

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: P155266

Luminaire Tested: **AVM-F04-LED-E-U-T3-HSS-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P155266
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-F04-LED-E-U-T3-HSS-7050
Description: VISION SITE MEDIUM LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 AREA W/ HOUSE SIDE SHIELD
Light Source: (28) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5524 lumens
Efficiency: N/A
Efficacy: 54.1 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 1' x H: 0')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G2

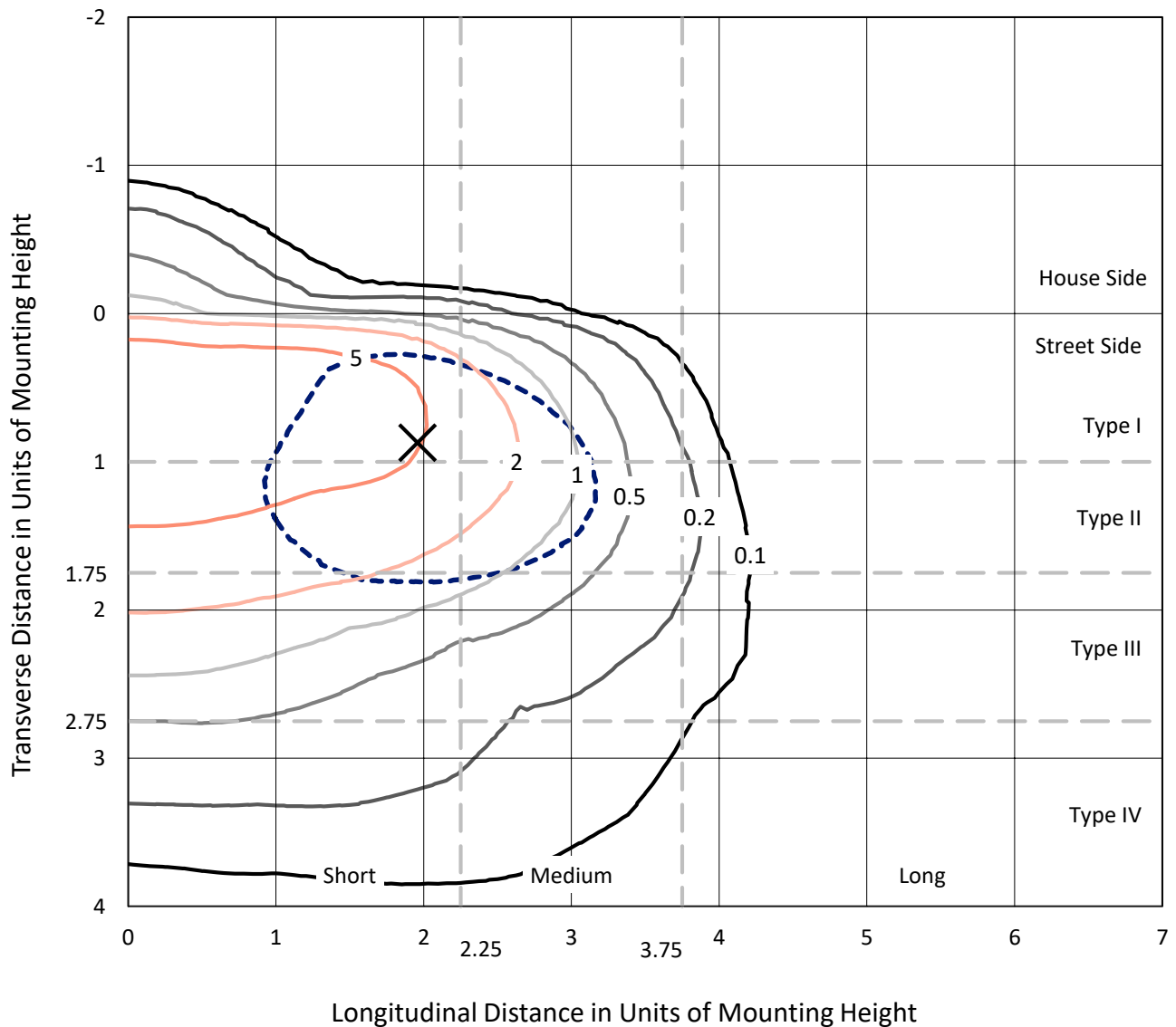
Input Watts (W): 102.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

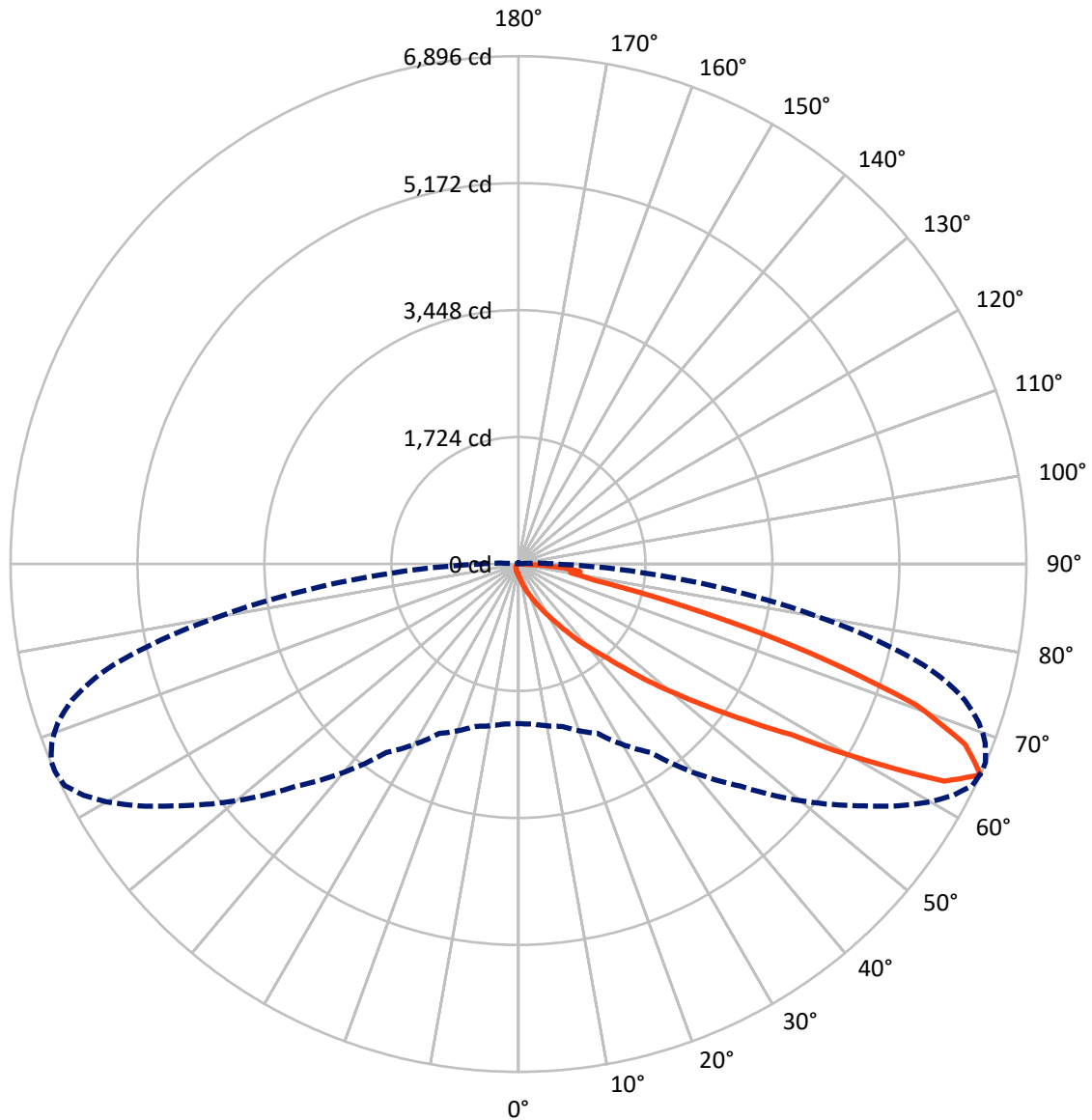
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 8 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	110.9	0.0	110.9
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	5413.1	0.0	5413.1
	% Fixture	98.0	0.0	98.0
Total	Lumens	5524.0	0.0	5524.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.8	0.3
10°-20°	89.8	1.6
20°-30°	205.2	3.7
30°-40°	390.4	7.1
40°-50°	783.5	14.2
50°-60°	1386.3	25.1
60°-70°	1811.4	32.8
70°-80°	744.8	13.5
80°-90°	93.8	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°	5524.0	100.0
0°-180°	5524.0	100.0



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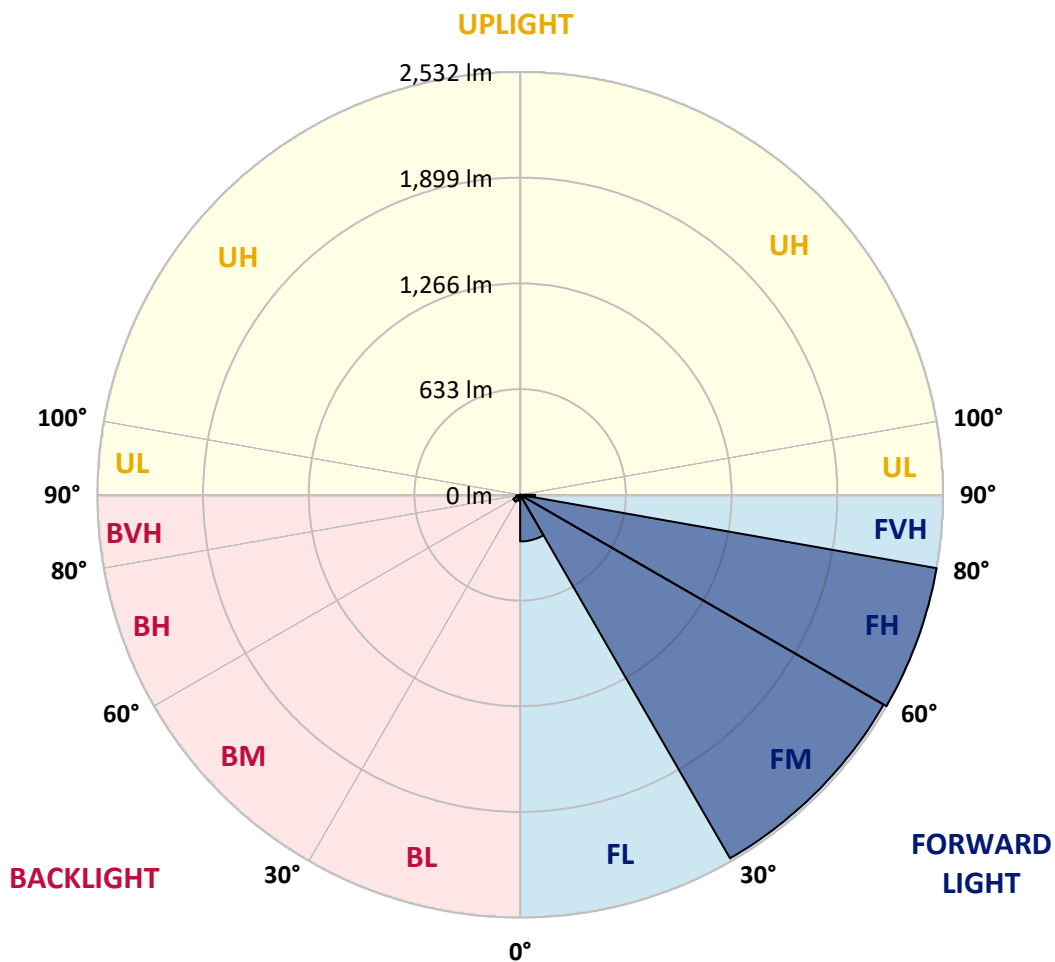
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	279.1	5.1			
FM	(30°-60°)	2512.7	45.5			
FH	(60°-80°)	2531.6	45.8			G2/5000
FVH	(80°-90°)	89.6	1.6			G1/100
BL	(0°-30°)	34.7	0.6	B0/110		
BM	(30°-60°)	47.5	0.9	B0/220		
BH	(60°-80°)	24.5	0.4	B0/110		G0/110
BVH	(80°-90°)	4.2	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°	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6
