

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: P165075

Luminaire Tested: **VST-E08-LED-E-U-SL2-HSS-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P165075
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33726)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: VST-E08-LED-E-U-SL2-HSS-8030
Description: VENTUS LED SITE/ROADWAY LUMINAIRE
(8) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND
HOUSE SIDE SHIELD
Light Source: (168) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12232.2 lumens
Efficiency: N/A
Efficacy: 62.9 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.33' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B0 - U0 - G2

Input Watts (W): 194.5
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

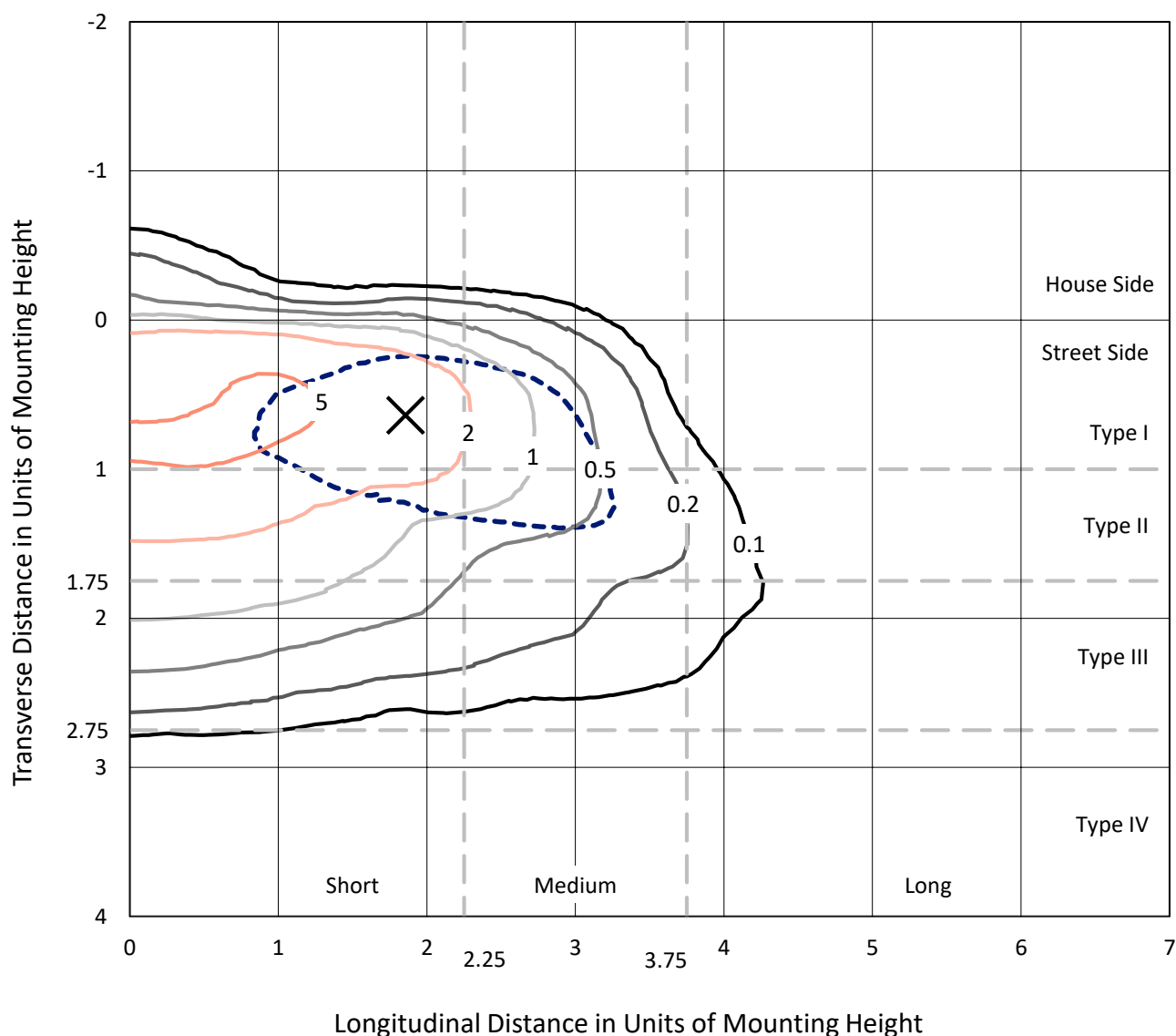


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

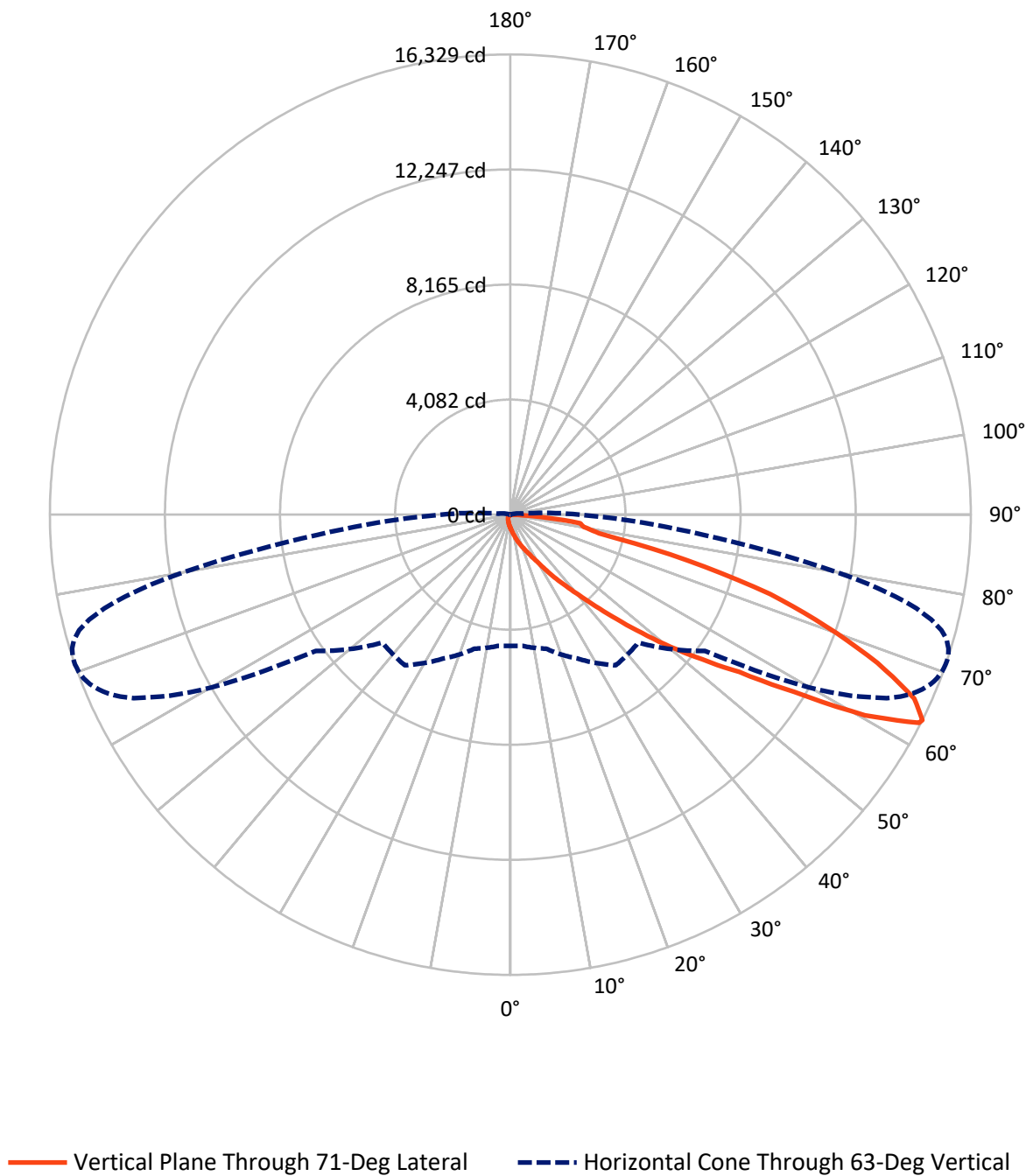


Based on 20 foot mounting height. Maximum calculated value = 6.4 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	259.7	0.0	259.7
	% Fixture	2.1	0.0	2.1
Street Side	Lumens	11972.5	0.0	11972.5
	% Fixture	97.9	0.0	97.9
Total	Lumens	12232.2	0.0	12232.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.9	0.4
10°-20°	201.1	1.6
20°-30°	408.5	3.3
30°-40°	998.1	8.2
40°-50°	2232.2	18.2
50°-60°	3138.7	25.7
60°-70°	3690.8	30.2
70°-80°	1332.7	10.9
80°-90°	178.2	1.5
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°	12232.2	100.0
0°-180°	12232.2	100.0

Coefficient of Utilization



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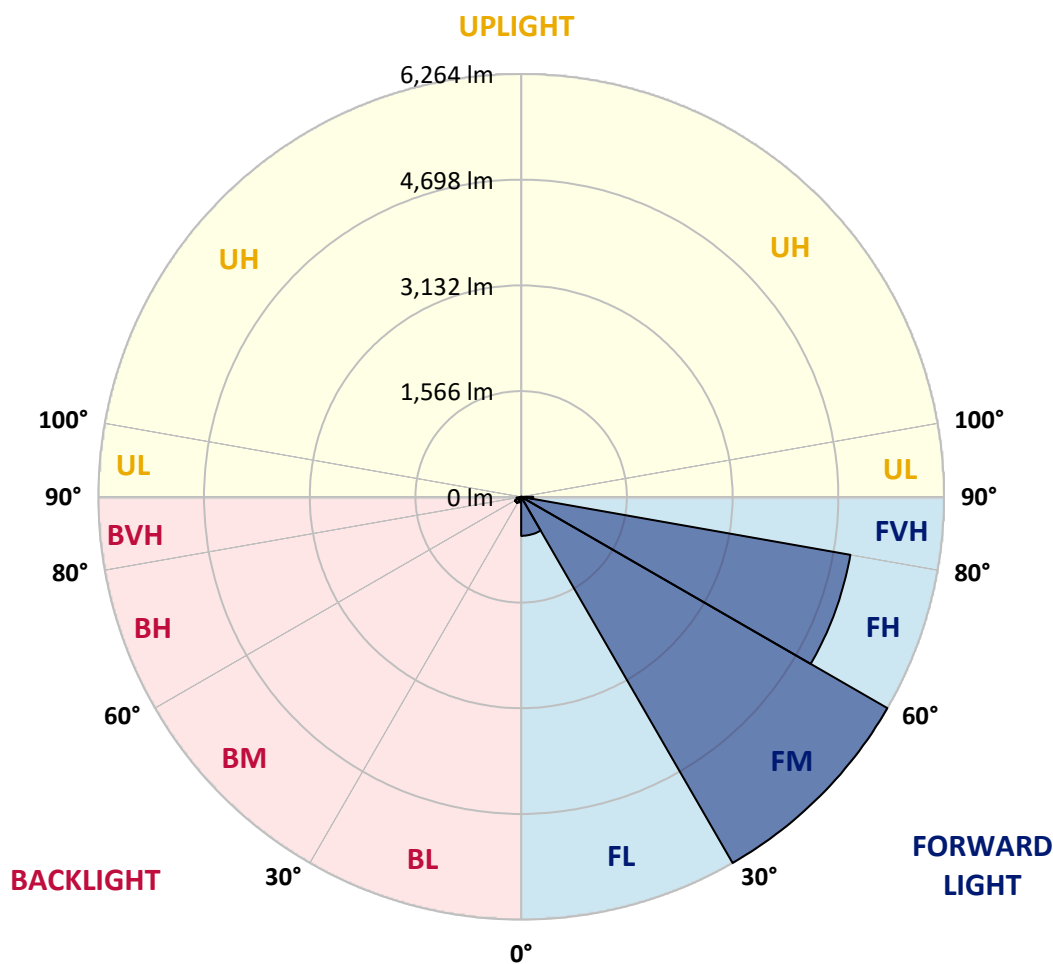
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	578.0	4.7			
FM	(30°-60°)	6264.3	51.2			
FH	(60°-80°)	4952.3	40.5			G2/5000
FVH	(80°-90°)	177.8	1.5			G2/225
BL	(0°-30°)	83.5	0.7	B0/110		
BM	(30°-60°)	104.6	0.9	B0/220		
BH	(60°-80°)	71.2	0.6	B0/110		G0/110
