

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: P154243

Luminaire Tested: **AVM-F06-LED-E-U-T2-HSS-8030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P154243  
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-8030  
Description: VISION SITE MEDIUM LED LUMINAIRE  
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 AREA W/ HOUSE SIDE SHIELD  
Light Source: (42) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6694.1 lumens  
Efficiency: N/A  
Efficacy: 42.8 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

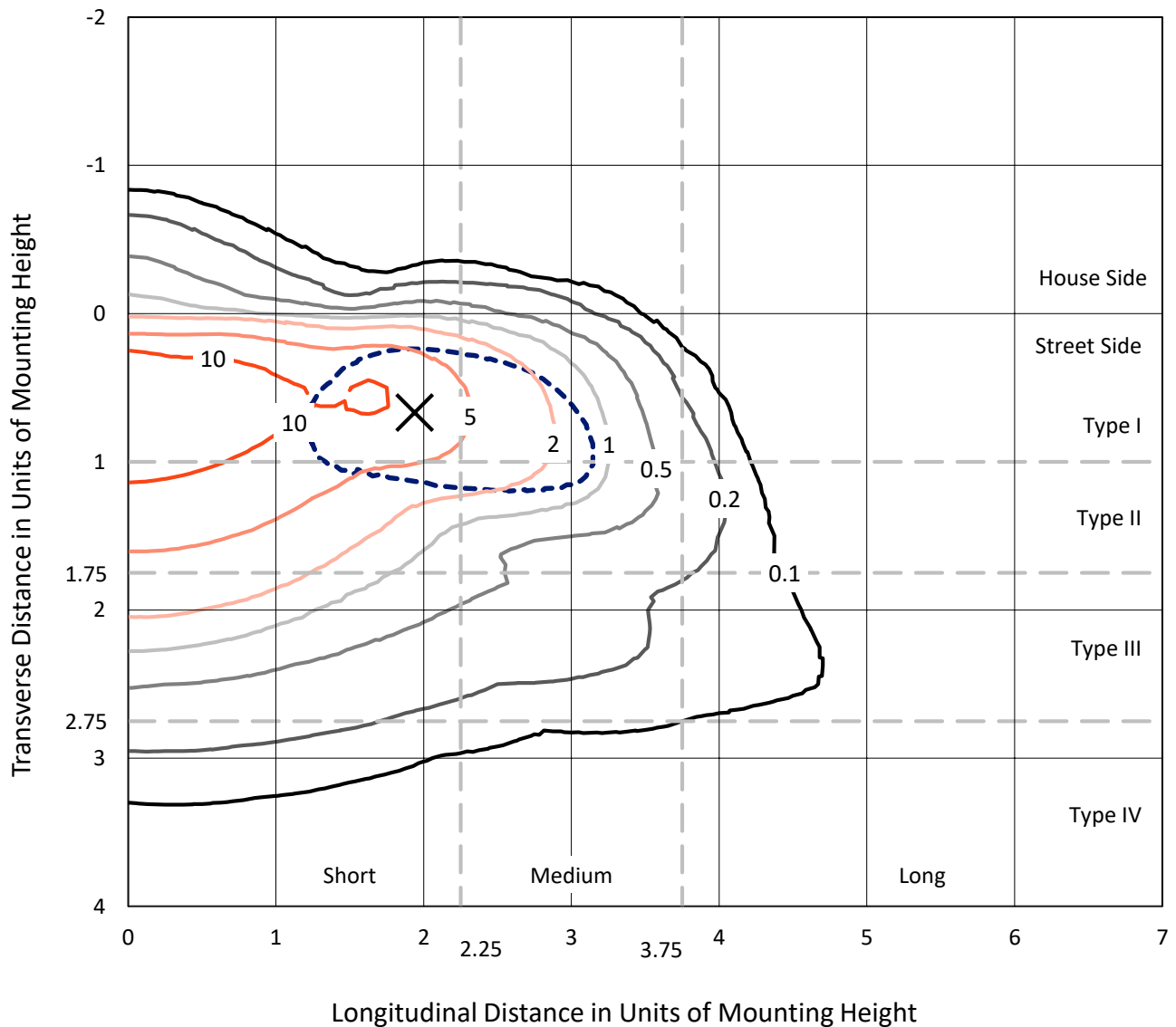
Input Watts (W): 156.5  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

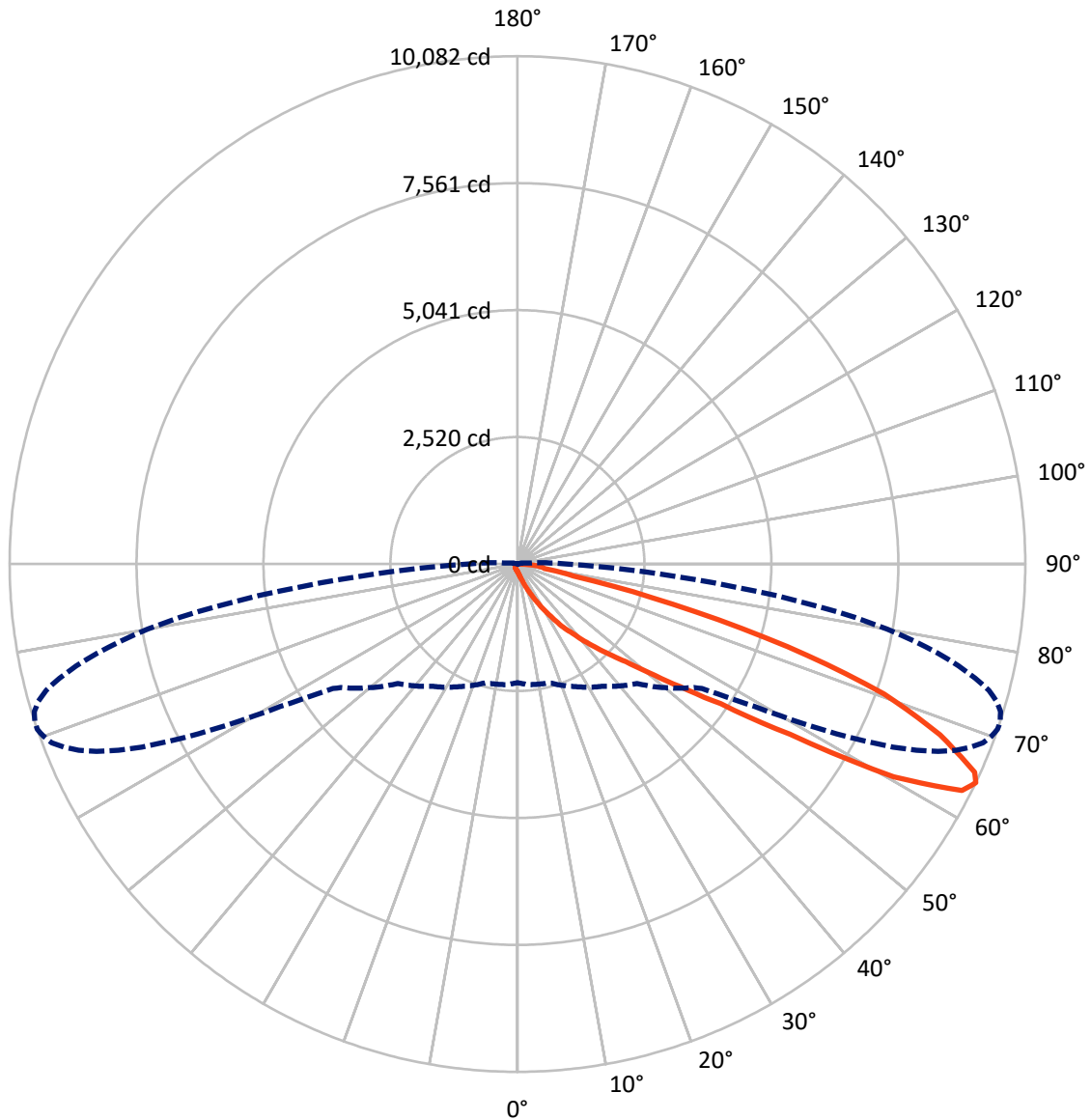
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 13 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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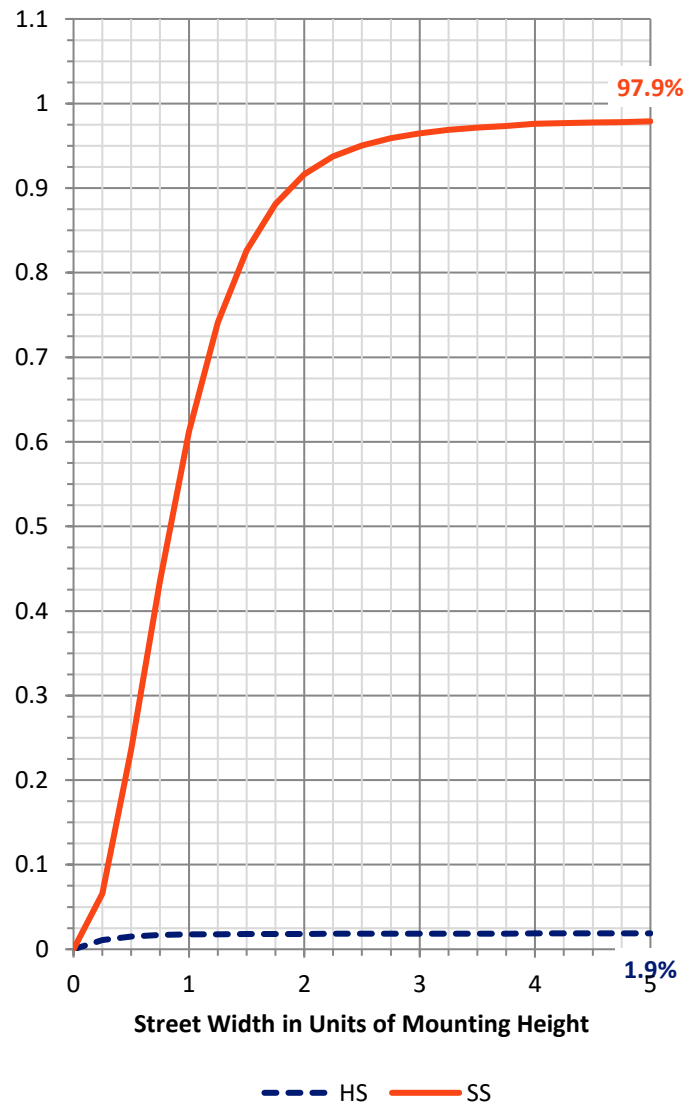
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	128.2	0.0	128.2
	% Fixture	1.9	0.0	1.9
<b>Street Side</b>	Lumens	6565.9	0.0	6565.9
	% Fixture	98.1	0.0	98.1
<b>Total</b>	Lumens	6694.1	0.0	6694.1
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	20.5	0.3
10°-20°	121.0	1.8
20°-30°	309.2	4.6
30°-40°	625.3	9.3
40°-50°	1143.0	17.1
50°-60°	1780.8	26.6
60°-70°	1979.4	29.6
70°-80°	645.5	9.6
80°-90°	69.5	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°	6694.1	100.0
0°-180°	6694.1	100.0



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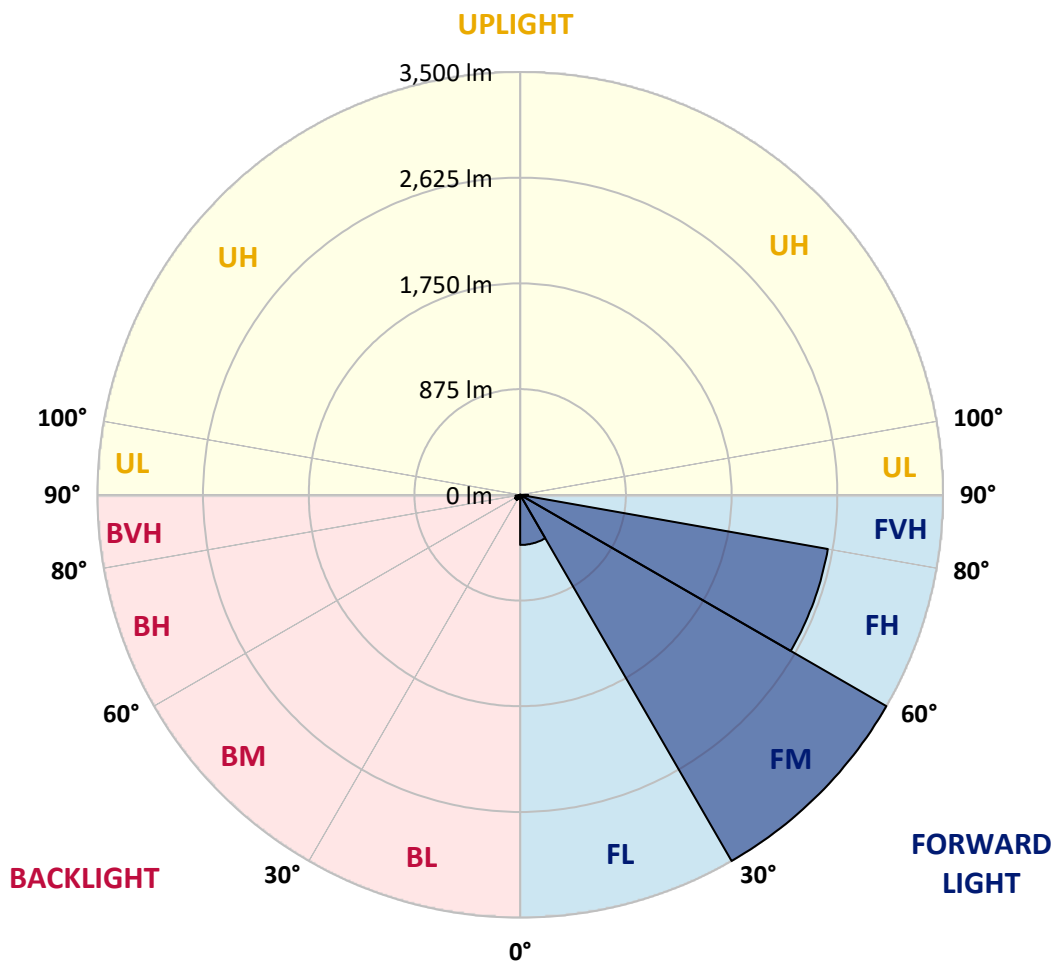
CATALOG NUMBER: AVM-F06-LED-E-U-T2-HSS-8030

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	415.0	6.2			
FM (30°-60°)	3499.5	52.3			
FH (60°-80°)	2585.3	38.6			G2/5000
FVH (80°-90°)	66.1	1.0			G1/100
BL (0°-30°)	35.7	0.5	B0/110		
BM (30°-60°)	49.6	0.7	B0/220		
