

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: P157031

Luminaire Tested: **UTLD-E01-LED-E-U-SL2-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P157031
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33668)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: UTLD-E01-LED-E-U-SL2-7050
Description: TRADITIONAIRE LED DOWNLIGHT LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (21) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2714.8 lumens
Efficiency: N/A
Efficacy: 109.9 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B1 - U0 - G1

Input Watts (W): 24.7
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: 28.75 FT



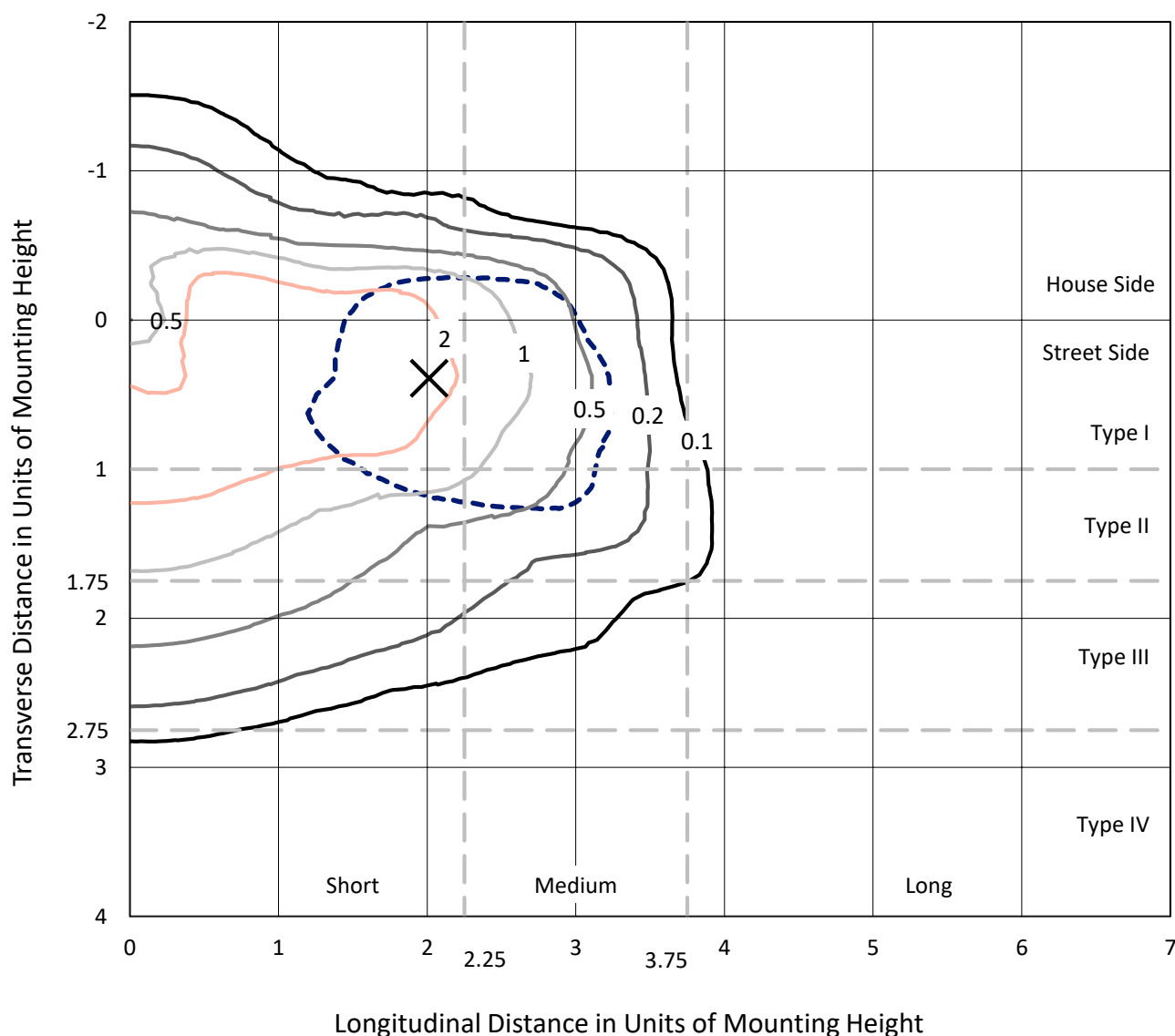
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

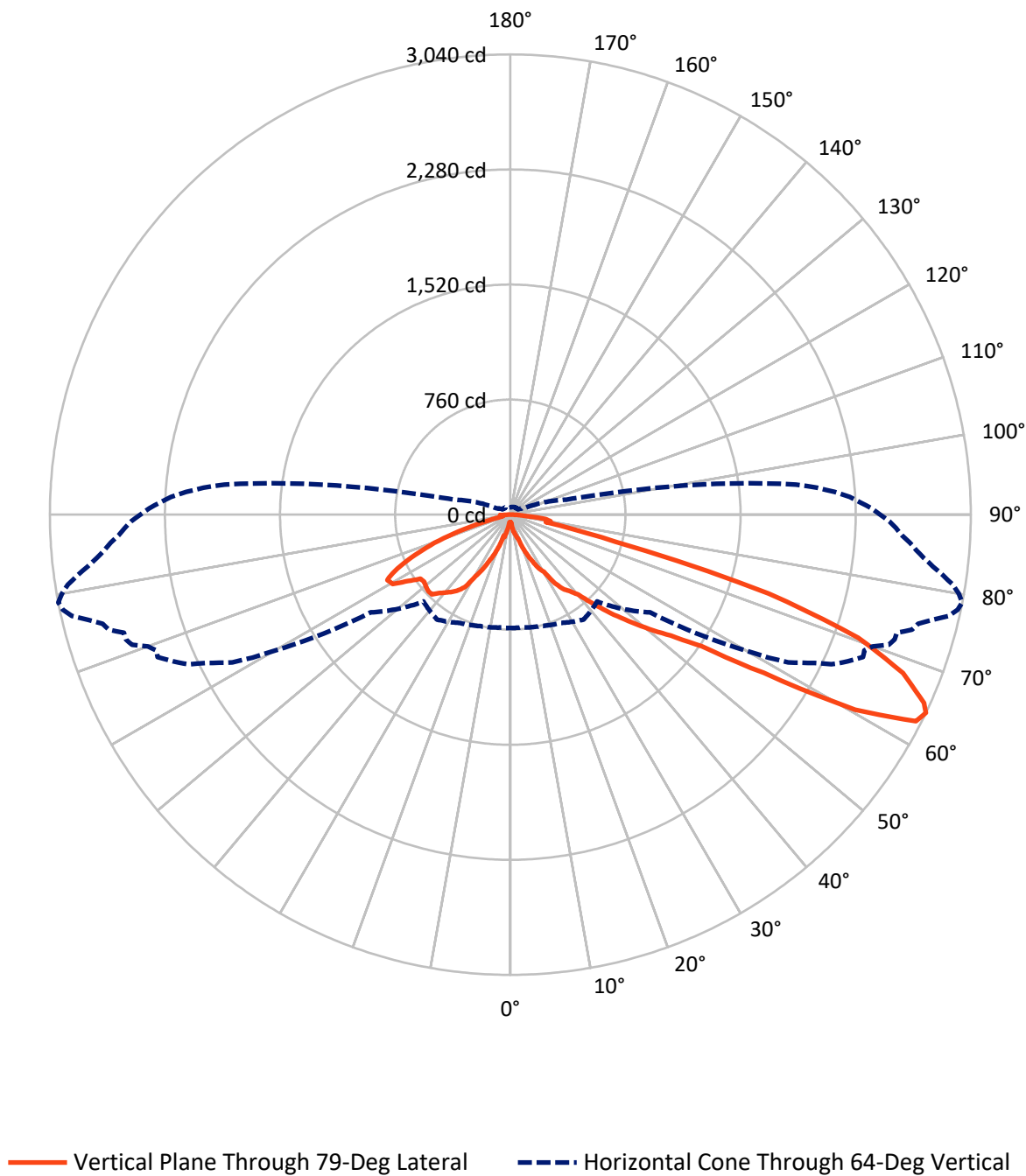


Based on 10 foot mounting height. Maximum calculated value = 3.8 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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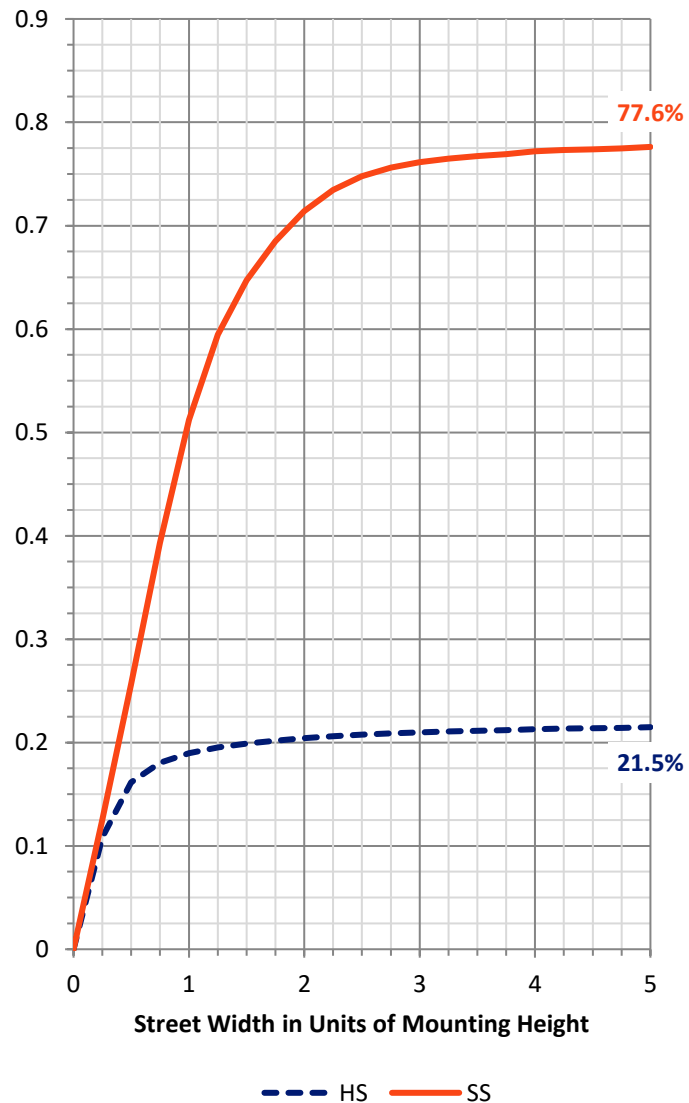
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	596.4	0.0	596.4
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	2118.4	0.0	2118.4
	% Fixture	78.0	0.0	78.0
Total	Lumens	2714.8	0.0	2714.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.8	0.3
10°-20°	39.7	1.5
20°-30°	116.1	4.3
30°-40°	253.7	9.3
40°-50°	461.4	17.0
50°-60°	644.3	23.7
60°-70°	810.2	29.8
70°-80°	314.1	11.6
80°-90°	68.6	2.5
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°	2714.8	100.0
0°-180°	2714.8	100.0

Coefficient of Utilization



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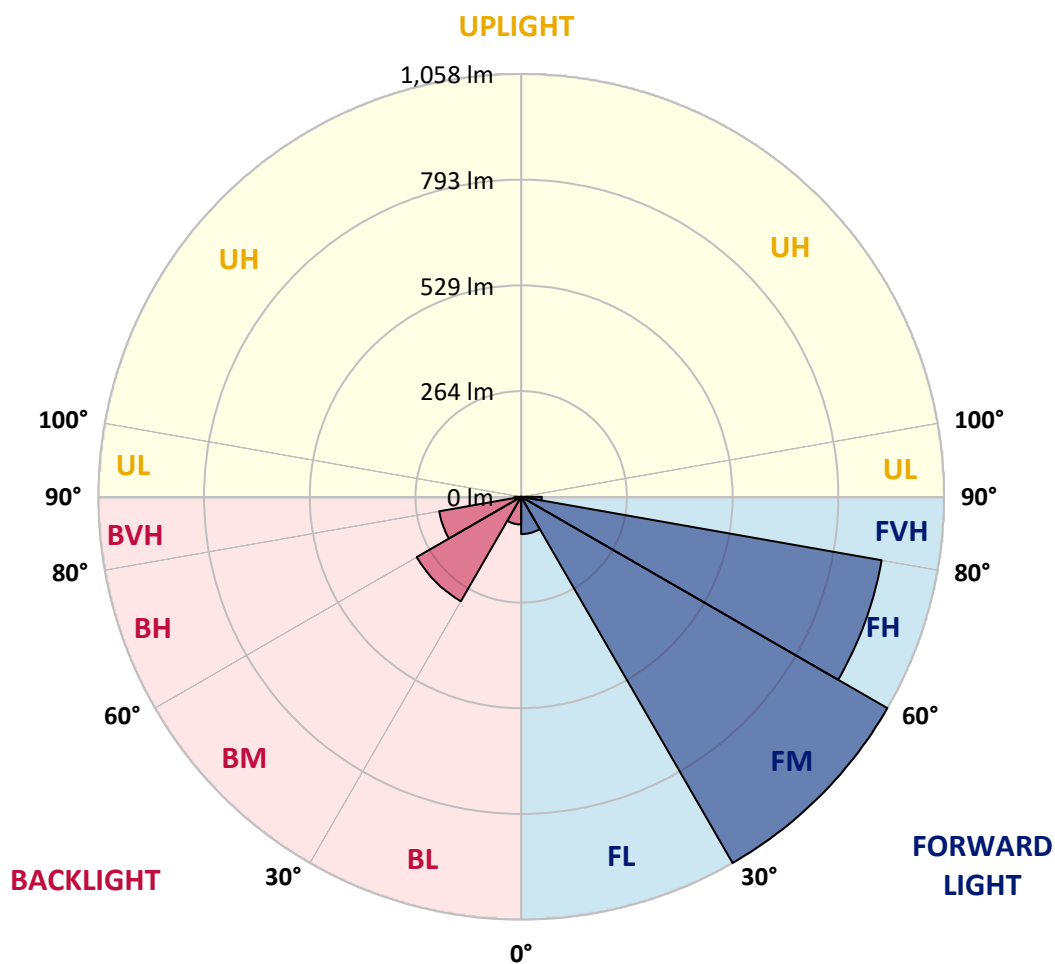
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	93.3	3.4			
FM	(30°-60°)	1057.9	39.0			
FH	(60°-80°)	915.8	33.7			G1/1800
FVH	(80°-90°)	51.5	1.9			G1/100
BL	(0°-30°)	69.3	2.6	B0/110		
BM	(30°-60°)	301.5	11.1	B1/1000		
BH	(60°-80°)	208.5	7.7	B1/500		G1/500
BVH	(80°-90°)	17.1	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
2.5°	79.5	79.0	80.0	80.0	80.0	79.0	70.8	60.5	60.0	58.5	56.9
5°	65.7	65.7	65.7	66.2	66.7	67.7	71.8	77.0	79.5	80.0	80.5
