

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: P157028

Luminaire Tested: **UTLD-E01-LED-E-U-SL2-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P157028
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-SL2-8030
Description: TRADITIONAIRE LED DOWNLIGHT LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (21) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2233 lumens
Efficiency: N/A
Efficacy: 90.4 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

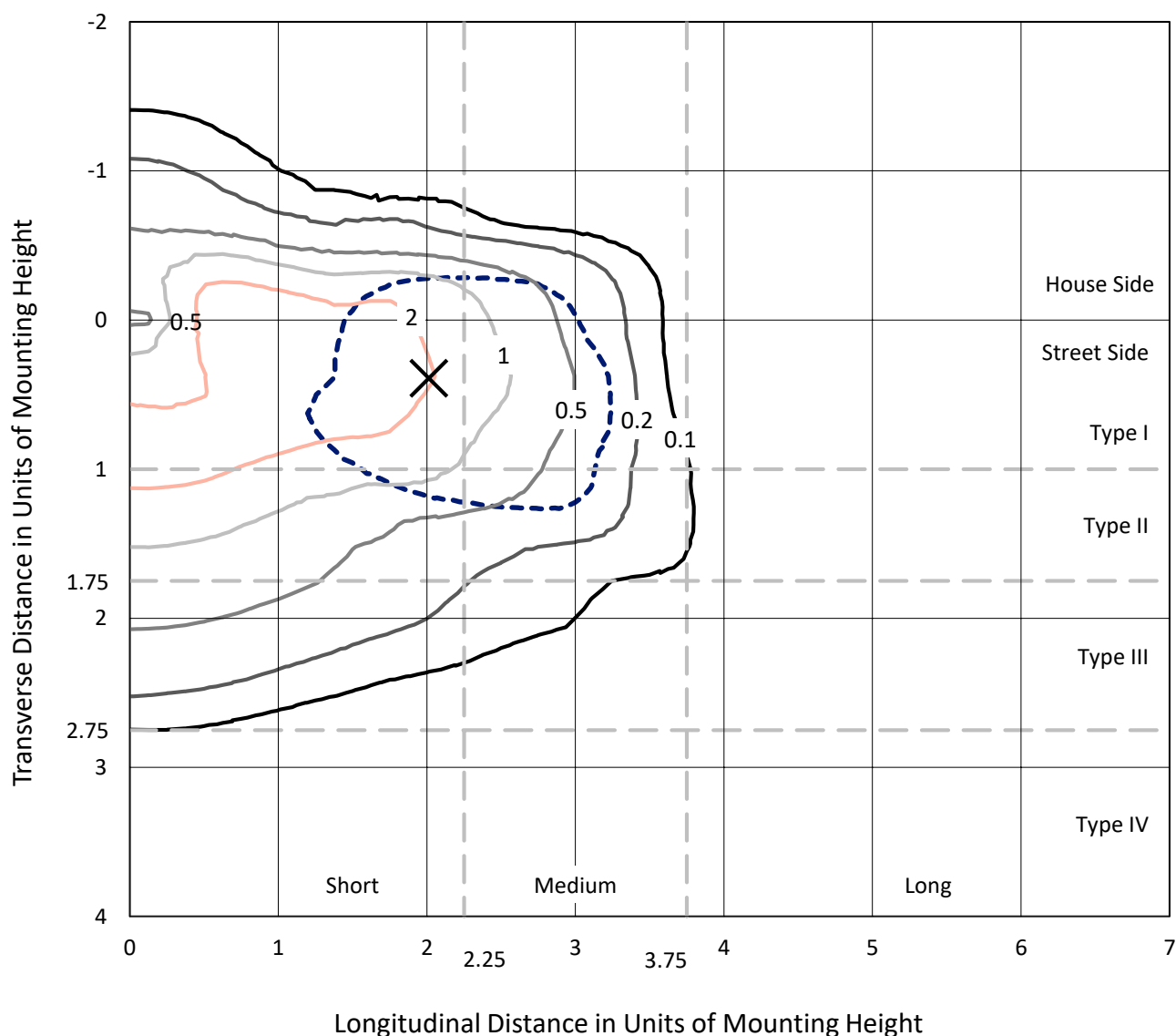


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

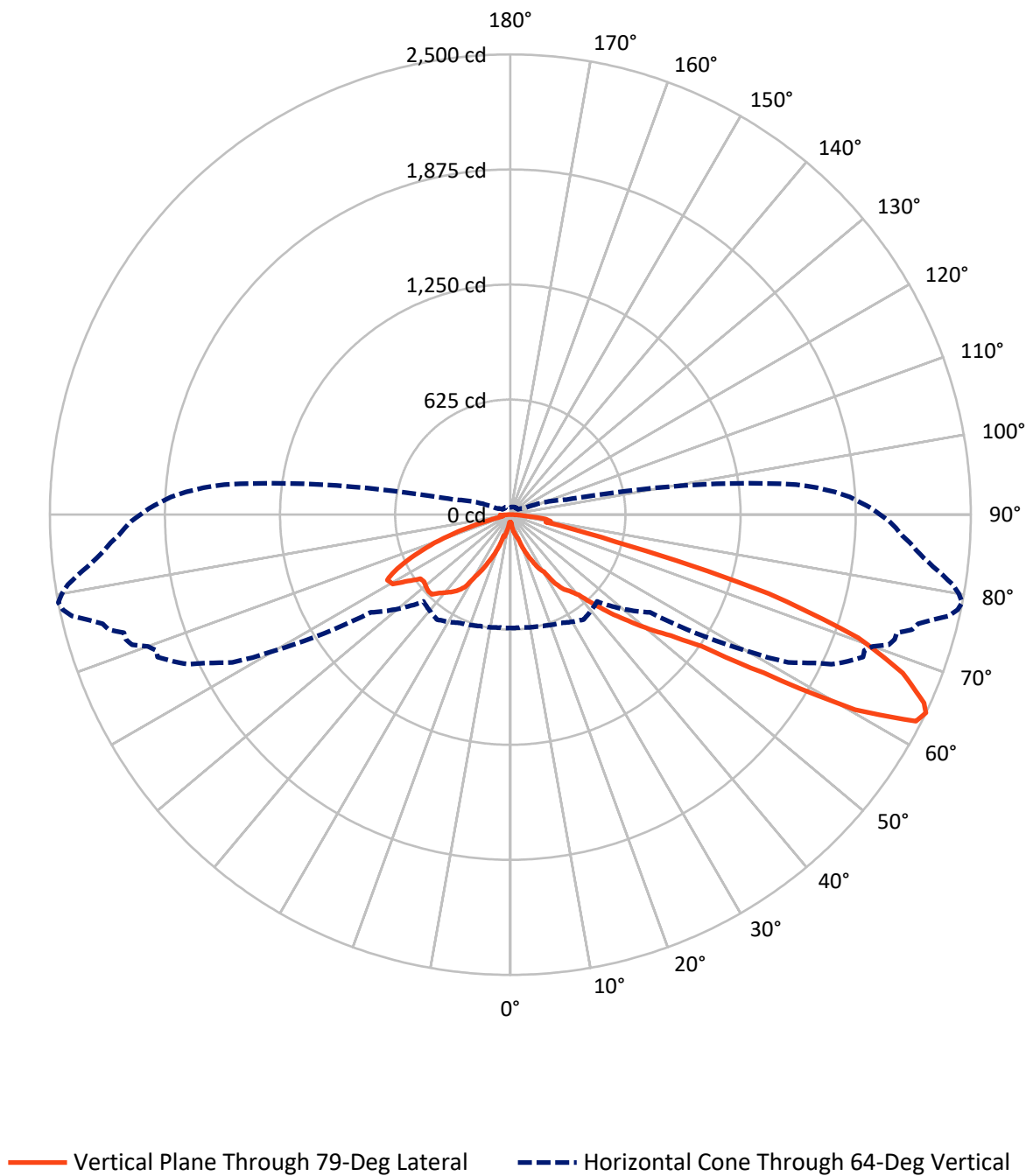


Based on 10 foot mounting height. Maximum calculated value = 3.1 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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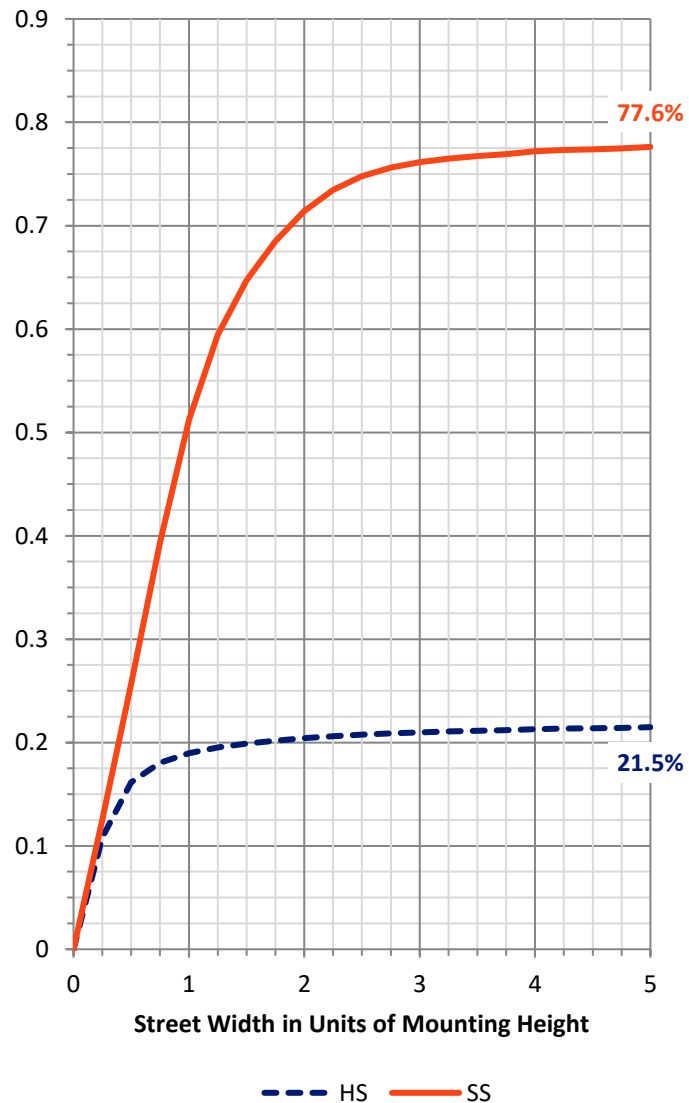
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	490.5	0.0	490.5
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	1742.5	0.0	1742.5
	% Fixture	78.0	0.0	78.0
Total	Lumens	2233.0	0.0	2233.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.6	0.3
10°-20°	32.6	1.5
20°-30°	95.5	4.3
30°-40°	208.7	9.3
40°-50°	379.5	17.0
50°-60°	530.0	23.7
60°-70°	666.4	29.8
70°-80°	258.4	11.6
80°-90°	56.4	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°	2233.0	100.0