2.5°	203.3	199.9	201.0	194.3	189.7	184.1	179.6	178.5	177.3	175.1	176.2
5°	292.5	289.1	281.2	267.7	255.3	236.1	216.9	215.7	212.3	208.9	206.7
7.5°	406.6	400.9	391.9	369.3	338.8	304.9	266.5	263.2	258.6	254.1	249.6
10°	538.7	535.4	518.4	492.4	446.1	390.8	326.4	323.0	312.9	307.2	302.7
12.5°	677.7	663.0	656.2	611.0	557.9	482.3	399.8	387.4	379.5	371.6	360.3
15°	782.7	785.0	769.1	733.0	670.9	582.8	480.0	466.5	455.2	440.5	426.9
17.5°	877.6	873.1	856.1	833.5	774.8	685.6	565.8	547.8	529.7	521.8	502.6
20°	954.4	952.1	938.6	917.1	871.9	786.1	656.2	641.5	621.2	607.6	586.2
22.5°	1015.4	1015.4	1007.5	995.0	951.0	882.1	752.2	736.4	716.1	699.1	675.4
25°	1063.9	1062.8	1063.9	1058.3	1028.9	965.7	850.5	832.4	815.5	795.1	772.5
27.5°	1119.3	1121.5	1119.3	1115.9	1103.5	1052.6	949.9	937.4	918.2	896.8	874.2
30°	1205.1	1198.3	1197.2	1194.9	1180.3	1148.6	1052.6	1037.9	1023.3	1008.6	992.8
32.5°	1295.5	1284.2	1280.8	1280.8	1270.6	1242.4	1171.2	1163.3	1141.9	1130.6	1117.0
35°	1398.2	1393.7	1389.2	1390.3	1385.8	1356.5	1297.7	1300.0	1293.2	1270.6	1257.1
37.5°	1548.5	1549.6	1541.7	1527.0	1527.0	1501.0	1467.1	1462.6	1445.7	1440.0	1432.1
40°	1763.0	1757.4	1750.6	1729.2	1721.3	1677.2	1645.6	1634.3	1620.7	1619.6	1610.6
42.5°	2011.5	2004.7	2004.7	1988.9	1973.1	1920.0	1860.2	1852.3	1837.6	1842.1	1838.7
45°	2241.9	2247.6	2255.5	2266.8	2269.0	2246.4	2159.5	2149.3	2141.4	2136.9	2133.5
47.5°	2440.7	2450.9	2476.8	2525.4	2587.5	2595.4	2526.5	2499.4	2493.8	2485.9	2479.1
50°	2583.0	2597.7	2656.4	2751.3	2872.2	2946.7	2909.4	2886.8	2885.7	2864.2	2862.0
52.5°	2664.3	2680.1	2776.1	2919.6	3107.1	3252.8	3299.1	3297.9	3295.7	3276.5	3268.6
55°	2682.4	2699.3	2814.5	3009.9	3277.6	3529.5	3706.8	3711.3	3721.5	3715.8	3715.8
