

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: P179243

Luminaire Tested: **UTLD-F02-LED-E-U-SL2-HSS-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P179243
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P34324)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: UTLD-F02-LED-E-U-SL2-HSS-8030
Description: TRADITIONAIRE LED DOWNLIGHT LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND
HOUSE SIDE SHIELD
Light Source: (14) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2263.1 lumens
Efficiency: N/A
Efficacy: 41.1 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

Input Watts (W): 55
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



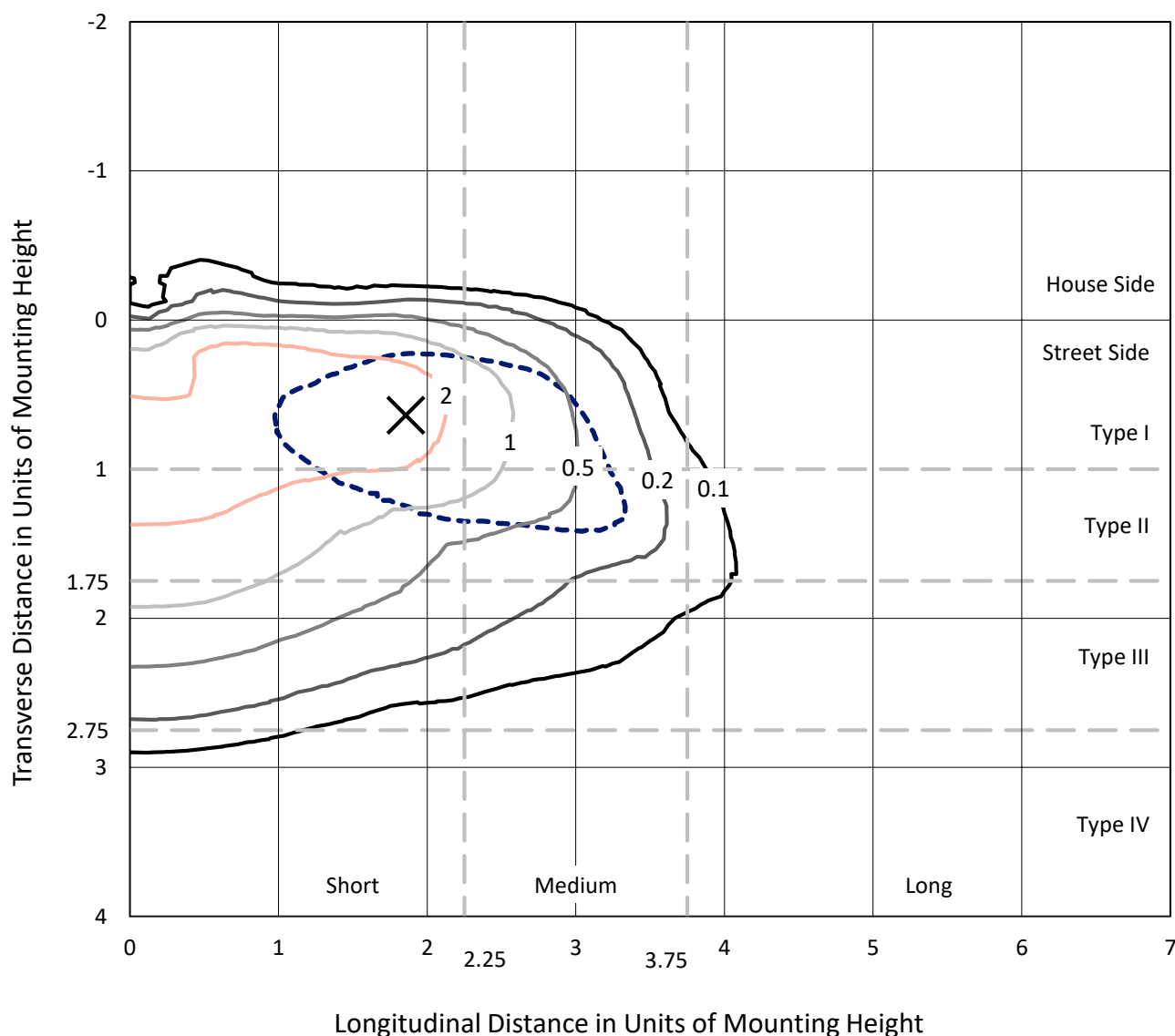
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

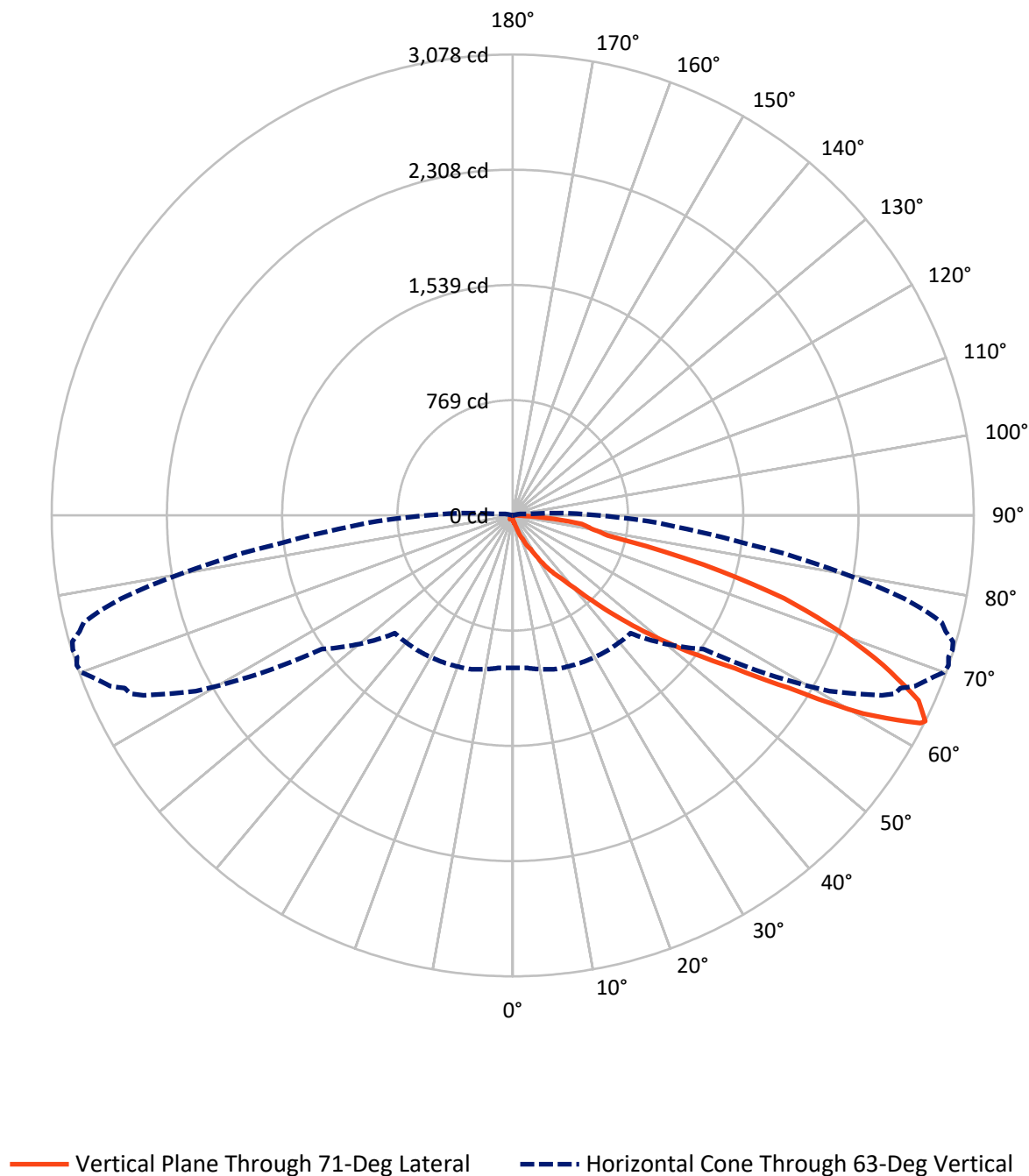


Based on 10 foot mounting height. Maximum calculated value = 4.4 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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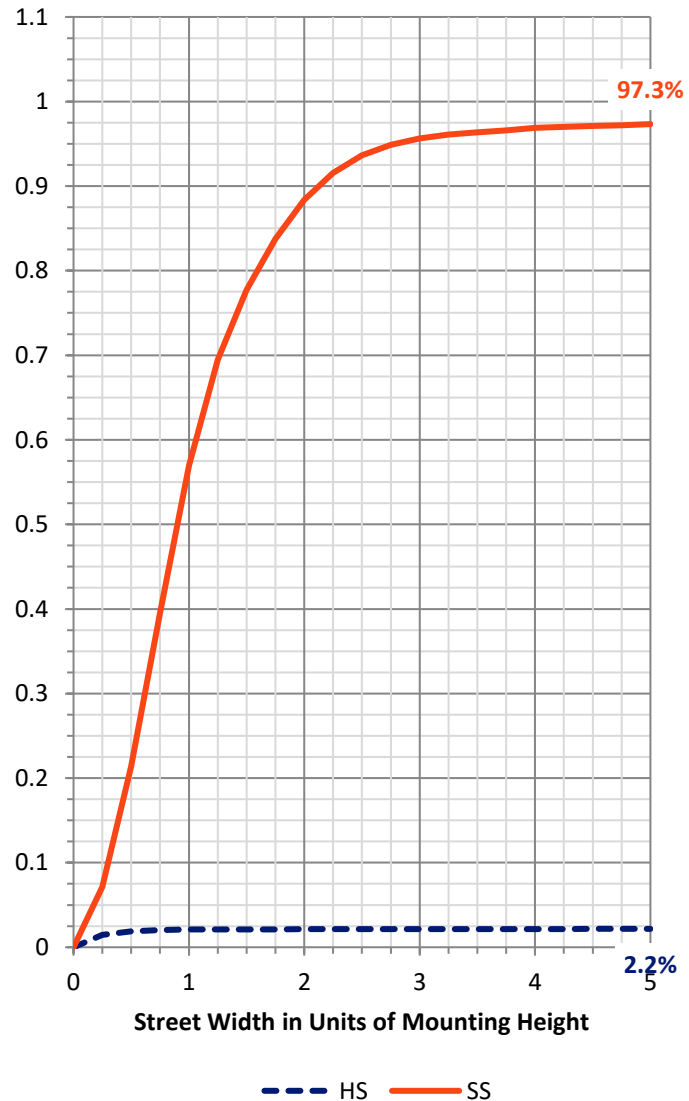
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	50.2	0.0	50.2
	% Fixture	2.2	0.0	2.2
Street Side	Lumens	2212.9	0.0	2212.9
	% Fixture	97.8	0.0	97.8
Total	Lumens	2263.1	0.0	2263.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.2	0.1
10°-20°	17.9	0.8
20°-30°	54.9	2.4
30°-40°	169.3	7.5
40°-50°	402.2	17.8
50°-60°	581.0	25.7
60°-70°	719.0	31.8
70°-80°	273.0	12.1
80°-90°	42.6	1.9
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°	2263.1	100.0
0°-180°	2263.1	100.0

Coefficient of Utilization



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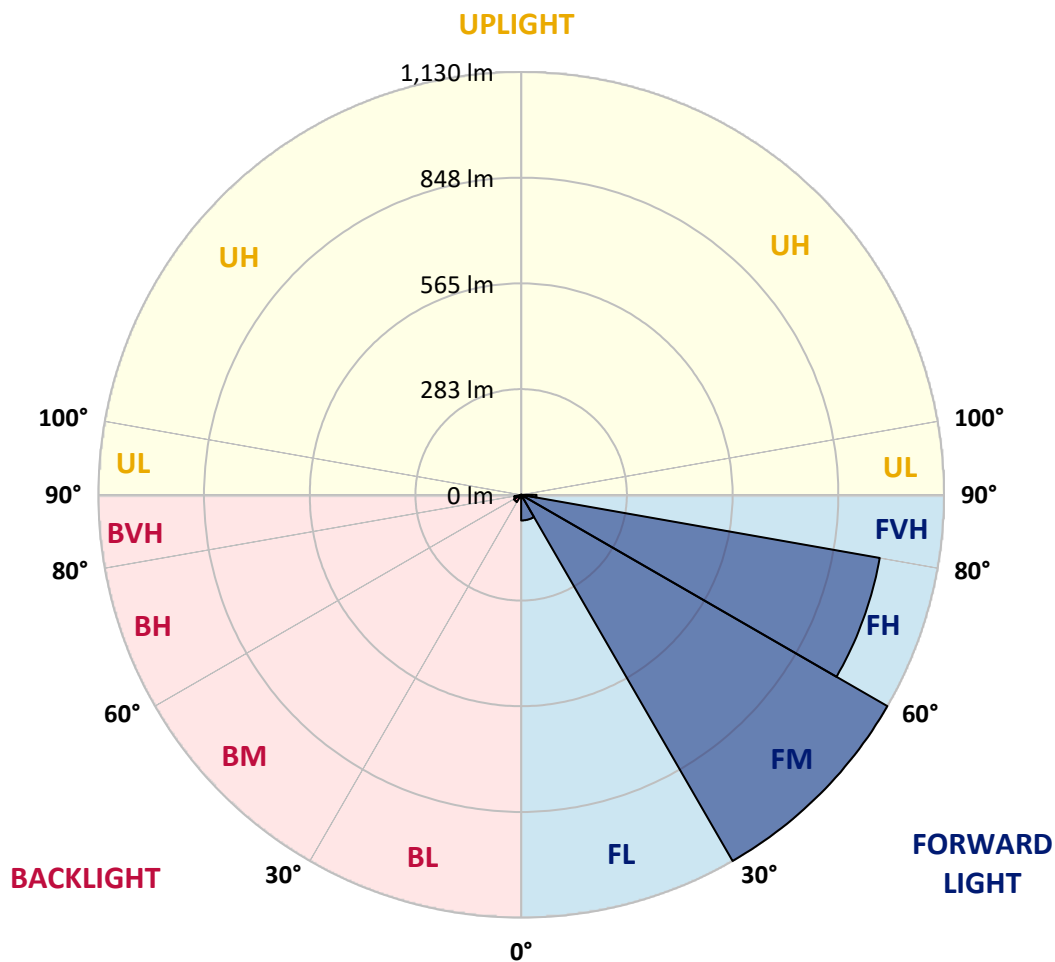