BH (60°-80°)	39.6	0.6	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 II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	149.1	149.1	149.1	149.1	149.1	149.1	149.1	149.1	149.1	149.1	149.1
2.5°	200.7	197.9	197.9	193.7	188.1	182.5	177.0	175.6	174.2	172.8	172.8
5°	314.9	303.8	299.6	284.3	264.8	241.1	220.2	214.6	214.6	210.4	207.6
7.5°	494.7	489.1	459.8	444.5	398.5	341.4	281.5	275.9	274.5	268.9	260.6
10°	724.6	713.5	692.6	648.0	564.4	465.4	380.4	366.5	356.7	345.6	334.4
12.5°	954.5	940.6	909.9	837.5	753.9	627.1	490.5	478.0	462.6	447.3	429.2
15°	1184.5	1174.7	1127.3	1054.9	946.2	794.3	621.5	599.2	586.7	556.0	542.1
17.5°	1383.7	1371.2	1333.6	1251.3	1138.5	971.2	766.4	738.5	717.6	699.5	666.1
20°	1556.5	1544.0	1507.7	1439.5	1312.6	1148.2	922.5	908.5	870.9	843.1	823.5
22.5°	1662.4	1658.2	1634.5	1569.0	1456.2	1309.9	1100.8	1078.5	1053.5	1015.8	993.5
25°	1727.9	1723.7	1709.8	1663.8	1587.2	1479.9	1297.3	1269.5	1247.2	1213.7	1185.8
27.5°	1796.2	1793.4	1782.2	1741.8	1701.4	1634.5	1496.6	1481.3	1432.5	1413.0	1386.5
30°	1909.1	1896.5	1906.3	1886.8	1835.2	1793.4	1697.2	1675.0	1654.1	1620.6	1596.9
32.5°	2088.8	2067.9	2088.8	2067.9	2045.6	1995.5	1903.5	1896.5	1875.6	1854.7	1821.3
35°	2309.0	2300.6	2317.3	2335.5	2317.3	2250.5	2139.0	2118.1	2109.7	2076.3	2063.7
37.5°	2530.5	2545.9	2576.5	2616.9	2605.8	2557.0	2399.6	2380.0	2364.7	2335.5	2313.2
40°	2768.8	2770.2	2835.7	2894.2	2923.5	2894.2	2686.6	2671.3	2650.4	2608.6	2603.0
42.5°	3028.0	3016.9	3065.6	3131.1	3191.0	3231.5	3065.6	3036.4	3007.1	2959.7	2927.7
45°	3257.9	3257.9	3297.0	3358.3	3450.2	3552.0	3465.6	3434.9	3407.0	3368.0	3331.8
47.5°	3427.9	3429.3	3453.0	3542.2	3685.7	3837.6	3840.4	3846.0	3825.1	3779.1	3780.5
50°	3547.8	3532.4	3564.5	3650.9	3816.7	4055.0	4226.4	4236.2	4252.9	4215.3	4226.4
52.5°	3635.6	3628.6	3649.5	3722.0	3887.8	4179.0	4542.7	4584.5	4609.6	4615.2	4661.2
55°	3589.6	3593.8	3643.9	3748.4	3926.8	4261.2	4811.7	4879.9	4938.5	4988.6	5045.8