57.5°	2632.7	2654.2	2779.5	3021.2	3366.8	3748.6	4136.0	4162.0	4174.4	4218.4	4269.3
60°	2541.2	2557.0	2682.4	2952.3	3382.7	3948.5	4693.9	4776.4	4840.8	4927.7	5010.2
62.5°	2371.8	2403.4	2523.2	2816.8	3335.2	4178.9	5360.3	5512.8	5638.1	5770.3	5929.5
65°	2166.3	2179.8	2281.5	2537.8	3122.9	4267.0	5728.5	5877.6	6038.0	6179.1	6321.4
67.5°	1908.7	1920.0	2008.1	2117.7	2577.4	3854.8	5365.9	5530.8	5675.4	5791.7	5978.1
70°	1250.3	1275.1	1490.9	1599.3	1801.4	2849.6	4387.9	4547.1	4657.8	4736.8	4952.6
72.5°	916.0	931.8	1018.7	1242.4	1292.1	1684.0	3087.9	3260.7	3301.3	3450.4	3550.9
75°	559.1	598.6	795.1	1063.9	1259.3	1153.2	1850.0	1933.6	2027.3	2135.8	2231.8
77.5°	112.9	128.8	259.8	733.0	1108.0	1232.2	1104.6	1120.4	1166.7	1176.9	1213.0
80°	18.1	19.2	33.9	316.2	641.5	996.2	1104.6	1089.9	1063.9	1045.9	1027.8
82.5°	7.9	9.0	14.7	80.2	136.7	332.1	955.5	1030.0	1115.9	1163.3	1175.7
85°	3.4	3.4	5.6	15.8	20.3	22.6	161.5	213.5	380.6	506.0	582.8
87.5°	2.3	2.3	3.4	3.4	4.5	5.6	7.9	7.9	9.0	10.2	14.7
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°	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6
2.5°	176.2	175.1	175.1	171.7	171.7	170.5	170.5	169.4	169.4	167.2	168.3
5°	205.6	203.3	201.0	197.7	196.5	194.3	192.0	188.6	187.5	185.2	184.1
7.5°	245.1	242.8	238.3	231.5	227.0	222.5	218.0	213.5	210.1	206.7	204.4
10°	293.7	286.9	284.6	271.1	265.4	256.4	250.7	246.2	239.4	233.8	230.4
12.5°	352.4	346.7	335.4	317.4	308.3	300.4	290.3	281.2	274.5	264.3	257.5
15°	413.4	408.9	393.0	372.7	361.4	346.7	336.6	327.5	312.9	306.1	293.7
17.5°	490.2	476.6	460.8	431.4	416.8	404.3	386.3	372.7	363.7	343.3	332.1
20°	569.2	554.6	534.2	501.5	481.1	461.9	447.3	429.2	410.0	396.4	377.2
22.5°	659.6	635.9	620.1	579.4	555.7	535.4	510.5	491.3	472.1	450.6	429.2
25°	755.6	731.9	712.7	666.4	641.5	621.2	591.8	564.7	541.0	517.3	492.4