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	68.6	3.0			
FM	(30°-60°)	1130.1	49.9			
FH	(60°-80°)	973.1	43.0			G1/1800
FVH	(80°-90°)	41.1	1.8			G1/100
BL	(0°-30°)	7.5	0.3	B0/110		
BM	(30°-60°)	22.3	1.0	B0/220		
BH	(60°-80°)	18.9	0.8	B0/110		G0/110
BVH	(80°-90°)	1.5	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-G1

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
2.5°	43.2	42.5	41.1	41.1	40.4	40.4	39.7	39.0	39.0	39.0	38.3
5°	50.9	50.2	48.1	46.0	46.0	44.6	41.8	41.1	40.4	39.7	39.7
7.5°	82.9	82.2	80.8	78.7	75.2	51.6	46.0	45.3	44.6	43.9	43.2
10°	92.7	92.7	92.0	89.2	85.7	80.1	73.2	53.0	51.6	52.3	54.3
12.5°	124.7	121.2	123.3	119.8	101.0	94.8	96.8	89.9	88.5	87.8	68.3
15°	133.1	129.6	123.3	124.0	126.8	134.5	109.4	103.1	99.6	97.5	97.5
17.5°	146.3	146.3	147.0	147.0	141.4	144.2	142.1	126.1	125.4	122.6	121.9
20°	179.8	178.4	158.9	149.8	165.1	168.6	169.3	145.6	140.7	140.0	144.2
22.5°	190.2	188.8	185.3	188.8	169.3	190.2	218.8	218.1	212.5	209.7	192.3
25°	242.5	240.4	227.8	195.1	208.3	209.0	236.9	239.0	237.6	242.5	257.1
27.5°	280.1	282.9	254.3	233.4	219.5	249.4	301.7	308.0	308.0	301.0	301.7
30°	356.7	355.3	324.0	271.0	264.8	268.2	332.3	353.9	372.1	360.9	373.5
32.5°	512.8	505.8	457.8	360.9	317.0	331.6	398.5	424.3	420.1	413.9	425.0
35°	738.5	733.7	634.7	542.1	455.7	421.5	471.0	514.2	505.1	525.3	533.0
37.5°	897.4	884.9	842.4	749.0	664.7	608.3	629.2	612.4	610.3	624.3	622.9
40°	1014.4	1015.1	1000.5	924.6	863.3	831.9	834.7	772.7	768.5	773.4	763.6
42.5°	1071.6	1076.5	1088.3	1050.7	1025.6	1029.1	1056.9	1004.7	1002.6	990.1	952.4
