

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: P154246

Luminaire Tested: **AVM-F06-LED-E-U-T2-HSS-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P154246
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33723)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: AVM-F06-LED-E-U-T2-HSS-7050
Description: VISION SITE MEDIUM LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 AREA W/ HOUSE SIDE SHIELD
Light Source: (42) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8138.6 lumens
Efficiency: N/A
Efficacy: 52.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B0 - U0 - G2

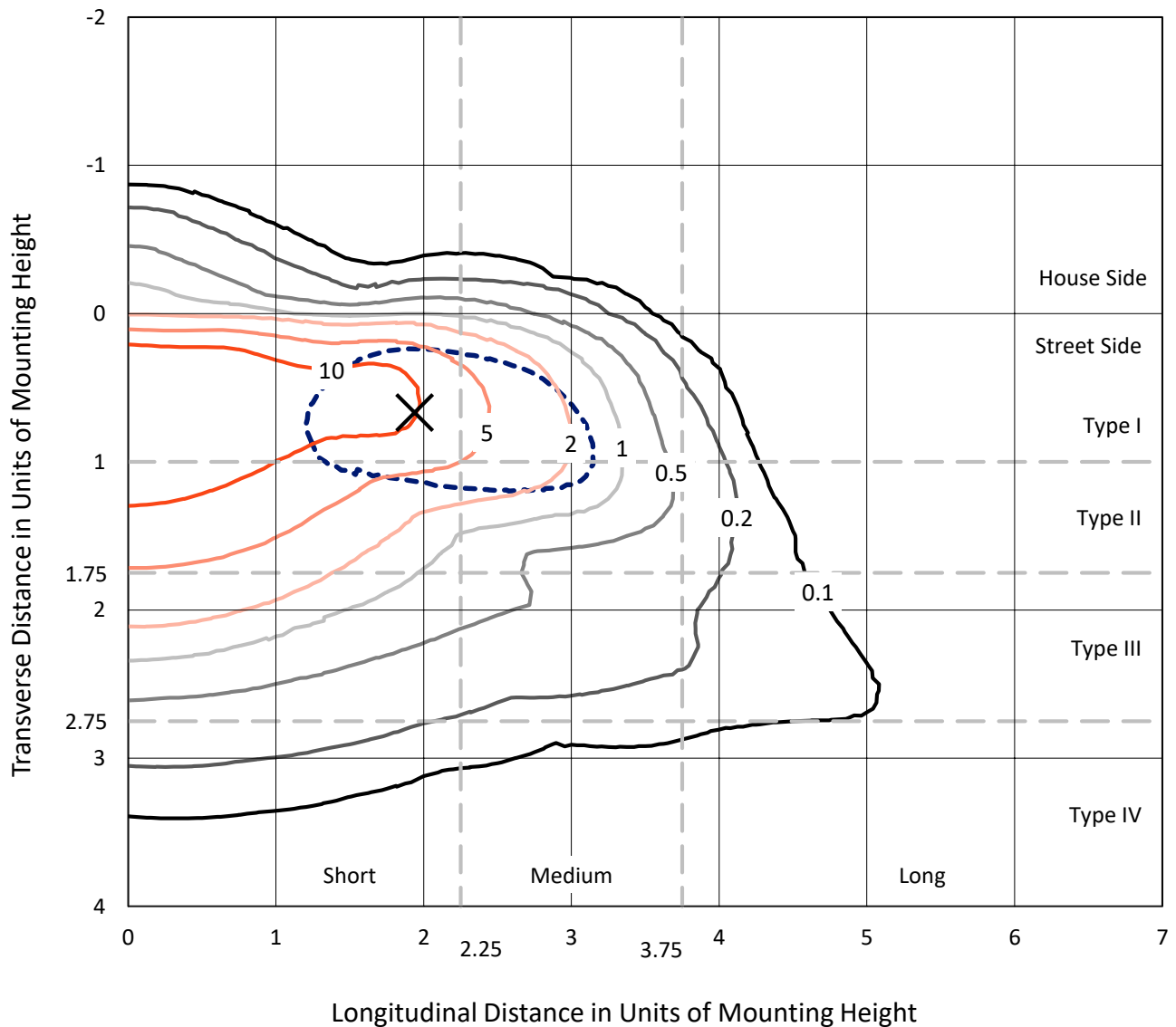
Input Watts (W): 156.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

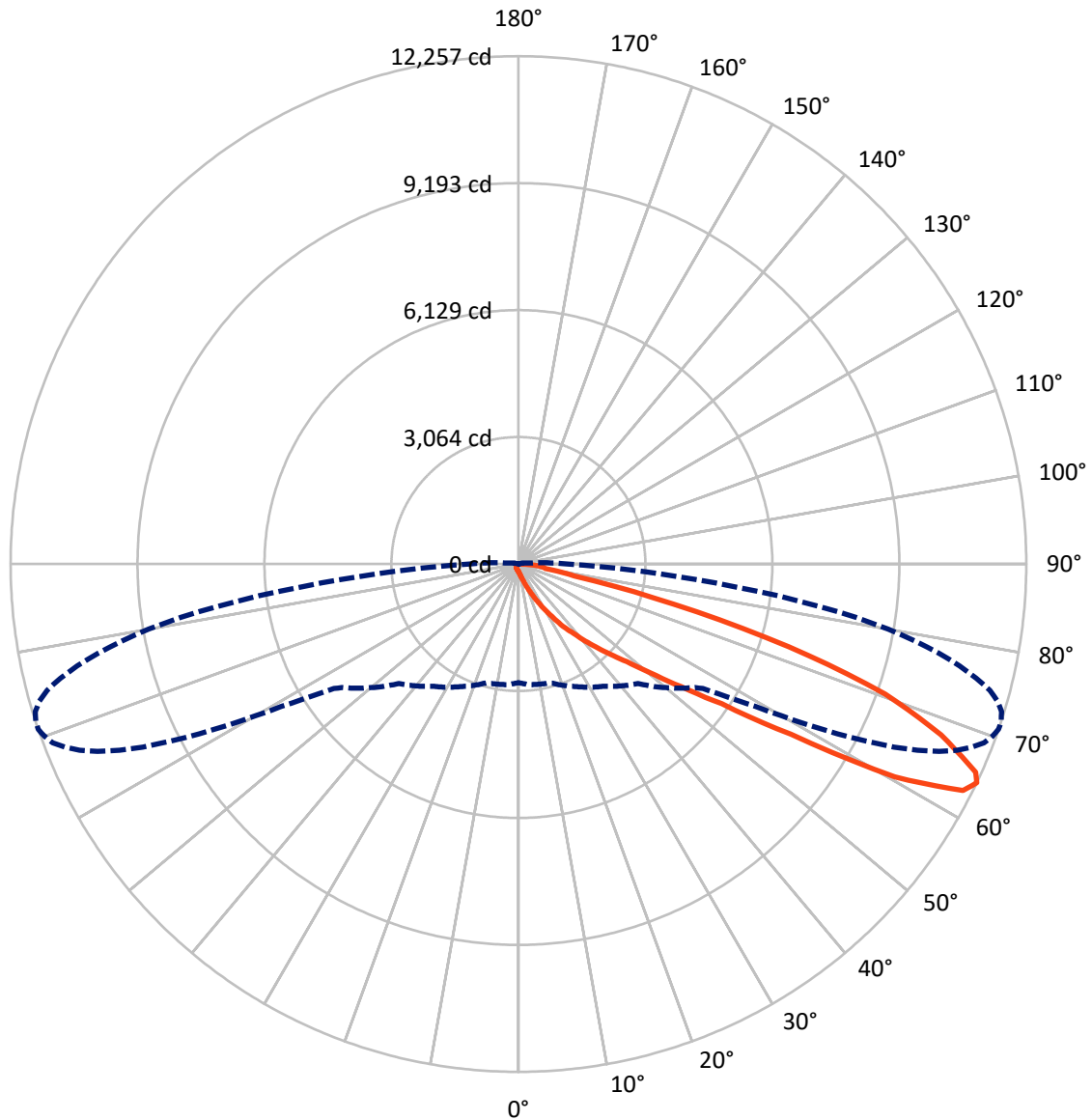
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 15.9 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 71-Deg Lateral - - - Horizontal Cone Through 64-Deg Vertical

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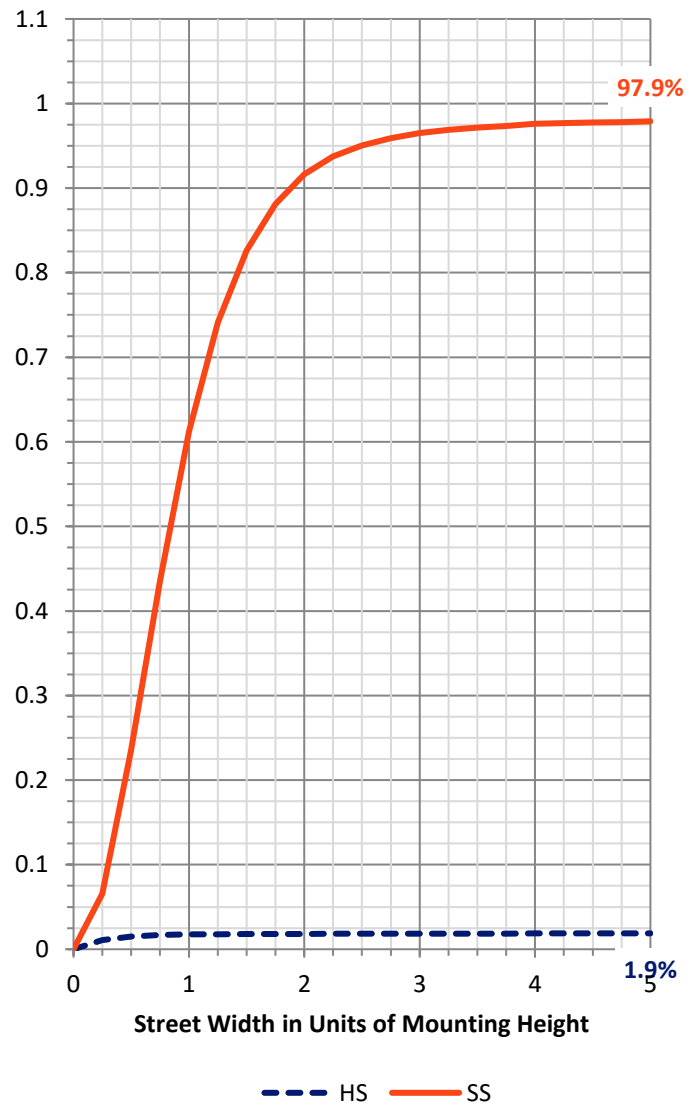
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	155.9	0.0	155.9
	% Fixture	1.9	0.0	1.9
Street Side	Lumens	7982.7	0.0	7982.7
	% Fixture	98.1	0.0	98.1
Total	Lumens	8138.6	0.0	8138.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.9	0.3
10°-20°	147.1	1.8
20°-30°	375.9	4.6
30°-40°	760.2	9.3
40°-50°	1389.6	17.1
50°-60°	2165.0	26.6
60°-70°	2406.5	29.6
70°-80°	784.8	9.6
80°-90°	84.5	1.0
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°	8138.6	100.0
0°-180°	8138.6	100.0



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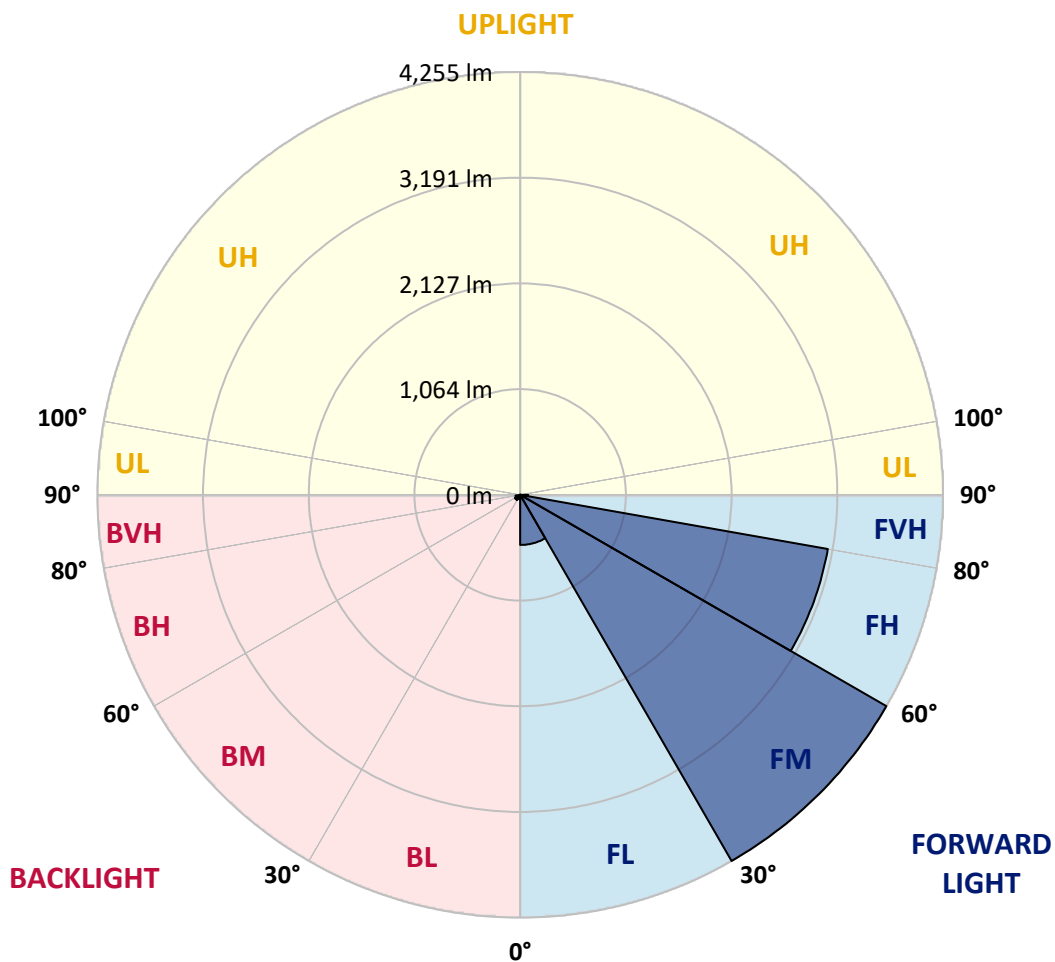
CATALOG NUMBER: AVM-F06-LED-E-U-T2-HSS-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	504.5	6.2			
FM	(30°-60°)	4254.6	52.3			
FH	(60°-80°)	3143.2	38.6			G2/5000
FVH	(80°-90°)	80.4	1.0			G1/100
BL	(0°-30°)	43.4	0.5	B0/110		
BM	(30°-60°)	60.3	0.7	B0/220		
