

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: P155274

Luminaire Tested: **AVM-F05-LED-E-U-T3-HSS-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P155274
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-F05-LED-E-U-T3-HSS-7030
Description: VISION SITE MEDIUM LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 AREA W/ HOUSE SIDE SHIELD
Light Source: (35) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6146.2 lumens
Efficiency: N/A
Efficacy: 46.1 lumens/watt
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G2

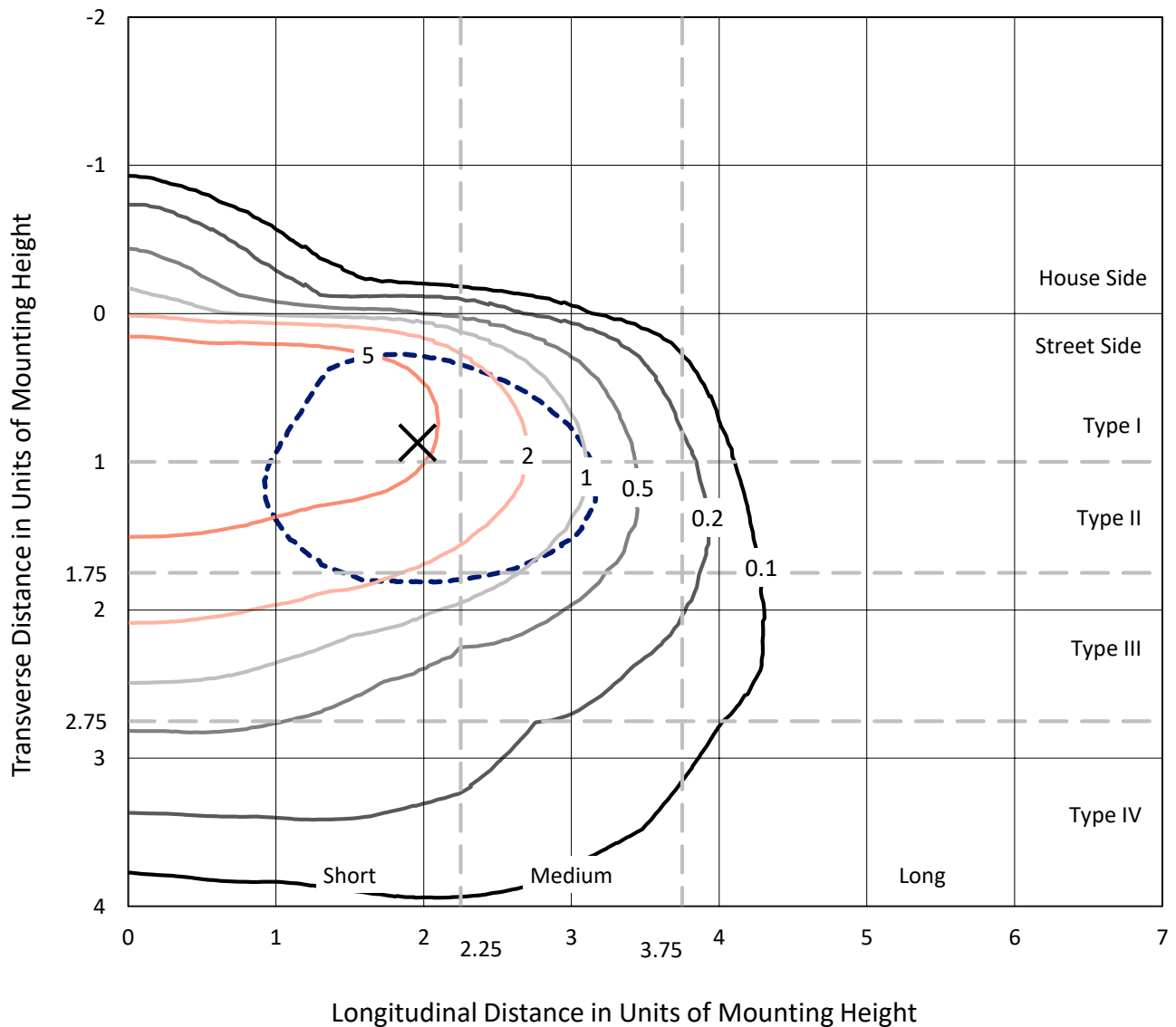
Input Watts (W): 133.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

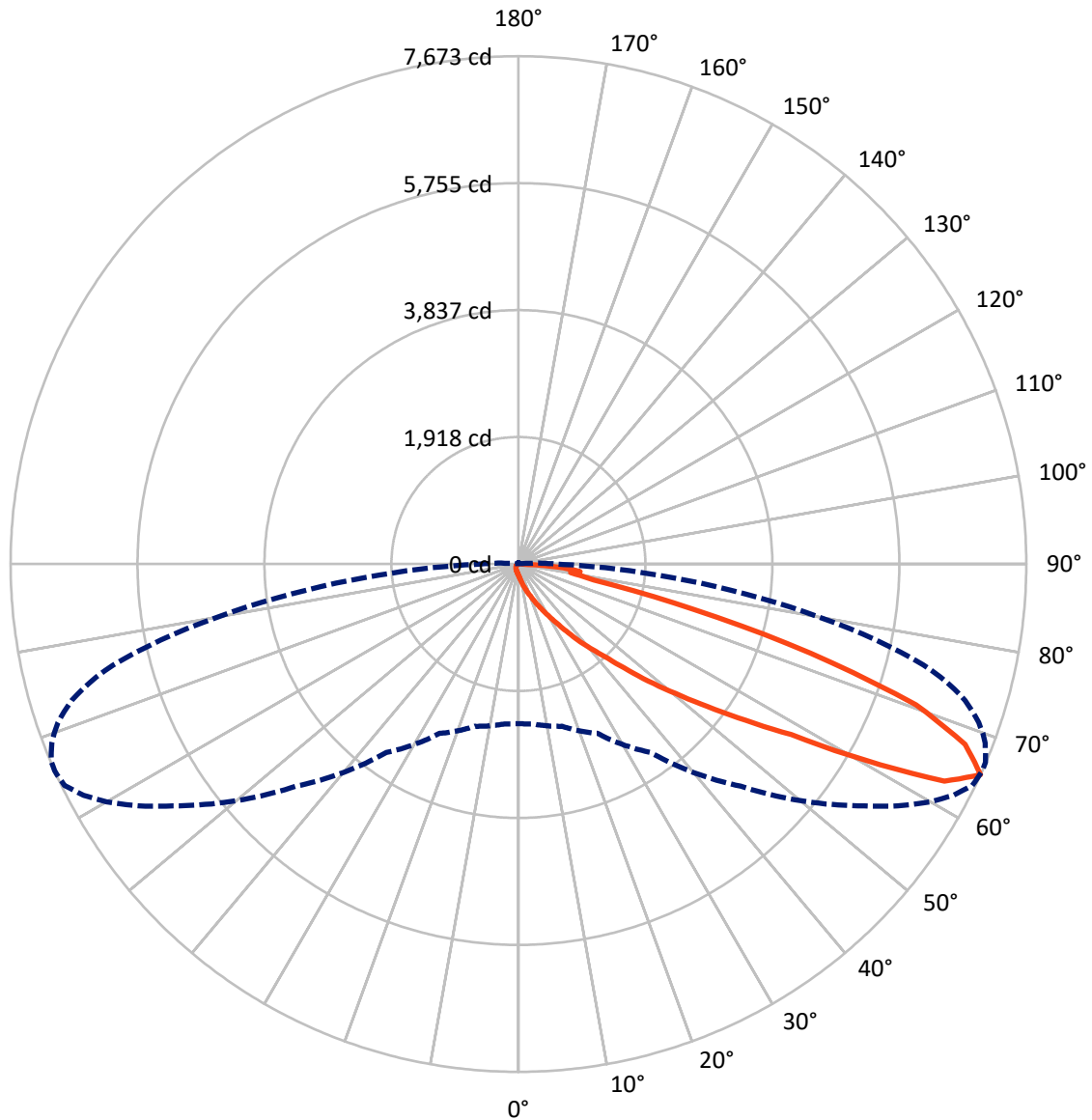
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 8.9 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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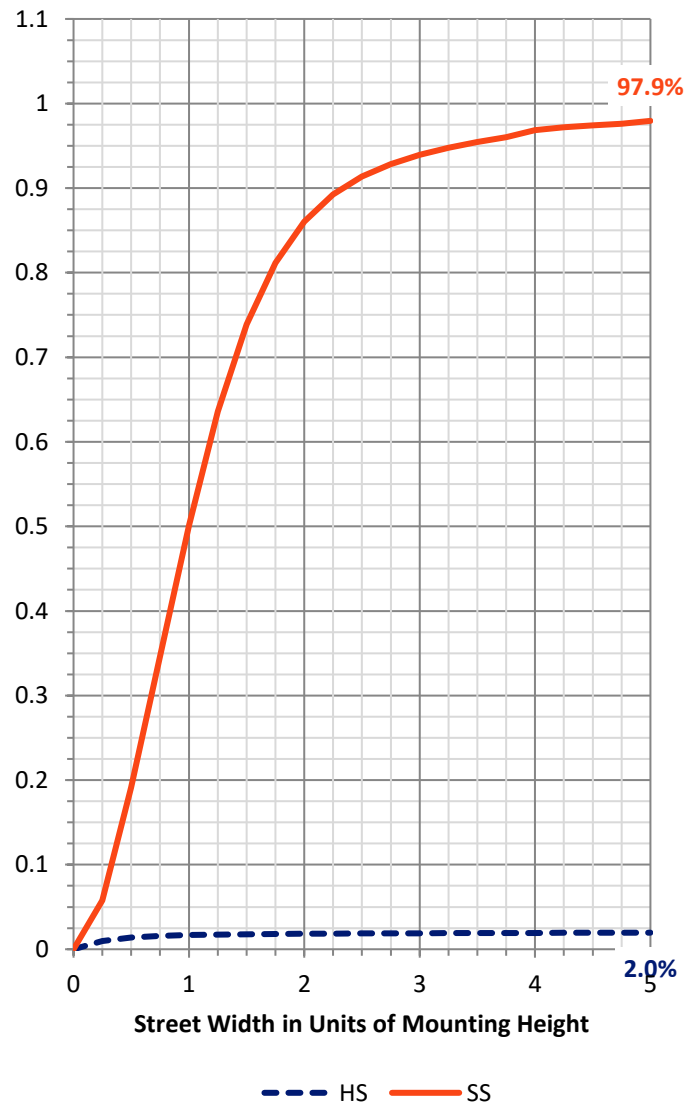
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	123.4	0.0	123.4
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	6022.8	0.0	6022.8
	% Fixture	98.0	0.0	98.0
Total	Lumens	6146.2	0.0	6146.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.9	0.3
10°-20°	99.9	1.6
20°-30°	228.3	3.7
30°-40°	434.3	7.1
40°-50°	871.8	14.2
50°-60°	1542.5	25.1
60°-70°	2015.4	32.8
70°-80°	828.7	13.5
80°-90°	104.4	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°	6146.2	100.0
0°-180°	6146.2	100.0



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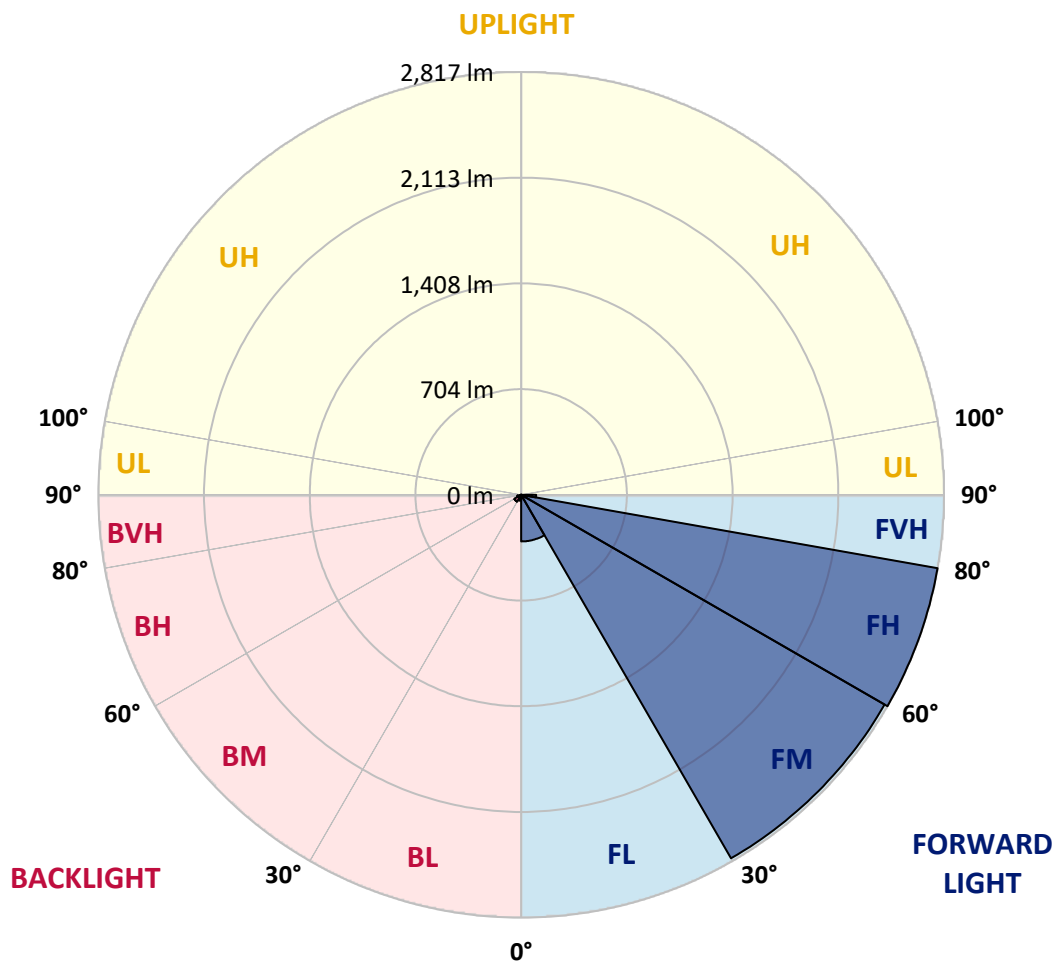
CATALOG NUMBER: AVM-F05-LED-E-U-T3-HSS-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	310.6	5.1			
FM	(30°-60°)	2795.8	45.5			
FH	(60°-80°)	2816.8	45.8			G2/5000
FVH	(80°-90°)	99.7	1.6			G1/100
BL	(0°-30°)	38.6	0.6	B0/110		
BM	(30°-60°)	52.8	0.9	B0/220		
