

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: McGRAW-EDISON

Report Number: P164988

Luminaire Tested: **VTS-E10-LED-E1-SL2-HSS-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P164988
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: MCGRAW-EDISON
Catalog Number: VTS-E10-LED-E1-SL2-HSS-7050
Description: VENTUS LED SITE LUMINAIRE
(10) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (210) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18589.6 lumens
Efficiency: N/A
Efficacy: 75.0 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.67' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B1 - U0 - G4

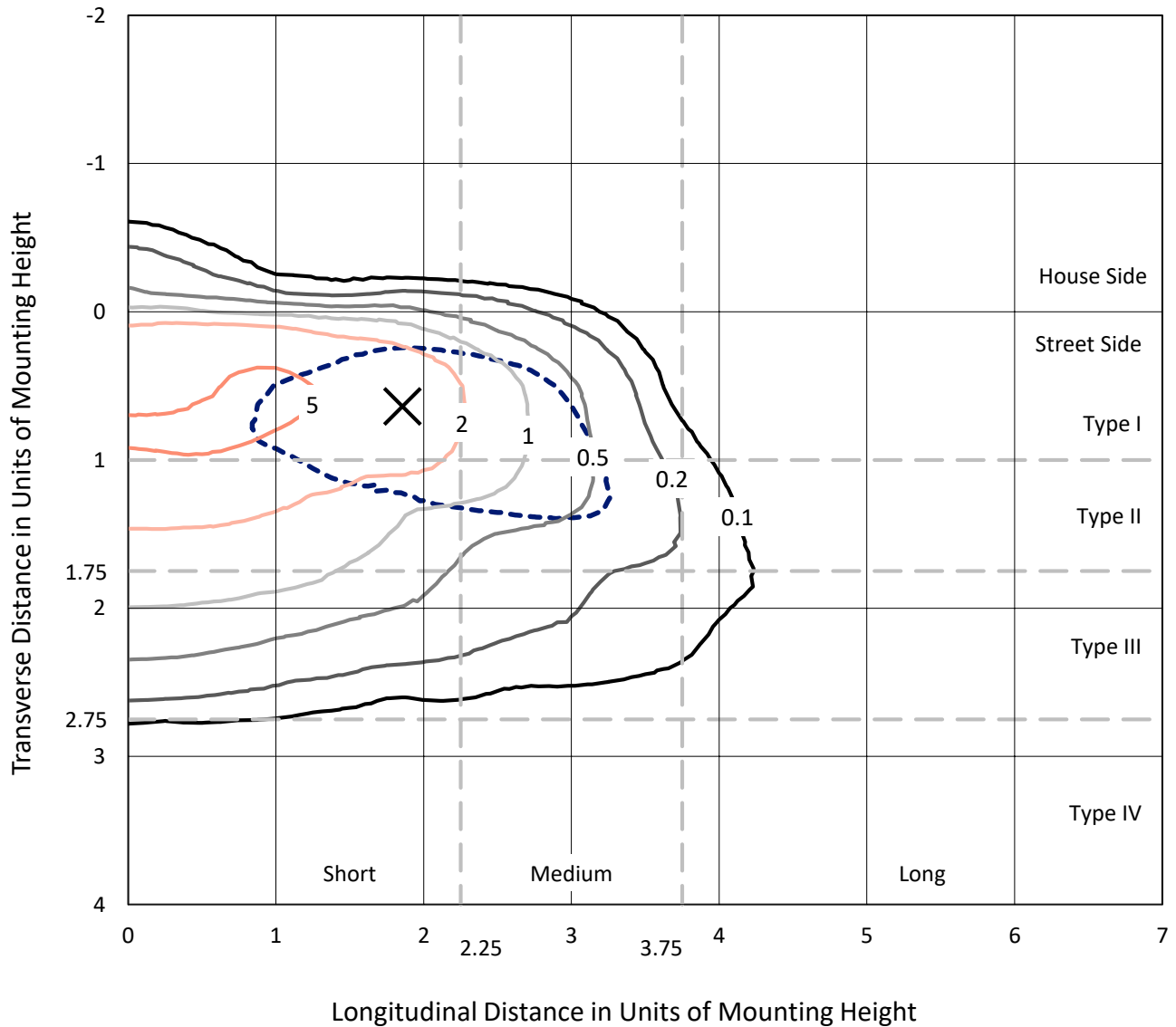
Input Watts (W): 247.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

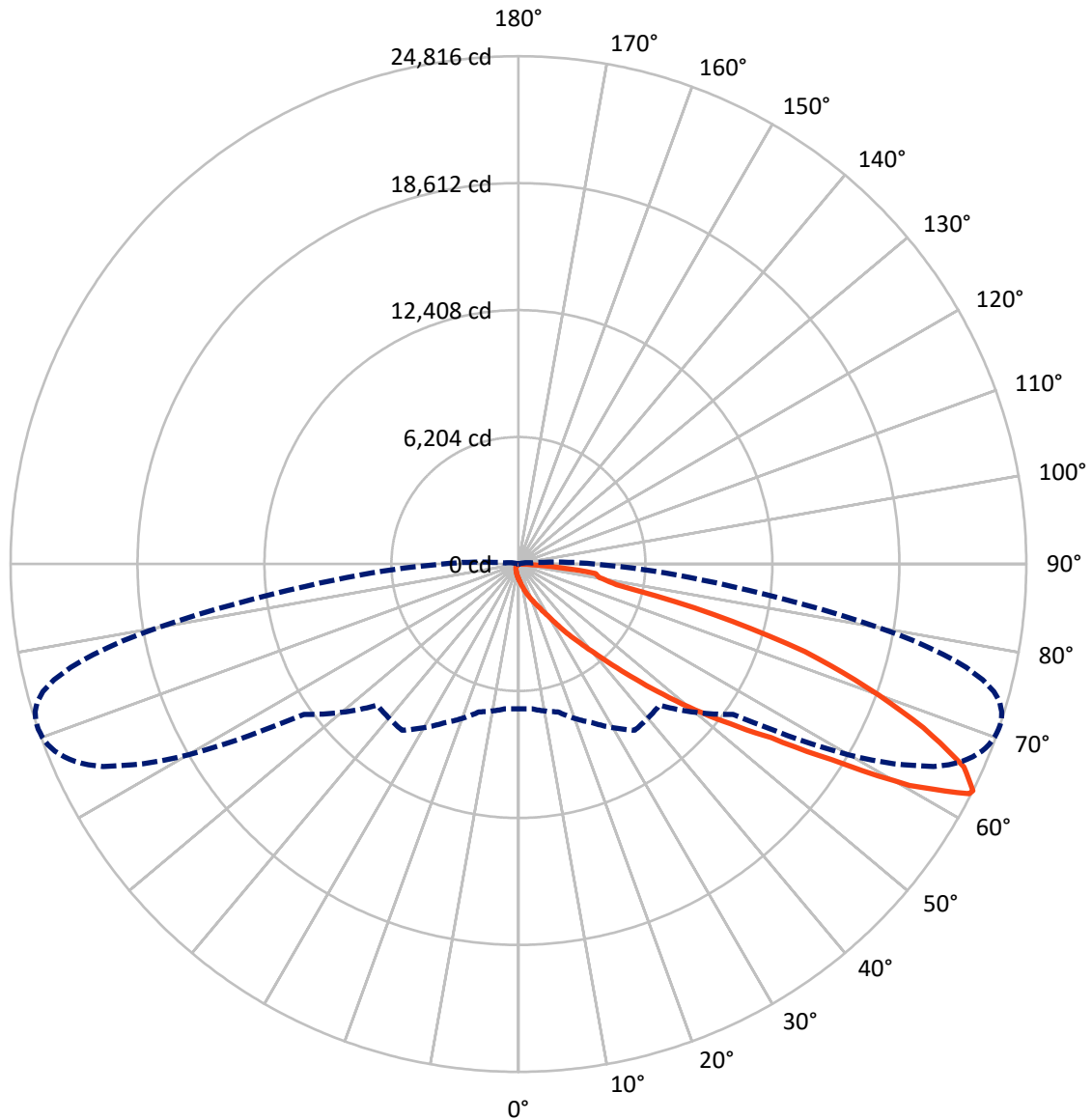


Based on 25 foot mounting height. Maximum calculated value = 6.3 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 71-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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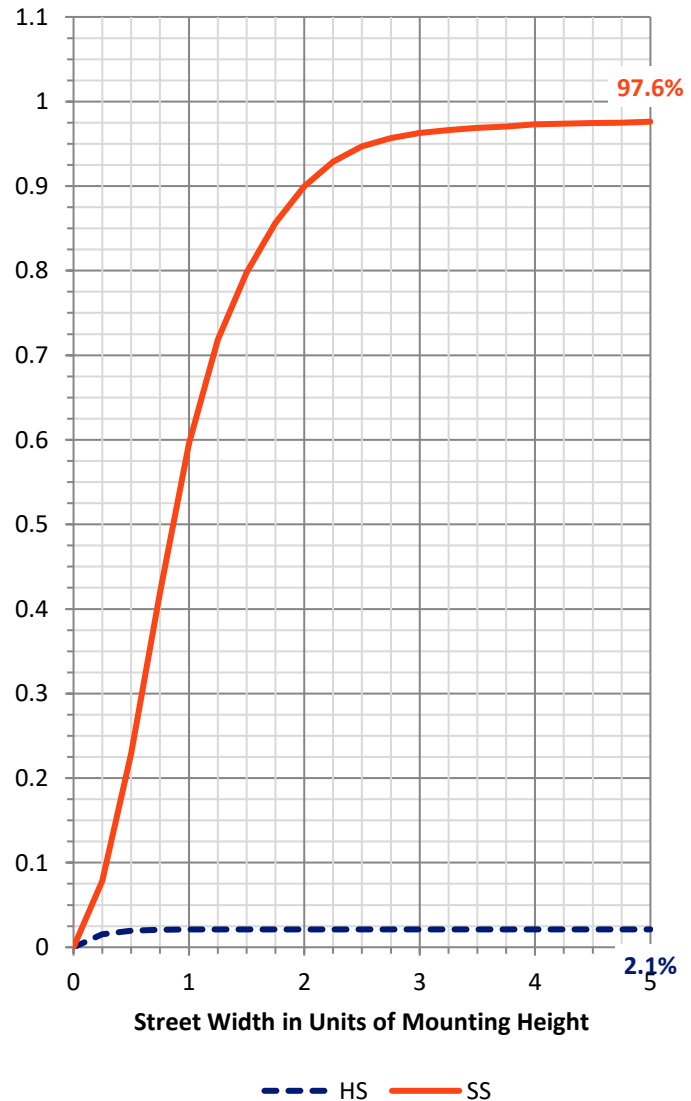
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	394.7	0.0	394.7
	% Fixture	2.1	0.0	2.1
Street Side	Lumens	18194.9	0.0	18194.9
	% Fixture	97.9	0.0	97.9
Total	Lumens	18589.6	0.0	18589.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.8	0.4
10°-20°	305.7	1.6
20°-30°	620.8	3.3
30°-40°	1516.8	8.2
40°-50°	3392.3	18.2
50°-60°	4769.9	25.7
60°-70°	5609.0	30.2
70°-80°	2025.4	10.9
80°-90°	270.8	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°	18589.6	100.0
0°-180°	18589.6	100.0



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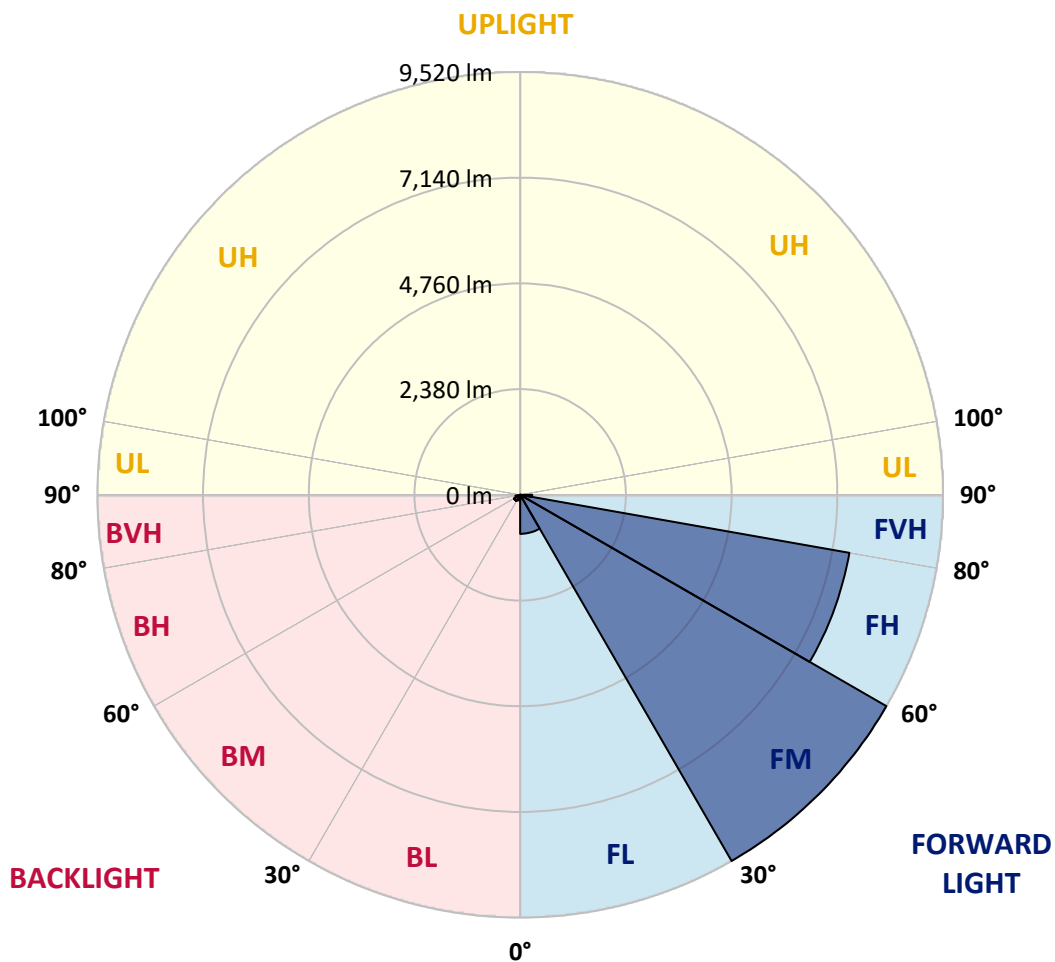
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	878.4	4.7			
FM	(30°-60°)	9520.0	51.2			
FH	(60°-80°)	7526.2	40.5			G4/12000
FVH	(80°-90°)	270.3	1.5			G3/500
BL	(0°-30°)	126.9	0.7	B1/500		
BM	(30°-60°)	159.0	0.9	B0/220		
BH	(60°-80°)	108.2	0.6	B0/110		G0/110