45°	1106.4	1112.7	1148.9	1161.5	1153.8	1188.6	1264.6	1222.1	1225.6	1236.7	1183.1
47.5°	1110.6	1119.7	1167.0	1204.7	1235.3	1305.7	1422.0	1431.8	1442.2	1451.3	1411.6
50°	1069.5	1073.0	1132.9	1187.2	1232.5	1364.9	1541.9	1602.5	1621.3	1621.3	1587.9
52.5°	994.9	999.8	1056.9	1116.2	1159.4	1362.1	1619.2	1729.3	1771.1	1772.5	1724.4
55°	962.9	968.5	1011.7	1063.9	1085.5	1294.5	1666.6	1844.3	1888.2	1895.8	1867.3
57.5°	962.9	969.2	1004.0	1034.7	1045.8	1215.8	1695.2	1978.7	2028.2	2075.6	2074.2
60°	1006.1	1013.1	1040.9	1038.8	1028.4	1160.1	1682.6	2143.2	2223.3	2302.7	2394.0
62.5°	1031.2	1034.7	1073.0	1084.1	1082.0	1119.0	1584.4	2265.8	2389.8	2505.5	2703.3
63°	1017.2	1021.4	1063.9	1084.1	1102.2	1112.7	1557.2	2279.0	2419.1	2521.5	2741.0
65°	942.0	942.7	988.0	1013.1	1135.7	1112.0	1411.6	2253.2	2424.6	2526.4	2770.9
67.5°	746.2	750.4	781.7	824.2	937.8	1128.7	1213.0	1957.8	2131.3	2212.8	2485.3
70°	393.0	410.4	436.2	492.6	648.0	958.7	1015.1	1442.2	1610.2	1731.4	2044.2
72.5°	119.1	110.8	144.2	211.1	329.6	663.3	890.4	1018.6	1115.5	1236.0	1569.0
75°	53.6	55.0	62.7	89.9	144.2	356.0	778.3	836.8	850.0	891.1	1093.2
77.5°	30.7	31.4	36.9	50.9	75.2	177.7	589.4	750.4	739.9	754.6	791.5
80°	20.2	20.9	26.5	36.2	41.8	87.1	334.4	585.3	619.4	657.0	684.2
82.5°	11.1	11.1	16.7	29.3	27.2	41.8	131.7	383.2	444.5	483.5	565.1
85°	4.9	5.6	9.8	19.5	16.7	19.5	63.4	130.3	149.1	156.8	195.1
87.5°	1.4	1.4	2.8	7.0	7.0	9.1	18.8	58.5	62.0	66.9	81.5
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
2.5°	38.3	38.3	36.9	36.2	34.1	34.1	32.7	33.4	31.4	30.7	29.3
5°	39.0	39.0	39.0	39.0	38.3	38.3	38.3	38.3	38.3	38.3	37.6
7.5°	42.5	42.5	42.5	42.5	41.8	41.1	39.7	39.7	39.0	39.0	39.0