BH	(60°-80°)	27.3	0.4	B0/110		G0/110
BVH	(80°-90°)	4.7	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°	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9
2.5°	226.2	222.4	223.7	216.1	211.1	204.8	199.8	198.6	197.3	194.8	196.0
5°	325.5	321.7	312.9	297.8	284.0	262.6	241.3	240.0	236.3	232.5	230.0
7.5°	452.4	446.1	436.1	410.9	377.0	339.3	296.6	292.8	287.8	282.7	277.7
10°	599.4	595.7	576.8	547.9	496.4	434.8	363.2	359.4	348.1	341.8	336.8
12.5°	754.0	737.7	730.1	679.9	620.8	536.6	444.9	431.0	422.2	413.4	400.9
15°	870.9	873.4	855.8	815.6	746.5	648.4	534.1	519.0	506.4	490.1	475.0
17.5°	976.4	971.4	952.5	927.4	862.1	762.8	629.6	609.5	589.4	580.6	559.2
20°	1061.9	1059.4	1044.3	1020.4	970.1	874.6	730.1	713.8	691.2	676.1	652.2
22.5°	1129.7	1129.7	1120.9	1107.1	1058.1	981.4	836.9	819.3	796.7	777.9	751.5
25°	1183.8	1182.5	1183.8	1177.5	1144.8	1074.4	946.3	926.2	907.3	884.7	859.6
27.5°	1245.3	1247.9	1245.3	1241.6	1227.8	1171.2	1056.8	1043.0	1021.7	997.8	972.7
30°	1340.9	1333.3	1332.1	1329.5	1313.2	1278.0	1171.2	1154.9	1138.5	1122.2	1104.6
32.5°	1441.4	1428.8	1425.0	1425.0	1413.7	1382.3	1303.2	1294.4	1270.5	1257.9	1242.8
35°	1555.7	1550.7	1545.7	1546.9	1541.9	1509.2	1443.9	1446.4	1438.9	1413.7	1398.7
37.5°	1722.9	1724.1	1715.3	1699.0	1699.0	1670.1	1632.4	1627.4	1608.5	1602.2	1593.4
40°	1961.6	1955.4	1947.8	1923.9	1915.1	1866.1	1830.9	1818.4	1803.3	1802.0	1792.0
42.5°	2238.1	2230.6	2230.6	2213.0	2195.4	2136.3	2069.7	2060.9	2044.6	2049.6	2045.8
45°	2494.5	2500.7	2509.5	2522.1	2524.6	2499.5	2402.7	2391.4	2382.6	2377.6	2373.8
47.5°	2715.6	2726.9	2755.8	2809.9	2879.0	2887.8	2811.1	2781.0	2774.7	2765.9	2758.4
50°	2874.0	2890.3	2955.7	3061.2	3195.7	3278.6	3237.1	3212.0	3210.8	3186.9	3184.4
52.5°	2964.5	2982.0	3088.9	3248.5	3457.1	3619.2	3670.7	3669.4	3666.9	3645.6	3636.8