0°-180°	2233.0	100.0

Coefficient of Utilization



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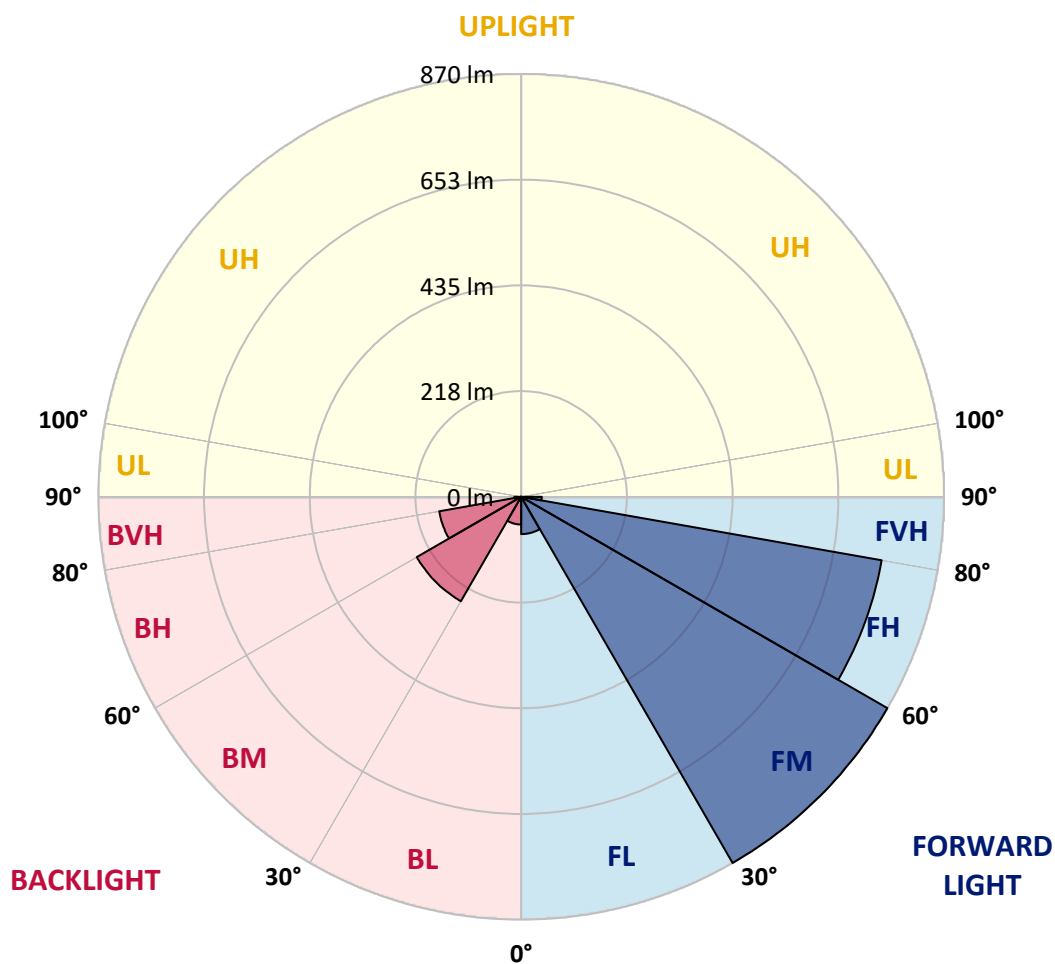
CATALOG NUMBER: UTLD-E01-LED-E-U-SL2-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	76.7	3.4			
FM	(30°-60°)	870.1	39.0			
FH	(60°-80°)	753.3	33.7			G1/1800
FVH	(80°-90°)	42.3	1.9			G1/100
BL	(0°-30°)	57.0	2.6	B0/110		
BM	(30°-60°)	248.0	11.1	B1/1000		
BH	(60°-80°)	171.5	7.7	B1/500		G1/500
BVH	(80°-90°)	14.1	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°	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
2.5°	65.4	65.0	65.8	65.8	65.8	65.0	58.2	49.8	49.4	48.1	46.8
5°	54.0	54.0	54.0	54.4	54.9	55.7	59.1	63.3	65.4	65.8	66.3
7.5°	78.9	79.8	79.8	79.8	66.3	57.0	56.5	57.4	56.5	55.7	54.4
10°	81.0	81.4	81.4	82.3	82.7	81.4	69.6	78.9	78.9	79.3	79.8
12.5°	111.0	111.8	111.4	107.6	87.8	107.6	112.7	105.5	98.3	90.7	86.1
15°	117.7	119.4	116.0	112.7	134.2	126.2	119.0	137.1	137.1	138.4	142.2
17.5°	151.9	152.3	149.8	145.6	139.3	142.6	145.6	145.2	147.7	149.8	148.5
20°	182.3	178.5	157.0	168.4	166.3	165.0	165.4	180.2	181.5	182.3	186.1
22.5°	192.4	192.4	183.6	192.9	184.0	186.1	203.0	222.8	222.0	218.6	213.5
25°	234.6	235.5	215.2	199.6	203.8	208.9	219.0	249.4	245.6	249.8	251.9
27.5°	253.6	255.3	237.2	232.9	212.3	235.1	270.9	279.4	282.3	287.4	287.4
