

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: P157119

Luminaire Tested: **UTLD-E01-LED-E-U-T2-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P157119
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33661)
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-T2-7030
Description: TRADITIONAIRE LED DOWNLIGHT LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 AREA
Light Source: (21) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2445.8 lumens
Efficiency: N/A
Efficacy: 99.0 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')
IES Classification: Type II - Short - Semi-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



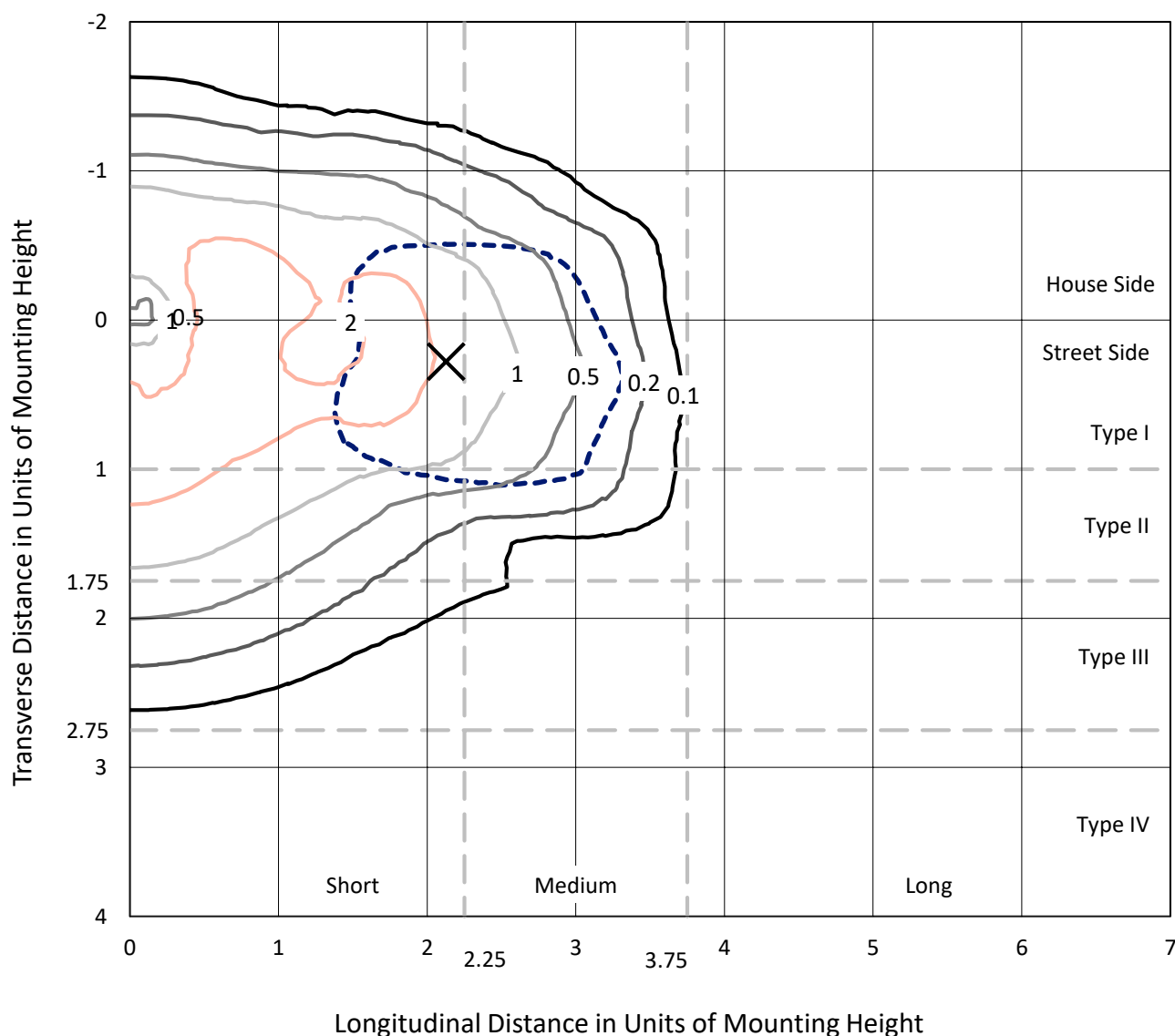
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

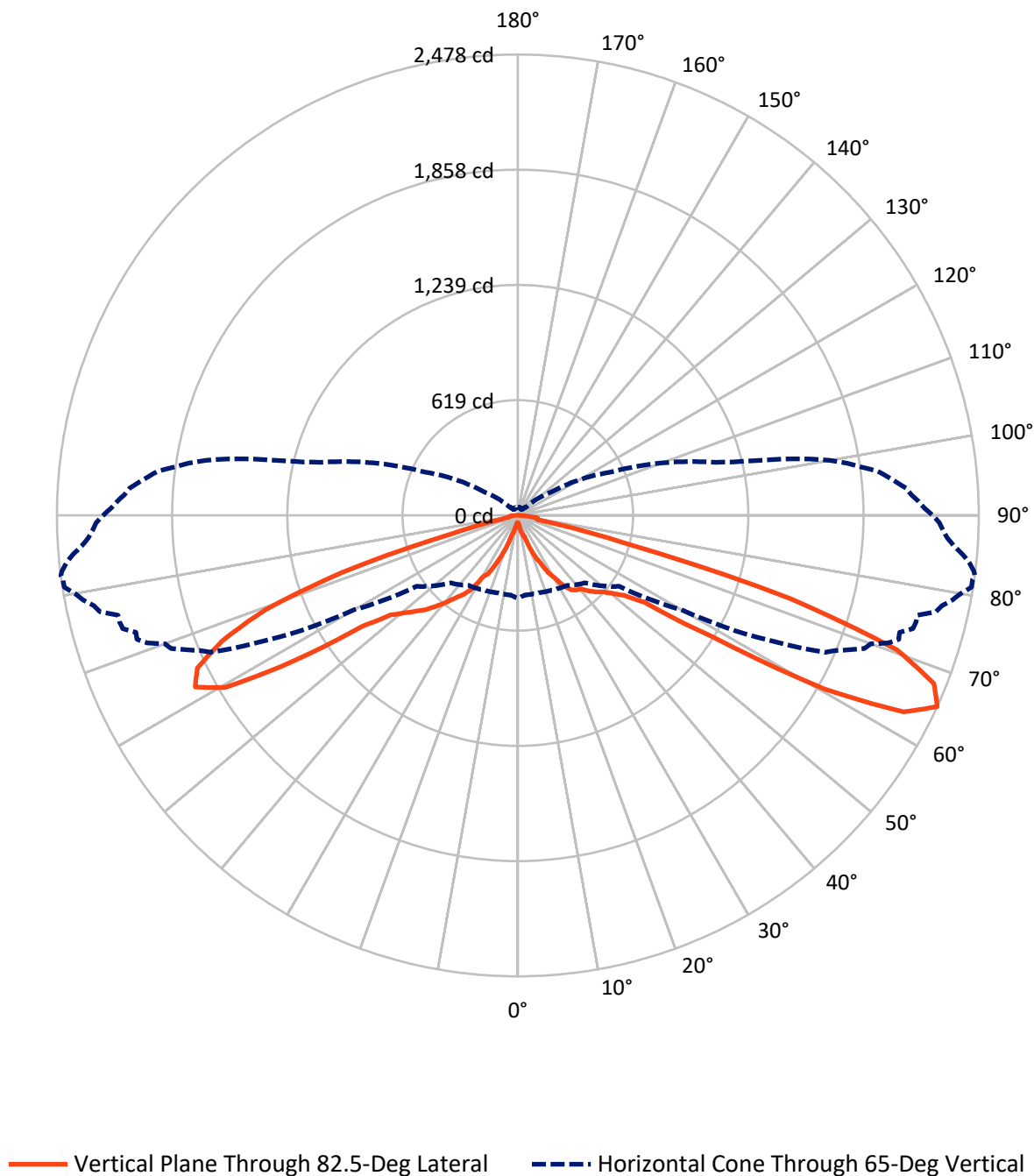


Based on 10 foot mounting height. Maximum calculated value = 2.9 fc
 Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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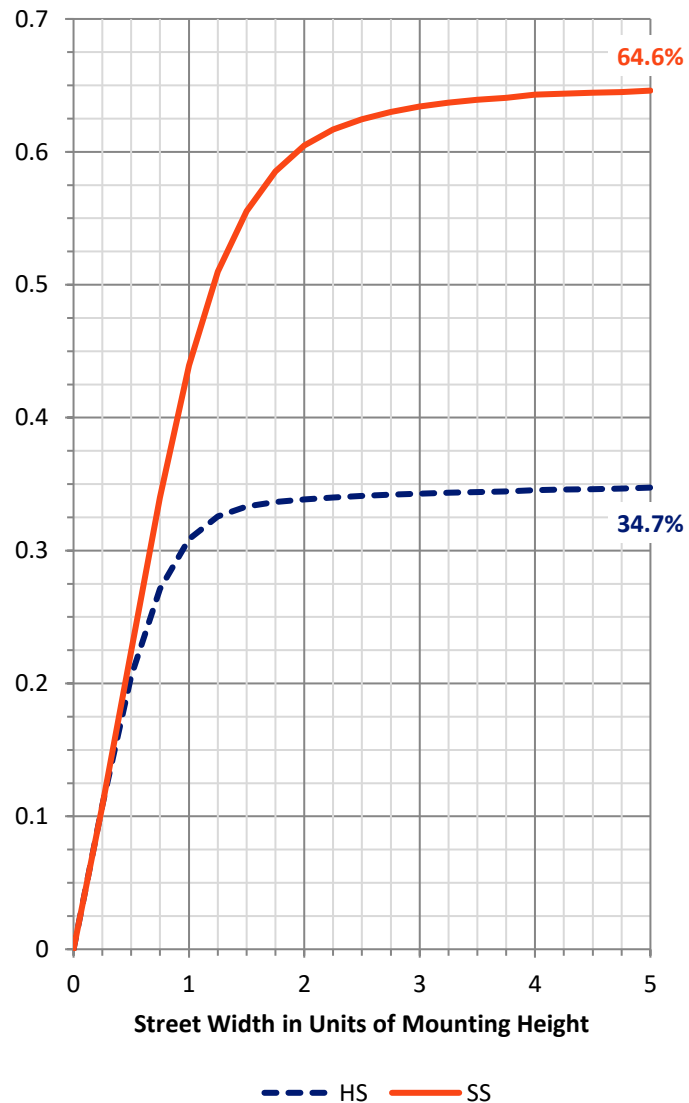
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	861.9	0.0	861.9
	% Fixture	35.2	0.0	35.2
Street Side	Lumens	1583.8	0.0	1583.8
	% Fixture	64.8	0.0	64.8
Total	Lumens	2445.8	0.0	2445.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.6	0.2
10°-20°	36.1	1.5
20°-30°	120.9	4.9
30°-40°	266.7	10.9
40°-50°	421.6	17.2
50°-60°	598.1	24.5
60°-70°	711.6	29.1
70°-80°	240.6	9.8
80°-90°	44.6	1.8
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°	2445.8	100.0
0°-180°	2445.8	100.0

Coefficient of Utilization



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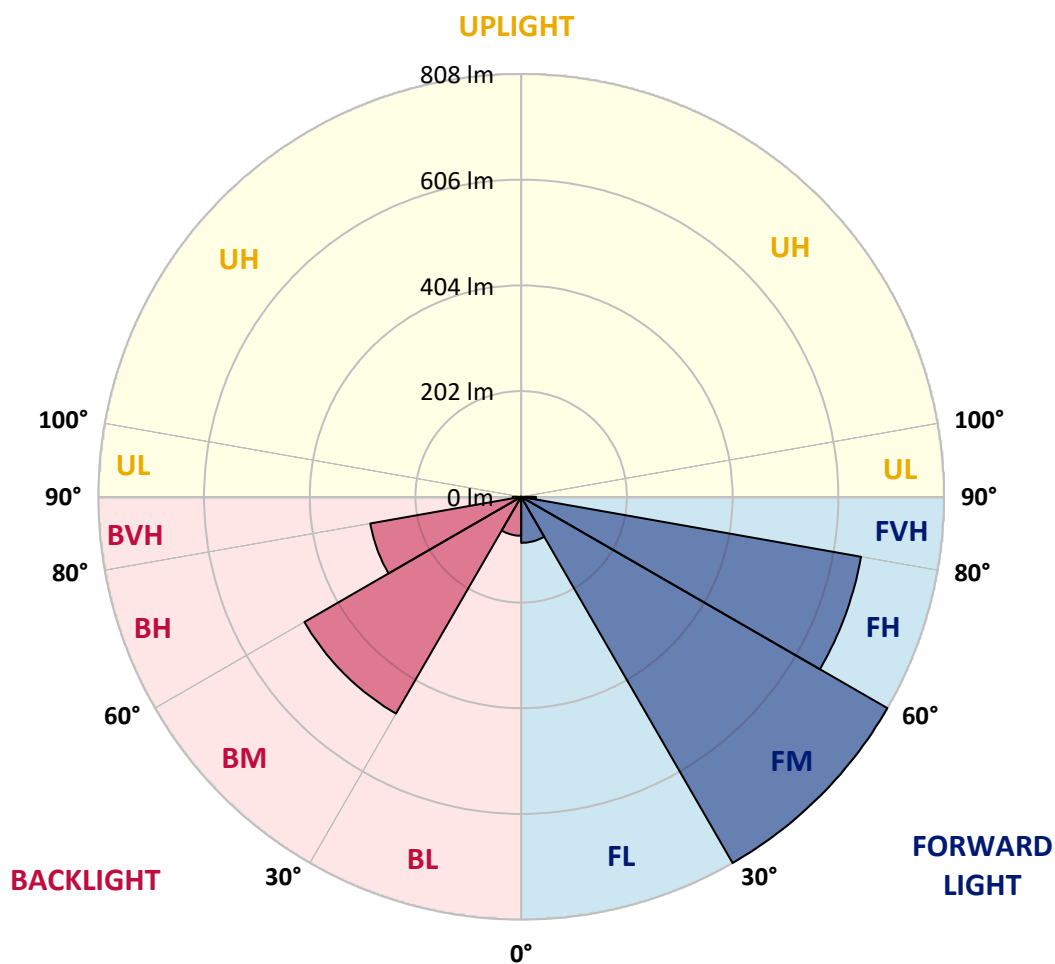
CATALOG NUMBER: UTLD-E01-LED-E-U-T2-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	88.0	3.6			
FM	(30°-60°)	808.1	33.0			
FH	(60°-80°)	659.5	27.0			G0/660
FVH	(80°-90°)	28.3	1.2			G1/100
BL	(0°-30°)	74.5	3.0	B0/110		
BM	(30°-60°)	478.3	19.6	B1/1000		
BH	(60°-80°)	292.7	12.0	B1/500		G1/500
BVH	(80°-90°)	16.3	0.7			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°	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