BVH	(80°-90°)	0.4	0.0			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°	469.3	469.3	469.3	469.3	469.3	469.3	469.3	469.3	469.3	469.3	469.3
2.5°	613.8	620.4	615.9	604.8	591.5	573.8	558.1	558.1	556.0	549.2	551.5
5°	805.0	807.3	798.3	771.6	747.2	709.4	667.1	662.6	658.2	651.6	649.4
7.5°	991.9	1000.6	991.9	962.8	913.9	856.1	789.4	782.8	769.4	769.4	760.5
10°	1183.1	1183.1	1174.2	1140.8	1096.2	1014.0	929.5	918.4	902.9	898.4	885.0
12.5°	1318.7	1318.7	1314.2	1296.5	1260.9	1187.5	1085.2	1074.1	1054.1	1047.4	1031.8
15°	1372.0	1372.0	1374.3	1389.8	1392.1	1358.8	1251.9	1243.0	1223.0	1205.2	1198.6
17.5°	1405.3	1403.2	1403.2	1425.5	1465.4	1487.7	1418.7	1409.8	1387.7	1378.7	1356.5
20°	1478.8	1474.4	1461.0	1461.0	1498.8	1576.6	1576.6	1574.4	1550.0	1543.2	1532.1
22.5°	1587.8	1583.3	1543.2	1509.9	1527.7	1625.6	1716.7	1712.3	1703.4	1694.5	1687.8
25°	1765.6	1750.1	1681.1	1583.3	1567.8	1672.3	1823.4	1834.6	1841.3	1841.3	1845.7
27.5°	2034.8	2014.8	1892.4	1710.1	1641.1	1747.8	1941.3	1963.6	1983.6	1988.0	2008.0
30°	2408.3	2372.8	2197.1	1930.2	1772.4	1859.1	2114.8	2139.3	2168.2	2177.1	2208.2
32.5°	3022.0	3002.0	2833.1	2432.7	2094.7	2077.0	2357.2	2388.3	2426.1	2441.6	2479.4
35°	3956.1	3960.5	3822.7	3462.4	2995.4	2750.7	2790.8	2817.4	2830.8	2877.5	2897.5
37.5°	4589.8	4600.9	4632.1	4489.8	4156.2	3907.1	3593.5	3622.5	3553.5	3560.2	3562.5
40°	4936.7	4972.3	5154.7	5292.6	5265.8	5121.3	4870.0	4885.6	4756.6	4727.7	4587.5
42.5°	5167.9	5214.6	5506.1	5932.9	6150.9	6282.1	6224.3	6217.6	6117.5	6079.7	5961.8
45°	5312.6	5354.8	5721.7	6351.0	6853.6	7236.0	7393.9	7411.7	7327.2	7289.4	7191.6
47.5°	5305.8	5354.8	5748.3	6506.7	7247.2	7858.7	8303.5	8325.7	8376.8	8343.5	8350.1
50°	5012.4	5059.1	5454.9	6242.0	7131.5	8143.4	8957.2	9028.4	9110.6	9166.3	9193.0
52.5°	4656.5	4689.9	5041.3	5788.4	6637.8	8025.5	9344.1	9466.5	9588.8	9693.3	9766.7
55°	4525.3	4563.1	4838.8	5459.3	6242.0	7531.8	9524.3	9704.4	9877.9	10049.2	10189.2