BVH	(80°-90°)	0.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G4

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	713.1	713.1	713.1	713.1	713.1	713.1	713.1	713.1	713.1	713.1	713.1
2.5°	932.7	942.8	936.0	919.2	898.9	872.0	848.2	848.2	844.9	834.6	838.1
5°	1223.3	1226.8	1213.3	1172.6	1135.5	1078.0	1013.8	1007.0	1000.2	990.2	986.9
7.5°	1507.3	1520.7	1507.3	1463.2	1388.9	1301.1	1199.7	1189.7	1169.3	1169.3	1155.8
10°	1797.9	1797.9	1784.4	1733.7	1666.0	1541.0	1412.5	1395.7	1372.1	1365.3	1345.0
12.5°	2004.0	2004.0	1997.2	1970.3	1916.1	1804.7	1649.2	1632.3	1602.0	1591.7	1568.1
15°	2085.0	2085.0	2088.5	2112.1	2115.6	2064.9	1902.6	1889.1	1858.7	1831.6	1821.5
17.5°	2135.7	2132.5	2132.5	2166.3	2227.1	2260.9	2156.1	2142.5	2108.9	2095.3	2061.4
20°	2247.4	2240.6	2220.3	2220.3	2277.7	2396.0	2396.0	2392.7	2355.5	2345.3	2328.4
22.5°	2413.0	2406.2	2345.3	2294.6	2321.7	2470.5	2609.0	2602.2	2588.7	2575.1	2565.1
25°	2683.3	2659.7	2554.8	2406.2	2382.6	2541.5	2771.1	2788.1	2798.2	2798.2	2805.0
27.5°	3092.3	3061.9	2876.0	2598.9	2494.1	2656.2	2950.3	2984.1	3014.5	3021.3	3051.6
30°	3659.9	3605.9	3338.9	2933.4	2693.5	2825.3	3214.0	3251.1	3295.0	3308.6	3355.8
32.5°	4592.6	4562.3	4305.5	3697.1	3183.4	3156.5	3582.3	3629.5	3687.0	3710.6	3768.1
35°	6012.2	6018.9	5809.4	5261.9	4552.2	4180.4	4241.3	4281.7	4302.0	4373.1	4403.4
37.5°	6975.3	6992.1	7039.5	6823.2	6316.3	5937.7	5461.1	5505.3	5400.4	5410.4	5413.9
40°	7502.5	7556.4	7833.7	8043.2	8002.6	7783.0	7401.1	7424.7	7228.7	7184.8	6971.8
42.5°	7853.8	7924.8	8367.7	9016.4	9347.6	9547.1	9459.3	9449.0	9296.9	9239.5	9060.3
45°	8073.6	8137.8	8695.4	9651.8	10415.6	10996.8	11236.7	11263.8	11135.3	11077.8	10929.3
47.5°	8063.3	8137.8	8735.9	9888.4	11013.8	11943.0	12619.0	12652.7	12730.5	12679.8	12689.8
50°	7617.4	7688.4	8289.9	9486.1	10837.9	12375.7	13612.5	13720.7	13845.7	13930.2	13970.8
52.5°	7076.6	7127.3	7661.3	8796.8	10087.6	12196.5	14200.5	14386.4	14572.3	14731.2	14842.6