57.5°	3437.7	3450.2	3538.0	3701.1	3935.2	4328.1	5097.3	5201.8	5311.9	5445.7	5558.6
60°	3195.2	3224.5	3342.9	3571.5	3854.3	4240.3	5182.3	5342.6	5511.2	5714.6	5941.8
62.5°	2839.9	2845.5	2923.5	3145.1	3457.2	3773.5	4792.1	4997.0	5219.9	5514.0	5831.7
64°	2353.6	2403.7	2440.0	2683.8	2962.5	3356.9	4276.6	4418.7	4729.4	5090.3	5490.3
65°	1942.5	2002.4	2031.7	2275.5	2594.6	2970.9	3827.9	3979.8	4307.2	4673.7	5172.6
67.5°	1145.4	1105.0	1190.0	1333.6	1601.1	2047.0	2582.1	2697.8	2941.6	3377.8	3776.3
70°	738.5	738.5	816.6	962.9	1210.9	1552.3	1773.9	1725.1	1776.7	1945.3	2226.8
72.5°	473.8	498.9	546.2	670.3	900.2	1301.5	1812.9	1583.0	1463.1	1407.4	1404.6
75°	216.0	229.9	281.5	355.3	480.7	848.6	1828.2	1727.9	1617.8	1511.9	1429.7
77.5°	46.0	53.0	89.2	183.9	234.1	391.6	1297.3	1447.8	1567.7	1602.5	1602.5
80°	23.7	25.1	37.6	86.4	100.3	132.4	500.3	657.7	811.0	1013.1	1224.9
82.5°	9.8	11.1	22.3	39.0	41.8	40.4	132.4	167.2	229.9	334.4	498.9
85°	2.8	2.8	9.8	15.3	22.3	18.1	29.3	33.4	43.2	62.7	119.8
87.5°	0.0	0.0	1.4	2.8	4.2	7.0	8.4	8.4	8.4	8.4	8.4
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°	149.1	149.1	149.1	149.1	149.1	149.1	149.1	149.1	149.1	149.1	149.1
2.5°	171.4	171.4	170.0	168.6	168.6	165.8	165.8	164.4	164.4	163.0	163.0
5°	206.2	203.4	200.7	196.5	195.1	192.3	189.5	186.7	183.9	182.5	179.8
7.5°	256.4	253.6	245.3	239.7	232.7	228.5	223.0	218.8	214.6	211.8	206.2
10°	323.3	313.5	309.4	289.8	285.7	275.9	267.5	262.0	250.8	243.9	236.9
12.5°	418.0	399.9	393.0	359.5	349.8	335.8	326.1	312.1	299.6	291.2	278.7
15°	525.3	511.4	484.9	451.5	433.4	418.0	394.4	383.2	366.5	348.4	330.3
17.5°	653.5	628.5	599.2	556.0	533.7	510.0	487.7	464.0	436.2	419.4	399.9
20°	802.6	776.2	739.9	685.6	659.1	635.4	596.4	579.7	546.2	512.8	487.7
22.5°	965.7	939.2	904.4	843.1	808.2	769.2	737.1	707.9	668.9	635.4	606.2