10°	54.3	53.6	52.3	51.6	50.9	50.2	48.8	49.5	48.1	48.8	47.4
12.5°	64.8	63.4	61.3	59.2	58.5	57.8	56.4	55.7	55.0	56.4	55.7
15°	101.0	100.3	101.0	97.5	79.4	78.7	79.4	78.0	76.6	74.6	71.8
17.5°	120.5	118.4	111.5	108.7	109.4	107.3	101.7	90.6	84.3	81.5	80.1
20°	154.7	155.4	156.8	156.8	154.0	150.5	147.0	146.3	142.1	127.5	121.9
22.5°	185.3	185.3	181.8	178.4	174.2	174.9	170.0	158.9	155.4	151.2	149.1
25°	266.2	262.0	252.2	248.7	245.3	236.2	224.3	218.1	216.0	213.2	204.1
27.5°	301.0	295.4	293.3	289.1	276.6	262.0	257.1	253.6	257.1	240.4	228.5
30°	364.4	363.7	361.6	352.5	337.2	325.4	326.1	322.6	299.6	282.2	271.0
32.5°	429.2	424.3	441.0	424.3	410.4	415.3	409.0	387.4	371.4	353.2	351.2
35°	530.9	530.9	517.0	498.9	501.0	504.4	474.5	452.2	441.7	434.1	418.7
37.5°	624.3	620.1	594.3	584.6	595.7	576.2	542.8	528.1	524.6	511.4	487.0
40°	751.1	726.0	706.5	704.4	703.0	657.7	638.9	640.3	622.2	595.7	567.8
42.5°	925.3	884.9	870.2	871.6	821.5	785.2	778.3	760.8	737.1	707.2	682.1
45°	1125.9	1086.9	1087.6	1043.7	980.3	949.0	942.0	914.8	885.6	850.7	814.5
47.5°	1344.0	1316.1	1330.1	1242.3	1186.5	1168.4	1123.8	1081.3	1047.2	1004.7	959.4
50°	1540.5	1555.1	1524.5	1447.8	1407.4	1383.0	1330.8	1277.8	1233.9	1169.1	1107.8
52.5°	1724.4	1752.3	1704.2	1633.8	1639.4	1592.7	1552.3	1498.7	1440.2	1363.5	1298.7
55°	1908.4	1914.6	1874.9	1851.9	1850.5	1820.6	1802.5	1764.1	1685.4	1608.1	1578.8
57.5°	2140.4	2132.7	2104.8	2141.1	2143.9	2153.6	2173.1	2133.4	2109.7	2053.3	2008.0
60°	2475.5	2469.2	2481.8	2588.4	2610.0	2674.8	2688.7	2690.1	2669.9	2688.0	2577.9
62.5°	2771.6	2796.7	2878.2	2927.7	2978.5	3041.3	3055.2	3029.4	3042.6	3044.0	2958.3