55°	6877.2	6934.6	7353.7	8296.7	9486.1	11446.2	14474.2	14748.0	15011.7	15271.9	15484.8
57.5°	6982.0	7036.0	7336.9	8060.1	9128.0	10655.5	14552.0	14977.9	15410.5	15832.8	16251.9
60°	7367.2	7424.7	7681.6	8279.6	9033.4	10199.3	14247.9	14954.3	15674.0	16410.7	17103.5
62.5°	7215.2	7238.8	7617.4	8665.1	9709.2	9810.6	13142.8	14129.7	15228.0	16363.5	17482.0
63°	7069.9	7097.0	7482.2	8560.2	9915.5	9753.1	12801.5	13842.4	15001.5	16224.8	17441.5
65°	6410.9	6414.2	6708.3	7559.9	9685.6	9854.5	11280.8	12274.3	13605.7	15072.5	16610.2
67.5°	4785.3	4761.7	5045.6	5694.5	7603.9	9858.0	9682.1	10239.9	11165.9	12467.0	13845.7
70°	1696.6	1659.4	2118.9	3017.8	4737.9	8063.3	8320.3	8357.4	8614.4	9317.2	10182.5
72.5°	550.8	561.1	675.8	1105.1	2183.1	5427.5	7532.8	7417.9	7350.4	7346.9	7461.8
75°	219.6	223.1	270.3	490.1	980.1	2615.7	6596.8	6660.9	6684.7	6718.3	6755.7
77.5°	104.7	114.9	152.1	273.8	486.6	1294.3	4721.1	5265.2	5576.1	5816.2	5961.5
80°	37.1	43.9	84.6	168.9	226.4	594.7	2487.3	3000.9	3457.2	4045.3	4552.2
82.5°	0.0	0.0	16.8	118.2	125.0	239.9	1020.6	1196.2	1368.6	1774.1	2277.7
85°	0.0	0.0	0.0	33.9	37.1	40.6	344.8	415.8	466.5	544.0	628.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.3	10.1	20.3	50.7	77.8
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	713.1	713.1	713.1	713.1	713.1	713.1	713.1	713.1	713.1	713.1	713.1
2.5°	831.4	828.1	828.1	821.3	817.8	811.0	807.8	797.5	794.2	794.2	794.2
5°	983.4	969.9	963.1	946.3	936.0	932.7	915.9	909.1	898.9	902.4	885.3
7.5°	1152.3	1128.7	1118.7	1094.9	1088.3	1064.5	1057.7	1040.9	1030.8	1010.5	1003.7
10°	1338.2	1307.9	1291.0	1253.7	1243.6	1226.8	1206.5	1186.2	1169.3	1149.0	1139.0
12.5°	1551.3	1524.2	1510.6	1459.9	1436.3	1412.5	1385.7	1358.6	1331.5	1314.6	1291.0
15°	1801.2	1757.3	1743.8	1696.6	1655.9	1625.6	1588.4	1554.5	1534.2	1500.6	1476.8
17.5°	2047.9	2004.0	1993.9	1922.9	1879.0	1858.7	1818.3	1774.1	1737.0	1703.3	1666.0
20°	2294.6	2264.2	2237.1	2169.6	2122.4	2088.5	2034.4	1990.4	1960.1	1912.9	1865.5
