

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: P155283

Luminaire Tested: **AVM-F06-LED-E-U-T3-HSS-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P155283
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-F06-LED-E-U-T3-HSS-8030
Description: VISION SITE MEDIUM LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 AREA W/ HOUSE SIDE SHIELD
Light Source: (42) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6815.4 lumens
Efficiency: N/A
Efficacy: 43.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G2

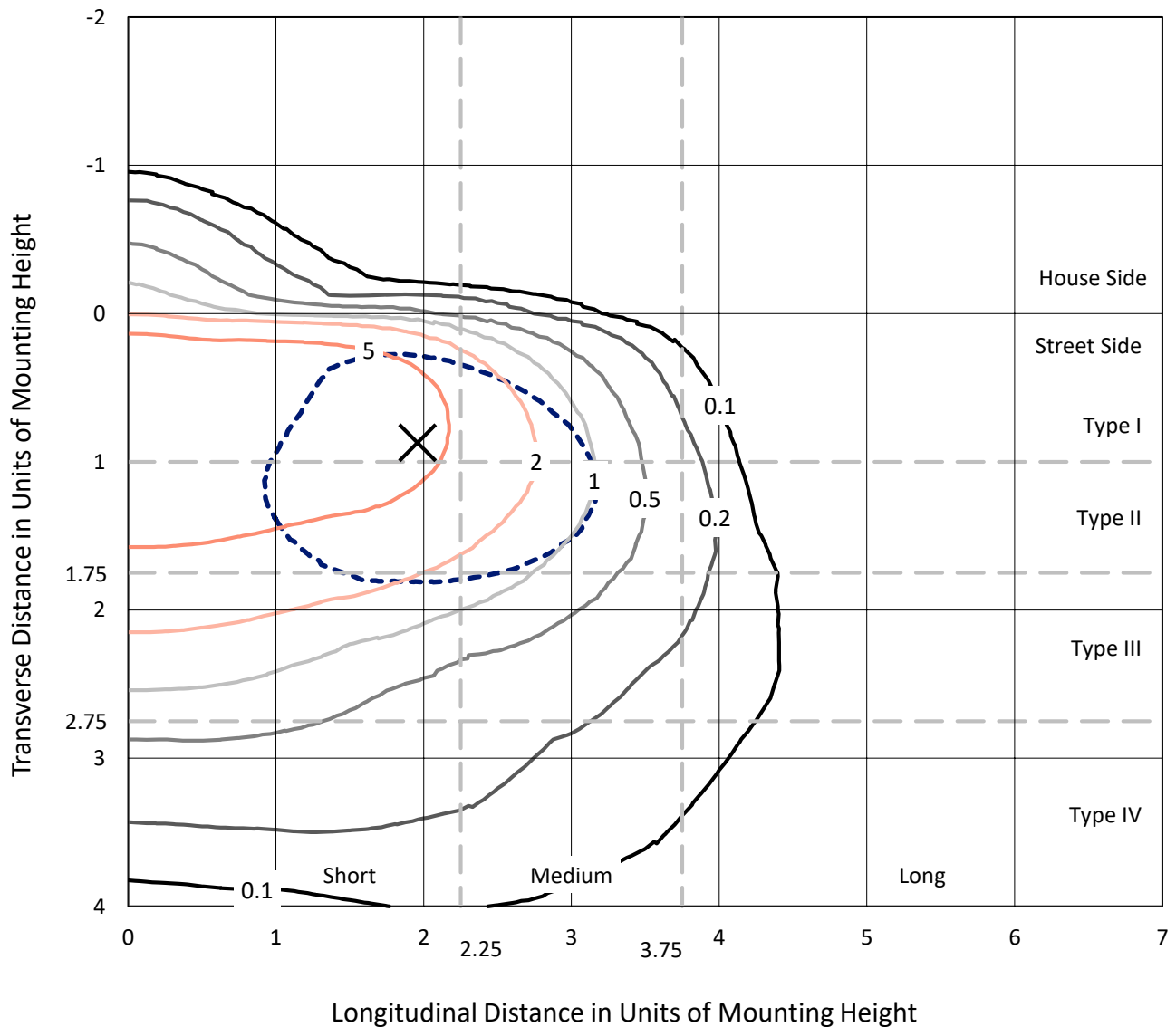
Input Watts (W): 156.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

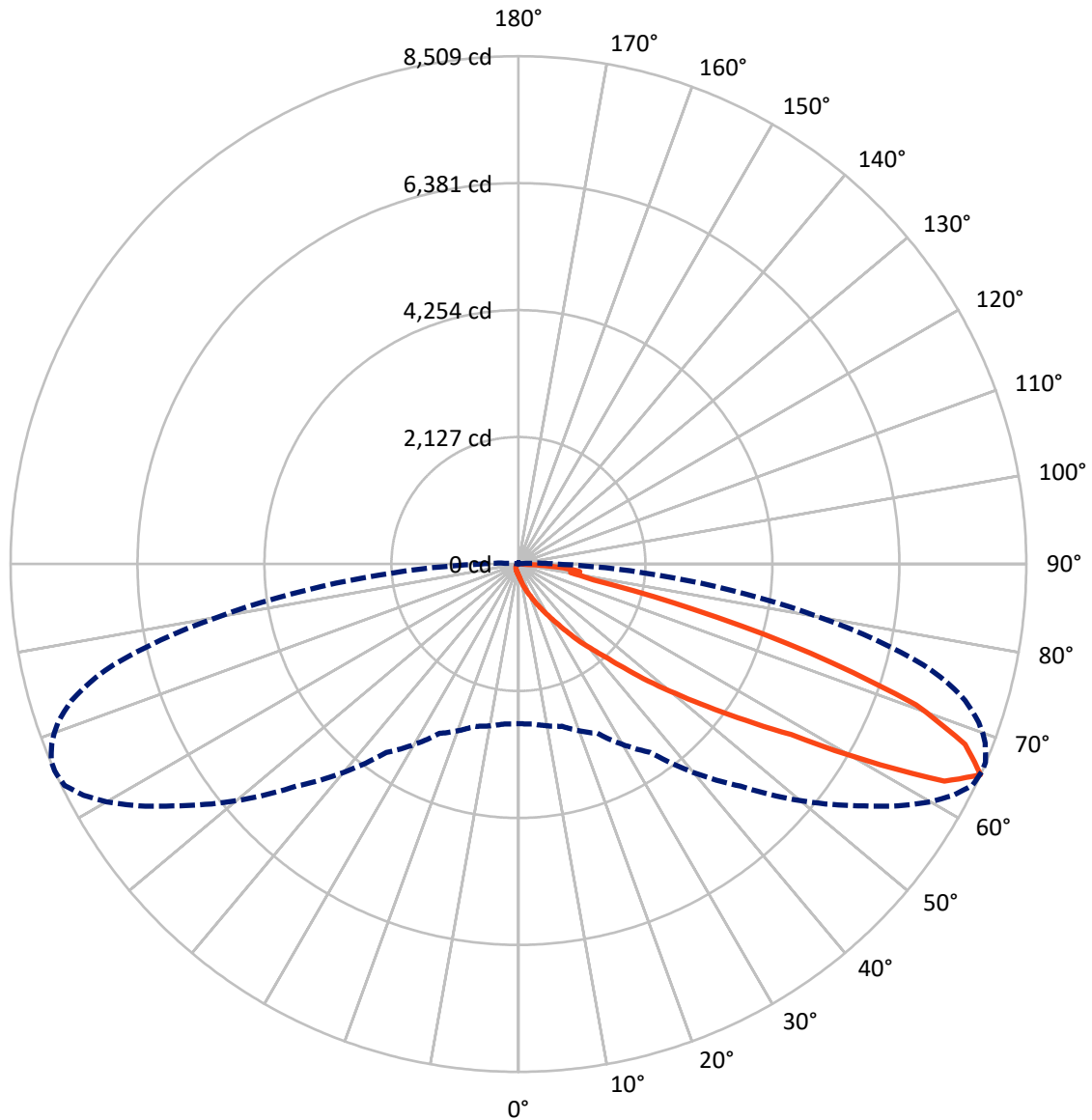
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9.9 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	136.8	0.0	136.8
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	6678.5	0.0	6678.5
	% Fixture	98.0	0.0	98.0
Total	Lumens	6815.4	0.0	6815.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.2	0.3
10°-20°	110.8	1.6
20°-30°	253.2	3.7
30°-40°	481.6	7.1
40°-50°	966.7	14.2
50°-60°	1710.4	25.1
60°-70°	2234.8	32.8
70°-80°	918.9	13.5
80°-90°	115.8	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°	6815.4	100.0
0°-180°	6815.4	100.0

Coefficient of Utilization



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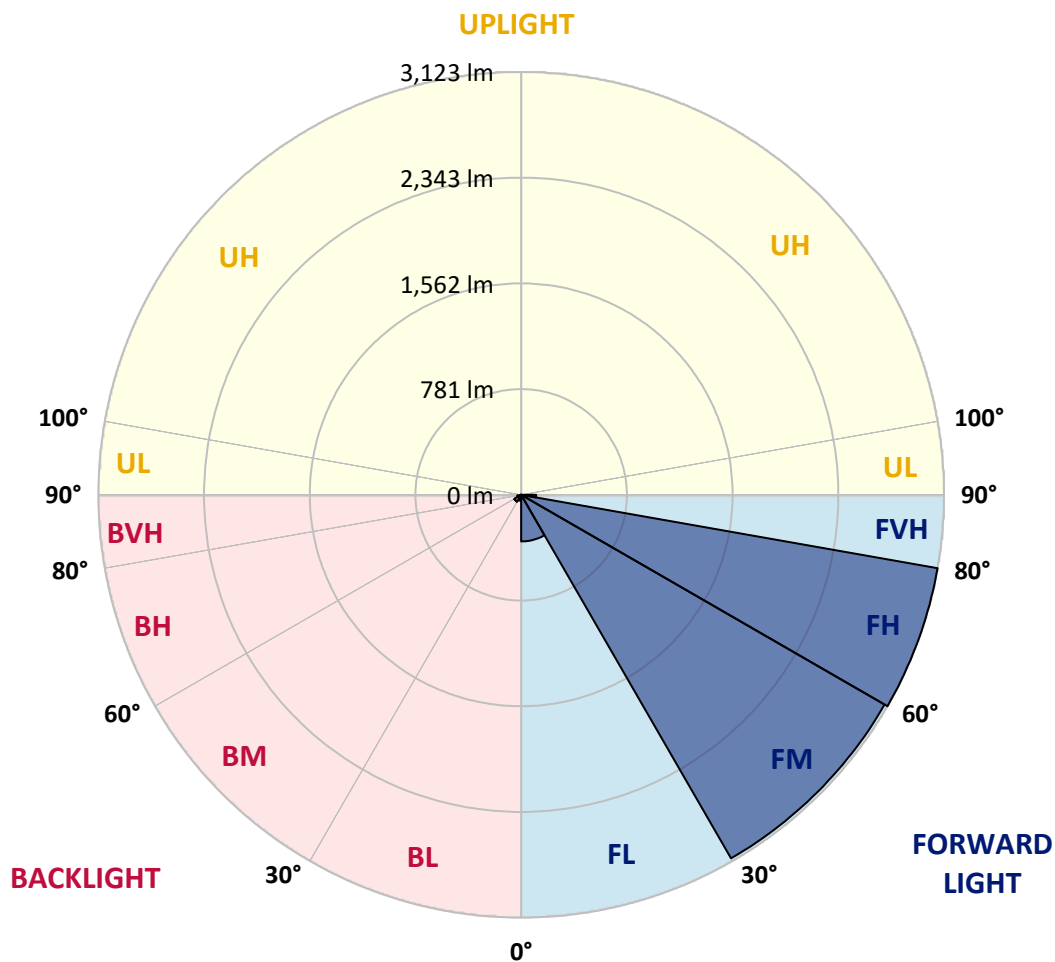
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	344.4	5.1			
FM	(30°-60°)	3100.2	45.5			
FH	(60°-80°)	3123.4	45.8			G2/5000
FVH	(80°-90°)	110.6	1.6			G2/225
BL	(0°-30°)	42.8	0.6	B0/110		
BM	(30°-60°)	58.6	0.9	B0/220		
BH	(60°-80°)	30.2	0.4	B0/110		G0/110
BVH	(80°-90°)	5.2	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°	189.5	189.5	189.5	189.5	189.5	189.5	189.5	189.5	189.5	189.5	189.5
