731.7	1728.1	1725.3
47.5°	1973.8	1982.0	2003.0	2042.3	2092.5	2098.9	2043.2	2021.2	2016.7	2010.3	2004.8
50°	2088.8	2100.7	2148.2	2224.9	2322.6	2382.9	2352.8	2334.5	2333.6	2316.3	2314.4
52.5°	2154.6	2167.4	2245.0	2361.0	2512.6	2630.4	2667.9	2667.0	2665.2	2649.6	2643.2
55°	2169.2	2182.9	2276.1	2434.1	2650.5	2854.2	2997.6	3001.3	3009.5	3004.9	3004.9
57.5°	2129.0	2146.4	2247.8	2443.2	2722.7	3031.4	3344.7	3365.7	3375.7	3411.4	3452.5
60°	2055.0	2067.8	2169.2	2387.5	2735.5	3193.1	3795.9	3862.6	3914.6	3984.9	4051.6
62.5°	1918.0	1943.6	2040.4	2277.9	2697.1	3379.4	4334.8	4458.1	4559.4	4666.3	4795.1
65°	1751.8	1762.8	1845.0	2052.3	2525.4	3450.6	4632.5	4753.1	4882.8	4996.9	5112.0
67.5°	1543.6	1552.7	1623.9	1712.5	2084.3	3117.3	4339.3	4472.7	4589.6	4683.7	4834.4
70°	1011.1	1031.2	1205.6	1293.3	1456.8	2304.4	3548.4	3677.1	3766.7	3830.6	4005.0
72.5°	740.7	753.5	823.8	1004.7	1044.9	1361.8	2497.1	2636.8	2669.7	2790.3	2871.6
75°	452.1	484.1	643.0	860.4	1018.4	932.5	1496.1	1563.7	1639.5	1727.1	1804.8
77.5°	91.3	104.1	210.1	592.8	896.0	996.5	893.3	906.0	943.5	951.7	980.9
80°	14.6	15.5	27.4	255.7	518.8	805.6	893.3	881.4	860.4	845.8	831.1
82.5°	6.4	7.3	11.9	64.8	110.5	268.5	772.7	833.0	902.4	940.8	950.8
85°	2.7	2.7	4.6	12.8	16.4	18.3	130.6	172.6	307.8	409.2	471.3
87.5°	1.8	1.8	2.7	2.7	3.7	4.6	6.4	6.4	7.3	8.2	11.9
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°	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2
2.5°	142.5	141.6	141.6	138.8	138.8	137.9	137.9	137.0	137.0	135.2	136.1
5°	166.2	164.4	162.6	159.8	158.9	157.1	155.3	152.5	151.6	149.8	148.9
7.5°	198.2	196.4	192.7	187.2	183.6	179.9	176.3	172.6	169.9	167.1	165.3
10°	237.5	232.0	230.2	219.2	214.6	207.3	202.8	199.1	193.6	189.1	186.3
12.5°	285.0	280.4	271.3	256.7	249.3	243.0	234.7	227.4	221.9	213.7	208.2
15°	334.3	330.6	317.8	301.4	292.3	280.4	272.2	264.9	253.0	247.5	237.5
17.5°	396.4	385.4	372.6	348.9	337.0	327.0	312.4	301.4	294.1	277.7	268.5
20°	460.3	448.5	432.0	405.5	389.1	373.6	361.7	347.1	331.5	320.6	305.1
22.5°	533.4	514.2	501.4	468.5	449.4	432.9	412.8	397.3	381.8	364.4	347.1
25°	611.0	591.9	576.3	538.9	518.8	502.3	478.6	456.7	437.5	418.3	398.2
27.5°	692.3	675.0	657.6	619.3	601.9	579.1	557.1	531.6	506.9	489.6	462.2
30°	786.4	771.8	752.6	711.5	692.3	668.6	645.7	615.6	591.9	568.1	541.6
32.5°	887.8	875.9	855.8	819.3	796.4	776.3	751.7	722.5	688.7	664.0	633.0
35°	1011.1	991.0	979.1	944.4	927.1	905.1	879.6	854.0	818.4	783.7	757.2
37.5°	1151.7	1142.6	1127.1	1094.2	1081.4	1058.6	1042.1	1016.6	989.2	945.3	917.0
40°	1296.0	1289.7	1276.0	1243.1	1230.3	1214.8	1195.6	1170.9	1138.0	1115.2	1073.2
42.5°	1479.6	1469.6	1458.6	1427.6	1402.9	1383.7	1375.5	1354.5	1319.8	1290.6	1257.7