57.5°	4594.3	4629.8	4827.8	5303.6	6006.4	7011.5	9575.4	9855.7	10140.3	10418.2	10694.0
60°	4847.7	4885.6	5054.6	5448.1	5944.1	6711.3	9375.3	9840.1	10313.7	10798.5	11254.4
62.5°	4747.7	4763.2	5012.4	5701.7	6388.8	6455.5	8648.1	9297.5	10020.3	10767.4	11503.4
63°	4652.1	4669.9	4923.4	5632.7	6524.5	6417.7	8423.6	9108.5	9871.2	10676.1	11476.8
65°	4218.5	4220.6	4414.1	4974.6	6373.3	6484.4	7422.9	8076.7	8952.8	9917.9	10929.8
67.5°	3148.8	3133.3	3320.1	3747.0	5003.4	6486.7	6371.0	6738.0	7347.3	8203.5	9110.6
70°	1116.4	1091.9	1394.3	1985.7	3117.6	5305.8	5474.9	5499.3	5668.4	6130.9	6700.2
72.5°	362.4	369.2	444.7	727.2	1436.5	3571.4	4956.7	4881.1	4836.7	4834.4	4910.0
75°	144.5	146.8	177.8	322.5	644.9	1721.2	4340.8	4382.9	4398.6	4420.8	4445.3
77.5°	68.9	75.6	100.1	180.1	320.2	851.7	3106.6	3464.5	3669.1	3827.1	3922.7
80°	24.4	28.9	55.6	111.1	148.9	391.3	1636.7	1974.7	2274.9	2661.9	2995.4
82.5°	0.0	0.0	11.1	77.8	82.2	157.9	671.5	787.1	900.6	1167.4	1498.8
85°	0.0	0.0	0.0	22.3	24.4	26.7	226.9	273.6	306.9	358.0	413.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.2	6.6	13.4	33.4	51.2
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°	469.3	469.3	469.3	469.3	469.3	469.3	469.3	469.3	469.3	469.3	469.3
2.5°	547.0	544.9	544.9	540.4	538.1	533.7	531.5	524.8	522.6	522.6	522.6
5°	647.1	638.2	633.7	622.7	615.9	613.8	602.7	598.2	591.5	593.8	582.6
7.5°	758.2	742.7	736.1	720.4	716.1	700.4	696.0	684.9	678.3	664.9	660.5
10°	880.6	860.6	849.5	825.0	818.3	807.3	793.9	780.5	769.4	756.1	749.5
12.5°	1020.8	1002.9	994.0	960.7	945.1	929.5	911.8	894.0	876.1	865.1	849.5
15°	1185.2	1156.3	1147.4	1116.4	1089.6	1069.6	1045.2	1022.9	1009.5	987.4	971.7
17.5°	1347.5	1318.7	1312.0	1265.3	1236.4	1223.0	1196.4	1167.4	1143.0	1120.8	1096.2
20°	1509.9	1489.9	1472.1	1427.6	1396.6	1374.3	1338.6	1309.7	1289.8	1258.7	1227.5