7.5°	95.9	97.0	97.0	97.0	80.5	69.3	68.7	69.8	68.7	67.7	66.2
10°	98.5	99.0	99.0	100.0	100.6	99.0	84.7	95.9	95.9	96.5	97.0
12.5°	134.9	136.0	135.4	130.8	106.7	130.8	137.0	128.3	119.5	110.3	104.7
15°	143.1	145.2	141.1	137.0	163.2	153.4	144.7	166.7	166.7	168.3	172.9
17.5°	184.7	185.2	182.1	177.0	169.3	173.4	177.0	176.5	179.6	182.1	180.6
20°	221.6	217.0	190.9	204.7	202.1	200.6	201.1	219.1	220.6	221.6	226.3
22.5°	234.0	234.0	223.2	234.5	223.7	226.3	246.8	270.9	269.9	265.8	259.6
25°	285.3	286.3	261.7	242.7	247.8	254.0	266.3	303.2	298.6	303.7	306.3
27.5°	308.3	310.4	288.3	283.2	258.1	285.8	329.4	339.6	343.2	349.4	349.4
30°	370.4	371.5	357.1	316.6	307.8	311.4	356.1	370.9	376.1	382.7	407.9
32.5°	464.3	464.8	430.5	363.2	346.3	359.6	412.5	429.4	439.2	429.9	440.7
35°	614.1	609.5	545.4	491.0	448.9	415.6	467.9	527.4	521.3	522.8	527.9
37.5°	713.7	719.8	699.8	637.7	608.5	562.3	593.6	601.3	589.5	598.7	601.8
40°	792.7	801.4	793.2	762.4	734.2	713.7	751.6	724.9	708.0	709.6	697.8
42.5°	822.4	832.2	840.4	858.3	851.2	873.2	926.1	887.6	884.5	869.6	840.9
45°	842.9	852.2	878.9	914.8	926.1	984.0	1075.4	1060.0	1071.3	1038.9	1021.5
47.5°	847.1	855.8	886.0	942.5	973.8	1057.9	1199.0	1214.4	1223.1	1205.7	1201.6
50°	811.1	818.3	850.6	917.9	963.5	1090.2	1281.1	1337.5	1345.2	1349.8	1353.4
52.5°	755.2	763.9	794.2	851.2	909.1	1075.4	1325.7	1434.5	1443.7	1463.7	1487.9
55°	733.2	740.3	759.3	805.5	849.6	1014.3	1348.3	1516.6	1531.5	1566.3	1607.9
57.5°	730.1	737.3	754.2	769.6	818.3	943.0	1358.1	1609.4	1655.6	1712.1	1779.3
60°	756.8	759.8	767.5	768.0	790.6	888.6	1328.3	1723.9	1816.2	1898.8	2004.5
62.5°	774.7	777.3	789.1	810.6	804.5	834.2	1227.7	1798.2	1935.7	2057.9	2194.8
64°	748.5	748.5	762.4	789.1	845.0	811.1	1125.6	1795.7	1946.5	2077.4	2233.3
65°	718.8	718.3	731.1	752.6	838.3	807.5	1051.8	1752.6	1908.6	2039.9	2208.7
67.5°	583.9	563.8	575.6	602.8	707.0	815.8	868.1	1474.5	1634.6	1793.1	1987.6
70°	302.2	313.0	319.1	364.3	488.9	701.9	728.5	1042.0	1224.1	1382.2	1650.5
72.5°	127.8	119.5	134.4	166.2	257.0	497.1	670.0	723.9	818.8	944.5	1229.3