22.5°	2541.5	2510.9	2490.8	2419.8	2375.8	2328.4	2281.2	2233.8	2189.9	2132.5	2078.5
25°	2794.9	2774.6	2764.3	2700.3	2659.7	2615.7	2568.3	2514.4	2460.2	2396.0	2338.7
27.5°	3058.4	3065.2	3044.9	3031.3	2987.4	2957.0	2882.7	2845.6	2805.0	2727.2	2656.2
30°	3392.9	3413.2	3406.5	3416.7	3389.6	3369.3	3311.9	3264.7	3217.3	3143.0	3061.9
32.5°	3815.5	3842.6	3855.9	3893.2	3879.7	3872.9	3855.9	3788.4	3754.5	3626.3	3592.4
35°	4467.7	4454.1	4511.6	4542.0	4528.4	4521.8	4501.5	4464.4	4423.7	4332.4	4248.1
37.5°	5315.8	5329.4	5349.7	5289.0	5248.3	5245.0	5184.1	5146.9	5089.5	4988.1	4886.7
40°	6870.4	6786.0	6691.4	6434.5	6323.1	6258.8	6079.7	6029.0	5930.9	5792.4	5687.7
42.5°	8891.4	8806.9	8523.0	8093.9	7864.1	7546.4	7401.1	7221.9	7083.4	6857.1	6735.4
45°	10898.9	10655.5	10621.6	10121.5	9837.7	9418.6	9158.4	8857.5	8543.4	8246.0	8029.7
47.5°	12592.0	12537.8	12372.4	12068.0	11804.5	11453.0	11118.5	10655.5	10331.0	9908.7	9520.0
50°	13947.0	13943.7	13882.8	13707.1	13487.5	13203.7	12909.6	12517.7	12149.3	11632.1	11216.6
52.5°	14961.0	15015.0	15035.3	14981.1	14896.8	14646.6	14498.0	14170.1	13859.2	13419.8	12970.4
55°	15704.3	15903.8	16005.2	16120.1	16096.5	16008.7	16001.9	15788.9	15647.1	15298.8	14981.1
57.5°	16623.7	16951.5	17265.7	17823.5	17843.6	18039.8	18141.1	18242.5	18269.4	18130.9	18026.2
60°	17792.9	18462.1	19056.8	20222.9	20527.0	21006.8	21317.8	21655.8	21942.9	21966.7	21959.9
62.5°	18617.5	19648.3	20608.1	22338.3	22929.8	23484.1	23899.6	24227.6	24426.9	24629.6	24724.2
63°	18641.3	19770.0	20790.5	22574.9	23196.8	23724.0	24119.4	24423.6	24633.1	24754.6	24815.5
65°	18070.1	19438.7	20655.3	22432.9	23017.6	23548.3	23754.3	23953.8	24055.2	24102.4	23923.2
67.5°	15315.9	16654.1	18073.4	20060.6	20560.7	21196.1	21365.2	21466.5	21513.7	21503.7	21351.6
70°	11453.0	12575.1	14153.3	16424.3	17086.7	17708.5	18093.7	18259.3	18313.3	18296.5	18070.1