25°	1149.6	1119.0	1092.5	1021.4	978.2	937.8	903.0	851.4	818.0	779.0	738.5
27.5°	1358.6	1322.4	1287.6	1209.5	1169.1	1124.5	1082.7	1028.4	996.3	932.2	894.6
30°	1573.2	1528.6	1492.4	1413.0	1376.7	1330.8	1273.6	1224.9	1170.5	1127.3	1066.0
32.5°	1799.0	1762.7	1733.5	1649.9	1603.9	1546.8	1495.2	1443.6	1396.3	1326.6	1270.8
35°	2040.0	2008.0	1975.9	1903.5	1863.1	1819.9	1761.3	1698.6	1633.1	1560.7	1510.5
37.5°	2293.7	2268.6	2243.5	2155.7	2108.3	2062.3	1995.5	1932.7	1874.2	1797.6	1712.6
40°	2559.8	2536.1	2495.7	2423.2	2373.1	2331.3	2270.0	2211.4	2132.0	2047.0	1971.8
42.5°	2894.2	2842.7	2807.8	2728.4	2675.5	2629.5	2575.1	2487.3	2420.5	2318.7	2246.3
45°	3285.8	3237.0	3179.9	3099.1	3033.6	2958.3	2881.7	2821.8	2738.2	2646.2	2552.8
47.5°	3726.1	3687.1	3620.2	3540.8	3475.3	3400.1	3309.5	3232.9	3131.1	3023.8	2897.0
50°	4211.1	4170.7	4126.1	4036.9	3971.4	3900.3	3829.3	3738.7	3646.7	3518.5	3387.5
52.5°	4661.2	4669.5	4643.0	4601.2	4569.2	4495.3	4429.8	4343.4	4262.6	4145.6	4043.9
55°	5105.7	5178.1	5206.0	5246.4	5260.4	5200.4	5199.0	5072.2	5023.5	4955.2	4896.7
57.5°	5692.3	5852.6	5979.4	6224.6	6327.8	6432.3	6451.8	6362.6	6454.6	6336.1	6376.5
60°	6191.2	6485.2	6800.1	7434.2	7751.9	7991.6	8183.9	8326.0	8418.0	8574.0	8582.4
62.5°	6235.8	6698.4	7177.8	8103.0	8537.8	8901.5	9248.5	9490.9	9683.2	9860.2	9903.4
64°	6022.6	6595.3	7177.8	8296.7	8741.2	9145.4	9461.7	9702.7	9899.2	10009.3	10081.8
65°	5635.2	6276.2	6946.5	8168.5	8627.0	9056.2	9358.6	9601.0	9786.3	9896.4	9971.7
67.5°	4174.8	4794.9	5468.0	6890.7	7612.5	8005.5	8392.9	8732.9	8882.0	9021.3	9047.8
70°	2544.5	2994.6	3458.6	4778.2	5448.5	6155.0	6591.1	7088.6	7437.0	7651.5	7722.6
72.5°	1535.6	1691.7	1969.0	2678.3	3320.6	3816.7	4420.1	4895.3	5285.4	5501.4	5610.1
75°	1367.0	1347.5	1383.7	1679.1	1907.7	2205.9	2424.6	2722.8	2963.9	3039.2	3179.9
77.5°	1580.2	1524.5	1467.3	1411.6	1400.4	1372.6	1328.0	1339.1	1233.2	1131.5	1134.3