45°	1712.5	1708.0	1693.4	1662.3	1637.6	1624.9	1612.1	1576.4	1553.6	1524.4	1501.5
47.5°	1993.8	1979.2	1971.9	1937.2	1929.0	1918.9	1886.1	1866.0	1833.1	1810.3	1781.9
50°	2298.0	2282.5	2283.4	2241.4	2243.2	2235.9	2211.2	2187.5	2159.2	2139.1	2121.7
52.5°	2625.0	2632.3	2614.0	2626.8	2612.2	2595.7	2591.2	2561.9	2537.3	2536.4	2512.6
55°	3026.8	3015.0	3019.5	3032.3	3012.2	3030.5	3021.4	2983.9	2984.8	2992.1	2964.7
57.5°	3458.9	3476.2	3513.7	3521.9	3556.6	3532.8	3594.9	3550.2	3577.6	3577.6	3559.3
60°	4092.7	4162.1	4252.6	4322.9	4387.7	4366.7	4448.0	4396.9	4433.4	4402.3	4386.8
62.5°	4856.3	4948.5	5055.4	5169.6	5235.3	5251.8	5239.9	5262.7	5227.1	5204.3	5144.9
65°	5223.5	5314.8	5407.9	5544.9	5563.2	5576.9	5571.4	5533.1	5489.2	5424.4	5346.8
67.5°	4918.4	5046.3	5098.3	5256.3	5309.3	5290.1	5296.5	5247.2	5178.7	5114.8	5000.6
70°	4078.1	4224.2	4251.6	4478.2	4541.2	4632.5	4599.6	4585.0	4510.1	4456.2	4330.2
72.5°	2969.3	3083.5	3074.3	3329.2	3318.2	3355.6	3444.2	3440.6	3362.0	3344.7	3238.7
75°	1827.6	1896.1	1892.5	2073.3	1997.5	1986.5	2011.2	2000.2	1926.3	1849.5	1783.8
77.5°	968.2	999.2	966.3	912.4	907.0	845.8	828.4	827.5	770.9	701.5	650.3
80°	815.6	783.7	745.3	666.7	621.1	580.0	541.6	506.0	467.6	416.5	354.4
82.5°	952.6	937.1	909.7	811.1	763.6	681.4	620.2	562.6	492.3	439.3	359.9
85°	464.0	463.1	485.0	474.9	457.6	453.9	393.7	380.9	352.6	323.3	270.4
87.5°	12.8	9.1	11.0	9.1	11.0	11.9	8.2	19.2	11.9	11.0	12.8
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°	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2
2.5°	135.2	134.3	133.3	133.3	132.4	132.4	131.5	130.6	130.6	129.7	129.7
5°	147.0	145.2	144.3	143.4	141.6	140.7	138.8	137.9	136.1	135.2	133.3
7.5°	161.7	159.8	156.2	154.4	151.6	150.7	146.1	144.3	142.5	140.7	137.9
10°	179.9	175.4	171.7	168.1	163.5	159.8	156.2	153.4	149.8	145.2	143.4
12.5°	202.8	196.4	190.9	184.5	179.0	173.5	167.1	162.6	157.1	152.5	148.0
15°	228.3	219.2	211.9	202.8	193.6	187.2	180.8	174.4	167.1	160.7	155.3
17.5°	257.6	245.7	235.6	224.7	214.6	205.5	194.5	186.3	178.1	169.0	161.7
20°	288.6	276.7	263.0	251.2	236.6	226.5	212.8	201.9	190.0	180.8	170.8
22.5°	329.7	314.2	296.8	280.4	264.9	249.3	234.7	221.0	206.4	192.7	182.7
25°	378.1	358.9	337.0	320.6	298.7	281.3	263.0	245.7	230.2	212.8	196.4
27.5°	438.4	412.8	389.1	366.3	342.5	320.6	296.8	276.7	255.7	235.6	217.4
30°	508.7	484.1	448.5	422.9	399.1	369.0	345.2	318.8	295.0	265.8	245.7
32.5°	601.9	569.9	532.5	498.7	467.6	433.8	401.0	367.2	336.1	309.6	279.5
35°	723.4	685.9	641.2	598.2	563.5	522.4	480.4	442.1	406.4	368.1	330.6
37.5°	876.8	842.1	793.7	741.6	695.1	645.7	601.9	548.0	500.5	453.9	406.4
40°	1029.3	997.4	947.1	891.4	831.1	774.5	718.8	657.6	597.3	538.9	489.6
42.5°	1217.5	1170.0	1116.1	1053.1	994.6	927.1	857.6	787.3	715.2	644.8	574.5