30°	304.7	305.5	293.7	260.4	253.2	256.2	292.9	305.1	309.3	314.8	335.5
32.5°	381.9	382.3	354.1	298.8	284.8	295.8	339.3	353.2	361.2	353.6	362.5
35°	505.1	501.3	448.6	403.8	369.2	341.8	384.9	433.8	428.7	430.0	434.2
37.5°	587.0	592.1	575.6	524.5	500.5	462.5	488.2	494.6	484.9	492.5	495.0
40°	652.0	659.2	652.4	627.1	603.9	587.0	618.2	596.3	582.4	583.6	573.9
42.5°	676.5	684.5	691.2	706.0	700.1	718.2	761.7	730.1	727.5	715.3	691.7
45°	693.3	700.9	722.9	752.4	761.7	809.4	884.5	871.8	881.1	854.5	840.2
47.5°	696.7	703.9	728.8	775.2	800.9	870.2	986.2	998.9	1006.0	991.7	988.3
50°	667.2	673.1	699.7	754.9	792.5	896.7	1053.7	1100.1	1106.5	1110.3	1113.2
52.5°	621.2	628.4	653.2	700.1	747.8	884.5	1090.4	1179.9	1187.5	1204.0	1223.8
55°	603.0	608.9	624.6	662.5	698.8	834.3	1109.0	1247.4	1259.7	1288.4	1322.5
57.5°	600.5	606.4	620.3	633.0	673.1	775.6	1117.0	1323.8	1361.8	1408.2	1463.5
60°	622.4	625.0	631.3	631.7	650.3	730.9	1092.5	1417.9	1493.9	1561.8	1648.7
62.5°	637.2	639.3	649.0	666.8	661.7	686.2	1009.8	1479.1	1592.2	1692.6	1805.3
64°	615.7	615.7	627.1	649.0	695.0	667.2	925.9	1477.0	1601.1	1708.7	1836.9
65°	591.2	590.8	601.3	619.1	689.5	664.2	865.1	1441.5	1569.8	1677.9	1816.7
67.5°	480.2	463.8	473.5	495.8	581.5	671.0	714.0	1212.8	1344.5	1474.9	1634.8