63°	2814.8	2834.3	2918.6	2961.1	3009.9	3062.2	3077.5	3058.0	3069.8	3058.0	2993.2
65°	2833.6	2842.7	2941.6	2930.5	2992.5	3015.5	2976.5	2968.8	3012.7	2950.0	2938.1
67.5°	2555.6	2610.7	2676.9	2676.9	2724.9	2720.1	2667.8	2678.9	2679.6	2655.3	2649.0
70°	2136.9	2248.4	2262.3	2312.5	2345.9	2316.6	2305.5	2313.2	2254.6	2267.9	2209.3
72.5°	1700.0	1819.9	1842.2	1935.5	1945.3	1879.1	1895.1	1849.1	1785.0	1745.3	1664.5
75°	1237.4	1313.3	1379.5	1406.0	1406.7	1344.0	1316.8	1210.9	1116.9	1004.0	974.0
77.5°	864.0	855.6	880.7	866.0	767.8	736.4	648.0	596.4	548.3	464.7	418.7
80°	698.1	690.5	702.3	671.0	628.5	592.9	529.5	482.1	428.5	392.3	336.5
82.5°	595.7	627.1	634.7	590.1	568.5	538.6	465.4	413.9	361.6	314.9	271.0
85°	227.1	271.0	267.5	278.7	279.4	264.1	232.7	184.6	146.3	118.4	96.1
87.5°	87.8	98.2	92.0	91.3	92.0	84.3	71.8	63.4	53.6	43.2	36.2
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
2.5°	28.6	27.2	27.2	25.8	25.8	25.1	25.1	24.4	24.4	23.7	23.7
5°	37.6	37.6	36.9	35.5	32.0	30.7	27.9	25.8	25.1	24.4	23.7
7.5°	39.0	39.0	38.3	38.3	37.6	36.9	36.2	34.1	30.7	27.9	25.8
10°	47.4	46.0	46.7	48.1	47.4	47.4	46.7	46.0	44.6	43.2	34.8
12.5°	55.0	54.3	53.0	50.2	48.8	48.1	48.1	47.4	46.7	46.0	44.6
15°	69.7	67.6	66.9	64.8	63.4	61.3	62.0	61.3	59.9	57.1	50.9
17.5°	77.3	75.9	73.9	74.6	73.2	69.0	62.0	59.9	57.8	55.7	53.6
20°	119.8	117.7	113.6	106.6	98.2	94.1	90.6	87.1	87.8	87.1	81.5
22.5°	140.0	127.5	119.8	114.3	112.2	112.2	109.4	110.8	101.7	98.9	87.1
25°	188.1	179.1	169.3	163.7	160.9	154.7	142.8	134.5	125.4	122.6	113.6
27.5°	225.0	216.7	216.7	207.6	192.3	180.5	168.6	161.6	150.5	142.8	133.1