2.5°	250.8	246.6	248.0	239.7	234.1	227.1	221.6	220.2	218.8	216.0	217.4
5°	360.9	356.7	347.0	330.3	314.9	291.2	267.5	266.2	262.0	257.8	255.0
7.5°	501.6	494.7	483.5	455.7	418.0	376.2	328.9	324.7	319.1	313.5	308.0
10°	664.7	660.5	639.6	607.6	550.4	482.1	402.7	398.5	386.0	379.0	373.5
12.5°	836.1	818.0	809.6	753.9	688.4	595.0	493.3	478.0	468.2	458.5	444.5
15°	965.7	968.5	949.0	904.4	827.7	719.0	592.2	575.5	561.6	543.5	526.7
17.5°	1082.7	1077.2	1056.3	1028.4	955.9	845.8	698.1	675.8	653.5	643.8	620.1
20°	1177.5	1174.7	1158.0	1131.5	1075.8	969.9	809.6	791.5	766.4	749.7	723.2
22.5°	1252.7	1252.7	1243.0	1227.6	1173.3	1088.3	928.1	908.5	883.5	862.6	833.3
25°	1312.6	1311.3	1312.6	1305.7	1269.5	1191.4	1049.3	1027.0	1006.1	981.0	953.1
27.5°	1380.9	1383.7	1380.9	1376.7	1361.4	1298.7	1171.9	1156.6	1132.9	1106.4	1078.5
30°	1486.8	1478.5	1477.1	1474.3	1456.2	1417.2	1298.7	1280.6	1262.5	1244.4	1224.9
32.5°	1598.3	1584.4	1580.2	1580.2	1567.7	1532.8	1445.0	1435.3	1408.8	1394.9	1378.1
35°	1725.1	1719.5	1714.0	1715.4	1709.8	1673.6	1601.1	1603.9	1595.5	1567.7	1550.9
37.5°	1910.4	1911.8	1902.1	1884.0	1884.0	1851.9	1810.1	1804.5	1783.6	1776.7	1766.9
40°	2175.2	2168.2	2159.9	2133.4	2123.6	2069.3	2030.3	2016.4	1999.6	1998.2	1987.1
42.5°	2481.8	2473.4	2473.4	2453.9	2434.4	2368.9	2295.0	2285.3	2267.2	2272.8	2268.6
45°	2766.0	2773.0	2782.8	2796.7	2799.5	2771.6	2664.3	2651.8	2642.0	2636.4	2632.3
47.5°	3011.3	3023.8	3055.9	3115.8	3192.4	3202.2	3117.2	3083.8	3076.8	3067.0	3058.7
50°	3186.9	3205.0	3277.4	3394.5	3543.6	3635.6	3589.6	3561.7	3560.3	3533.8	3531.1
52.5°	3287.2	3306.7	3425.2	3602.1	3833.4	4013.2	4070.3	4068.9	4066.1	4042.5	4032.7
55°	3309.5	3330.4	3472.5	3713.6	4043.9	4354.6	4573.4	4578.9	4591.5	4584.5	4584.5
57.5°	3248.2	3274.7	3429.3	3727.5	4153.9	4624.9	5102.9	5134.9	5150.3	5204.6	5267.3