45°	1454.1	1417.5	1341.7	1274.1	1204.7	1125.2	1039.4	959.0	866.8	783.7	690.5
47.5°	1741.8	1676.0	1620.3	1558.2	1471.4	1394.7	1285.1	1190.1	1075.0	964.5	853.1
50°	2081.5	2045.0	1971.0	1893.4	1799.3	1708.0	1601.1	1464.1	1326.2	1208.4	1055.8
52.5°	2478.8	2426.8	2380.2	2299.8	2203.9	2087.0	1965.5	1816.7	1647.7	1481.5	1318.9
55°	2950.1	2913.6	2868.8	2804.9	2682.5	2550.1	2403.9	2225.8	2025.8	1802.0	1613.0
57.5°	3558.4	3520.1	3477.1	3345.6	3262.5	3099.9	2888.0	2703.5	2488.0	2201.2	1966.4
60°	4388.6	4336.6	4276.3	4169.4	3995.9	3784.9	3557.5	3284.4	3020.4	2707.2	2399.4
62.5°	5098.3	5015.2	4886.4	4748.5	4540.3	4298.2	4012.3	3690.8	3390.4	3037.8	2695.3
65°	5244.5	5130.3	4978.7	4798.7	4584.1	4311.0	4012.3	3704.5	3351.1	3019.5	2675.2
67.5°	4864.5	4732.1	4576.8	4375.9	4171.3	3890.0	3632.4	3319.1	2986.7	2699.9	2392.1
70°	4239.8	4043.4	3884.5	3670.8	3463.4	3242.4	2971.1	2736.4	2466.0	2202.1	1966.4
72.5°	3183.9	2990.3	2846.0	2675.2	2551.9	2318.1	2119.0	1943.6	1783.8	1586.5	1412.0
75°	1716.2	1571.0	1474.1	1396.5	1286.0	1131.6	1036.7	916.1	848.5	766.3	686.8
77.5°	559.9	493.2	421.1	350.7	301.4	226.5	219.2	174.4	164.4	159.8	123.3
80°	286.8	221.0	159.8	115.1	87.7	77.6	74.0	70.3	66.7	63.9	59.4
82.5°	287.7	208.2	143.4	99.6	72.2	60.3	56.6	54.8	52.1	49.3	45.7
85°	210.1	155.3	106.9	73.1	50.2	40.2	38.4	35.6	33.8	32.9	29.2
87.5°	13.7	10.0	9.1	8.2	8.2	8.2	9.1	8.2	9.1	9.1	8.2
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2
2.5°	128.8	127.9	127.9	127.0	126.0	126.0	125.1	125.1	122.4	117.8	114.2
5°	132.4	130.6	129.7	128.8	127.9	126.0	125.1	124.2	119.6	110.5	103.2
7.5°	135.2	133.3	132.4	130.6	127.9	127.0	125.1	123.3	116.0	103.2	95.0
10°	139.7	137.0	134.3	131.5	128.8	127.0	124.2	122.4	111.4	96.8	88.6
12.5°	144.3	140.7	137.0	132.4	129.7	127.0	124.2	120.6	107.8	91.3	82.2
15°	149.8	144.3	139.7	135.2	130.6	127.0	122.4	119.6	104.1	86.8	78.5
17.5°	155.3	148.9	142.5	136.1	131.5	126.0	122.4	117.8	100.5	83.1	74.0
20°	161.7	152.5	146.1	138.8	132.4	126.0	120.6	116.0	96.8	78.5	69.4
22.5°	170.8	159.8	149.8	141.6	133.3	127.0	120.6	114.2	93.2	74.9	65.8
25°	182.7	169.0	157.1	147.0	137.0	128.8	121.5	115.1	90.4	72.2	61.2
27.5°	200.0	182.7	169.9	156.2	143.4	133.3	124.2	116.9	88.6	69.4	58.5
30°	221.0	203.7	183.6	167.1	153.4	139.7	129.7	118.7	86.8	66.7	54.8
32.5°	252.1	227.4	203.7	183.6	164.4	148.9	134.3	123.3	85.9	62.1	51.1
35°	296.8	263.0	234.7	208.2	181.8	162.6	145.2	130.6	84.9	58.5	47.5
37.5°	360.8	320.6	284.1	246.6	213.7	186.3	162.6	143.4	84.9	55.7	43.8
40°	429.3	377.2	330.6	284.1	242.0	207.3	175.4	151.6	83.1	52.1	40.2
42.5°	506.9	443.0	379.0	321.5	269.4	224.7	187.2	158.0	78.5	48.4	36.5
45°	611.0	527.0	450.3	376.3	308.7	250.3	202.8	165.3	74.0	45.7	32.9