30°	271.0	260.6	247.3	230.6	216.0	204.8	196.5	179.8	169.3	158.9	139.3
32.5°	338.6	319.1	302.4	287.1	273.8	251.5	238.3	224.3	202.8	180.5	170.7
35°	401.3	376.9	358.1	342.1	314.9	299.6	279.4	248.0	225.0	213.9	191.6
37.5°	462.6	439.6	421.5	390.2	365.8	340.0	306.6	283.6	263.4	235.5	204.8
40°	542.8	517.0	480.1	452.9	420.8	377.6	352.5	324.7	290.5	256.4	230.6
42.5°	648.0	606.9	576.9	542.8	484.2	456.4	422.2	372.8	329.6	298.9	256.4
45°	774.8	732.3	700.2	633.3	590.8	548.3	496.8	438.9	395.7	347.7	311.4
47.5°	909.2	880.0	811.7	744.8	703.0	639.6	580.4	520.5	460.5	418.0	352.5
50°	1077.2	1003.3	928.1	880.0	812.4	741.3	671.7	595.7	543.5	478.0	414.6
52.5°	1245.1	1143.3	1089.0	1017.9	926.0	844.4	763.6	689.8	615.9	545.5	470.3
55°	1471.5	1369.8	1288.3	1185.8	1081.3	988.0	904.4	813.1	732.3	641.7	559.5
57.5°	1885.4	1773.2	1656.1	1502.9	1375.4	1262.5	1149.6	1041.6	921.1	823.5	723.9
60°	2504.1	2386.3	2225.4	2046.3	1849.1	1673.6	1512.6	1351.0	1201.9	1082.0	928.1
62.5°	2911.0	2789.7	2640.6	2428.1	2219.8	1987.1	1786.4	1562.1	1395.6	1223.5	1081.3
63°	2951.4	2822.5	2672.7	2471.3	2251.2	2033.1	1829.6	1585.1	1414.4	1241.6	1094.6
65°	2889.4	2809.2	2669.9	2501.3	2330.6	2118.1	1895.8	1655.4	1462.4	1286.9	1114.8
67.5°	2582.1	2545.2	2454.6	2362.6	2210.0	2062.3	1858.9	1647.1	1442.2	1275.7	1116.9
70°	2187.1	2136.2	2065.1	2028.2	1923.0	1797.6	1657.5	1491.7	1344.0	1180.3	1036.0
72.5°	1634.5	1534.2	1477.1	1415.1	1348.2	1260.4	1178.9	1085.5	965.7	878.6	733.7
75°	855.6	744.1	668.2	579.0	507.2	434.1	395.0	368.6	328.2	283.6	250.8
77.5°	347.0	289.8	234.1	199.3	149.8	119.8	102.4	90.6	83.6	74.6	69.0