22.5°	1672.3	1652.2	1639.0	1592.2	1563.3	1532.1	1501.1	1469.9	1441.0	1403.2	1367.7
25°	1839.1	1825.7	1819.0	1776.8	1750.1	1721.2	1690.0	1654.5	1618.8	1576.6	1538.9
27.5°	2012.5	2016.9	2003.6	1994.7	1965.8	1945.8	1896.9	1872.4	1845.7	1794.5	1747.8
30°	2232.6	2246.0	2241.5	2248.3	2230.4	2217.1	2179.3	2148.2	2117.0	2068.1	2014.8
32.5°	2510.6	2528.5	2537.2	2561.8	2552.9	2548.4	2537.2	2492.8	2470.5	2386.1	2363.8
35°	2939.8	2930.9	2968.7	2988.7	2979.8	2975.4	2962.1	2937.6	2910.9	2850.8	2795.3
37.5°	3497.9	3506.8	3520.2	3480.2	3453.5	3451.3	3411.2	3386.8	3349.0	3282.2	3215.5
40°	4520.8	4465.3	4403.1	4234.0	4160.7	4118.4	4000.5	3967.2	3902.6	3811.5	3742.6
42.5°	5850.7	5795.0	5608.3	5325.9	5174.7	4965.6	4870.0	4752.1	4661.0	4512.0	4432.0
45°	7171.6	7011.5	6989.2	6660.1	6473.3	6197.6	6026.4	5828.4	5621.7	5426.0	5283.7
47.5°	8285.7	8250.0	8141.2	7940.9	7767.6	7536.2	7316.1	7011.5	6798.0	6520.1	6264.3
50°	9177.4	9175.2	9135.1	9019.5	8875.0	8688.2	8494.7	8236.8	7994.4	7654.1	7380.7
52.5°	9844.6	9880.1	9893.5	9857.8	9802.3	9637.7	9539.9	9324.1	9119.6	8830.4	8534.7
55°	10333.7	10464.9	10531.7	10607.3	10591.7	10534.0	10529.5	10389.3	10296.0	10066.9	9857.8
57.5°	10938.7	11154.3	11361.1	11728.1	11741.3	11870.4	11937.1	12003.8	12021.5	11930.4	11861.5
60°	11708.0	12148.3	12539.7	13307.0	13507.1	13822.8	14027.4	14249.8	14438.7	14454.4	14449.9
62.5°	12250.6	12928.9	13560.4	14698.9	15088.1	15452.9	15726.3	15942.1	16073.2	16206.7	16268.9
63°	12266.2	13008.9	13680.5	14854.6	15263.8	15610.7	15870.9	16071.1	16208.9	16288.9	16329.0
65°	11890.4	12791.0	13591.5	14761.2	15145.9	15495.1	15630.7	15762.0	15828.7	15859.7	15741.8
67.5°	10078.1	10958.6	11892.6	13200.2	13529.2	13947.3	14058.6	14125.3	14156.4	14149.7	14049.7
70°	7536.2	8274.6	9313.1	10807.4	11243.3	11652.5	11905.9	12014.9	12050.4	12039.4	11890.4
72.5°	5261.4	5695.0	6551.1	8214.5	8808.3	9333.1	9646.6	9808.9	9842.3	9775.6	9637.7