72.5°	7995.8	8654.8	9955.9	12483.8	13386.2	14183.7	14660.2	14906.8	14957.5	14856.2	14646.6
75°	6715.0	6748.9	7042.8	8424.9	9269.8	10121.5	10658.8	10814.3	10713.0	10405.3	9871.5
77.5°	5995.1	6069.6	6069.6	6275.7	6441.3	6677.9	6728.6	6350.0	5910.8	5342.9	4883.4
80°	5028.7	5289.0	5471.4	5623.5	5640.3	5593.1	5467.9	5255.1	4917.1	4484.5	4004.7
82.5°	3055.1	3568.8	3778.3	4562.3	4947.5	5207.7	5187.6	4903.6	4646.8	4197.4	3788.4
85°	770.6	831.4	902.4	1172.6	1314.6	1605.2	1787.7	1872.2	1902.6	1747.3	1581.6
87.5°	74.3	50.7	84.6	64.2	91.3	67.5	91.3	84.6	104.7	111.4	121.7
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	713.1	713.1	713.1	713.1	713.1	713.1	713.1	713.1	713.1	713.1	713.1
2.5°	787.4	783.9	780.7	777.4	773.9	770.6	763.8	763.8	757.1	753.6	750.3
5°	875.3	868.5	865.2	858.4	848.2	841.4	831.4	817.8	807.8	804.3	797.5
7.5°	986.9	969.9	963.1	953.0	939.5	919.2	905.6	895.6	878.8	868.5	848.2
10°	1111.9	1094.9	1074.7	1054.4	1034.1	1010.5	993.5	980.1	953.0	939.5	915.9
12.5°	1270.7	1240.4	1216.6	1189.7	1162.6	1135.5	1115.2	1074.7	1050.9	1020.6	1000.2
15°	1432.9	1405.8	1378.9	1345.0	1304.4	1260.5	1240.4	1203.0	1172.6	1125.4	1098.3
17.5°	1628.8	1578.2	1537.7	1497.1	1459.9	1419.3	1378.9	1321.4	1277.5	1236.9	1182.9
20°	1821.5	1760.8	1716.7	1662.7	1608.7	1544.5	1497.1	1456.5	1395.7	1341.7	1284.3
22.5°	2027.6	1966.8	1895.8	1841.9	1767.6	1716.7	1652.6	1584.9	1524.2	1453.2	1382.2
25°	2277.7	2213.5	2132.5	2061.4	1976.9	1906.1	1828.3	1750.5	1676.2	1595.2	1503.9
27.5°	2585.4	2517.7	2429.8	2345.3	2233.8	2146.0	2071.7	1966.8	1872.2	1770.9	1666.0
30°	2973.9	2899.6	2791.4	2669.7	2558.3	2460.2	2355.5	2217.0	2112.1	1990.4	1855.4
32.5°	3481.0	3392.9	3247.6	3132.7	2994.2	2865.7	2720.4	2581.9	2433.3	2274.5	2118.9
35°	4119.6	4038.5	3869.4	3700.5	3548.5	3396.4	3214.0	3055.1	2845.6	2652.9	2453.4
37.5°	4782.1	4636.6	4481.2	4298.8	4109.3	3926.9	3703.8	3484.2	3244.3	3034.8	2784.6
40°	5538.9	5363.2	5234.8	5038.8	4771.8	4511.6	4305.5	4031.8	3730.9	3450.4	3156.5