2.5°	55.7	55.7	55.7	58.5	65.3	65.3	64.8	65.3	64.4	63.5	62.1
5°	58.0	59.4	58.5	58.0	57.1	56.6	56.2	55.7	55.7	56.6	58.9
7.5°	88.6	89.1	88.6	89.5	86.8	62.6	58.5	58.0	59.4	59.8	58.9
10°	105.5	98.6	96.4	94.5	92.2	88.1	87.7	85.4	84.5	84.0	81.7
12.5°	134.7	134.7	133.8	127.9	121.9	118.7	121.5	115.1	114.2	111.4	103.2
15°	177.6	177.2	147.0	140.2	157.6	149.8	126.5	133.8	141.1	140.2	140.7
17.5°	190.0	190.0	187.7	180.4	169.9	159.4	171.3	149.8	149.3	149.8	152.1
20°	235.6	235.6	226.5	210.5	200.9	190.4	183.6	200.5	195.0	190.9	187.7
22.5°	237.5	237.5	231.1	243.4	226.5	216.5	234.7	238.4	243.0	243.4	238.4
25°	274.5	274.9	268.5	250.3	253.0	248.0	258.0	282.7	282.7	278.6	290.4
27.5°	313.3	313.7	274.0	281.8	272.6	290.9	317.8	330.2	321.0	324.2	325.2
30°	331.5	332.0	329.7	327.0	316.0	323.3	337.0	348.4	354.4	376.3	369.5
32.5°	409.2	409.6	395.0	361.2	367.6	381.3	387.3	390.0	396.9	400.5	400.5
35°	501.4	500.1	473.6	443.9	424.7	422.0	429.3	452.6	464.4	453.0	458.0
37.5°	575.4	569.0	539.3	520.2	499.6	494.1	500.1	496.9	497.8	483.2	483.2
40°	626.6	627.0	610.6	594.1	563.1	572.7	556.2	551.7	539.3	536.6	524.7
42.5°	680.4	682.7	661.7	641.2	611.9	638.0	623.4	616.5	589.1	596.9	581.8
45°	736.6	738.4	714.2	685.9	660.4	700.1	696.9	685.5	671.3	672.7	656.7
47.5°	778.2	781.8	754.4	721.1	703.7	750.8	766.8	765.8	764.0	751.2	744.8
50°	802.4	804.7	774.5	749.9	728.4	788.7	838.9	847.1	861.7	836.6	853.5
52.5°	810.1	811.5	781.4	754.4	733.9	809.7	893.7	938.9	949.4	944.9	971.3
55°	788.7	790.5	768.1	743.9	725.7	812.9	937.6	1025.7	1032.1	1045.3	1098.3
57.5°	753.5	752.6	748.0	722.5	720.6	810.1	974.1	1136.2	1139.9	1204.3	1299.2
60°	708.3	710.1	707.8	694.6	702.8	780.9	966.3	1198.3	1240.8	1339.9	1490.1
62.5°	637.5	640.7	631.1	612.9	619.3	680.0	875.0	1169.5	1268.6	1397.4	1580.1
65°	445.7	429.7	430.6	441.6	460.3	512.4	664.9	1012.9	1169.1	1319.3	1560.0
67.5°	256.7	261.2	260.8	271.7	294.6	335.7	425.2	678.2	819.3	993.7	1296.0
70°	197.3	197.3	203.7	218.3	232.4	279.9	305.5	367.2	432.0	549.4	829.8
72.5°	148.4	148.0	153.9	167.6	195.9	256.2	357.6	253.9	262.6	285.4	448.9