75°	69.3	69.8	72.9	82.6	133.9	274.5	617.7	637.7	646.4	667.0	818.8
77.5°	51.3	51.3	52.8	52.8	69.8	142.6	492.5	602.8	604.4	591.0	625.9
80°	38.5	40.5	43.1	41.0	43.6	81.1	288.3	547.4	570.5	575.1	603.9
82.5°	31.8	32.8	38.5	36.9	34.4	48.7	135.4	414.5	479.2	517.2	588.0
85°	21.5	23.1	34.9	33.9	31.3	32.8	78.5	134.4	162.1	187.3	238.6
87.5°	8.7	11.3	22.6	20.5	21.5	18.5	48.2	70.8	78.0	88.8	110.3
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
2.5°	55.9	54.9	54.4	53.4	52.8	52.3	52.8	51.8	51.3	51.8	50.8
5°	80.0	80.0	79.5	78.5	78.0	77.0	76.4	72.3	67.7	65.2	61.1
7.5°	66.7	66.7	67.7	70.3	72.9	75.4	77.0	77.5	77.0	77.5	77.5
10°	97.0	98.5	98.5	99.5	99.5	100.0	100.6	101.6	102.6	108.8	113.4
12.5°	104.1	104.7	104.7	105.2	107.2	109.3	109.3	110.8	109.8	109.3	108.3
15°	170.3	167.8	156.0	154.4	153.9	152.4	148.3	146.7	146.7	147.8	147.2
17.5°	182.1	183.7	181.6	179.1	176.5	170.8	161.1	162.1	161.1	162.1	164.2
20°	227.8	223.2	226.3	237.5	245.2	247.8	250.4	251.9	246.8	239.1	238.1
22.5°	257.0	254.5	260.6	262.7	263.2	268.3	269.4	272.9	286.8	284.2	286.8
25°	306.8	333.5	334.0	335.5	338.1	341.2	339.1	343.7	342.7	346.8	346.8
27.5°	357.1	355.0	357.1	359.1	356.6	355.0	360.2	360.2	369.9	364.3	365.3
30°	405.3	406.9	411.5	415.6	418.7	417.1	417.6	424.8	419.7	423.8	429.9
32.5°	439.2	445.3	456.6	459.7	488.9	484.3	497.1	503.3	508.4	516.6	524.3
35°	536.1	540.8	546.9	546.9	543.8	551.5	557.2	561.3	566.4	579.2	575.1
37.5°	603.4	603.9	605.9	592.6	601.3	604.9	604.9	613.6	622.8	623.4	614.1
40°	692.6	680.3	675.2	663.4	674.2	659.3	670.6	668.5	675.2	667.0	672.1
42.5°	827.6	809.1	780.4	776.2	767.0	758.8	749.1	757.3	742.9	749.1	765.0
45°	998.9	949.7	936.8	923.5	885.5	879.4	874.8	855.8	837.3	857.3	884.5
47.5°	1178.0	1123.6	1106.1	1081.0	1055.9	1023.5	1004.6	965.1	955.8	981.0	998.9
50°	1328.8	1287.2	1290.3	1254.9	1223.6	1202.6	1150.3	1110.8	1108.7	1117.4	1108.7
52.5°	1461.2	1452.5	1454.0	1431.9	1410.9	1384.7	1321.6	1298.0	1282.1	1268.8	1233.4
55°	1593.0	1621.8	1619.2	1636.1	1631.5	1612.5	1567.9	1573.0	1566.9	1523.3	1487.9
57.5°	1811.1	1855.2	1882.9	1907.5	1959.9	1954.2	1945.5	2024.0	2020.9	1979.4	1995.8