BH	(60°-80°)	48.1	0.6	B0/110		G0/110
BVH	(80°-90°)	4.1	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 II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	181.3	181.3	181.3	181.3	181.3	181.3	181.3	181.3	181.3	181.3	181.3
2.5°	244.0	240.6	240.6	235.5	228.7	221.9	215.2	213.5	211.8	210.1	210.1
5°	382.9	369.3	364.2	345.6	321.9	293.1	267.7	260.9	260.9	255.8	252.4
7.5°	601.4	594.6	559.1	540.4	484.5	415.1	342.2	335.4	333.7	327.0	316.8
10°	881.0	867.4	842.0	787.8	686.1	565.8	462.5	445.6	433.7	420.1	406.6
12.5°	1160.5	1143.6	1106.3	1018.2	916.5	762.4	596.3	581.1	562.5	543.8	521.8
15°	1440.0	1428.2	1370.6	1282.5	1150.3	965.7	755.6	728.5	713.2	676.0	659.0
17.5°	1682.3	1667.0	1621.3	1521.3	1384.1	1180.8	931.8	897.9	872.5	850.5	809.8
20°	1892.4	1877.1	1833.1	1750.1	1595.9	1396.0	1121.5	1104.6	1058.8	1025.0	1001.2
22.5°	2021.1	2016.0	1987.2	1907.6	1770.4	1592.5	1338.4	1311.3	1280.8	1235.0	1207.9
25°	2100.7	2095.7	2078.7	2022.8	1929.6	1799.2	1577.3	1543.4	1516.3	1475.6	1441.7
27.5°	2183.8	2180.4	2166.8	2117.7	2068.6	1987.2	1819.5	1800.9	1741.6	1717.9	1685.7
30°	2321.0	2305.7	2317.6	2293.9	2231.2	2180.4	2063.5	2036.4	2011.0	1970.3	1941.5
32.5°	2539.5	2514.1	2539.5	2514.1	2487.0	2426.0	2314.2	2305.7	2280.3	2254.9	2214.3
35°	2807.2	2797.0	2817.4	2839.4	2817.4	2736.1	2600.5	2575.1	2564.9	2524.3	2509.0
37.5°	3076.6	3095.2	3132.5	3181.6	3168.1	3108.8	2917.3	2893.6	2875.0	2839.4	2812.3
40°	3366.3	3368.0	3447.6	3518.8	3554.3	3518.8	3266.3	3247.7	3222.3	3171.5	3164.7
42.5°	3681.4	3667.8	3727.1	3806.8	3879.6	3928.7	3727.1	3691.6	3656.0	3598.4	3559.4
45°	3960.9	3960.9	4008.4	4082.9	4194.7	4318.4	4213.4	4176.1	4142.2	4094.8	4050.7
47.5°	4167.6	4169.3	4198.1	4306.5	4481.0	4665.7	4669.1	4675.9	4650.4	4594.5	4596.2
50°	4313.3	4294.7	4333.6	4438.7	4640.3	4930.0	5138.4	5150.2	5170.5	5124.8	5138.4
52.5°	4420.0	4411.6	4437.0	4525.1	4726.7	5080.8	5522.9	5573.8	5604.3	5611.0	5666.9