70°	248.6	257.4	262.5	299.6	402.2	577.3	599.2	857.1	1006.9	1136.9	1357.6
72.5°	105.1	98.3	110.6	136.7	211.4	408.9	551.1	595.4	673.5	776.9	1011.1
75°	57.0	57.4	59.9	67.9	110.1	225.8	508.1	524.5	531.7	548.6	673.5
77.5°	42.2	42.2	43.5	43.5	57.4	117.3	405.1	495.8	497.1	486.1	514.8
80°	31.6	33.3	35.4	33.8	35.9	66.7	237.2	450.3	469.3	473.1	496.7
82.5°	26.2	27.0	31.6	30.4	28.3	40.1	111.4	341.0	394.1	425.4	483.6
85°	17.7	19.0	28.7	27.9	25.7	27.0	64.6	110.6	133.4	154.0	196.2
87.5°	7.2	9.3	18.6	16.9	17.7	15.2	39.7	58.2	64.1	73.0	90.7
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
2.5°	46.0	45.2	44.7	43.9	43.5	43.0	43.5	42.6	42.2	42.6	41.8
5°	65.8	65.8	65.4	64.6	64.1	63.3	62.9	59.5	55.7	53.6	50.2
7.5°	54.9	54.9	55.7	57.8	59.9	62.0	63.3	63.7	63.3	63.7	63.7
10°	79.8	81.0	81.0	81.9	81.9	82.3	82.7	83.6	84.4	89.5	93.3
12.5°	85.7	86.1	86.1	86.5	88.2	89.9	89.9	91.2	90.3	89.9	89.0
15°	140.1	138.0	128.3	127.0	126.6	125.3	122.0	120.7	120.7	121.5	121.1
17.5°	149.8	151.1	149.4	147.3	145.2	140.5	132.5	133.4	132.5	133.4	135.0
20°	187.4	183.6	186.1	195.4	201.7	203.8	205.9	207.2	203.0	196.6	195.8
22.5°	211.4	209.3	214.4	216.1	216.5	220.7	221.5	224.5	235.9	233.8	235.9
25°	252.4	274.3	274.7	276.0	278.1	280.6	278.9	282.7	281.9	285.3	285.3
27.5°	293.7	292.0	293.7	295.4	293.3	292.0	296.2	296.2	304.3	299.6	300.5