80°	1407.4	1541.2	1620.6	1562.1	1429.7	1295.9	1131.5	926.7	724.6	599.2	546.2
82.5°	706.5	1004.7	1291.7	1576.0	1556.5	1438.1	1256.9	1032.6	799.9	614.5	490.5
85°	217.4	386.0	543.5	755.3	876.5	859.8	755.3	734.4	523.9	408.3	314.9
87.5°	9.8	9.8	9.8	8.4	9.8	9.8	9.8	11.1	11.1	12.5	12.5
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°	149.1	149.1	149.1	149.1	149.1	149.1	149.1	149.1	149.1	149.1	149.1
2.5°	163.0	161.6	160.2	158.9	158.9	158.9	157.5	157.5	156.1	156.1	154.7
5°	179.8	177.0	175.6	172.8	172.8	170.0	168.6	167.2	164.4	163.0	161.6
7.5°	202.1	199.3	195.1	190.9	189.5	185.3	181.2	178.4	175.6	172.8	170.0
10°	231.3	225.7	217.4	211.8	207.6	202.1	196.5	192.3	186.7	181.2	178.4
12.5°	268.9	257.8	249.4	239.7	231.3	223.0	213.2	207.6	202.1	193.7	188.1
15°	312.1	301.0	291.2	274.5	260.6	249.4	241.1	228.5	218.8	207.6	199.3
17.5°	386.0	356.7	337.2	320.5	306.6	285.7	268.9	255.0	242.5	228.5	218.8
20°	458.5	433.4	406.9	387.4	356.7	338.6	316.3	296.8	274.5	257.8	241.1
22.5°	564.4	532.3	498.9	469.6	427.8	402.7	373.5	348.4	320.5	292.6	274.5
25°	698.1	650.8	606.2	564.4	525.3	487.7	450.1	409.7	380.4	347.0	316.3
27.5°	838.9	785.9	742.7	688.4	638.2	592.2	544.8	501.6	451.5	408.3	372.1
30°	1015.8	943.4	893.2	827.7	777.6	713.5	654.9	597.8	536.5	486.3	434.8
32.5°	1195.6	1146.8	1061.8	1006.1	930.8	854.2	792.9	727.4	652.1	586.7	523.9
35°	1432.5	1348.9	1277.8	1199.8	1117.6	1038.1	958.7	865.3	788.7	707.9	631.2
37.5°	1641.5	1556.5	1474.3	1372.6	1279.2	1195.6	1099.4	1001.9	911.3	815.2	723.2
40°	1884.0	1778.1	1680.5	1585.8	1470.1	1371.2	1270.8	1149.6	1045.1	939.2	830.5
42.5°	2148.7	2041.4	1925.8	1817.1	1690.3	1569.0	1445.0	1323.8	1206.7	1078.5	951.7
45°	2438.6	2325.7	2196.1	2072.1	1934.1	1800.4	1652.7	1513.3	1375.4	1231.8	1085.5
47.5°	2798.1	2653.2	2533.3	2378.7	2207.3	2066.5	1885.4	1726.5	1569.0	1401.8	1237.4