27.5°	856.1	834.7	813.2	765.8	744.3	716.1	689.0	657.3	626.8	605.4	571.5
30°	972.4	954.4	930.7	879.8	856.1	826.7	798.5	761.2	731.9	702.5	669.8
32.5°	1097.8	1083.1	1058.3	1013.1	984.9	960.0	929.5	893.4	851.6	821.1	782.7
35°	1250.3	1225.4	1210.8	1167.8	1146.4	1119.3	1087.6	1056.0	1012.0	969.1	936.3
37.5°	1424.2	1412.9	1393.7	1353.1	1337.3	1309.0	1288.7	1257.1	1223.2	1169.0	1134.0
40°	1602.7	1594.8	1577.8	1537.2	1521.3	1502.1	1478.4	1447.9	1407.3	1379.0	1327.1
42.5°	1829.7	1817.3	1803.7	1765.3	1734.8	1711.1	1700.9	1675.0	1632.0	1595.9	1555.2
45°	2117.7	2112.0	2094.0	2055.6	2025.1	2009.3	1993.5	1949.4	1921.2	1885.0	1856.8
47.5°	2465.6	2447.5	2438.4	2395.5	2385.4	2372.9	2332.3	2307.4	2266.8	2238.5	2203.5
50°	2841.7	2822.5	2823.6	2771.6	2773.9	2764.9	2734.4	2705.0	2670.0	2645.1	2623.7
52.5°	3246.0	3255.0	3232.4	3248.3	3230.2	3209.9	3204.2	3168.1	3137.6	3136.4	3107.1
55°	3742.9	3728.3	3733.9	3749.7	3724.9	3747.5	3736.2	3689.9	3691.0	3700.0	3666.1
57.5°	4277.2	4298.6	4344.9	4355.1	4398.0	4368.7	4445.5	4390.1	4424.0	4424.0	4401.4
60°	5061.0	5146.8	5258.6	5345.6	5425.8	5399.8	5500.3	5437.1	5482.3	5443.9	5424.7
62.5°	6005.2	6119.3	6251.4	6392.6	6473.9	6494.2	6479.6	6507.8	6463.8	6435.5	6362.1
65°	6459.2	6572.2	6687.4	6856.8	6879.4	6896.3	6889.5	6842.1	6787.9	6707.7	6611.7
67.5°	6082.0	6240.1	6304.5	6499.9	6565.4	6541.7	6549.6	6488.6	6403.9	6324.8	6183.7
70°	5042.9	5223.6	5257.5	5537.6	5615.5	5728.5	5687.8	5669.8	5577.1	5510.5	5354.6
72.5°	3671.8	3813.0	3801.7	4116.8	4103.2	4149.5	4259.1	4254.6	4157.4	4136.0	4005.0
75°	2260.0	2344.7	2340.2	2563.8	2470.1	2456.5	2487.0	2473.5	2382.0	2287.1	2205.8
77.5°	1197.2	1235.6	1194.9	1128.3	1121.5	1045.9	1024.4	1023.3	953.2	867.4	804.2