30°	333.4	334.6	338.4	341.8	344.3	343.1	343.5	349.4	345.2	348.6	353.6
32.5°	361.2	366.3	375.6	378.1	402.2	398.4	408.9	414.0	418.2	424.9	431.3
35°	441.0	444.8	449.8	449.8	447.3	453.6	458.3	461.7	465.9	476.4	473.1
37.5°	496.3	496.7	498.4	487.4	494.6	497.5	497.5	504.7	512.3	512.7	505.1
40°	569.7	559.6	555.3	545.6	554.5	542.3	551.5	549.9	555.3	548.6	552.8
42.5°	680.7	665.5	641.9	638.5	630.9	624.1	616.1	622.9	611.0	616.1	629.2
45°	821.6	781.1	770.6	759.6	728.4	723.3	719.5	703.9	688.7	705.2	727.5
47.5°	968.9	924.2	909.8	889.1	868.5	841.9	826.3	793.8	786.2	806.9	821.6
50°	1093.0	1058.8	1061.3	1032.2	1006.5	989.2	946.1	913.6	911.9	919.1	911.9
52.5°	1201.8	1194.7	1195.9	1177.8	1160.5	1139.0	1087.1	1067.6	1054.6	1043.6	1014.5
55°	1310.3	1333.9	1331.8	1345.7	1341.9	1326.3	1289.6	1293.8	1288.8	1252.9	1223.8
57.5°	1489.6	1525.9	1548.7	1569.0	1612.0	1607.4	1600.2	1664.8	1662.2	1628.1	1641.6
60°	1724.3	1763.5	1821.3	1873.2	1921.3	1934.4	1975.4	2064.0	2056.4	2060.2	2104.9
62.5°	1901.5	1950.9	2012.5	2073.3	2072.4	2106.6	2188.9	2233.6	2225.2	2285.9	2321.4
64°	1923.0	1975.4	2020.1	2065.7	2059.3	2093.9	2172.4	2194.0	2194.4	2268.2	2292.3
65°	1891.4	1947.1	1979.6	2019.7	2012.1	2050.1	2128.1	2127.3	2139.5	2214.6	2235.7
67.5°	1697.3	1772.8	1799.4	1814.2	1822.6	1879.6	1922.2	1904.5	1957.2	1988.0	2039.1