50°	3263.5	3099.1	2926.3	2754.9	2565.4	2387.0	2186.4	1998.2	1787.8	1601.1	1413.0
52.5°	3880.8	3758.2	3557.5	3361.1	3129.7	2902.6	2626.7	2382.8	2112.5	1874.2	1644.3
55°	4757.3	4676.5	4502.3	4287.7	4085.7	3754.0	3436.3	3057.3	2706.1	2363.3	2040.0
57.5°	6344.5	6256.7	6063.0	6011.4	5700.7	5456.8	5084.8	4594.3	3999.3	3475.3	2952.8
60°	8629.8	8458.4	8268.9	8234.0	7868.9	7612.5	7243.3	6720.7	6160.5	5324.5	4612.4
62.5°	9906.2	9854.6	9701.3	9513.2	9196.9	8816.5	8401.2	7895.4	7326.9	6593.9	5746.7
64°	10077.6	10030.2	9897.8	9686.0	9368.3	8990.7	8530.8	8026.4	7456.5	6787.6	6014.2
65°	9970.3	9903.4	9790.5	9595.4	9300.0	8937.7	8475.1	7963.7	7385.4	6741.6	6022.6
67.5°	9104.9	9074.3	8971.2	8790.0	8604.7	8278.6	7871.7	7414.7	6942.3	6304.1	5714.6
70°	7731.0	7708.7	7577.7	7505.2	7198.7	6992.4	6663.6	6304.1	5886.0	5441.5	4939.9
72.5°	5731.3	5656.1	5550.2	5440.1	5232.5	4949.6	4693.2	4310.0	4094.0	3719.2	3436.3
75°	3039.2	2991.8	2827.4	2597.4	2341.0	2208.7	1942.5	1704.2	1514.7	1429.7	1224.9
77.5°	1050.7	957.3	865.3	762.2	604.8	476.6	380.4	303.8	239.7	211.8	177.0
80°	523.9	497.5	468.2	409.7	344.2	277.3	217.4	171.4	140.7	119.8	107.3
82.5°	425.0	376.2	335.8	294.0	235.5	193.7	153.3	125.4	103.1	90.6	79.4
85°	250.8	192.3	146.3	132.4	103.1	89.2	76.6	65.5	55.7	53.0	48.8
87.5°	9.8	12.5	12.5	9.8	12.5	11.1	11.1	9.8	9.8	9.8	9.8
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):**

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	149.1	149.1	149.1	149.1	149.1	149.1	149.1	149.1	149.1	149.1	149.1
2.5°	154.7	153.3	153.3	151.9	150.5	150.5	150.5	149.1	146.3	140.7	136.6
5°	160.2	158.9	157.5	154.7	153.3	151.9	150.5	150.5	143.5	133.8	126.8
7.5°	167.2	164.4	161.6	158.9	157.5	154.7	151.9	150.5	140.7	128.2	121.2
10°	174.2	170.0	165.8	164.4	160.2	157.5	153.3	150.5	139.3	124.0	114.3
12.5°	182.5	177.0	171.4	167.2	161.6	158.9	154.7	150.5	136.6	119.8	108.7