75°	4418.6	4440.9	4634.3	5543.7	6099.7	6660.1	7013.6	7116.0	7049.3	6846.9	6495.6
77.5°	3944.9	3993.9	3993.9	4129.5	4238.5	4394.2	4427.5	4178.4	3889.4	3515.7	3213.4
80°	3309.0	3480.2	3600.3	3700.3	3711.4	3680.3	3598.0	3457.9	3235.5	2950.9	2635.1
82.5°	2010.3	2348.3	2486.2	3002.0	3255.5	3426.7	3413.5	3226.6	3057.7	2761.9	2492.8
85°	507.1	547.0	593.8	771.6	865.1	1056.3	1176.3	1232.0	1251.9	1149.7	1040.7
87.5°	48.9	33.4	55.6	42.3	60.1	44.4	60.1	55.6	68.9	73.3	80.1
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	469.3	469.3	469.3	469.3	469.3	469.3	469.3	469.3	469.3	469.3	469.3
2.5°	518.1	515.8	513.7	511.5	509.2	507.1	502.6	502.6	498.2	495.9	493.7
5°	575.9	571.5	569.3	564.9	558.1	553.7	547.0	538.1	531.5	529.2	524.8
7.5°	649.4	638.2	633.7	627.1	618.2	604.8	595.9	589.3	578.2	571.5	558.1
10°	731.6	720.4	707.2	693.8	680.5	664.9	653.7	644.9	627.1	618.2	602.7
12.5°	836.2	816.2	800.5	782.8	765.0	747.2	733.8	707.2	691.5	671.5	658.2
15°	942.8	925.0	907.3	885.0	858.3	829.4	816.2	791.6	771.6	740.6	722.7
17.5°	1071.8	1038.4	1011.8	985.1	960.7	933.9	907.3	869.5	840.6	813.9	778.4
20°	1198.6	1158.6	1129.6	1094.1	1058.6	1016.3	985.1	958.4	918.4	882.9	845.1
22.5°	1334.2	1294.2	1247.5	1212.0	1163.1	1129.6	1087.5	1042.9	1002.9	956.2	909.5
25°	1498.8	1456.5	1403.2	1356.5	1300.8	1254.2	1203.1	1151.9	1103.0	1049.7	989.6
27.5°	1701.2	1656.7	1598.9	1543.2	1469.9	1412.1	1363.2	1294.2	1232.0	1165.2	1096.2
30°	1956.8	1908.0	1836.8	1756.7	1683.4	1618.8	1550.0	1458.8	1389.8	1309.7	1220.9
32.5°	2290.5	2232.6	2137.0	2061.4	1970.2	1885.7	1790.1	1698.9	1601.2	1496.6	1394.3
35°	2710.8	2657.4	2546.2	2435.0	2335.0	2234.9	2114.8	2010.3	1872.4	1745.6	1614.4
37.5°	3146.7	3050.9	2948.7	2828.7	2704.0	2584.0	2437.2	2292.7	2134.8	1997.0	1832.3
40°	3644.7	3529.1	3444.6	3315.6	3139.9	2968.7	2833.1	2653.0	2455.0	2270.4	2077.0