60°	2096.3	2144.0	2214.3	2277.4	2335.9	2351.8	2401.6	2509.3	2500.1	2504.7	2559.1
62.5°	2311.8	2371.8	2446.7	2520.6	2519.6	2561.2	2661.2	2715.6	2705.3	2779.2	2822.3
64°	2338.0	2401.6	2456.0	2511.4	2503.7	2545.8	2641.2	2667.4	2667.9	2757.7	2786.9
65°	2299.5	2367.2	2406.7	2455.5	2446.2	2492.4	2587.3	2586.3	2601.2	2692.5	2718.2
67.5°	2063.5	2155.3	2187.7	2205.6	2215.9	2285.1	2337.0	2315.4	2379.5	2417.0	2479.1
70°	1740.3	1842.9	1899.3	1907.0	1942.9	2012.7	2050.7	2010.1	2089.2	2064.0	2172.3
72.5°	1372.4	1468.4	1553.0	1562.2	1623.3	1659.2	1655.6	1656.1	1668.4	1628.9	1719.2
75°	953.3	1026.6	1091.3	1099.5	1131.8	1100.0	1076.4	1029.7	975.8	930.2	924.5
77.5°	649.0	673.1	667.0	642.9	616.7	575.1	542.3	533.1	498.7	484.3	454.6
80°	601.3	609.5	597.7	596.2	576.7	530.5	506.9	467.9	462.8	445.8	424.8
82.5°	601.3	605.4	607.5	619.3	593.1	557.7	517.2	459.2	439.2	394.0	366.8
85°	285.3	302.7	331.9	357.6	356.6	346.8	302.2	278.6	236.5	202.7	171.9
87.5°	127.2	141.6	158.0	164.2	169.8	164.2	148.8	134.4	110.3	86.2	71.3
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
2.5°	50.8	50.8	50.8	50.8	50.3	50.3	50.3	50.3	50.3	49.8	49.8
5°	56.9	55.9	53.9	53.9	52.8	52.3	52.3	51.8	51.8	51.3	51.3
7.5°	77.0	76.4	74.9	68.7	59.5	55.9	52.8	52.8	52.3	52.8	53.9
10°	115.4	115.4	114.4	112.9	112.4	110.3	100.0	91.3	85.7	84.7	83.6
12.5°	109.8	112.4	119.0	122.6	122.6	122.1	121.1	118.0	103.6	94.9	92.9
15°	147.8	148.8	149.3	151.4	157.5	158.5	157.5	158.5	157.5	147.8	134.4
17.5°	166.2	162.6	162.6	164.2	170.3	167.3	173.4	191.9	195.5	180.1	181.6
20°	236.0	236.0	237.0	233.4	236.0	240.6	241.1	243.2	247.3	246.3	240.1
22.5°	280.1	276.5	285.3	289.4	290.9	290.4	289.9	288.8	290.9	294.0	291.4
25°	340.7	343.7	344.3	342.2	337.6	335.5	339.1	342.7	353.5	360.2	355.5
27.5°	376.6	385.8	409.4	404.3	401.2	404.8	407.4	416.1	412.5	409.9	417.1
30°	438.7	437.1	432.0	436.6	442.8	450.5	448.4	442.3	439.2	446.4	444.3
32.5°	521.8	515.6	525.4	539.2	549.0	540.8	535.1	542.3	542.3	534.6	543.3
35°	567.9	579.2	594.1	603.4	596.7	596.7	602.3	598.7	601.3	610.0	615.2
37.5°	623.9	642.3	651.6	642.3	644.4	656.7	657.2	662.4	667.5	677.2	691.6