80°	291.2	232.7	187.4	142.1	104.5	75.9	56.4	43.9	37.6	32.7	30.0
82.5°	235.5	202.1	167.9	132.4	101.7	82.2	60.6	43.2	31.4	25.1	21.6
85°	75.2	66.2	51.6	43.2	35.5	30.0	25.1	20.2	18.1	16.7	15.3
87.5°	31.4	24.4	22.3	20.2	19.5	18.8	18.8	17.4	16.0	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):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
2.5°	23.0	23.0	22.3	23.0	21.6	20.2	19.5	18.8	18.1	18.1	18.1
5°	23.7	23.0	22.3	21.6	19.5	18.1	16.7	15.3	17.4	15.3	10.5
7.5°	24.4	23.7	22.3	21.6	19.5	17.4	16.0	9.8	6.3	6.3	7.0
10°	32.7	30.7	30.0	27.9	25.8	18.8	11.8	6.3	5.6	8.4	9.8
12.5°	35.5	33.4	31.4	29.3	24.4	20.2	9.8	8.4	10.5	8.4	9.1
15°	48.1	41.1	39.0	36.9	32.7	23.7	11.1	11.1	10.5	9.1	10.5
17.5°	53.0	45.3	43.2	41.8	32.0	15.3	12.5	13.2	10.5	11.8	9.8
20°	76.6	68.3	62.0	59.2	43.2	22.3	17.4	12.5	13.2	10.5	11.8
22.5°	87.8	81.5	75.2	73.9	48.8	24.4	20.2	17.4	12.5	12.5	11.1
25°	108.7	100.3	89.9	80.8	51.6	30.7	24.4	17.4	14.6	11.8	11.1
27.5°	123.3	109.4	100.3	94.8	55.7	32.0	23.7	19.5	14.6	11.1	9.8
30°	128.9	121.2	108.7	94.8	56.4	33.4	25.1	18.8	14.6	11.1	10.5
32.5°	157.5	140.0	121.9	111.5	60.6	35.5	24.4	18.8	13.9	10.5	9.8
35°	168.6	151.9	132.4	117.7	63.4	34.1	23.7	16.7	12.5	9.8	7.7
37.5°	186.7	162.3	143.5	125.4	64.1	32.0	21.6	16.0	11.1	8.4	7.0
40°	200.0	179.8	151.9	131.7	64.1	30.0	20.2	13.9	9.8	7.0	5.6
42.5°	231.3	195.8	167.9	144.2	65.5	27.2	18.1	11.8	8.4	4.9	4.2
45°	264.8	230.6	193.7	165.1	66.9	25.1	16.0	10.5	6.3	3.5	2.1
47.5°	312.1	267.5	225.7	189.5	67.6	23.0	14.6	9.1	4.9	2.1	1.4
50°	357.4	309.4	258.5	221.6	69.0	20.9	12.5	7.7	3.5	1.4	0.7
52.5°	410.4	351.2	299.6	247.3	69.7	19.5	11.1	6.3	2.1	0.7	0.0