42.5°	4327.4	4198.5	4047.2	3851.6	3724.8	3524.6	3349.0	3135.5	2875.2	2668.5	2435.0
45°	5116.9	4941.2	4794.4	4605.4	4452.0	4202.9	3998.4	3713.7	3453.5	3182.2	2897.5
47.5°	6017.5	5799.5	5586.0	5399.2	5154.7	4910.0	4649.9	4347.4	4013.9	3715.9	3377.9
50°	7051.4	6742.3	6446.6	6206.5	5870.7	5588.3	5305.8	4965.6	4596.4	4254.0	3869.3
52.5°	8201.2	7843.2	7451.8	7082.6	6693.5	6331.0	5990.7	5599.4	5188.0	4770.0	4340.8
55°	9588.8	9319.7	8859.5	8390.2	7869.8	7385.1	6946.9	6462.3	5961.8	5412.6	4961.2
57.5°	11761.5	11630.2	11245.5	10776.3	10098.0	9508.7	8766.0	8172.3	7447.4	6691.3	6108.6
60°	14705.7	14543.2	14327.6	13947.3	13409.2	12608.7	11790.4	10867.5	9764.5	8717.1	7723.1
62.5°	16275.7	16217.7	16042.2	15779.7	15277.2	14645.6	13820.7	12806.5	11561.3	10289.3	9021.8
63°	16322.2	16248.9	16097.7	15830.8	15388.3	14776.9	13967.3	12982.2	11763.6	10467.2	9172.9
65°	15690.8	15661.9	15508.4	15217.1	14914.7	14447.6	13820.7	12973.3	11950.4	10725.2	9437.6
67.5°	13916.3	13829.4	13593.8	13504.8	13293.6	12968.8	12490.8	11908.1	11176.6	10213.6	9101.7
70°	11770.2	11641.3	11345.5	11187.7	10929.8	10725.2	10433.9	10018.0	9566.5	8895.0	8065.6
72.5°	9495.4	9228.5	8957.2	8545.9	8185.6	7820.9	7498.4	7205.0	6709.0	6437.7	5808.4
75°	6166.4	5681.6	5216.9	4594.3	4033.9	3538.0	3055.4	2810.8	2301.6	2094.7	1799.0
77.5°	2926.4	2655.1	2290.5	2008.0	1647.7	1345.4	1098.5	825.0	647.1	507.1	386.9
80°	2361.6	2132.5	1912.4	1656.7	1385.4	1105.2	847.2	633.7	449.1	311.3	220.1
82.5°	2105.9	1856.8	1585.5	1409.8	1225.3	1002.9	822.8	671.5	495.9	362.4	246.9
85°	818.3	689.4	531.5	433.6	338.0	277.9	251.3	173.4	135.7	106.7	82.2
87.5°	71.2	57.8	46.7	31.2	33.4	17.8	20.0	13.4	11.1	11.1	8.9
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°	469.3	469.3	469.3	469.3	469.3	469.3	469.3	469.3	469.3	469.3	469.3
2.5°	491.4	489.2	486.9	482.5	482.5	478.2	475.9	473.7	462.5	438.1	418.1
5°	515.8	511.5	507.1	500.3	495.9	489.2	484.8	478.2	453.6	407.0	366.9