75°	86.3	84.0	86.3	95.9	119.6	191.3	361.7	282.7	269.9	253.5	282.2
77.5°	44.8	44.8	47.0	49.3	61.2	98.2	260.8	345.2	334.3	306.4	287.7
80°	25.6	26.5	28.3	28.3	29.7	40.6	113.3	337.9	373.1	381.8	374.5
82.5°	12.8	14.6	20.1	20.1	19.6	20.6	42.5	198.2	269.9	334.7	451.2
85°	7.3	7.8	13.2	14.6	14.2	12.3	19.6	88.6	118.7	172.6	258.0
87.5°	2.7	4.1	6.4	7.3	8.2	6.4	11.4	25.1	33.8	46.6	57.1
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
2.5°	62.1	59.8	60.7	58.5	54.3	52.5	52.1	51.6	51.1	48.4	48.4
5°	60.7	61.2	62.6	63.0	63.0	63.5	64.4	63.9	64.4	63.5	63.0
7.5°	58.0	56.6	55.3	54.3	54.3	54.3	54.3	54.8	56.6	59.4	60.7
10°	81.3	81.3	81.7	80.8	82.2	81.7	81.7	81.3	81.3	81.7	81.7
12.5°	90.4	87.7	87.2	86.3	86.8	86.3	86.8	89.1	88.6	89.1	88.1
15°	143.4	142.9	142.5	140.2	132.9	126.5	125.1	124.2	119.2	117.4	116.5
17.5°	151.6	149.3	151.6	150.7	148.4	146.1	144.3	140.7	130.2	130.2	128.8
20°	190.9	196.4	198.2	208.2	206.9	210.5	210.5	209.2	209.6	208.2	202.8
22.5°	232.0	226.5	223.3	228.3	229.3	227.0	232.0	231.1	242.5	237.0	252.5
25°	291.8	303.7	311.0	304.1	300.9	302.3	306.4	301.4	304.1	302.3	303.2
27.5°	325.6	331.5	327.4	327.0	328.8	330.2	324.2	324.2	323.8	335.2	346.2
30°	379.0	374.0	374.0	376.8	380.9	380.9	375.8	374.5	379.5	374.9	380.4
32.5°	399.1	396.4	406.0	437.5	438.9	432.5	432.9	438.9	439.3	445.7	446.6
35°	452.6	460.3	465.8	467.2	461.7	461.2	467.2	470.4	476.8	477.2	482.7
37.5°	488.6	491.8	492.3	490.5	482.2	487.7	490.9	495.0	495.0	499.6	497.3
40°	528.8	530.2	529.7	515.1	512.8	519.2	521.1	519.7	519.2	520.2	518.3
42.5°	581.3	578.6	564.9	553.9	556.2	556.2	553.5	547.1	550.3	543.4	540.2
45°	649.8	643.0	621.1	611.5	611.9	603.3	592.8	591.4	582.7	574.5	582.3
47.5°	742.6	721.1	699.6	690.9	681.8	668.1	650.3	643.5	630.2	622.9	623.8
50°	853.5	821.6	807.4	809.2	791.0	765.4	750.8	729.8	705.6	703.3	693.2
52.5°	962.7	945.3	949.4	948.1	925.7	901.9	889.1	872.7	846.2	834.3	806.0
55°	1075.5	1084.1	1108.4	1107.4	1096.5	1093.3	1086.9	1072.7	1076.8	1046.7	1011.5
57.5°	1291.0	1334.4	1392.4	1414.8	1412.5	1421.6	1444.0	1468.2	1486.9	1463.2	1466.8