42.5°	6576.5	6380.5	6150.7	5853.3	5660.6	5356.5	5089.5	4765.0	4369.6	4055.4	3700.5
45°	7776.2	7509.2	7286.2	6998.9	6765.7	6387.3	6076.4	5643.8	5248.3	4836.0	4403.4
47.5°	9144.9	8813.6	8489.2	8205.4	7833.7	7461.8	7066.6	6606.9	6100.0	5647.1	5133.4
50°	10716.2	10246.5	9797.0	9432.2	8921.8	8492.7	8063.3	7546.4	6985.3	6464.9	5880.2
52.5°	12463.5	11919.4	11324.7	10763.6	10172.2	9621.4	9104.2	8509.5	7884.4	7249.0	6596.8
55°	14572.3	14163.3	13463.9	12750.8	11959.9	11223.3	10557.4	9820.9	9060.3	8225.7	7539.6
57.5°	17874.1	17674.7	17090.0	16377.1	15346.2	14450.6	13321.9	12419.6	11317.9	10168.9	9283.4
60°	22348.6	22101.7	21774.0	21196.1	20378.2	19161.7	17918.1	16515.6	14839.3	13247.6	11737.0
62.5°	24734.5	24646.4	24379.6	23980.7	23217.1	22257.3	21003.6	19462.3	17570.0	15636.8	13710.6
63°	24805.3	24693.8	24464.0	24058.5	23386.0	22456.7	21226.4	19729.3	17877.4	15907.3	13940.3
65°	23845.7	23801.7	23568.4	23125.7	22666.3	21956.4	21003.6	19715.8	18161.2	16299.3	14342.5
67.5°	21148.9	21016.9	20658.8	20523.5	20202.6	19709.0	18982.5	18097.0	16985.3	15521.9	13832.1
70°	17887.5	17691.5	17242.1	17002.2	16610.2	16299.3	15856.6	15224.5	14538.5	13517.9	12257.4
72.5°	14430.3	14024.8	13612.5	12987.4	12439.9	11885.6	11395.5	10949.6	10195.8	9783.5	8827.2
75°	9371.2	8634.5	7928.3	6982.0	6130.4	5376.8	4643.3	4271.7	3497.8	3183.4	2734.0
77.5°	4447.3	4035.1	3481.0	3051.6	2504.1	2044.6	1669.5	1253.7	983.4	770.6	588.0
80°	3588.9	3240.9	2906.3	2517.7	2105.4	1679.5	1287.6	963.1	682.6	473.0	334.5
82.5°	3200.4	2821.8	2409.5	2142.5	1862.2	1524.2	1250.4	1020.6	753.6	550.8	375.1
85°	1243.6	1047.7	807.8	659.0	513.7	422.3	381.9	263.5	206.2	162.1	125.0
87.5°	108.2	87.8	71.0	47.4	50.7	27.1	30.4	20.3	16.8	16.8	13.5
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°	713.1	713.1	713.1	713.1	713.1	713.1	713.1	713.1	713.1	713.1	713.1
2.5°	746.8	743.5	740.0	733.3	733.3	726.7	723.2	719.9	702.9	665.7	635.4