7.5°	551.5	542.6	536.0	522.6	515.8	507.1	500.3	489.2	449.1	378.0	322.5
10°	593.8	578.2	567.0	551.5	538.1	527.1	515.8	500.3	444.7	346.9	282.4
12.5°	644.9	627.1	604.8	587.0	569.3	553.7	538.1	518.1	438.1	320.2	251.3
15°	696.0	669.4	653.7	629.3	604.8	582.6	560.4	542.6	440.4	291.3	224.6
17.5°	753.8	727.2	693.8	667.1	640.5	611.6	584.9	549.2	429.2	269.1	204.6
20°	809.4	771.6	740.6	707.2	669.4	633.7	600.4	569.3	420.2	246.9	186.8
22.5°	869.5	825.0	785.0	742.7	696.0	656.0	615.9	575.9	404.7	226.9	171.2
25°	942.8	891.7	833.9	782.8	733.8	684.9	633.7	584.9	389.2	209.0	160.2
27.5°	1031.8	965.1	907.3	842.8	773.9	711.7	656.0	602.7	373.7	195.7	148.9
30°	1145.3	1067.3	985.1	902.9	829.4	758.2	680.5	613.8	358.0	182.3	137.9
32.5°	1296.5	1198.6	1098.5	1002.9	905.0	813.9	731.6	644.9	349.1	171.2	126.8
35°	1496.6	1369.8	1247.5	1127.4	1009.5	898.4	791.6	693.8	349.1	157.9	113.4
37.5°	1685.6	1538.9	1383.2	1234.1	1094.1	965.1	838.3	720.4	331.4	146.8	102.4
40°	1890.1	1714.4	1532.1	1356.5	1187.5	1027.4	882.9	747.2	315.7	133.4	91.2
42.5°	2203.7	1981.4	1743.5	1538.9	1336.5	1138.5	958.4	798.3	295.7	120.0	80.1
45°	2615.2	2332.7	2052.6	1803.4	1545.5	1303.1	1089.6	891.7	291.3	109.0	68.9
47.5°	3055.4	2721.8	2392.7	2074.7	1772.4	1489.9	1234.1	996.2	291.3	97.9	60.1
50°	3493.4	3075.5	2724.1	2354.9	2014.8	1681.1	1376.4	1105.2	293.6	89.0	48.9
52.5°	3889.4	3442.4	3048.8	2621.8	2246.0	1859.1	1527.7	1212.0	289.1	77.8	40.0
55°	4438.6	3913.8	3457.9	2986.5	2546.2	2110.4	1734.6	1372.0	291.3	68.9	33.4
57.5°	5450.4	4834.4	4285.2	3667.0	3159.9	2597.3	2141.4	1701.2	318.0	57.8	24.4
60°	6902.5	6102.0	5330.4	4576.5	3931.6	3262.3	2670.7	2152.6	373.7	46.7	17.8
62.5°	7878.7	6831.3	5910.8	5079.1	4329.6	3629.2	2984.2	2394.9	411.3	37.8	11.1
63°	7978.8	6895.9	5970.7	5112.4	4347.4	3647.0	2997.6	2412.7	413.6	35.5	11.1
65°	8167.8	7007.0	6004.1	5119.0	4329.6	3622.5	2988.7	2410.6	418.1	28.9	8.9