55°	4364.1	4369.2	4430.2	4557.3	4774.1	5180.7	5849.9	5932.9	6004.1	6065.1	6134.5
57.5°	4179.5	4194.7	4301.4	4499.7	4784.3	5262.0	6197.2	6324.3	6458.1	6620.7	6758.0
60°	3884.7	3920.3	4064.3	4342.1	4686.0	5155.3	6300.5	6495.4	6700.4	6947.7	7223.9
62.5°	3452.7	3459.5	3554.3	3823.7	4203.2	4587.8	5826.2	6075.2	6346.3	6703.8	7090.0
64°	2861.4	2922.4	2966.5	3262.9	3601.8	4081.2	5199.4	5372.2	5749.9	6188.7	6675.0
65°	2361.6	2434.5	2470.1	2766.5	3154.5	3611.9	4653.8	4838.5	5236.6	5682.2	6288.7
67.5°	1392.6	1343.5	1446.8	1621.3	1946.6	2488.7	3139.3	3279.9	3576.4	4106.6	4591.1
70°	897.9	897.9	992.8	1170.7	1472.2	1887.3	2156.7	2097.4	2160.0	2365.0	2707.3
72.5°	576.0	606.5	664.1	814.9	1094.4	1582.3	2204.1	1924.6	1778.9	1711.1	1707.7
75°	262.6	279.5	342.2	432.0	584.5	1031.7	2222.7	2100.7	1966.9	1838.2	1738.2
77.5°	55.9	64.4	108.4	223.6	284.6	476.1	1577.3	1760.2	1905.9	1948.3	1948.3
80°	28.8	30.5	45.7	105.0	122.0	160.9	608.2	799.6	986.0	1231.6	1489.2
82.5°	11.9	13.6	27.1	47.4	50.8	49.1	160.9	203.3	279.5	406.6	606.5
85°	3.4	3.4	11.9	18.6	27.1	22.0	35.6	40.7	52.5	76.2	145.7
87.5°	0.0	0.0	1.7	3.4	5.1	8.5	10.2	10.2	10.2	10.2	10.2
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	181.3	181.3	181.3	181.3	181.3	181.3	181.3	181.3	181.3	181.3	181.3
2.5°	208.4	208.4	206.7	205.0	205.0	201.6	201.6	199.9	199.9	198.2	198.2
5°	250.7	247.3	244.0	238.9	237.2	233.8	230.4	227.0	223.6	221.9	218.5
7.5°	311.7	308.3	298.2	291.4	282.9	277.8	271.1	266.0	260.9	257.5	250.7
10°	393.0	381.2	376.1	352.4	347.3	335.4	325.3	318.5	304.9	296.5	288.0
12.5°	508.2	486.2	477.8	437.1	425.2	408.3	396.4	379.5	364.2	354.1	338.8
15°	638.7	621.8	589.6	548.9	526.9	508.2	479.4	465.9	445.6	423.5	401.5
17.5°	794.6	764.1	728.5	676.0	648.9	620.1	593.0	564.2	530.3	509.9	486.2
20°	975.8	943.6	899.6	833.5	801.3	772.5	725.1	704.8	664.1	623.4	593.0
22.5°	1174.0	1141.9	1099.5	1025.0	982.6	935.2	896.2	860.6	813.2	772.5	737.0