5°	783.9	777.4	770.6	760.3	753.6	743.5	736.7	726.7	689.3	618.5	557.6
7.5°	838.1	824.6	814.5	794.2	783.9	770.6	760.3	743.5	682.6	574.4	490.1
10°	902.4	878.8	861.7	838.1	817.8	801.0	783.9	760.3	675.8	527.2	429.1
12.5°	980.1	953.0	919.2	892.1	865.2	841.4	817.8	787.4	665.7	486.6	381.9
15°	1057.7	1017.3	993.5	956.3	919.2	885.3	851.7	824.6	669.2	442.7	341.3
17.5°	1145.5	1105.1	1054.4	1013.8	973.4	929.4	888.8	834.6	652.2	409.0	310.9
20°	1230.1	1172.6	1125.4	1074.7	1017.3	963.1	912.4	865.2	638.6	375.1	283.8
22.5°	1321.4	1253.7	1193.0	1128.7	1057.7	997.0	936.0	875.3	615.0	344.8	260.2
25°	1432.9	1355.1	1267.2	1189.7	1115.2	1040.9	963.1	888.8	591.4	317.7	243.4
27.5°	1568.1	1466.7	1378.9	1280.8	1176.1	1081.5	997.0	915.9	567.8	297.4	226.4
30°	1740.5	1622.1	1497.1	1372.1	1260.5	1152.3	1034.1	932.7	544.0	277.0	209.5
32.5°	1970.3	1821.5	1669.5	1524.2	1375.4	1236.9	1111.9	980.1	530.5	260.2	192.7
35°	2274.5	2081.8	1895.8	1713.4	1534.2	1365.3	1203.0	1054.4	530.5	239.9	172.4
37.5°	2561.6	2338.7	2102.1	1875.5	1662.7	1466.7	1274.0	1094.9	503.6	223.1	155.6
40°	2872.5	2605.5	2328.4	2061.4	1804.7	1561.3	1341.7	1135.5	479.8	202.8	138.5
42.5°	3349.0	3011.2	2649.6	2338.7	2031.1	1730.2	1456.5	1213.3	449.4	182.4	121.7
45°	3974.3	3545.0	3119.4	2740.7	2348.8	1980.4	1655.9	1355.1	442.7	165.6	104.7
47.5°	4643.3	4136.4	3636.3	3153.0	2693.5	2264.2	1875.5	1513.9	442.7	148.8	91.3
50°	5309.1	4673.9	4139.9	3578.9	3061.9	2554.8	2091.8	1679.5	446.2	135.2	74.3
52.5°	5910.8	5231.5	4633.3	3984.4	3413.2	2825.3	2321.7	1841.9	439.4	118.2	60.7
55°	6745.4	5947.9	5255.1	4538.7	3869.4	3207.2	2636.1	2085.0	442.7	104.7	50.7
57.5°	8283.1	7346.9	6512.3	5572.8	4802.2	3947.2	3254.4	2585.4	483.3	87.8	37.1
60°	10489.9	9273.3	8100.7	6954.9	5975.0	4957.7	4058.7	3271.4	567.8	71.0	27.1
62.5°	11973.4	10381.7	8982.7	7718.8	6579.8	5515.3	4535.2	3639.6	625.1	57.5	16.8
63°	12125.5	10479.8	9073.9	7769.5	6606.9	5542.4	4555.5	3666.7	628.6	54.0	16.8
65°	12412.8	10648.7	9124.5	7779.5	6579.8	5505.3	4542.0	3663.4	635.4	43.9	13.5