60°	3135.3	3154.8	3309.5	3642.5	4173.4	4871.6	5791.3	5893.0	5972.4	6079.7	6181.4
62.5°	2926.3	2965.3	3113.0	3475.3	4114.9	5155.8	6613.4	6801.5	6956.2	7119.2	7315.7
65°	2672.7	2689.4	2814.8	3131.1	3852.9	5264.5	7067.7	7251.6	7449.5	7623.7	7799.3
67.5°	2355.0	2368.9	2477.6	2612.8	3179.9	4755.9	6620.4	6823.8	7002.2	7145.7	7375.6
70°	1542.6	1573.2	1839.4	1973.2	2222.6	3515.7	5413.6	5610.1	5746.7	5844.2	6110.4
72.5°	1130.1	1149.6	1256.9	1532.8	1594.1	2077.7	3809.7	4023.0	4073.1	4257.1	4381.1
75°	689.8	738.5	981.0	1312.6	1553.7	1422.7	2282.5	2385.6	2501.3	2635.1	2753.5
77.5°	139.3	158.9	320.5	904.4	1367.0	1520.3	1362.8	1382.3	1439.5	1452.0	1496.6
80°	22.3	23.7	41.8	390.2	791.5	1229.0	1362.8	1344.7	1312.6	1290.4	1268.1
82.5°	9.8	11.1	18.1	98.9	168.6	409.7	1178.9	1270.8	1376.7	1435.3	1450.6
85°	4.2	4.2	7.0	19.5	25.1	27.9	199.3	263.4	469.6	624.3	719.0
87.5°	2.8	2.8	4.2	4.2	5.6	7.0	9.8	9.8	11.1	12.5	18.1
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°	189.5	189.5	189.5	189.5	189.5	189.5	189.5	189.5	189.5	189.5	189.5
2.5°	217.4	216.0	216.0	211.8	211.8	210.4	210.4	209.0	209.0	206.2	207.6
5°	253.6	250.8	248.0	243.9	242.5	239.7	236.9	232.7	231.3	228.5	227.1
7.5°	302.4	299.6	294.0	285.7	280.1	274.5	268.9	263.4	259.2	255.0	252.2
10°	362.3	353.9	351.2	334.4	327.5	316.3	309.4	303.8	295.4	288.4	284.3
12.5°	434.8	427.8	413.9	391.6	380.4	370.7	358.1	347.0	338.6	326.1	317.7
15°	510.0	504.4	484.9	459.8	445.9	427.8	415.3	404.1	386.0	377.6	362.3
17.5°	604.8	588.0	568.5	532.3	514.2	498.9	476.6	459.8	448.7	423.6	409.7
20°	702.3	684.2	659.1	618.7	593.6	569.9	551.8	529.5	505.8	489.1	465.4
22.5°	813.8	784.5	765.0	714.9	685.6	660.5	629.8	606.2	582.5	556.0	529.5
25°	932.2	903.0	879.3	822.1	791.5	766.4	730.2	696.7	667.5	638.2	607.6