80°	1008.6	969.1	921.6	824.5	768.0	717.2	669.8	625.7	578.3	515.0	438.2
82.5°	1178.0	1158.8	1124.9	1002.9	944.2	842.6	766.9	695.7	608.8	543.3	445.0
85°	573.8	572.6	599.7	587.3	565.8	561.3	486.8	471.0	436.0	399.8	334.3
87.5°	15.8	11.3	13.6	11.3	13.6	14.7	10.2	23.7	14.7	13.6	15.8
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°	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6
2.5°	167.2	166.0	164.9	164.9	163.8	163.8	162.6	161.5	161.5	160.4	160.4
5°	181.8	179.6	178.5	177.3	175.1	173.9	171.7	170.5	168.3	167.2	164.9
7.5°	199.9	197.7	193.1	190.9	187.5	186.4	180.7	178.5	176.2	173.9	170.5
10°	222.5	216.9	212.3	207.8	202.2	197.7	193.1	189.7	185.2	179.6	177.3
12.5°	250.7	242.8	236.1	228.1	221.4	214.6	206.7	201.0	194.3	188.6	183.0
15°	282.4	271.1	262.0	250.7	239.4	231.5	223.6	215.7	206.7	198.8	192.0
17.5°	318.5	303.8	291.4	277.8	265.4	254.1	240.6	230.4	220.2	208.9	199.9
20°	356.9	342.2	325.3	310.6	292.5	280.1	263.2	249.6	234.9	223.6	211.2
22.5°	407.7	388.5	367.1	346.7	327.5	308.3	290.3	273.3	255.3	238.3	225.9
25°	467.6	443.9	416.8	396.4	369.3	347.9	325.3	303.8	284.6	263.2	242.8
27.5°	542.1	510.5	481.1	452.9	423.5	396.4	367.1	342.2	316.2	291.4	268.8
30°	629.1	598.6	554.6	522.9	493.6	456.3	426.9	394.2	364.8	328.7	303.8
32.5°	744.3	704.8	658.5	616.7	578.3	536.5	495.8	454.0	415.6	382.9	345.6
35°	894.5	848.2	792.9	739.8	696.9	646.0	594.1	546.6	502.6	455.2	408.9
37.5°	1084.3	1041.3	981.5	917.1	859.5	798.5	744.3	677.7	618.9	561.3	502.6
40°	1272.9	1233.3	1171.2	1102.3	1027.8	957.8	888.9	813.2	738.6	666.4	605.4
42.5°	1505.5	1446.8	1380.2	1302.2	1230.0	1146.4	1060.5	973.6	884.3	797.4	710.4
45°	1798.1	1752.9	1659.1	1575.6	1489.7	1391.5	1285.3	1185.9	1071.8	969.1	853.9
47.5°	2153.8	2072.5	2003.6	1926.8	1819.5	1724.6	1589.1	1471.7	1329.3	1192.7	1054.9