55°	2984.6	3003.4	3131.6	3349.0	3646.8	3927.0	4124.3	4129.4	4140.7	4134.4	4134.4
57.5°	2929.3	2953.1	3092.6	3361.6	3746.1	4170.8	4601.9	4630.8	4644.6	4693.6	4750.2
60°	2827.5	2845.1	2984.6	3284.9	3763.7	4393.3	5222.7	5314.4	5386.0	5482.8	5574.5
62.5°	2639.0	2674.2	2807.4	3134.1	3710.9	4649.6	5964.1	6133.7	6273.2	6420.3	6597.4
65°	2410.3	2425.3	2538.4	2823.7	3474.7	4747.6	6373.8	6539.6	6718.1	6875.2	7033.5
67.5°	2123.7	2136.3	2234.3	2356.2	2867.7	4289.0	5970.4	6153.8	6314.7	6444.1	6651.5
70°	1391.1	1418.8	1658.8	1779.4	2004.4	3170.5	4882.1	5059.3	5182.4	5270.4	5510.4
72.5°	1019.1	1036.7	1133.5	1382.3	1437.6	1873.7	3435.7	3628.0	3673.2	3839.1	3950.9
75°	622.0	666.0	884.7	1183.8	1401.2	1283.0	2058.4	2151.4	2255.7	2376.3	2483.2
77.5°	125.7	143.3	289.0	815.6	1232.8	1371.0	1229.0	1246.6	1298.1	1309.4	1349.6
80°	20.1	21.4	37.7	351.9	713.8	1108.4	1229.0	1212.7	1183.8	1163.7	1143.6
82.5°	8.8	10.1	16.3	89.2	152.1	369.5	1063.1	1146.1	1241.6	1294.4	1308.2
85°	3.8	3.8	6.3	17.6	22.6	25.1	179.7	237.5	423.5	563.0	648.4
87.5°	2.5	2.5	3.8	3.8	5.0	6.3	8.8	8.8	10.1	11.3	16.3
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°	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9
2.5°	196.0	194.8	194.8	191.0	191.0	189.8	189.8	188.5	188.5	186.0	187.2
5°	228.7	226.2	223.7	219.9	218.7	216.1	213.6	209.9	208.6	206.1	204.8
7.5°	272.7	270.2	265.2	257.6	252.6	247.6	242.5	237.5	233.7	230.0	227.5
10°	326.7	319.2	316.7	301.6	295.3	285.3	279.0	274.0	266.4	260.1	256.4
12.5°	392.1	385.8	373.2	353.1	343.1	334.3	323.0	312.9	305.4	294.1	286.5
15°	459.9	454.9	437.3	414.7	402.1	385.8	374.5	364.4	348.1	340.6	326.7
17.5°	545.4	530.3	512.7	480.0	463.7	449.9	429.8	414.7	404.6	382.0	369.5
20°	633.4	617.0	594.4	558.0	535.3	514.0	497.6	477.5	456.2	441.1	419.7
22.5°	733.9	707.5	689.9	644.7	618.3	595.7	568.0	546.6	525.3	501.4	477.5