25°	1397.7	1360.4	1328.2	1241.8	1189.3	1140.2	1097.8	1035.1	994.5	947.0	897.9
27.5°	1651.8	1607.7	1565.4	1470.5	1421.4	1367.2	1316.4	1250.3	1211.3	1133.4	1087.6
30°	1912.7	1858.5	1814.4	1717.9	1673.8	1617.9	1548.5	1489.2	1423.1	1370.6	1296.0
32.5°	2187.1	2143.1	2107.5	2005.9	1950.0	1880.5	1817.8	1755.1	1697.5	1612.8	1545.1
35°	2480.2	2441.3	2402.3	2314.2	2265.1	2212.6	2141.4	2065.2	1985.5	1897.4	1836.5
37.5°	2788.6	2758.1	2727.6	2620.9	2563.3	2507.3	2426.0	2349.8	2278.6	2185.5	2082.1
40°	3112.2	3083.4	3034.2	2946.1	2885.1	2834.3	2759.8	2688.6	2592.1	2488.7	2397.2
42.5°	3518.8	3456.1	3413.7	3317.1	3252.8	3196.9	3130.8	3024.1	2942.7	2819.1	2731.0
45°	3994.8	3935.5	3866.1	3767.8	3688.2	3596.7	3503.5	3430.7	3329.0	3217.2	3103.7
47.5°	4530.2	4482.7	4401.4	4304.8	4225.2	4133.7	4023.6	3930.4	3806.8	3676.3	3522.1
50°	5119.7	5070.6	5016.4	4908.0	4828.3	4741.9	4655.5	4545.4	4433.6	4277.7	4118.5
52.5°	5666.9	5677.1	5644.9	5594.1	5555.1	5465.3	5385.7	5280.7	5182.4	5040.1	4916.4
55°	6207.4	6295.5	6329.3	6378.5	6395.4	6322.6	6320.9	6166.7	6107.4	6024.4	5953.2
57.5°	6920.6	7115.4	7269.6	7567.8	7693.1	7820.2	7843.9	7735.5	7847.3	7703.3	7752.4
60°	7527.1	7884.6	8267.5	9038.3	9424.6	9716.0	9949.8	10122.6	10234.4	10424.1	10434.3
62.5°	7581.3	8143.8	8726.6	9851.5	10380.1	10822.2	11244.1	11538.9	11772.7	11987.8	12040.3
64°	7322.1	8018.4	8726.6	10087.0	10627.4	11118.7	11503.3	11796.4	12035.3	12169.1	12257.2
65°	6851.1	7630.5	8445.3	9931.1	10488.5	11010.3	11377.9	11672.7	11898.0	12031.9	12123.3
67.5°	5075.7	5829.6	6647.8	8377.6	9255.1	9732.9	10203.9	10617.2	10798.5	10967.9	11000.1
70°	3093.5	3640.7	4204.9	5809.2	6624.1	7483.1	8013.3	8618.1	9041.7	9302.6	9389.0
72.5°	1867.0	2056.7	2393.8	3256.2	4037.2	4640.3	5373.8	5951.6	6425.9	6688.5	6820.7
75°	1662.0	1638.2	1682.3	2041.5	2319.3	2681.8	2947.8	3310.4	3603.5	3694.9	3866.1