60°	1549.0	1640.4	1726.7	1765.0	1829.9	1860.0	1910.3	1975.6	2019.9	1987.0	2043.6
62.5°	1680.6	1811.6	1877.4	1922.1	2008.0	2050.9	2116.7	2190.7	2208.9	2234.1	2297.1
65°	1694.3	1809.3	1856.8	1926.7	1995.2	2018.5	2105.7	2153.2	2146.4	2208.9	2215.8
67.5°	1488.8	1586.9	1662.3	1765.0	1817.1	1871.0	1943.2	1952.3	1981.1	2031.7	1996.1
70°	1057.7	1216.6	1318.4	1437.2	1519.4	1606.1	1674.6	1680.6	1727.1	1743.1	1724.9
72.5°	572.2	727.5	849.9	996.0	1092.4	1191.5	1253.6	1289.7	1307.9	1283.7	1329.4
75°	322.4	385.9	464.9	540.7	617.0	654.9	683.6	697.3	667.2	658.1	657.2
77.5°	272.6	269.4	275.8	262.1	265.8	256.2	258.0	234.7	218.7	230.2	229.3
80°	334.7	304.6	269.4	221.9	190.0	161.7	145.7	141.1	147.0	162.6	173.5
82.5°	444.8	439.3	381.3	320.6	269.4	215.6	174.4	150.7	153.4	163.9	184.0
85°	305.5	318.8	282.7	264.9	217.8	182.7	150.7	121.0	111.0	105.9	100.9
87.5°	61.7	53.9	48.4	45.7	39.7	35.2	31.5	28.8	29.2	27.4	26.9
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):

	76°	77°	78°	79°	80°	81°	82°	82.5°	83°	84°	85°
0°	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
2.5°	45.7	43.4	43.8	42.5	41.6	41.1	42.5	42.5	42.0	41.6	39.7
5°	62.1	61.7	59.8	57.5	54.8	49.8	47.0	44.8	43.4	42.9	42.0
7.5°	61.7	61.2	60.7	60.7	60.7	60.3	60.3	58.9	57.5	53.4	44.3
10°	81.7	84.0	89.1	91.8	91.8	91.3	88.6	88.1	87.7	87.2	83.6
12.5°	88.1	85.9	85.9	86.3	89.5	92.7	94.5	93.6	93.6	93.6	92.2
15°	116.0	116.0	115.5	115.5	115.5	116.5	116.0	118.7	120.6	119.6	120.1
17.5°	128.8	130.6	129.7	129.7	127.0	121.9	131.5	120.1	119.6	134.7	147.5
20°	195.0	194.5	191.8	190.9	189.1	188.2	189.5	190.0	190.4	190.0	192.7
22.5°	251.2	243.4	237.5	236.1	242.0	244.3	241.6	242.0	240.2	240.7	236.6
25°	305.5	298.7	305.5	298.2	293.2	288.2	287.7	285.0	288.6	290.4	295.9
27.5°	353.9	357.6	357.1	361.2	354.8	349.4	349.8	347.5	351.6	356.2	351.2
30°	381.3	384.5	382.7	377.7	380.0	381.3	390.0	388.6	386.8	376.8	372.2
32.5°	450.3	448.9	445.3	448.5	459.0	464.4	450.7	447.5	448.0	453.9	450.3
35°	480.0	480.0	480.9	495.0	498.7	488.6	488.2	490.9	496.9	485.9	479.5
37.5°	495.0	498.2	510.6	514.2	503.3	503.3	511.5	509.2	504.2	502.8	508.7