25°	840.7	814.3	792.9	741.4	713.8	691.2	658.5	628.3	601.9	575.5	547.9
27.5°	952.5	928.7	904.8	852.0	828.1	796.7	766.6	731.4	697.4	673.6	635.9
30°	1082.0	1061.9	1035.5	978.9	952.5	919.9	888.5	847.0	814.3	781.6	745.2
32.5°	1221.5	1205.1	1177.5	1127.2	1095.8	1068.2	1034.2	994.0	947.5	913.6	870.9
35°	1391.1	1363.5	1347.1	1299.4	1275.5	1245.3	1210.2	1175.0	1126.0	1078.2	1041.8
37.5°	1584.6	1572.1	1550.7	1505.5	1487.9	1456.5	1433.8	1398.7	1361.0	1300.6	1261.7
40°	1783.2	1774.4	1755.5	1710.3	1692.7	1671.4	1645.0	1611.0	1565.8	1534.4	1476.6
42.5°	2035.8	2022.0	2006.9	1964.2	1930.2	1903.8	1892.5	1863.6	1815.9	1775.7	1730.4
45°	2356.2	2349.9	2329.8	2287.1	2253.2	2235.6	2218.0	2169.0	2137.6	2097.4	2065.9
47.5°	2743.3	2723.2	2713.1	2665.4	2654.1	2640.2	2595.0	2567.3	2522.1	2490.7	2451.7
50°	3161.7	3140.4	3141.6	3083.8	3086.3	3076.3	3042.4	3009.7	2970.7	2943.1	2919.2
52.5°	3611.6	3621.7	3596.5	3614.1	3594.0	3571.4	3565.1	3524.9	3491.0	3489.7	3457.1
55°	4164.6	4148.2	4154.5	4172.1	4144.5	4169.6	4157.0	4105.5	4106.8	4116.8	4079.1
57.5°	4759.0	4782.8	4834.4	4845.7	4893.4	4860.7	4946.2	4884.6	4922.3	4922.3	4897.2
60°	5631.1	5726.6	5851.0	5947.8	6037.0	6008.1	6119.9	6049.5	6099.8	6057.1	6035.7
62.5°	6681.6	6808.6	6955.6	7112.7	7203.2	7225.8	7209.4	7240.9	7191.8	7160.4	7078.7
65°	7186.8	7312.5	7440.7	7629.2	7654.3	7673.1	7665.6	7612.8	7552.5	7463.3	7356.5
67.5°	6767.1	6943.0	7014.7	7232.1	7304.9	7278.6	7287.3	7219.5	7125.2	7037.3	6880.2
70°	5611.0	5812.0	5849.7	6161.4	6248.1	6373.8	6328.5	6308.4	6205.4	6131.2	5957.8
72.5°	4085.4	4242.5	4229.9	4580.5	4565.4	4617.0	4738.8	4733.8	4625.7	4601.9	4456.1
75°	2514.6	2608.8	2603.8	2852.6	2748.3	2733.2	2767.2	2752.1	2650.3	2544.7	2454.2
77.5°	1332.1	1374.8	1329.5	1255.4	1247.9	1163.7	1139.8	1138.5	1060.6	965.1	894.7