50°	2574.0	2528.8	2437.3	2341.3	2225.0	2112.0	1979.9	1810.5	1639.9	1494.2	1305.6
52.5°	3065.3	3000.9	2943.3	2843.9	2725.3	2580.8	2430.5	2246.4	2037.5	1831.9	1630.9
55°	3648.1	3602.9	3547.6	3468.5	3317.1	3153.4	2972.7	2752.4	2505.1	2228.4	1994.6
57.5°	4400.3	4352.8	4299.8	4137.1	4034.3	3833.3	3571.3	3343.1	3076.6	2721.9	2431.7
60°	5426.9	5362.6	5288.0	5155.9	4941.3	4680.4	4399.1	4061.4	3735.0	3347.6	2967.0
62.5°	6304.5	6201.7	6042.5	5871.9	5614.4	5315.1	4961.6	4564.0	4192.5	3756.5	3333.0
65°	6485.2	6344.0	6156.5	5934.0	5668.6	5330.9	4961.6	4581.0	4143.9	3733.9	3308.1
67.5°	6015.4	5851.6	5659.6	5411.1	5158.1	4810.3	4491.8	4104.4	3693.2	3338.6	2958.0
70°	5242.8	5000.0	4803.5	4539.2	4282.8	4009.5	3674.0	3383.8	3049.5	2723.1	2431.7
72.5°	3937.2	3697.8	3519.3	3308.1	3155.6	2866.5	2620.3	2403.4	2205.8	1961.8	1746.1
75°	2122.2	1942.6	1822.9	1726.9	1590.2	1399.4	1281.9	1132.8	1049.2	947.6	849.3
77.5°	692.3	609.9	520.7	433.7	372.7	280.1	271.1	215.7	203.3	197.7	152.5
80°	354.6	273.3	197.7	142.3	108.4	96.0	91.5	87.0	82.4	79.1	73.4
82.5°	355.8	257.5	177.3	123.1	89.2	74.5	70.0	67.8	64.4	61.0	56.5
85°	259.8	192.0	132.1	90.4	62.1	49.7	47.4	44.0	41.8	40.7	36.1
87.5°	16.9	12.4	11.3	10.2	10.2	10.2	11.3	10.2	11.3	11.3	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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6
2.5°	159.3	158.1	158.1	157.0	155.9	155.9	154.7	154.7	151.3	145.7	141.2
5°	163.8	161.5	160.4	159.3	158.1	155.9	154.7	153.6	148.0	136.7	127.6
7.5°	167.2	164.9	163.8	161.5	158.1	157.0	154.7	152.5	143.4	127.6	117.5
10°	172.8	169.4	166.0	162.6	159.3	157.0	153.6	151.3	137.8	119.7	109.6
12.5°	178.5	173.9	169.4	163.8	160.4	157.0	153.6	149.1	133.3	112.9	101.6
15°	185.2	178.5	172.8	167.2	161.5	157.0	151.3	148.0	128.8	107.3	97.1