40°	517.4	530.7	534.8	523.8	524.3	532.0	523.8	517.9	522.0	535.7	536.1
42.5°	552.6	558.1	546.6	544.8	555.8	546.2	546.2	554.4	559.4	558.5	563.5
45°	586.8	576.8	569.9	580.0	573.1	565.4	583.6	585.5	585.5	590.5	597.8
47.5°	619.3	602.8	609.7	605.6	590.5	611.5	615.6	615.1	617.9	626.6	624.3
50°	667.2	655.8	653.5	632.5	645.3	653.5	653.0	658.5	663.5	660.8	680.9
52.5°	765.4	761.3	722.9	710.1	716.5	709.2	716.5	712.9	712.4	729.3	730.7
55°	978.2	954.9	887.8	885.0	850.3	821.6	831.1	822.0	826.1	837.1	844.8
57.5°	1465.5	1396.5	1377.8	1368.2	1300.2	1222.5	1214.3	1225.3	1223.9	1206.5	1235.3
60°	2044.5	1996.1	2047.7	2010.3	1957.3	1931.7	1894.3	1892.9	1876.9	1863.7	1833.6
62.5°	2256.4	2317.6	2366.0	2367.9	2379.7	2366.5	2347.8	2325.4	2328.6	2291.6	2279.7
65°	2215.3	2305.8	2330.9	2380.2	2417.2	2468.3	2469.2	2477.5	2470.2	2440.9	2399.8
67.5°	2078.3	2121.7	2149.6	2208.0	2281.5	2349.1	2404.4	2412.6	2417.6	2400.7	2340.0
70°	1804.8	1823.0	1862.3	1921.2	2010.3	2077.4	2152.8	2160.5	2176.5	2158.7	2116.2
72.5°	1336.2	1330.8	1351.3	1391.9	1434.0	1480.5	1528.5	1531.7	1566.9	1531.7	1482.8
75°	621.1	605.1	591.9	589.6	594.6	608.3	606.9	588.7	583.6	542.1	512.4
77.5°	212.8	207.3	196.4	179.5	160.3	137.0	120.1	111.9	104.1	92.7	88.6
80°	187.7	200.0	198.7	185.4	163.0	136.5	111.4	99.1	88.6	71.2	64.4
82.5°	216.5	243.9	264.4	250.3	215.1	174.9	127.0	105.9	86.8	58.9	48.0
85°	103.7	102.3	112.3	95.4	90.4	66.2	49.8	42.0	38.4	31.5	29.2
87.5°	27.4	27.9	28.8	28.8	27.9	26.0	25.6	24.7	24.2	22.4	21.0
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):

	86°	87°	88°	89°	90°	91°	92°	93°	94°	95°	96°
0°	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
2.5°	39.7	39.3	39.3	38.8	38.8	38.8	38.8	38.8	38.4	38.4	38.4
5°	42.5	42.5	42.0	40.6	39.7	39.7	39.3	39.3	38.8	38.8	38.8
7.5°	40.6	40.2	39.7	40.2	41.1	41.6	41.6	41.1	40.6	41.1	41.1
10°	70.8	65.8	64.4	63.9	63.0	63.0	62.6	61.7	60.3	59.8	59.8
12.5°	90.0	73.1	70.8	70.3	69.4	69.0	68.5	66.2	65.3	66.2	66.7
15°	119.6	113.3	99.6	100.0	100.5	100.0	100.0	99.1	97.7	96.4	96.4
17.5°	138.4	143.4	127.0	132.0	128.3	132.4	130.2	128.3	131.1	120.6	123.8