47.5°	741.6	643.9	544.4	451.2	362.6	288.6	225.6	177.2	71.2	42.0	30.1
50°	936.2	797.4	665.8	547.1	434.8	337.9	259.4	194.5	68.5	39.3	27.4
52.5°	1149.9	979.1	824.8	672.2	532.5	404.6	298.7	217.4	65.8	36.5	24.7
55°	1410.2	1200.1	1012.0	813.8	634.8	482.2	347.1	243.0	62.1	33.8	22.8
57.5°	1731.7	1465.9	1243.1	1001.0	776.3	582.7	411.9	285.9	58.5	30.1	20.1
60°	2090.7	1790.2	1509.8	1225.7	953.5	716.1	507.8	347.1	54.8	26.5	17.4
62.5°	2349.1	2019.4	1698.8	1380.1	1081.4	815.6	585.5	394.6	49.3	22.8	15.5
65°	2346.4	2012.1	1689.7	1375.5	1085.1	819.3	588.2	403.7	43.8	20.1	13.7
67.5°	2090.7	1809.3	1521.6	1239.4	985.5	745.3	544.4	374.5	37.4	18.3	11.9
70°	1719.8	1496.1	1268.6	1044.9	841.2	638.4	470.4	326.1	32.0	16.4	10.0
72.5°	1255.9	1092.4	953.5	795.5	656.7	504.2	375.4	255.7	25.6	13.7	9.1
75°	623.8	558.1	478.6	429.3	366.3	299.6	232.9	148.9	21.0	11.0	8.2
77.5°	118.7	105.9	101.4	87.7	80.4	71.2	63.0	44.8	16.4	8.2	7.3
80°	54.8	50.2	45.7	41.1	36.5	31.1	27.4	23.7	12.8	6.4	8.2
82.5°	42.9	39.3	34.7	31.1	27.4	23.7	20.1	17.4	8.2	5.5	8.2
85°	28.3	24.7	21.9	19.2	16.4	14.6	12.8	11.0	5.5	5.5	5.5
87.5°	8.2	8.2	7.3	7.3	6.4	6.4	5.5	5.5	4.6	4.6	4.6
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):

	125°	135°	145°	155°	165°	175°	180°
0°	124.2	124.2	124.2	124.2	124.2	124.2	124.2
2.5°	110.5	105.9	104.1	103.2	103.2	104.1	103.2
5°	97.7	93.2	91.3	89.5	89.5	89.5	90.4
7.5°	89.5	84.9	82.2	81.3	80.4	81.3	81.3
10°	82.2	78.5	74.9	73.1	73.1	73.1	73.1
12.5°	76.7	72.2	68.5	67.6	66.7	66.7	66.7
15°	72.2	66.7	63.9	62.1	61.2	61.2	62.1
17.5°	66.7	62.1	58.5	57.5	57.5	57.5	57.5
20°	63.0	57.5	54.8	53.0	53.0	53.0	53.0
22.5°	58.5	53.9	50.2	48.4	48.4	48.4	48.4
25°	54.8	50.2	46.6	44.8	44.8	44.8	44.8
27.5°	51.1	46.6	42.9	41.1	41.1	41.1	41.1
30°	47.5	42.9	39.3	37.4	37.4	37.4	37.4
32.5°	44.8	39.3	35.6	33.8	33.8	34.7	33.8
35°	40.2	35.6	32.0	30.1	30.1	30.1	30.1
37.5°	36.5	32.0	28.3	26.5	26.5	26.5	25.6
40°	33.8	28.3	24.7	22.8	21.9	21.9	21.9
42.5°	29.2	23.7	21.0	19.2	18.3	18.3	18.3
45°	26.5	21.0	17.4	15.5	15.5	15.5	15.5
47.5°	23.7	18.3	14.6	12.8	12.8	13.7	13.7
50°	21.0	15.5	11.9	11.9	11.9	12.8	12.8
52.5°	18.3	13.7	11.0	11.0	11.9	12.8	12.8
55°	16.4	11.9	10.0	11.0	11.9	12.8	12.8
57.5°	14.6	10.0	10.0	11.0	11.9	12.8	12.8
60°	12.8	9.1	9.1	10.0	11.9	12.8	12.8
62.5°	11.0	9.1	9.1	10.0	11.9	12.8	12.8
65°	10.0	9.1	9.1	10.0	11.9	12.8	12.8
67.5°	9.1	8.2	9.1	10.0	11.0	11.9	11.9
70°	8.2	8.2	9.1	10.0	11.0	11.9	11.9
72.5°	8.2	8.2	8.2	9.1	10.0	11.0	11.0
75°	8.2	8.2	8.2	9.1	10.0	11.0	11.0
77.5°	8.2	7.3	7.3	8.2	10.0	11.0	11.0
80°	8.2	7.3	7.3	8.2	9.1	11.0	11.0
82.5°	6.4	6.4	7.3	8.2	9.1	10.0	10.0
85°	5.5	6.4	6.4	7.3	8.2	10.0	10.0
87.5°	4.6	4.6	5.5	6.4	7.3	8.2	8.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)