80°	1122.2	1078.2	1025.4	917.4	854.5	798.0	745.2	696.2	643.4	573.0	487.6
82.5°	1310.7	1289.3	1251.6	1115.9	1050.6	937.5	853.3	774.1	677.3	604.5	495.1
85°	638.4	637.1	667.3	653.5	629.6	624.6	541.6	524.0	485.1	444.9	372.0
87.5°	17.6	12.6	15.1	12.6	15.1	16.3	11.3	26.4	16.3	15.1	17.6
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9
2.5°	186.0	184.7	183.5	183.5	182.2	182.2	181.0	179.7	179.7	178.4	178.4
5°	202.3	199.8	198.6	197.3	194.8	193.5	191.0	189.8	187.2	186.0	183.5
7.5°	222.4	219.9	214.9	212.4	208.6	207.3	201.1	198.6	196.0	193.5	189.8
10°	247.6	241.3	236.3	231.2	224.9	219.9	214.9	211.1	206.1	199.8	197.3
12.5°	279.0	270.2	262.6	253.8	246.3	238.8	230.0	223.7	216.1	209.9	203.6
15°	314.2	301.6	291.5	279.0	266.4	257.6	248.8	240.0	230.0	221.2	213.6
17.5°	354.4	338.0	324.2	309.1	295.3	282.7	267.7	256.4	245.0	232.5	222.4
20°	397.1	380.8	361.9	345.6	325.5	311.7	292.8	277.7	261.4	248.8	235.0
22.5°	453.7	432.3	408.4	385.8	364.4	343.1	323.0	304.1	284.0	265.2	251.3
25°	520.3	493.9	463.7	441.1	410.9	387.0	361.9	338.0	316.7	292.8	270.2
27.5°	603.2	568.0	535.3	503.9	471.2	441.1	408.4	380.8	351.9	324.2	299.1
30°	700.0	666.0	617.0	581.8	549.2	507.7	475.0	438.6	405.9	365.7	338.0
32.5°	828.1	784.2	732.6	686.1	643.4	596.9	551.7	505.2	462.4	426.0	384.5
35°	995.3	943.7	882.2	823.1	775.4	718.8	661.0	608.2	559.2	506.4	454.9
37.5°	1206.4	1158.6	1092.0	1020.4	956.3	888.5	828.1	754.0	688.6	624.6	559.2
40°	1416.3	1372.3	1303.2	1226.5	1143.6	1065.6	989.0	904.8	821.9	741.4	673.6
42.5°	1675.1	1609.8	1535.6	1448.9	1368.5	1275.5	1180.0	1083.2	984.0	887.2	790.4
45°	2000.6	1950.3	1846.0	1753.0	1657.5	1548.2	1430.1	1319.5	1192.6	1078.2	950.0
47.5°	2396.4	2306.0	2229.3	2143.9	2024.5	1918.9	1768.1	1637.4	1479.1	1327.0	1173.7