20°	191.3	191.3	184.0	173.1	174.4	176.3	178.6	178.1	175.8	171.7	169.9
22.5°	240.2	237.5	240.2	233.4	231.1	234.3	220.1	227.4	225.1	227.9	228.3
25°	298.2	299.1	289.5	281.3	274.5	275.4	280.9	279.5	272.6	274.9	281.8
27.5°	346.2	349.8	356.7	347.1	341.1	339.3	337.5	338.9	348.4	347.5	339.3
30°	376.8	371.7	370.4	374.9	382.7	376.8	384.5	372.6	369.0	380.4	380.0
32.5°	436.1	443.4	450.3	448.9	449.8	458.0	453.5	454.4	451.2	448.0	454.4
35°	487.3	487.7	483.2	489.6	487.7	490.0	495.9	496.4	498.2	497.3	497.8
37.5°	508.3	511.9	513.8	502.3	514.7	515.6	521.1	525.6	534.8	541.6	544.8
40°	542.1	539.8	535.7	548.0	536.6	543.9	557.1	565.8	575.9	589.6	594.1
42.5°	569.0	569.0	576.3	573.1	587.3	584.5	599.6	614.2	627.0	630.2	654.9
45°	598.2	611.9	613.3	620.6	629.8	646.7	648.0	659.9	674.1	691.9	700.1
47.5°	642.5	643.9	660.8	670.4	683.2	697.8	706.0	710.1	727.9	742.6	751.7
50°	679.5	702.8	712.9	728.4	745.3	752.6	765.4	775.4	782.3	791.9	797.8
52.5°	748.5	764.0	786.4	801.5	818.4	830.7	841.7	859.9	860.4	859.5	865.9
55°	863.6	895.5	930.7	942.1	974.5	990.1	1009.3	1020.2	1036.7	1020.2	1024.3
57.5°	1255.9	1307.0	1335.3	1373.2	1402.9	1425.3	1430.8	1444.0	1467.8	1465.0	1449.9
60°	1867.3	1873.3	1895.7	1924.4	1922.6	1948.6	1932.2	1952.3	1916.7	1912.6	1875.6
62.5°	2258.3	2246.4	2244.1	2240.9	2230.4	2211.2	2186.6	2166.9	2135.4	2089.7	2058.2
65°	2349.1	2312.1	2287.0	2267.4	2228.6	2187.5	2154.6	2118.1	2092.0	2044.5	1997.0
67.5°	2278.4	2233.1	2187.9	2129.0	2086.5	2035.9	1987.0	1955.0	1907.1	1880.6	1803.4
70°	2066.9	1985.6	1909.8	1833.6	1796.6	1728.5	1682.8	1659.6	1611.6	1582.4	1525.3
72.5°	1444.0	1378.2	1267.7	1209.7	1197.4	1148.1	1128.0	1117.0	1093.7	1067.2	1037.6
75°	487.7	465.4	437.5	381.3	396.9	374.9	360.8	381.3	373.6	374.0	359.4
77.5°	85.4	82.7	79.0	74.9	73.5	74.9	73.1	75.8	76.3	77.6	76.3
80°	61.2	58.0	55.7	53.9	52.5	53.0	51.6	52.1	51.6	52.1	51.6
82.5°	43.8	42.0	39.7	38.4	37.9	38.4	37.4	38.8	39.7	41.1	42.5
85°	27.4	26.9	25.6	25.1	25.1	24.7	25.1	26.9	28.8	31.1	32.4
87.5°	19.6	19.6	18.7	19.6	19.6	20.6	21.9	24.2	26.5	28.8	31.5