15°	192.3	183.9	177.0	172.8	167.2	160.2	154.7	150.5	133.8	115.7	103.1
17.5°	204.8	195.1	186.7	178.4	170.0	163.0	157.5	151.9	129.6	110.1	96.1
20°	224.3	211.8	197.9	188.1	177.0	168.6	158.9	151.9	126.8	104.5	90.6
22.5°	250.8	231.3	216.0	199.3	185.3	174.2	163.0	154.7	122.6	98.9	83.6
25°	288.4	263.4	238.3	217.4	199.3	183.9	170.0	158.9	119.8	94.8	79.4
27.5°	330.3	301.0	267.5	242.5	217.4	195.1	179.8	165.8	119.8	92.0	75.2
30°	388.8	347.0	306.6	274.5	241.1	216.0	193.7	175.6	119.8	90.6	71.1
32.5°	459.8	412.5	360.9	314.9	275.9	239.7	211.8	188.1	122.6	87.8	68.3
35°	558.8	489.1	427.8	370.7	319.1	277.3	241.1	209.0	126.8	86.4	64.1
37.5°	636.8	553.2	475.2	409.7	349.8	298.2	252.2	217.4	122.6	80.8	59.9
40°	730.2	635.4	540.7	458.5	390.2	323.3	270.3	228.5	119.8	73.9	54.3
42.5°	843.1	724.6	614.5	521.2	436.2	356.7	294.0	242.5	119.8	69.7	50.2
45°	949.0	819.4	696.7	579.7	480.7	393.0	316.3	257.8	118.4	65.5	44.6
47.5°	1079.9	926.7	783.1	648.0	533.7	426.4	340.0	271.7	117.1	61.3	40.4
50°	1234.6	1047.9	886.2	724.6	585.3	466.8	367.9	287.1	114.3	57.1	36.2
52.5°	1406.0	1205.4	999.1	812.4	649.4	510.0	394.4	301.0	110.1	53.0	32.0
55°	1709.8	1433.9	1190.0	958.7	746.9	574.1	433.4	321.9	105.9	48.8	27.9
57.5°	2438.6	1981.5	1635.9	1287.6	983.8	737.1	539.3	381.8	100.3	43.2	22.3
60°	3829.3	3075.4	2488.7	1952.3	1488.2	1131.5	794.3	564.4	107.3	36.2	19.5
62.5°	4912.0	4045.2	3298.3	2625.3	2038.6	1549.5	1156.6	843.1	154.7	32.0	15.3
64°	5194.9	4317.0	3519.9	2814.8	2204.5	1700.0	1290.4	953.1	199.3	32.0	13.9
65°	5236.7	4400.6	3599.3	2884.5	2261.6	1740.4	1329.4	989.4	217.4	33.4	12.5
67.5°	5063.9	4351.8	3623.0	2913.7	2304.8	1796.2	1382.3	1046.5	245.3	32.0	9.8
70°	4422.9	3898.9	3299.7	2725.6	2173.8	1707.0	1329.4	1014.4	256.4	30.7	8.4
72.5°	3009.9	2649.0	2295.0	1888.2	1513.3	1247.2	969.9	714.9	179.8	25.1	7.0