50°	2863.9	2813.7	2711.9	2605.0	2475.6	2349.9	2202.9	2014.4	1824.7	1662.6	1452.7
52.5°	3410.6	3338.9	3274.8	3164.3	3032.3	2871.5	2704.3	2499.5	2267.0	2038.3	1814.6
55°	4059.0	4008.7	3947.2	3859.2	3690.8	3508.6	3307.5	3062.5	2787.3	2479.4	2219.3
57.5°	4895.9	4843.2	4784.1	4603.1	4488.8	4265.1	3973.5	3719.7	3423.1	3028.5	2705.6
60°	6038.2	5966.6	5883.7	5736.6	5497.9	5207.6	4894.7	4518.9	4155.8	3724.7	3301.2
62.5°	7014.7	6900.3	6723.1	6533.4	6246.8	5913.8	5520.5	5078.1	4664.7	4179.6	3708.4
65°	7215.7	7058.6	6850.0	6602.5	6307.2	5931.4	5520.5	5097.0	4610.7	4154.5	3680.7
67.5°	6692.9	6510.7	6297.1	6020.6	5739.1	5352.1	4997.7	4566.7	4109.3	3714.7	3291.2
70°	5833.4	5563.2	5344.6	5050.5	4765.2	4461.1	4087.9	3764.9	3393.0	3029.8	2705.6
72.5°	4380.7	4114.3	3915.7	3680.7	3511.1	3189.4	2915.4	2674.2	2454.2	2182.8	1942.8
75°	2361.3	2161.4	2028.2	1921.4	1769.4	1557.0	1426.3	1260.4	1167.4	1054.3	945.0
77.5°	770.3	678.6	579.3	482.6	414.7	311.7	301.6	240.0	226.2	219.9	169.6
80°	394.6	304.1	219.9	158.3	120.6	106.8	101.8	96.8	91.7	88.0	81.7
82.5°	395.8	286.5	197.3	137.0	99.3	82.9	77.9	75.4	71.6	67.9	62.8
85°	289.0	213.6	147.0	100.5	69.1	55.3	52.8	49.0	46.5	45.2	40.2
87.5°	18.8	13.8	12.6	11.3	11.3	11.3	12.6	11.3	12.6	12.6	11.3
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°	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9
2.5°	177.2	175.9	175.9	174.7	173.4	173.4	172.2	172.2	168.4	162.1	157.1
5°	182.2	179.7	178.4	177.2	175.9	173.4	172.2	170.9	164.6	152.1	142.0
7.5°	186.0	183.5	182.2	179.7	175.9	174.7	172.2	169.6	159.6	142.0	130.7
10°	192.3	188.5	184.7	181.0	177.2	174.7	170.9	168.4	153.3	133.2	121.9
12.5°	198.6	193.5	188.5	182.2	178.4	174.7	170.9	165.9	148.3	125.7	113.1
15°	206.1	198.6	192.3	186.0	179.7	174.7	168.4	164.6	143.3	119.4	108.1
17.5°	213.6	204.8	196.0	187.2	181.0	173.4	168.4	162.1	138.2	114.4	101.8