77.5°	1921.2	1853.4	1783.9	1716.2	1702.6	1668.7	1614.5	1628.1	1499.3	1375.7	1379.0
80°	1711.1	1873.7	1970.3	1899.1	1738.2	1575.6	1375.7	1126.6	881.0	728.5	664.1
82.5°	858.9	1221.5	1570.5	1916.1	1892.4	1748.4	1528.1	1255.4	972.4	747.1	596.3
85°	264.3	469.3	660.7	918.2	1065.6	1045.3	918.2	892.8	637.0	496.4	382.9
87.5°	11.9	11.9	11.9	10.2	11.9	11.9	11.9	13.6	13.6	15.2	15.2
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	181.3	181.3	181.3	181.3	181.3	181.3	181.3	181.3	181.3	181.3	181.3
2.5°	198.2	196.5	194.8	193.1	193.1	193.1	191.4	191.4	189.7	189.7	188.1
5°	218.5	215.2	213.5	210.1	210.1	206.7	205.0	203.3	199.9	198.2	196.5
7.5°	245.7	242.3	237.2	232.1	230.4	225.3	220.2	216.9	213.5	210.1	206.7
10°	281.2	274.5	264.3	257.5	252.4	245.7	238.9	233.8	227.0	220.2	216.9
12.5°	327.0	313.4	303.3	291.4	281.2	271.1	259.2	252.4	245.7	235.5	228.7
15°	379.5	365.9	354.1	333.7	316.8	303.3	293.1	277.8	266.0	252.4	242.3
17.5°	469.3	433.7	410.0	389.7	372.7	347.3	327.0	310.0	294.8	277.8	266.0
20°	557.4	526.9	494.7	471.0	433.7	411.7	384.6	360.9	333.7	313.4	293.1
22.5°	686.1	647.2	606.5	570.9	520.1	489.6	454.0	423.5	389.7	355.8	333.7
25°	848.8	791.2	737.0	686.1	638.7	593.0	547.2	498.1	462.5	421.8	384.6
27.5°	1019.9	955.5	903.0	836.9	775.9	720.0	662.4	609.9	548.9	496.4	452.3
30°	1235.0	1146.9	1086.0	1006.3	945.3	867.4	796.3	726.8	652.2	591.3	528.6
32.5°	1453.6	1394.3	1290.9	1223.2	1131.7	1038.5	964.0	884.3	792.9	713.2	637.0
35°	1741.6	1639.9	1553.5	1458.7	1358.7	1262.1	1165.6	1052.1	958.9	860.6	767.5
37.5°	1995.7	1892.4	1792.4	1668.7	1555.2	1453.6	1336.7	1218.1	1108.0	991.1	879.3
40°	2290.5	2161.7	2043.1	1927.9	1787.3	1667.0	1545.1	1397.7	1270.6	1141.9	1009.7
42.5°	2612.4	2481.9	2341.3	2209.2	2055.0	1907.6	1756.8	1609.4	1467.1	1311.3	1157.1
45°	2964.8	2827.5	2670.0	2519.2	2351.5	2188.8	2009.3	1839.8	1672.1	1497.6	1319.7
47.5°	3401.9	3225.7	3080.0	2891.9	2683.5	2512.4	2292.2	2099.1	1907.6	1704.3	1504.4