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):

	97°	98°	99°	100°	101°	102°	103°	104°	105°	115°	125°
0°	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
2.5°	38.4	38.4	38.4	38.4	38.4	38.4	38.4	37.9	37.9	38.4	38.4
5°	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	40.2	60.3
7.5°	40.6	40.6	40.6	40.2	40.2	40.2	40.6	41.1	40.6	57.5	39.3
10°	60.7	61.7	62.6	62.1	62.6	63.0	63.5	63.5	69.4	61.2	42.0
12.5°	67.1	67.1	67.6	67.1	66.7	73.1	86.3	86.3	86.8	67.6	67.1
15°	95.0	93.6	95.0	99.1	111.9	113.7	114.2	113.7	108.2	100.9	96.8
17.5°	114.2	108.7	114.6	125.1	113.7	113.3	106.4	101.4	103.2	126.0	130.6
20°	172.6	179.0	182.2	187.7	183.6	172.6	168.5	169.0	168.1	172.2	145.7
22.5°	225.6	233.8	232.9	230.6	224.2	231.1	233.8	216.5	213.3	227.0	235.2
25°	293.2	289.1	290.0	285.4	283.1	284.1	286.8	300.0	299.6	324.7	261.7
27.5°	350.3	355.7	352.1	352.6	360.8	355.3	364.4	364.4	383.2	354.8	350.7
30°	374.0	379.5	390.0	392.7	401.0	406.0	405.1	408.3	409.6	428.8	382.7
32.5°	466.7	461.2	469.5	481.8	486.4	490.5	503.3	501.9	494.6	474.9	437.0
35°	509.2	521.1	521.1	522.4	542.5	543.9	542.5	550.3	544.4	531.6	460.8
37.5°	551.2	555.8	570.4	572.7	569.5	584.5	585.0	580.9	586.8	563.5	504.6
40°	601.0	607.4	609.7	622.4	616.1	614.2	631.6	625.2	621.1	592.8	517.9
42.5°	657.6	655.8	659.4	660.4	667.2	659.9	659.4	673.6	662.6	617.0	516.5
45°	714.7	706.9	703.3	703.7	702.8	706.5	695.1	702.8	704.2	629.8	504.6
47.5°	750.8	760.8	751.7	743.9	738.9	739.4	735.7	717.9	732.1	633.9	485.9
50°	806.9	806.0	805.1	787.8	782.7	773.2	768.6	755.8	745.8	620.6	465.4
52.5°	870.0	868.1	870.4	855.4	836.2	824.3	810.6	798.7	775.4	607.4	442.5
55°	1025.7	1021.6	1009.3	1005.1	970.0	939.8	902.4	879.6	859.0	606.5	416.0
57.5°	1445.4	1426.7	1394.7	1370.0	1303.8	1240.3	1181.9	1115.2	1069.1	657.2	395.9
60°	1832.6	1808.9	1767.8	1688.3	1619.4	1507.9	1402.0	1314.3	1233.9	710.6	373.1
62.5°	1988.8	1939.0	1878.3	1799.8	1682.4	1574.6	1429.8	1328.5	1227.1	679.1	315.1
65°	1950.0	1866.4	1792.0	1703.9	1591.5	1456.8	1309.3	1187.4	1099.2	548.5	218.7
67.5°	1765.0	1688.3	1613.9	1510.2	1386.0	1235.8	1109.3	983.2	904.2	390.5	121.9