40°	695.2	704.4	697.8	697.2	712.6	716.7	726.0	743.9	751.6	765.5	771.6
42.5°	783.4	786.0	787.0	805.5	808.1	812.7	836.3	852.7	872.7	878.3	870.7
45°	892.7	891.2	914.3	927.1	930.2	962.5	971.7	984.0	997.4	985.6	1005.1
47.5°	992.2	1017.4	1047.1	1048.2	1074.3	1095.4	1103.6	1114.9	1104.1	1116.4	1102.0
50°	1109.7	1154.9	1150.3	1187.7	1208.2	1212.3	1229.3	1212.9	1214.9	1203.1	1199.0
52.5°	1256.5	1275.4	1273.4	1325.7	1329.3	1343.7	1331.4	1321.6	1320.1	1304.7	1293.4
55°	1511.5	1486.3	1513.0	1532.5	1542.7	1548.4	1509.4	1526.3	1487.3	1486.8	1460.1
57.5°	1981.4	1976.8	1993.7	1972.2	1999.9	1956.3	1953.7	1919.3	1895.2	1894.7	1879.3
60°	2547.3	2619.1	2635.6	2615.0	2562.2	2541.7	2508.3	2479.1	2436.5	2440.1	2408.3
62.5°	2866.4	2965.4	2991.6	3004.9	2936.7	2905.9	2829.5	2780.7	2715.1	2694.0	2642.7
64°	2872.1	2971.1	3019.3	3039.8	3005.5	2957.2	2884.9	2811.5	2744.8	2689.9	2643.2
65°	2829.5	2914.7	2980.3	3000.8	2998.3	2934.7	2874.6	2787.9	2726.4	2650.4	2602.7
67.5°	2600.2	2675.6	2761.2	2795.1	2830.0	2807.9	2756.6	2672.5	2598.6	2507.3	2440.6
70°	2245.1	2310.8	2387.2	2436.5	2474.5	2492.9	2448.8	2384.2	2328.2	2221.0	2142.5
72.5°	1753.6	1764.4	1779.8	1781.8	1767.0	1759.8	1720.3	1724.9	1622.3	1557.1	1512.0
75°	871.2	835.2	748.0	715.7	641.8	598.2	547.9	527.9	475.6	460.7	420.7
77.5°	399.2	349.4	288.3	240.1	200.6	173.4	147.8	129.8	114.9	109.3	101.1
80°	390.9	351.4	304.2	268.8	227.3	189.8	154.4	121.1	97.5	83.1	73.9
82.5°	333.0	286.8	255.0	234.0	207.8	181.6	148.8	120.1	92.3	71.3	58.0
85°	136.5	111.3	94.4	85.7	76.4	67.2	58.0	49.8	44.6	38.0	34.4
87.5°	58.5	51.3	47.2	46.7	44.6	43.1	41.6	39.5	34.9	32.3	29.2
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):

	87°	88°	89°	90°	91°	92°	93°	94°	95°	96°	97°
0°	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
2.5°	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
5°	51.3	51.3	50.8	50.8	50.8	50.8	51.3	50.8	50.8	50.8	50.8
7.5°	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.9	54.4	54.4	54.9
10°	83.1	82.6	80.5	80.0	79.0	79.0	79.0	79.5	81.6	82.6	83.6
12.5°	90.8	91.8	92.9	90.8	91.8	89.3	90.8	91.8	91.3	91.8	90.8