27.5°	1056.3	1029.8	1003.3	944.8	918.3	883.5	850.0	811.0	773.4	746.9	705.1
30°	1199.8	1177.5	1148.2	1085.5	1056.3	1020.0	985.2	939.2	903.0	866.7	826.3
32.5°	1354.5	1336.3	1305.7	1249.9	1215.1	1184.5	1146.8	1102.2	1050.7	1013.1	965.7
35°	1542.6	1511.9	1493.8	1440.8	1414.4	1380.9	1341.9	1302.9	1248.6	1195.6	1155.2
37.5°	1757.2	1743.2	1719.5	1669.4	1649.9	1615.0	1590.0	1550.9	1509.1	1442.2	1399.0
40°	1977.3	1967.6	1946.7	1896.5	1877.0	1853.3	1824.1	1786.4	1736.3	1701.4	1637.3
42.5°	2257.4	2242.1	2225.4	2178.0	2140.4	2111.1	2098.6	2066.5	2013.6	1969.0	1918.8
45°	2612.8	2605.8	2583.5	2536.1	2498.5	2479.0	2459.5	2405.1	2370.3	2325.7	2290.9
47.5°	3041.9	3019.7	3008.5	2955.6	2943.0	2927.7	2877.5	2846.9	2796.7	2761.9	2718.7
50°	3506.0	3482.3	3483.7	3419.6	3422.4	3411.2	3373.6	3337.4	3294.2	3263.5	3237.0
52.5°	4004.8	4016.0	3988.1	4007.6	3985.3	3960.2	3953.3	3908.7	3871.1	3869.7	3833.4
55°	4618.0	4599.8	4606.8	4626.3	4595.7	4623.5	4609.6	4552.5	4553.9	4565.0	4523.2
57.5°	5277.1	5303.6	5360.7	5373.2	5426.2	5389.9	5484.7	5416.4	5458.2	5458.2	5430.4
60°	6244.1	6350.0	6488.0	6595.3	6694.2	6662.2	6786.2	6708.2	6763.9	6716.5	6692.8
62.5°	7409.1	7549.8	7712.9	7887.0	7987.4	8012.5	7994.3	8029.2	7974.8	7940.0	7849.4
65°	7969.3	8108.6	8250.7	8459.8	8487.6	8508.5	8500.2	8441.6	8374.8	8275.8	8157.4
67.5°	7503.8	7698.9	7778.4	8019.4	8100.2	8071.0	8080.7	8005.5	7901.0	7803.4	7629.3
70°	6221.8	6444.8	6486.6	6832.2	6928.3	7067.7	7017.5	6995.2	6881.0	6798.7	6606.4
72.5°	4530.2	4704.4	4690.4	5079.2	5062.5	5119.6	5254.8	5249.2	5129.4	5102.9	4941.2
75°	2788.3	2892.8	2887.3	3163.2	3047.5	3030.8	3068.4	3051.7	2938.8	2821.8	2721.4
77.5°	1477.1	1524.5	1474.3	1392.1	1383.7	1290.4	1263.9	1262.5	1176.1	1070.2	992.2
80°	1244.4	1195.6	1137.1	1017.2	947.6	884.9	826.3	772.0	713.5	635.4	540.7