17.5°	192.0	184.1	176.2	168.3	162.6	155.9	151.3	145.7	124.2	102.8	91.5
20°	199.9	188.6	180.7	171.7	163.8	155.9	149.1	143.4	119.7	97.1	85.8
22.5°	211.2	197.7	185.2	175.1	164.9	157.0	149.1	141.2	115.2	92.6	81.3
25°	225.9	208.9	194.3	181.8	169.4	159.3	150.2	142.3	111.8	89.2	75.7
27.5°	247.3	225.9	210.1	193.1	177.3	164.9	153.6	144.6	109.6	85.8	72.3
30°	273.3	251.9	227.0	206.7	189.7	172.8	160.4	146.8	107.3	82.4	67.8
32.5°	311.7	281.2	251.9	227.0	203.3	184.1	166.0	152.5	106.2	76.8	63.2
35°	367.1	325.3	290.3	257.5	224.8	201.0	179.6	161.5	105.0	72.3	58.7
37.5°	446.1	396.4	351.3	304.9	264.3	230.4	201.0	177.3	105.0	68.9	54.2
40°	530.8	466.5	408.9	351.3	299.3	256.4	216.9	187.5	102.8	64.4	49.7
42.5°	626.8	547.8	468.7	397.6	333.2	277.8	231.5	195.4	97.1	59.9	45.2
45°	755.6	651.7	556.8	465.3	381.7	309.5	250.7	204.4	91.5	56.5	40.7
47.5°	917.1	796.3	673.1	557.9	448.4	356.9	279.0	219.1	88.1	52.0	37.3
50°	1157.7	986.0	823.4	676.5	537.6	417.9	320.8	240.6	84.7	48.6	33.9
52.5°	1422.0	1210.8	1019.9	831.3	658.5	500.3	369.3	268.8	81.3	45.2	30.5
55°	1743.8	1484.1	1251.4	1006.3	785.0	596.3	429.2	300.4	76.8	41.8	28.2
57.5°	2141.4	1812.7	1537.2	1237.9	960.0	720.6	509.4	353.5	72.3	37.3	24.8
60°	2585.3	2213.7	1867.0	1515.7	1179.1	885.5	628.0	429.2	67.8	32.8	21.5
62.5°	2904.9	2497.2	2100.7	1706.6	1337.3	1008.6	724.0	487.9	61.0	28.2	19.2
65°	2901.5	2488.1	2089.5	1700.9	1341.8	1013.1	727.4	499.2	54.2	24.8	16.9
67.5°	2585.3	2237.4	1881.6	1532.6	1218.7	921.6	673.1	463.1	46.3	22.6	14.7
70°	2126.7	1850.0	1568.8	1292.1	1040.2	789.5	581.7	403.2	39.5	20.3	12.4
72.5°	1553.0	1350.8	1179.1	983.7	812.1	623.4	464.2	316.2	31.6	16.9	11.3
75°	771.4	690.1	591.8	530.8	452.9	370.5	288.0	184.1	26.0	13.6	10.2
77.5°	146.8	131.0	125.4	108.4	99.4	88.1	77.9	55.3	20.3	10.2	9.0