15°	135.4	135.4	134.9	134.4	132.9	131.3	130.8	130.8	129.8	128.8	129.8
17.5°	179.6	179.6	177.0	175.0	175.0	164.2	171.9	169.3	170.8	163.7	183.2
20°	225.2	224.2	225.7	229.3	230.9	228.3	224.7	220.6	219.6	226.3	234.5
22.5°	290.9	288.8	283.2	276.0	275.0	274.5	281.2	281.2	281.7	284.7	289.9
25°	348.4	337.1	332.5	337.6	339.1	331.9	331.9	334.5	348.4	353.5	354.0
27.5°	418.7	415.1	412.0	405.8	403.3	413.5	419.2	413.0	411.0	418.7	418.7
30°	447.4	455.6	455.1	461.2	465.9	453.0	446.4	462.8	461.2	449.4	456.1
32.5°	552.6	556.7	562.3	570.0	564.4	572.6	563.8	557.2	567.9	565.9	558.2
35°	614.6	625.9	625.9	626.4	641.8	638.8	635.2	633.1	624.9	630.5	634.1
37.5°	690.6	683.4	689.5	697.2	700.3	703.9	704.9	707.5	696.7	689.5	679.3
40°	765.0	773.7	766.0	768.0	774.2	773.2	777.3	782.9	767.5	756.8	742.4
42.5°	876.8	873.7	871.7	868.6	861.4	868.6	861.4	845.0	848.6	832.7	812.2
45°	994.3	988.1	988.7	978.9	971.7	952.2	946.6	942.0	922.5	910.7	878.3
47.5°	1103.1	1098.4	1082.0	1085.6	1063.6	1040.5	1026.1	1018.9	992.2	960.4	940.9
50°	1196.4	1184.1	1184.6	1161.0	1145.1	1127.2	1104.6	1076.9	1047.7	1017.9	975.8
52.5°	1281.1	1280.1	1265.2	1248.8	1225.2	1215.4	1176.9	1137.4	1102.0	1066.6	1019.4
55°	1477.6	1459.6	1428.3	1420.1	1408.8	1349.8	1321.1	1272.9	1218.0	1174.9	1111.8
57.5°	1883.9	1860.3	1823.4	1819.8	1750.5	1703.3	1637.2	1580.7	1505.8	1432.4	1339.6
60°	2368.8	2333.9	2336.4	2283.1	2224.1	2167.6	2085.0	2005.0	1901.4	1775.7	1620.2
62.5°	2596.6	2562.7	2533.5	2472.9	2410.3	2348.2	2280.0	2172.8	2072.7	1926.0	1733.1
64°	2588.9	2547.3	2502.7	2441.6	2385.2	2312.8	2243.6	2146.1	2033.2	1897.3	1693.6
65°	2551.4	2505.2	2447.8	2389.3	2321.6	2254.4	2186.1	2097.9	1973.2	1841.3	1636.1
67.5°	2374.9	2315.4	2253.8	2197.4	2126.1	2059.4	1998.3	1918.8	1789.5	1647.9	1463.7
70°	2084.5	2011.2	1943.4	1907.0	1855.2	1795.7	1721.8	1655.1	1535.6	1395.0	1227.7
72.5°	1431.4	1346.8	1299.6	1315.0	1263.1	1244.7	1227.2	1174.9	1070.2	969.2	861.9
75°	447.9	414.0	391.5	419.2	400.2	431.0	421.2	412.0	384.3	372.5	335.0
77.5°	101.6	97.0	94.9	93.9	94.4	93.9	92.3	91.8	90.3	91.3	88.8