82.5°	1453.4	1429.7	1387.9	1237.4	1164.9	1039.5	946.2	858.4	751.1	670.3	549.0
85°	707.9	706.5	739.9	724.6	698.1	692.6	600.6	581.1	537.9	493.3	412.5
87.5°	19.5	13.9	16.7	13.9	16.7	18.1	12.5	29.3	18.1	16.7	19.5
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°	189.5	189.5	189.5	189.5	189.5	189.5	189.5	189.5	189.5	189.5	189.5
2.5°	206.2	204.8	203.4	203.4	202.1	202.1	200.7	199.3	199.3	197.9	197.9
5°	224.3	221.6	220.2	218.8	216.0	214.6	211.8	210.4	207.6	206.2	203.4
7.5°	246.6	243.9	238.3	235.5	231.3	229.9	223.0	220.2	217.4	214.6	210.4
10°	274.5	267.5	262.0	256.4	249.4	243.9	238.3	234.1	228.5	221.6	218.8
12.5°	309.4	299.6	291.2	281.5	273.1	264.8	255.0	248.0	239.7	232.7	225.7
15°	348.4	334.4	323.3	309.4	295.4	285.7	275.9	266.2	255.0	245.3	236.9
17.5°	393.0	374.8	359.5	342.8	327.5	313.5	296.8	284.3	271.7	257.8	246.6
20°	440.3	422.2	401.3	383.2	360.9	345.6	324.7	308.0	289.8	275.9	260.6
22.5°	503.0	479.4	452.9	427.8	404.1	380.4	358.1	337.2	314.9	294.0	278.7
25°	576.9	547.6	514.2	489.1	455.7	429.2	401.3	374.8	351.2	324.7	299.6
27.5°	668.9	629.8	593.6	558.8	522.6	489.1	452.9	422.2	390.2	359.5	331.6
30°	776.2	738.5	684.2	645.2	608.9	563.0	526.7	486.3	450.1	405.5	374.8
32.5°	918.3	869.5	812.4	760.8	713.5	661.9	611.7	560.2	512.8	472.4	426.4
35°	1103.6	1046.5	978.2	912.7	859.8	797.1	733.0	674.4	620.1	561.6	504.4
37.5°	1337.7	1284.8	1210.9	1131.5	1060.4	985.2	918.3	836.1	763.6	692.6	620.1
40°	1570.4	1521.7	1445.0	1360.0	1268.1	1181.7	1096.7	1003.3	911.3	822.1	746.9
42.5°	1857.5	1785.0	1702.8	1606.7	1517.5	1414.4	1308.5	1201.2	1091.1	983.8	876.5
45°	2218.4	2162.7	2047.0	1943.9	1838.0	1716.8	1585.8	1463.1	1322.4	1195.6	1053.5
47.5°	2657.3	2557.0	2472.0	2377.3	2244.9	2127.8	1960.6	1815.7	1640.1	1471.5	1301.5
50°	3175.7	3120.0	3007.1	2888.7	2745.1	2605.8	2442.8	2233.7	2023.3	1843.6	1610.9