67.5°	7952.2	6835.8	5810.7	4927.8	4173.9	3477.9	2877.5	2321.6	415.8	20.0	6.6
70°	7111.5	6186.5	5285.8	4463.0	3778.1	3148.8	2619.6	2117.0	382.4	13.4	4.5
72.5°	5221.4	4592.0	3893.8	3300.1	2846.3	2363.8	2016.9	1589.9	295.7	8.9	2.2
75°	1547.7	1409.8	1185.2	1045.2	922.9	762.7	678.3	529.2	151.2	4.5	0.0
77.5°	309.1	280.2	251.3	229.0	215.7	184.6	175.7	144.5	62.3	2.2	0.0
80°	162.3	133.4	113.4	100.1	86.7	71.2	60.1	48.9	11.1	0.0	0.0
82.5°	155.7	104.5	75.6	62.3	53.3	42.3	33.4	24.4	6.6	0.0	0.0
85°	57.8	44.4	33.4	26.7	22.3	20.0	15.5	13.4	0.0	0.0	0.0
87.5°	8.9	6.6	6.6	4.5	4.5	2.2	2.2	2.2	0.0	0.0	0.0
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°	469.3	469.3	469.3	469.3	469.3	469.3	469.3
2.5°	398.1	380.3	371.4	360.3	360.3	358.0	362.4
5°	331.4	306.9	289.1	275.7	277.9	271.3	273.6
7.5°	280.2	255.8	240.1	231.3	229.0	226.9	226.9
10°	242.4	220.1	206.7	200.1	198.0	198.0	198.0
12.5°	215.7	193.5	182.3	177.8	177.8	175.7	175.7
15°	193.5	175.7	164.6	160.2	160.2	157.9	160.2
17.5°	175.7	157.9	148.9	144.5	144.5	142.3	142.3
20°	160.2	144.5	135.7	129.0	129.0	126.8	129.0
22.5°	146.8	131.3	120.0	115.6	113.4	111.1	113.4
25°	133.4	117.9	106.7	100.1	97.9	97.9	95.6
27.5°	122.3	106.7	93.4	86.7	84.5	84.5	82.2
30°	111.1	93.4	80.1	73.3	71.2	71.2	71.2
32.5°	100.1	80.1	68.9	62.3	60.1	60.1	60.1
35°	89.0	68.9	57.8	51.2	48.9	48.9	48.9
37.5°	75.6	57.8	44.4	40.0	37.8	35.5	35.5
40°	64.5	44.4	33.4	28.9	24.4	24.4	24.4
42.5°	53.3	35.5	24.4	17.8	15.5	13.4	15.5
45°	44.4	26.7	15.5	8.9	6.6	6.6	6.6
47.5°	35.5	17.8	6.6	2.2	2.2	2.2	2.2
50°	26.7	11.1	2.2	0.0	0.0	2.2	2.2
52.5°	20.0	6.6	0.0	0.0	0.0	0.0	0.0
55°	11.1	2.2	0.0	0.0	0.0	0.0	0.0
57.5°	6.6	0.0	0.0	0.0	0.0	0.0	0.0
60°	4.5	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	2.2	0.0	0.0	0.0	0.0	0.0	0.0
63°	2.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.2	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)