80°	70.3	67.2	66.2	64.6	63.6	62.1	60.5	60.0	59.5	58.5	58.0
82.5°	50.8	46.7	46.2	45.1	44.6	43.6	43.1	44.1	43.6	45.1	45.1
85°	32.8	30.8	29.8	30.3	29.8	30.8	31.3	32.3	33.9	35.4	38.0
87.5°	27.2	25.7	25.7	26.2	27.2	28.2	30.8	33.9	36.4	40.5	45.1
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):

	98°	99°	100°	101°	102°	103°	104°	105°	115°	125°	135°
0°	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
2.5°	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	50.8	51.3	53.9
5°	50.8	51.3	50.8	51.3	51.3	51.3	51.8	51.8	65.2	79.0	55.4
7.5°	54.4	54.9	54.4	53.9	53.4	52.8	55.4	58.0	72.9	51.8	50.8
10°	84.1	84.7	85.2	90.3	98.0	108.8	110.8	110.8	80.5	70.3	79.0
12.5°	90.8	94.4	109.8	115.4	115.4	115.4	114.4	108.3	85.2	111.3	110.8
15°	139.0	150.3	150.8	151.4	150.8	141.1	131.9	129.3	132.9	119.5	113.9
17.5°	178.0	157.5	171.9	143.7	135.4	137.5	139.6	142.6	162.1	151.4	140.1
20°	238.6	239.1	224.7	219.6	216.0	215.5	216.5	218.6	206.2	169.8	156.5
22.5°	284.7	277.0	279.6	283.2	280.1	272.9	269.9	266.3	244.2	224.2	165.2
25°	342.2	340.7	337.1	336.6	344.3	348.9	345.3	340.2	305.3	225.2	176.5
27.5°	417.6	420.7	419.7	408.9	403.8	411.0	403.8	388.4	342.2	279.6	182.1
30°	456.6	463.8	467.4	466.9	454.6	454.6	451.0	461.2	376.6	272.4	186.8
32.5°	562.3	562.8	561.3	561.8	559.7	542.3	524.3	514.6	371.5	278.6	178.0
35°	620.3	615.7	616.7	606.4	594.1	581.3	562.3	538.7	397.6	255.5	157.0
37.5°	682.9	665.9	648.0	639.3	621.3	605.9	591.5	563.3	384.8	236.5	134.4
40°	726.5	721.4	687.5	665.4	653.1	629.0	604.4	586.4	360.7	196.5	113.9
42.5°	778.3	756.2	740.3	697.2	669.5	650.6	615.7	582.8	322.7	159.0	99.0
45°	842.9	800.4	766.0	738.3	680.3	644.4	611.6	572.1	274.5	129.8	89.8
47.5°	894.8	848.6	789.6	740.8	693.1	622.3	584.9	539.2	228.8	111.8	83.6
50°	938.9	873.7	807.0	731.6	670.0	596.7	536.7	500.2	188.8	97.5	76.4
52.5°	965.6	893.2	811.1	720.8	634.1	566.4	500.2	448.4	158.5	87.2	69.3
55°	1022.5	942.5	836.8	728.5	624.4	541.8	481.2	417.6	140.6	78.0	63.6
57.5°	1214.4	1078.4	947.1	803.4	676.7	570.5	497.7	428.9	130.8	71.3	59.0
60°	1458.1	1273.4	1086.1	901.4	745.0	617.2	517.7	445.8	120.6	67.2	56.4