20°	222.4	209.9	201.1	191.0	182.2	173.4	165.9	159.6	133.2	108.1	95.5
22.5°	235.0	219.9	206.1	194.8	183.5	174.7	165.9	157.1	128.2	103.0	90.5
25°	251.3	232.5	216.1	202.3	188.5	177.2	167.1	158.3	124.4	99.3	84.2
27.5°	275.2	251.3	233.7	214.9	197.3	183.5	170.9	160.9	121.9	95.5	80.4
30°	304.1	280.2	252.6	230.0	211.1	192.3	178.4	163.4	119.4	91.7	75.4
32.5°	346.8	312.9	280.2	252.6	226.2	204.8	184.7	169.6	118.1	85.5	70.4
35°	408.4	361.9	323.0	286.5	250.1	223.7	199.8	179.7	116.9	80.4	65.3
37.5°	496.4	441.1	390.8	339.3	294.1	256.4	223.7	197.3	116.9	76.7	60.3
40°	590.6	519.0	454.9	390.8	333.0	285.3	241.3	208.6	114.4	71.6	55.3
42.5°	697.4	609.5	521.5	442.3	370.7	309.1	257.6	217.4	108.1	66.6	50.3
45°	840.7	725.1	619.5	517.7	424.7	344.3	279.0	227.5	101.8	62.8	45.2
47.5°	1020.4	885.9	749.0	620.8	498.9	397.1	310.4	243.8	98.0	57.8	41.5
50°	1288.1	1097.1	916.1	752.7	598.2	465.0	356.9	267.7	94.2	54.0	37.7
52.5°	1582.1	1347.1	1134.8	924.9	732.6	556.7	410.9	299.1	90.5	50.3	33.9
55°	1940.3	1651.2	1392.4	1119.7	873.4	663.5	477.5	334.3	85.5	46.5	31.4
57.5°	2382.6	2016.9	1710.3	1377.3	1068.2	801.7	566.8	393.3	80.4	41.5	27.6
60°	2876.5	2463.0	2077.3	1686.4	1311.9	985.2	698.7	477.5	75.4	36.4	23.9
62.5°	3232.1	2778.5	2337.4	1898.8	1487.9	1122.2	805.5	542.9	67.9	31.4	21.4
65°	3228.3	2768.4	2324.8	1892.5	1492.9	1127.2	809.3	555.4	60.3	27.6	18.8
67.5°	2876.5	2489.4	2093.6	1705.3	1355.9	1025.4	749.0	515.2	51.5	25.1	16.3
70°	2366.3	2058.4	1745.5	1437.6	1157.4	878.4	647.2	448.6	44.0	22.6	13.8
72.5°	1727.9	1503.0	1311.9	1094.5	903.5	693.7	516.5	351.9	35.2	18.8	12.6
75°	858.3	767.8	658.5	590.6	503.9	412.2	320.4	204.8	28.9	15.1	11.3
77.5°	163.4	145.8	139.5	120.6	110.6	98.0	86.7	61.6	22.6	11.3	10.1
80°	75.4	69.1	62.8	56.5	50.3	42.7	37.7	32.7	17.6	8.8	11.3