52.5°	3781.9	3702.5	3631.4	3508.8	3362.4	3184.1	2998.7	2771.6	2513.8	2260.2	2012.2
55°	4500.9	4445.2	4376.9	4279.3	4092.6	3890.6	3667.6	3395.9	3090.7	2749.3	2460.9
57.5°	5429.0	5370.4	5304.9	5104.3	4977.5	4729.4	4406.2	4124.7	3795.8	3358.3	3000.1
60°	6695.6	6616.2	6524.2	6361.2	6096.4	5774.5	5427.6	5010.9	4608.2	4130.2	3660.6
62.5°	7778.4	7651.5	7455.1	7244.7	6926.9	6557.7	6121.5	5631.0	5172.6	4634.7	4112.1
65°	8001.3	7827.1	7595.8	7321.3	6993.8	6577.2	6121.5	5651.9	5112.6	4606.8	4081.5
67.5°	7421.6	7219.6	6982.7	6676.1	6364.0	5934.8	5541.8	5063.9	4556.7	4119.1	3649.5
70°	6468.5	6168.9	5926.4	5600.4	5284.0	4946.8	4533.0	4174.8	3762.4	3359.7	3000.1
72.5°	4857.6	4562.2	4342.1	4081.5	3893.4	3536.6	3232.9	2965.3	2721.4	2420.5	2154.3
75°	2618.3	2396.8	2249.1	2130.6	1962.0	1726.5	1581.6	1397.7	1294.5	1169.1	1047.9
77.5°	854.2	752.5	642.4	535.1	459.8	345.6	334.4	266.2	250.8	243.9	188.1
80°	437.5	337.2	243.9	175.6	133.8	118.4	112.9	107.3	101.7	97.5	90.6
82.5°	438.9	317.7	218.8	151.9	110.1	92.0	86.4	83.6	79.4	75.2	69.7
85°	320.5	236.9	163.0	111.5	76.6	61.3	58.5	54.3	51.6	50.2	44.6
87.5°	20.9	15.3	13.9	12.5	12.5	12.5	13.9	12.5	13.9	13.9	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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	189.5	189.5	189.5	189.5	189.5	189.5	189.5	189.5	189.5	189.5	189.5
2.5°	196.5	195.1	195.1	193.7	192.3	192.3	190.9	190.9	186.7	179.8	174.2
5°	202.1	199.3	197.9	196.5	195.1	192.3	190.9	189.5	182.5	168.6	157.5
7.5°	206.2	203.4	202.1	199.3	195.1	193.7	190.9	188.1	177.0	157.5	144.9
10°	213.2	209.0	204.8	200.7	196.5	193.7	189.5	186.7	170.0	147.7	135.2
12.5°	220.2	214.6	209.0	202.1	197.9	193.7	189.5	183.9	164.4	139.3	125.4
15°	228.5	220.2	213.2	206.2	199.3	193.7	186.7	182.5	158.9	132.4	119.8