62.5°	1537.1	1323.2	1108.2	919.4	740.3	603.4	500.2	421.2	105.7	64.1	55.9
64°	1483.7	1267.8	1059.5	867.6	697.8	562.3	462.8	381.7	95.4	63.1	58.0
65°	1422.7	1209.8	1013.8	826.5	660.8	526.4	428.4	353.0	88.8	62.6	60.0
67.5°	1246.2	1049.7	861.4	686.0	541.8	425.8	331.9	265.2	74.4	64.1	67.2
70°	1046.6	847.6	690.6	534.6	411.5	313.0	235.0	181.6	64.6	68.2	72.9
72.5°	742.4	577.2	475.6	359.1	271.4	198.0	149.8	114.4	56.9	66.2	67.7
75°	294.0	246.3	197.0	153.4	125.2	102.6	86.2	70.3	51.3	59.0	53.4
77.5°	82.6	77.5	71.8	64.6	60.5	56.9	53.4	50.8	46.2	49.8	40.0
80°	55.4	53.4	51.8	50.3	49.3	47.7	46.7	46.2	42.6	41.6	29.8
82.5°	44.6	44.6	45.1	45.1	45.7	46.2	46.2	46.2	41.6	36.9	24.6
85°	40.5	43.1	46.2	49.8	52.3	53.4	53.9	52.8	39.5	31.8	19.5
87.5°	50.3	55.9	61.6	66.7	67.7	69.8	66.7	65.2	31.8	25.7	12.3
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):

	145°	155°	165°	175°	180°
0°	49.8	49.8	49.8	49.8	49.8
2.5°	60.0	76.4	80.0	80.0	78.5
5°	51.3	50.8	49.3	49.3	49.3
7.5°	51.3	69.3	78.0	79.5	78.5
10°	78.5	81.1	80.5	79.0	78.5
12.5°	81.6	88.8	104.7	103.1	103.6
15°	133.4	101.1	99.5	96.5	96.5
17.5°	127.2	108.8	113.9	111.8	111.8
20°	140.6	126.7	107.2	106.7	104.1
22.5°	145.7	133.4	116.5	111.8	111.8
25°	149.8	123.1	107.7	114.4	114.4
27.5°	138.0	124.2	104.7	100.0	99.5
30°	141.1	112.4	104.1	98.5	98.0
32.5°	128.8	103.6	93.9	97.5	97.5
35°	114.9	98.0	91.8	92.9	92.9
37.5°	103.6	91.8	92.3	93.9	93.9
40°	93.4	88.8	93.4	95.4	94.9
42.5°	86.7	85.2	87.2	89.3	88.8
45°	80.5	79.5	81.6	82.6	82.1
47.5°	75.4	75.4	75.9	76.4	76.4
50°	70.3	71.3	71.3	71.3	70.8
52.5°	65.7	65.7	66.7	66.2	66.2
55°	61.1	61.6	63.1	62.1	61.6
57.5°	56.9	59.0	59.0	58.0	57.5
60°	54.9	56.9	55.9	53.9	53.4
62.5°	55.9	55.4	53.4	50.8	50.3
64°	57.5	55.4	52.3	49.3	49.3
65°	59.0	55.4	51.8	48.2	48.2
67.5°	65.2	58.5	54.9	47.7	46.7
70°	68.7	63.1	59.0	47.7	45.7
72.5°	62.6	59.5	59.0	46.7	44.1
75°	48.2	50.3	52.8	43.6	41.6
77.5°	36.9	42.6	49.3	38.0	34.9
80°	29.8	40.5	51.3	31.8	26.7
82.5°	25.7	48.7	52.8	26.2	22.1
85°	21.0	54.9	51.8	22.6	15.9
87.5°	15.4	26.2	34.9	20.5	12.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)