80°	67.8	62.1	56.5	50.8	45.2	38.4	33.9	29.4	15.8	7.9	10.2
82.5°	53.1	48.6	42.9	38.4	33.9	29.4	24.8	21.5	10.2	6.8	10.2
85°	35.0	30.5	27.1	23.7	20.3	18.1	15.8	13.6	6.8	6.8	6.8
87.5°	10.2	10.2	9.0	9.0	7.9	7.9	6.8	6.8	5.6	5.6	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°	153.6	153.6	153.6	153.6	153.6	153.6	153.6
2.5°	136.7	131.0	128.8	127.6	127.6	128.8	127.6
5°	120.8	115.2	112.9	110.7	110.7	110.7	111.8
7.5°	110.7	105.0	101.6	100.5	99.4	100.5	100.5
10°	101.6	97.1	92.6	90.4	90.4	90.4	90.4
12.5°	94.9	89.2	84.7	83.6	82.4	82.4	82.4
15°	89.2	82.4	79.1	76.8	75.7	75.7	76.8
17.5°	82.4	76.8	72.3	71.2	71.2	71.2	71.2
20°	77.9	71.2	67.8	65.5	65.5	65.5	65.5
22.5°	72.3	66.6	62.1	59.9	59.9	59.9	59.9
25°	67.8	62.1	57.6	55.3	55.3	55.3	55.3
27.5°	63.2	57.6	53.1	50.8	50.8	50.8	50.8
30°	58.7	53.1	48.6	46.3	46.3	46.3	46.3
32.5°	55.3	48.6	44.0	41.8	41.8	42.9	41.8
35°	49.7	44.0	39.5	37.3	37.3	37.3	37.3
37.5°	45.2	39.5	35.0	32.8	32.8	32.8	31.6
40°	41.8	35.0	30.5	28.2	27.1	27.1	27.1
42.5°	36.1	29.4	26.0	23.7	22.6	22.6	22.6
45°	32.8	26.0	21.5	19.2	19.2	19.2	19.2
47.5°	29.4	22.6	18.1	15.8	15.8	16.9	16.9
50°	26.0	19.2	14.7	14.7	14.7	15.8	15.8
52.5°	22.6	16.9	13.6	13.6	14.7	15.8	15.8
55°	20.3	14.7	12.4	13.6	14.7	15.8	15.8
57.5°	18.1	12.4	12.4	13.6	14.7	15.8	15.8
60°	15.8	11.3	11.3	12.4	14.7	15.8	15.8
62.5°	13.6	11.3	11.3	12.4	14.7	15.8	15.8
65°	12.4	11.3	11.3	12.4	14.7	15.8	15.8
67.5°	11.3	10.2	11.3	12.4	13.6	14.7	14.7
70°	10.2	10.2	11.3	12.4	13.6	14.7	14.7
72.5°	10.2	10.2	10.2	11.3	12.4	13.6	13.6
75°	10.2	10.2	10.2	11.3	12.4	13.6	13.6
77.5°	10.2	9.0	9.0	10.2	12.4	13.6	13.6
80°	10.2	9.0	9.0	10.2	11.3	13.6	13.6
82.5°	7.9	7.9	9.0	10.2	11.3	12.4	12.4
85°	6.8	7.9	7.9	9.0	10.2	12.4	12.4
87.5°	5.6	5.6	6.8	7.9	9.0	10.2	10.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)