17.5°	236.9	227.1	217.4	207.6	200.7	192.3	186.7	179.8	153.3	126.8	112.9
20°	246.6	232.7	223.0	211.8	202.1	192.3	183.9	177.0	147.7	119.8	105.9
22.5°	260.6	243.9	228.5	216.0	203.4	193.7	183.9	174.2	142.1	114.3	100.3
25°	278.7	257.8	239.7	224.3	209.0	196.5	185.3	175.6	138.0	110.1	93.4
27.5°	305.2	278.7	259.2	238.3	218.8	203.4	189.5	178.4	135.2	105.9	89.2
30°	337.2	310.7	280.1	255.0	234.1	213.2	197.9	181.2	132.4	101.7	83.6
32.5°	384.6	347.0	310.7	280.1	250.8	227.1	204.8	188.1	131.0	94.8	78.0
35°	452.9	401.3	358.1	317.7	277.3	248.0	221.6	199.3	129.6	89.2	72.5
37.5°	550.4	489.1	433.4	376.2	326.1	284.3	248.0	218.8	129.6	85.0	66.9
40°	654.9	575.5	504.4	433.4	369.3	316.3	267.5	231.3	126.8	79.4	61.3
42.5°	773.4	675.8	578.3	490.5	411.1	342.8	285.7	241.1	119.8	73.9	55.7
45°	932.2	804.0	687.0	574.1	471.0	381.8	309.4	252.2	112.9	69.7	50.2
47.5°	1131.5	982.4	830.5	688.4	553.2	440.3	344.2	270.3	108.7	64.1	46.0
50°	1428.3	1216.5	1015.8	834.7	663.3	515.6	395.7	296.8	104.5	59.9	41.8
52.5°	1754.4	1493.8	1258.3	1025.6	812.4	617.3	455.7	331.6	100.3	55.7	37.6
55°	2151.5	1831.0	1544.0	1241.6	968.5	735.8	529.5	370.7	94.8	51.6	34.8
57.5°	2642.0	2236.5	1896.5	1527.2	1184.5	889.0	628.5	436.2	89.2	46.0	30.7
60°	3189.7	2731.2	2303.4	1870.0	1454.8	1092.5	774.8	529.5	83.6	40.4	26.5
62.5°	3584.0	3081.0	2591.9	2105.5	1649.9	1244.4	893.2	602.0	75.2	34.8	23.7
65°	3579.8	3069.8	2577.9	2098.6	1655.4	1249.9	897.4	615.9	66.9	30.7	20.9
67.5°	3189.7	2760.5	2321.5	1890.9	1503.6	1137.1	830.5	571.3	57.1	27.9	18.1
70°	2623.9	2282.5	1935.5	1594.1	1283.4	974.0	717.6	497.5	48.8	25.1	15.3
72.5°	1916.0	1666.6	1454.8	1213.7	1001.9	769.2	572.7	390.2	39.0	20.9	13.9
75°	951.7	851.4	730.2	654.9	558.8	457.1	355.3	227.1	32.0	16.7	12.5
77.5°	181.2	161.6	154.7	133.8	122.6	108.7	96.1	68.3	25.1	12.5	11.1