75°	1003.3	978.2	875.1	663.3	557.4	452.9	362.3	278.7	68.3	15.3	7.0
77.5°	167.2	143.5	125.4	119.8	100.3	97.5	85.0	68.3	29.3	9.8	7.0
80°	97.5	89.2	78.0	69.7	61.3	54.3	46.0	39.0	18.1	7.0	8.4
82.5°	72.5	64.1	57.1	50.2	43.2	37.6	32.0	26.5	9.8	7.0	8.4
85°	41.8	36.2	32.0	27.9	22.3	19.5	16.7	13.9	7.0	7.0	7.0
87.5°	8.4	8.4	7.0	7.0	7.0	7.0	7.0	5.6	7.0	7.0	5.6
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°	149.1	149.1	149.1	149.1	149.1	149.1	149.1
2.5°	133.8	129.6	128.2	128.2	128.2	128.2	128.2
5°	122.6	118.4	115.7	114.3	114.3	114.3	114.3
7.5°	114.3	108.7	105.9	103.1	103.1	101.7	101.7
10°	105.9	100.3	96.1	93.4	92.0	92.0	92.0
12.5°	98.9	93.4	87.8	85.0	85.0	83.6	83.6
15°	93.4	85.0	80.8	78.0	78.0	76.6	76.6
17.5°	86.4	79.4	75.2	72.5	71.1	71.1	71.1
20°	79.4	72.5	68.3	66.9	65.5	65.5	64.1
22.5°	73.9	66.9	62.7	61.3	59.9	59.9	58.5
25°	68.3	61.3	57.1	55.7	54.3	53.0	53.0
27.5°	64.1	57.1	53.0	50.2	48.8	47.4	47.4
30°	59.9	51.6	47.4	44.6	43.2	41.8	41.8
32.5°	55.7	47.4	41.8	39.0	37.6	36.2	36.2
35°	50.2	41.8	36.2	34.8	33.4	32.0	30.7
37.5°	46.0	36.2	32.0	29.3	27.9	26.5	26.5
40°	40.4	32.0	27.9	25.1	22.3	20.9	20.9
42.5°	36.2	27.9	23.7	19.5	18.1	16.7	16.7
45°	32.0	25.1	19.5	15.3	13.9	12.5	12.5
47.5°	27.9	20.9	15.3	12.5	11.1	9.8	9.8
50°	23.7	16.7	11.1	8.4	9.8	8.4	8.4
52.5°	20.9	12.5	8.4	8.4	8.4	8.4	8.4
55°	16.7	9.8	7.0	7.0	8.4	8.4	8.4
57.5°	13.9	7.0	5.6	7.0	7.0	7.0	7.0
60°	9.8	5.6	5.6	7.0	7.0	7.0	7.0
62.5°	8.4	5.6	5.6	5.6	7.0	7.0	7.0
64°	7.0	5.6	5.6	5.6	7.0	7.0	7.0
65°	7.0	5.6	5.6	5.6	7.0	7.0	7.0
67.5°	7.0	5.6	5.6	5.6	7.0	7.0	7.0
70°	5.6	5.6	5.6	5.6	7.0	7.0	7.0
72.5°	5.6	5.6	5.6	5.6	7.0	7.0	7.0
75°	5.6	5.6	5.6	5.6	7.0	7.0	7.0
77.5°	5.6	5.6	5.6	7.0	7.0	7.0	7.0
80°	5.6	5.6	5.6	7.0	7.0	7.0	7.0
82.5°	5.6	5.6	5.6	7.0	7.0	7.0	7.0
85°	5.6	5.6	5.6	7.0	7.0	7.0	7.0
87.5°	5.6	5.6	5.6	7.0	7.0	7.0	7.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)