70°	1477.3	1418.9	1328.5	1228.0	1115.2	978.7	849.9	740.3	661.7	238.4	59.4
72.5°	1015.6	965.9	928.0	842.6	728.4	605.1	532.5	447.1	400.0	121.9	39.3
75°	367.2	371.3	342.0	327.0	289.5	233.4	205.5	173.1	151.2	55.3	38.8
77.5°	85.4	84.0	88.6	90.9	84.5	77.2	69.4	63.9	59.8	43.4	41.1
80°	52.1	51.6	51.1	50.7	50.2	49.8	49.3	48.4	47.5	42.5	41.6
82.5°	43.4	43.8	43.8	43.8	44.3	44.3	44.8	44.8	44.3	42.5	42.0
85°	33.8	35.2	36.5	37.9	39.7	41.6	42.5	42.9	42.9	41.6	41.6
87.5°	33.8	35.6	37.9	40.6	43.4	45.7	47.5	48.4	48.4	42.0	41.1
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):

	135°	145°	155°	165°	175°	180°
0°	39.3	39.3	39.3	39.3	39.3	39.3
2.5°	40.6	39.7	40.2	43.4	41.6	40.6
5°	61.2	47.5	39.7	39.3	38.8	38.4
7.5°	40.6	40.6	41.6	51.6	57.1	60.3
10°	45.7	65.3	68.5	67.1	67.6	66.7
12.5°	92.2	69.4	72.6	81.7	95.0	95.0
15°	100.0	121.9	99.1	100.0	98.6	98.6
17.5°	131.1	130.2	105.5	127.4	129.2	129.2
20°	165.8	150.2	156.2	137.0	134.7	134.3
22.5°	179.0	185.4	165.3	168.1	168.1	167.1
25°	238.4	208.7	195.0	173.5	192.7	188.6
27.5°	277.7	231.1	228.3	205.0	202.3	200.5
30°	329.3	289.5	243.9	233.4	232.9	231.1
32.5°	357.6	301.9	264.0	240.7	257.6	256.7
35°	389.5	314.6	279.5	262.1	250.3	248.4
37.5°	391.4	320.1	270.8	266.2	262.6	261.2
40°	396.4	309.2	269.9	265.8	262.1	260.8
42.5°	381.8	294.1	256.7	241.6	234.7	232.9
45°	361.7	270.8	229.3	212.4	204.1	202.3
47.5°	337.9	249.8	200.0	184.5	173.1	169.9
50°	313.3	222.4	171.3	152.5	141.6	137.9
52.5°	286.3	187.7	139.3	123.3	111.9	109.6
55°	253.9	151.2	108.7	97.7	90.9	89.1
57.5°	211.9	113.7	83.1	78.1	74.9	74.0
60°	162.6	79.9	62.6	63.9	62.6	63.5
62.5°	111.4	53.0	48.0	52.1	52.5	52.5
65°	64.8	38.4	38.8	43.8	44.3	44.8
67.5°	39.7	32.0	33.8	38.8	39.3	39.3
70°	33.3	29.7	31.5	36.5	37.0	37.0
72.5°	32.4	29.7	30.6	35.6	36.1	36.5
75°	32.9	29.2	30.6	35.6	35.2	34.7
77.5°	33.8	29.2	30.1	35.6	36.1	33.8
80°	33.3	28.3	28.8	37.9	36.5	31.1
82.5°	32.0	26.5	25.6	40.2	32.4	27.9
85°	29.7	23.7	21.0	43.8	32.0	20.1
87.5°	16.9	19.6	15.5	38.4	29.2	16.0
90°	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)