80°	83.6	76.6	69.7	62.7	55.7	47.4	41.8	36.2	19.5	9.8	12.5
82.5°	65.5	59.9	53.0	47.4	41.8	36.2	30.7	26.5	12.5	8.4	12.5
85°	43.2	37.6	33.4	29.3	25.1	22.3	19.5	16.7	8.4	8.4	8.4
87.5°	12.5	12.5	11.1	11.1	9.8	9.8	8.4	8.4	7.0	7.0	7.0
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°	189.5	189.5	189.5	189.5	189.5	189.5	189.5
2.5°	168.6	161.6	158.9	157.5	157.5	158.9	157.5
5°	149.1	142.1	139.3	136.6	136.6	136.6	138.0
7.5°	136.6	129.6	125.4	124.0	122.6	124.0	124.0
10°	125.4	119.8	114.3	111.5	111.5	111.5	111.5
12.5°	117.1	110.1	104.5	103.1	101.7	101.7	101.7
15°	110.1	101.7	97.5	94.8	93.4	93.4	94.8
17.5°	101.7	94.8	89.2	87.8	87.8	87.8	87.8
20°	96.1	87.8	83.6	80.8	80.8	80.8	80.8
22.5°	89.2	82.2	76.6	73.9	73.9	73.9	73.9
25°	83.6	76.6	71.1	68.3	68.3	68.3	68.3
27.5°	78.0	71.1	65.5	62.7	62.7	62.7	62.7
30°	72.5	65.5	59.9	57.1	57.1	57.1	57.1
32.5°	68.3	59.9	54.3	51.6	51.6	53.0	51.6
35°	61.3	54.3	48.8	46.0	46.0	46.0	46.0
37.5°	55.7	48.8	43.2	40.4	40.4	40.4	39.0
40°	51.6	43.2	37.6	34.8	33.4	33.4	33.4
42.5°	44.6	36.2	32.0	29.3	27.9	27.9	27.9
45°	40.4	32.0	26.5	23.7	23.7	23.7	23.7
47.5°	36.2	27.9	22.3	19.5	19.5	20.9	20.9
50°	32.0	23.7	18.1	18.1	18.1	19.5	19.5
52.5°	27.9	20.9	16.7	16.7	18.1	19.5	19.5
55°	25.1	18.1	15.3	16.7	18.1	19.5	19.5
57.5°	22.3	15.3	15.3	16.7	18.1	19.5	19.5
60°	19.5	13.9	13.9	15.3	18.1	19.5	19.5
62.5°	16.7	13.9	13.9	15.3	18.1	19.5	19.5
65°	15.3	13.9	13.9	15.3	18.1	19.5	19.5
67.5°	13.9	12.5	13.9	15.3	16.7	18.1	18.1
70°	12.5	12.5	13.9	15.3	16.7	18.1	18.1
72.5°	12.5	12.5	12.5	13.9	15.3	16.7	16.7
75°	12.5	12.5	12.5	13.9	15.3	16.7	16.7
77.5°	12.5	11.1	11.1	12.5	15.3	16.7	16.7
80°	12.5	11.1	11.1	12.5	13.9	16.7	16.7
82.5°	9.8	9.8	11.1	12.5	13.9	15.3	15.3
85°	8.4	9.8	9.8	11.1	12.5	15.3	15.3
87.5°	7.0	7.0	8.4	9.8	11.1	12.5	12.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)