82.5°	59.1	54.0	47.8	42.7	37.7	32.7	27.6	23.9	11.3	7.5	11.3
85°	39.0	33.9	30.2	26.4	22.6	20.1	17.6	15.1	7.5	7.5	7.5
87.5°	11.3	11.3	10.1	10.1	8.8	8.8	7.5	7.5	6.3	6.3	6.3
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):

	125°	135°	145°	155°	165°	175°	180°
0°	170.9	170.9	170.9	170.9	170.9	170.9	170.9
2.5°	152.1	145.8	143.3	142.0	142.0	143.3	142.0
5°	134.5	128.2	125.7	123.2	123.2	123.2	124.4
7.5°	123.2	116.9	113.1	111.8	110.6	111.8	111.8
10°	113.1	108.1	103.0	100.5	100.5	100.5	100.5
12.5°	105.6	99.3	94.2	93.0	91.7	91.7	91.7
15°	99.3	91.7	88.0	85.5	84.2	84.2	85.5
17.5°	91.7	85.5	80.4	79.2	79.2	79.2	79.2
20°	86.7	79.2	75.4	72.9	72.9	72.9	72.9
22.5°	80.4	74.1	69.1	66.6	66.6	66.6	66.6
25°	75.4	69.1	64.1	61.6	61.6	61.6	61.6
27.5°	70.4	64.1	59.1	56.5	56.5	56.5	56.5
30°	65.3	59.1	54.0	51.5	51.5	51.5	51.5
32.5°	61.6	54.0	49.0	46.5	46.5	47.8	46.5
35°	55.3	49.0	44.0	41.5	41.5	41.5	41.5
37.5°	50.3	44.0	39.0	36.4	36.4	36.4	35.2
40°	46.5	39.0	33.9	31.4	30.2	30.2	30.2
42.5°	40.2	32.7	28.9	26.4	25.1	25.1	25.1
45°	36.4	28.9	23.9	21.4	21.4	21.4	21.4
47.5°	32.7	25.1	20.1	17.6	17.6	18.8	18.8
50°	28.9	21.4	16.3	16.3	16.3	17.6	17.6
52.5°	25.1	18.8	15.1	15.1	16.3	17.6	17.6
55°	22.6	16.3	13.8	15.1	16.3	17.6	17.6
57.5°	20.1	13.8	13.8	15.1	16.3	17.6	17.6
60°	17.6	12.6	12.6	13.8	16.3	17.6	17.6
62.5°	15.1	12.6	12.6	13.8	16.3	17.6	17.6
65°	13.8	12.6	12.6	13.8	16.3	17.6	17.6
67.5°	12.6	11.3	12.6	13.8	15.1	16.3	16.3
70°	11.3	11.3	12.6	13.8	15.1	16.3	16.3
72.5°	11.3	11.3	11.3	12.6	13.8	15.1	15.1
75°	11.3	11.3	11.3	12.6	13.8	15.1	15.1
77.5°	11.3	10.1	10.1	11.3	13.8	15.1	15.1
80°	11.3	10.1	10.1	11.3	12.6	15.1	15.1
82.5°	8.8	8.8	10.1	11.3	12.6	13.8	13.8
85°	7.5	8.8	8.8	10.1	11.3	13.8	13.8
87.5°	6.3	6.3	7.5	8.8	10.1	11.3	11.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)