50°	3967.7	3767.8	3557.7	3349.3	3118.9	2902.1	2658.1	2429.4	2173.6	1946.6	1717.9
52.5°	4718.2	4569.1	4325.2	4086.3	3805.1	3528.9	3193.5	2897.0	2568.3	2278.6	1999.1
55°	5783.8	5685.6	5473.8	5212.9	4967.3	4564.0	4177.8	3717.0	3290.0	2873.3	2480.2
57.5°	7713.5	7606.7	7371.3	7308.6	6930.8	6634.3	6182.0	5585.6	4862.2	4225.2	3589.9
60°	10491.9	10283.5	10053.1	10010.7	9566.9	9255.1	8806.2	8170.9	7489.8	6473.4	5607.6
62.5°	12043.7	11981.0	11794.7	11566.0	11181.4	10718.9	10214.0	9599.1	8907.8	8016.7	6986.7
64°	12252.1	12194.5	12033.6	11776.0	11389.8	10930.7	10371.6	9758.3	9065.4	8252.2	7312.0
65°	12121.7	12040.3	11903.1	11665.9	11306.8	10866.3	10303.8	9682.1	8979.0	8196.3	7322.1
67.5°	11069.6	11032.3	10906.9	10686.7	10461.4	10065.0	9570.3	9014.6	8440.3	7664.3	6947.7
70°	9399.2	9372.0	9212.8	9124.7	8752.0	8501.3	8101.4	7664.3	7156.1	6615.7	6005.8
72.5°	6968.0	6876.6	6747.8	6614.0	6361.5	6017.6	5705.9	5240.0	4977.4	4521.7	4177.8
75°	3694.9	3637.3	3437.4	3157.9	2846.2	2685.2	2361.6	2071.9	1841.5	1738.2	1489.2
77.5°	1277.4	1163.9	1052.1	926.7	735.3	579.4	462.5	369.3	291.4	257.5	215.2
80°	637.0	604.8	569.2	498.1	418.5	337.1	264.3	208.4	171.1	145.7	130.4
82.5°	516.7	457.4	408.3	357.5	286.3	235.5	186.4	152.5	125.4	110.1	96.6
85°	304.9	233.8	177.9	160.9	125.4	108.4	93.2	79.6	67.8	64.4	59.3
87.5°	11.9	15.2	15.2	11.9	15.2	13.6	13.6	11.9	11.9	11.9	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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	181.3	181.3	181.3	181.3	181.3	181.3	181.3	181.3	181.3	181.3	181.3
2.5°	188.1	186.4	186.4	184.7	183.0	183.0	183.0	181.3	177.9	171.1	166.0
5°	194.8	193.1	191.4	188.1	186.4	184.7	183.0	183.0	174.5	162.6	154.2
7.5°	203.3	199.9	196.5	193.1	191.4	188.1	184.7	183.0	171.1	155.9	147.4
10°	211.8	206.7	201.6	199.9	194.8	191.4	186.4	183.0	169.4	150.8	138.9
12.5°	221.9	215.2	208.4	203.3	196.5	193.1	188.1	183.0	166.0	145.7	132.1