67.5°	12085.1	10388.5	8830.7	7488.9	6343.2	5285.5	4373.1	3528.2	631.9	30.4	10.1
70°	10807.6	9401.8	8033.0	6782.6	5741.7	4785.3	3981.1	3217.3	581.2	20.3	6.8
72.5°	7935.1	6978.5	5917.6	5015.2	4325.7	3592.4	3065.2	2416.3	449.4	13.5	3.3
75°	2352.0	2142.5	1801.2	1588.4	1402.5	1159.1	1030.8	804.3	229.8	6.8	0.0
77.5°	469.8	425.8	381.9	348.1	327.7	280.5	267.0	219.6	94.6	3.3	0.0
80°	246.7	202.8	172.4	152.1	131.8	108.2	91.3	74.3	16.8	0.0	0.0
82.5°	236.6	158.8	114.9	94.6	81.1	64.2	50.7	37.1	10.1	0.0	0.0
85°	87.8	67.5	50.7	40.6	33.9	30.4	23.6	20.3	0.0	0.0	0.0
87.5°	13.5	10.1	10.1	6.8	6.8	3.3	3.3	3.3	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°	713.1	713.1	713.1	713.1	713.1	713.1	713.1
2.5°	605.0	577.9	564.4	547.5	547.5	544.0	550.8
5°	503.6	466.5	439.4	419.1	422.3	412.3	415.8
7.5°	425.8	388.7	364.9	351.5	348.1	344.8	344.8
10°	368.4	334.5	314.2	304.1	300.9	300.9	300.9
12.5°	327.7	294.1	277.0	270.3	270.3	267.0	267.0
15°	294.1	267.0	250.2	243.4	243.4	239.9	243.4
17.5°	267.0	239.9	226.4	219.6	219.6	216.3	216.3
20°	243.4	219.6	206.2	196.0	196.0	192.7	196.0
22.5°	223.1	199.5	182.4	175.7	172.4	168.9	172.4
25°	202.8	179.2	162.1	152.1	148.8	148.8	145.3
27.5°	185.9	162.1	142.0	131.8	128.5	128.5	125.0
30°	168.9	142.0	121.7	111.4	108.2	108.2	108.2
32.5°	152.1	121.7	104.7	94.6	91.3	91.3	91.3
35°	135.2	104.7	87.8	77.8	74.3	74.3	74.3
37.5°	114.9	87.8	67.5	60.7	57.5	54.0	54.0
40°	98.1	67.5	50.7	43.9	37.1	37.1	37.1
42.5°	81.1	54.0	37.1	27.1	23.6	20.3	23.6
45°	67.5	40.6	23.6	13.5	10.1	10.1	10.1
47.5°	54.0	27.1	10.1	3.3	3.3	3.3	3.3
50°	40.6	16.8	3.3	0.0	0.0	3.3	3.3
52.5°	30.4	10.1	0.0	0.0	0.0	0.0	0.0
55°	16.8	3.3	0.0	0.0	0.0	0.0	0.0
57.5°	10.1	0.0	0.0	0.0	0.0	0.0	0.0
60°	6.8	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	3.3	0.0	0.0	0.0	0.0	0.0	0.0
63°	3.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	3.3	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)