55°	485.6	422.9	350.5	295.4	71.1	17.4	9.1	4.9	1.4	0.7	0.0
57.5°	635.4	550.4	461.2	381.8	78.0	15.3	7.7	3.5	0.7	0.7	0.0
60°	818.0	723.2	605.5	490.5	92.0	13.2	6.3	2.1	0.7	0.0	0.0
62.5°	950.3	828.4	688.4	564.4	101.7	11.1	5.6	1.4	0.7	0.7	0.0
63°	971.9	840.3	694.6	569.2	102.4	11.1	4.9	1.4	0.7	0.0	0.0
65°	988.0	851.4	703.0	576.9	104.5	9.8	4.2	1.4	0.7	0.7	0.0
67.5°	974.7	827.0	682.8	562.3	105.9	8.4	3.5	1.4	0.7	0.7	0.7
70°	884.2	752.5	626.4	513.5	98.2	7.0	2.8	1.4	0.7	0.7	0.7
72.5°	635.4	566.4	450.8	370.7	75.2	6.3	2.8	2.1	0.7	1.4	1.4
75°	213.9	191.6	159.6	141.4	43.9	4.2	2.1	2.1	0.7	1.4	1.4
77.5°	61.3	57.1	49.5	45.3	22.3	3.5	2.1	2.1	0.7	2.1	2.1
80°	26.5	24.4	21.6	18.8	9.8	2.8	2.1	2.8	0.7	2.8	2.1
82.5°	19.5	17.4	15.3	12.5	5.6	2.8	2.8	3.5	0.7	2.8	2.8
85°	13.9	12.5	10.5	9.1	4.2	2.8	2.8	3.5	1.4	3.5	3.5
87.5°	11.1	9.8	8.4	6.3	4.2	2.8	2.8	4.2	1.4	4.2	3.5
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):

	165°	175°	180°
0°	23.0	23.0	23.0
2.5°	18.1	18.8	18.8
5°	9.1	9.8	9.8
7.5°	7.7	8.4	8.4
10°	10.5	10.5	10.5
12.5°	9.8	10.5	10.5
15°	11.1	11.8	11.8
17.5°	9.8	12.5	13.2
20°	11.1	11.1	11.1
22.5°	11.1	11.8	11.8
25°	10.5	10.5	10.5
27.5°	10.5	10.5	10.5
30°	9.1	10.5	10.5
32.5°	9.1	9.1	9.1
35°	8.4	8.4	8.4
37.5°	7.0	7.7	7.7
40°	5.6	5.6	5.6
42.5°	3.5	3.5	3.5
45°	2.1	2.1	2.1
47.5°	1.4	1.4	1.4
50°	0.7	0.7	0.7
52.5°	0.7	0.7	0.7
55°	0.0	0.7	0.7
57.5°	0.0	0.0	0.7
60°	0.0	0.0	0.7
62.5°	0.0	0.0	0.7
63°	0.0	0.0	0.7
65°	0.7	0.0	0.7
67.5°	0.7	0.7	0.7
70°	0.7	0.7	0.7
72.5°	1.4	0.7	1.4
75°	1.4	1.4	1.4
77.5°	2.1	1.4	1.4
80°	2.1	2.1	1.4
82.5°	2.8	2.1	0.7
85°	2.8	2.8	1.4
87.5°	3.5	3.5	1.4
90°	0.0	0.0	0.0

(END OF REPORT)