15°	233.8	223.6	215.2	210.1	203.3	194.8	188.1	183.0	162.6	140.6	125.4
17.5°	249.0	237.2	227.0	216.9	206.7	198.2	191.4	184.7	157.6	133.8	116.9
20°	272.8	257.5	240.6	228.7	215.2	205.0	193.1	184.7	154.2	127.1	110.1
22.5°	304.9	281.2	262.6	242.3	225.3	211.8	198.2	188.1	149.1	120.3	101.6
25°	350.7	320.2	289.7	264.3	242.3	223.6	206.7	193.1	145.7	115.2	96.6
27.5°	401.5	365.9	325.3	294.8	264.3	237.2	218.5	201.6	145.7	111.8	91.5
30°	472.7	421.8	372.7	333.7	293.1	262.6	235.5	213.5	145.7	110.1	86.4
32.5°	559.1	501.5	438.8	382.9	335.4	291.4	257.5	228.7	149.1	106.7	83.0
35°	679.4	594.6	520.1	450.6	388.0	337.1	293.1	254.1	154.2	105.0	77.9
37.5°	774.2	672.6	577.7	498.1	425.2	362.5	306.6	264.3	149.1	98.3	72.8
40°	887.7	772.5	657.3	557.4	474.4	393.0	328.7	277.8	145.7	89.8	66.1
42.5°	1025.0	881.0	747.1	633.6	530.3	433.7	357.5	294.8	145.7	84.7	61.0
45°	1153.7	996.2	847.1	704.8	584.5	477.8	384.6	313.4	144.0	79.6	54.2
47.5°	1313.0	1126.6	952.1	787.8	648.9	518.4	413.4	330.4	142.3	74.5	49.1
50°	1501.0	1274.0	1077.5	881.0	711.5	567.5	447.3	349.0	138.9	69.5	44.0
52.5°	1709.4	1465.4	1214.7	987.7	789.5	620.1	479.4	365.9	133.8	64.4	39.0
55°	2078.7	1743.3	1446.8	1165.6	908.1	698.0	526.9	391.3	128.8	59.3	33.9
57.5°	2964.8	2409.1	1988.9	1565.4	1196.1	896.2	655.6	464.2	122.0	52.5	27.1
60°	4655.5	3739.0	3025.8	2373.5	1809.4	1375.7	965.7	686.1	130.4	44.0	23.7
62.5°	5971.9	4918.1	4010.1	3191.8	2478.5	1883.9	1406.1	1025.0	188.1	39.0	18.6
64°	6315.8	5248.5	4279.4	3422.2	2680.1	2066.9	1568.8	1158.8	242.3	39.0	16.9
65°	6366.6	5350.1	4376.0	3506.9	2749.6	2116.0	1616.2	1202.8	264.3	40.7	15.2
67.5°	6156.5	5290.8	4404.8	3542.5	2802.1	2183.8	1680.6	1272.3	298.2	39.0	11.9
70°	5377.2	4740.2	4011.8	3313.8	2642.9	2075.3	1616.2	1233.3	311.7	37.3	10.2
72.5°	3659.4	3220.6	2790.3	2295.6	1839.8	1516.3	1179.1	869.1	218.5	30.5	8.5
75°	1219.8	1189.3	1063.9	806.4	677.7	550.6	440.5	338.8	83.0	18.6	8.5
77.5°	203.3	174.5	152.5	145.7	122.0	118.6	103.3	83.0	35.6	11.9	8.5
80°	118.6	108.4	94.9	84.7	74.5	66.1	55.9	47.4	22.0	8.5	10.2
82.5°	88.1	77.9	69.5	61.0	52.5	45.7	39.0	32.2	11.9	8.5	10.2
85°	50.8	44.0	39.0	33.9	27.1	23.7	20.3	16.9	8.5	8.5	8.5
87.5°	10.2	10.2	8.5	8.5	8.5	8.5	8.5	6.8	8.5	8.5	6.8
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):

	125°	135°	145°	155°	165°	175°	180°
0°	181.3	181.3	181.3	181.3	181.3	181.3	181.3
2.5°	162.6	157.6	155.9	155.9	155.9	155.9	155.9
5°	149.1	144.0	140.6	138.9	138.9	138.9	138.9
7.5°	138.9	132.1	128.8	125.4	125.4	123.7	123.7
10°	128.8	122.0	116.9	113.5	111.8	111.8	111.8
12.5°	120.3	113.5	106.7	103.3	103.3	101.6	101.6
15°	113.5	103.3	98.3	94.9	94.9	93.2	93.2
17.5°	105.0	96.6	91.5	88.1	86.4	86.4	86.4
20°	96.6	88.1	83.0	81.3	79.6	79.6	77.9
22.5°	89.8	81.3	76.2	74.5	72.8	72.8	71.2
25°	83.0	74.5	69.5	67.8	66.1	64.4	64.4
27.5°	77.9	69.5	64.4	61.0	59.3	57.6	57.6
30°	72.8	62.7	57.6	54.2	52.5	50.8	50.8
32.5°	67.8	57.6	50.8	47.4	45.7	44.0	44.0
35°	61.0	50.8	44.0	42.4	40.7	39.0	37.3
37.5°	55.9	44.0	39.0	35.6	33.9	32.2	32.2
40°	49.1	39.0	33.9	30.5	27.1	25.4	25.4
42.5°	44.0	33.9	28.8	23.7	22.0	20.3	20.3
45°	39.0	30.5	23.7	18.6	16.9	15.2	15.2
47.5°	33.9	25.4	18.6	15.2	13.6	11.9	11.9
50°	28.8	20.3	13.6	10.2	11.9	10.2	10.2
52.5°	25.4	15.2	10.2	10.2	10.2	10.2	10.2
55°	20.3	11.9	8.5	8.5	10.2	10.2	10.2
57.5°	16.9	8.5	6.8	8.5	8.5	8.5	8.5
60°	11.9	6.8	6.8	8.5	8.5	8.5	8.5
62.5°	10.2	6.8	6.8	6.8	8.5	8.5	8.5
64°	8.5	6.8	6.8	6.8	8.5	8.5	8.5
65°	8.5	6.8	6.8	6.8	8.5	8.5	8.5
67.5°	8.5	6.8	6.8	6.8	8.5	8.5	8.5
70°	6.8	6.8	6.8	6.8	8.5	8.5	8.5
72.5°	6.8	6.8	6.8	6.8	8.5	8.5	8.5
75°	6.8	6.8	6.8	6.8	8.5	8.5	8.5
77.5°	6.8	6.8	6.8	8.5	8.5	8.5	8.5
80°	6.8	6.8	6.8	8.5	8.5	8.5	8.5
82.5°	6.8	6.8	6.8	8.5	8.5	8.5	8.5
85°	6.8	6.8	6.8	8.5	8.5	8.5	8.5
87.5°	6.8	6.8	6.8	8.5	8.5	8.5	8.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)