70°	1431.4	1515.8	1562.2	1568.6	1598.1	1655.5	1686.7	1653.4	1718.4	1697.7	1786.7
72.5°	1128.8	1207.8	1277.4	1285.0	1335.2	1364.7	1361.8	1362.2	1372.3	1339.8	1414.1
75°	784.1	844.4	897.6	904.3	930.9	904.8	885.3	846.9	802.6	765.1	760.4
77.5°	533.8	553.7	548.6	528.8	507.2	473.1	446.0	438.5	410.2	398.4	373.9
80°	494.6	501.3	491.6	490.4	474.3	436.3	416.9	384.9	380.6	366.7	349.4
82.5°	494.6	498.0	499.6	509.3	487.8	458.7	425.4	377.7	361.2	324.1	301.7
85°	234.6	249.0	273.0	294.1	293.3	285.3	248.6	229.1	194.5	166.7	141.4
87.5°	104.7	116.5	130.0	135.0	139.7	135.0	122.4	110.6	90.7	70.9	58.7
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
2.5°	41.8	41.8	41.8	41.8	41.4	41.4	41.4	41.4	41.4	40.9	40.9
5°	46.8	46.0	44.3	44.3	43.5	43.0	43.0	42.6	42.6	42.2	42.2
7.5°	63.3	62.9	61.6	56.5	49.0	46.0	43.5	43.5	43.0	43.5	44.3
10°	94.9	94.9	94.1	92.8	92.4	90.7	82.3	75.1	70.5	69.6	68.8
12.5°	90.3	92.4	97.9	100.9	100.9	100.4	99.6	97.1	85.2	78.1	76.4
15°	121.5	122.4	122.8	124.5	129.6	130.4	129.6	130.4	129.6	121.5	110.6
17.5°	136.7	133.8	133.8	135.0	140.1	137.6	142.6	157.8	160.8	148.1	149.4
20°	194.1	194.1	195.0	192.0	194.1	197.9	198.3	200.0	203.4	202.6	197.5
22.5°	230.4	227.5	234.6	238.0	239.3	238.8	238.4	237.6	239.3	241.8	239.7
25°	280.2	282.7	283.2	281.5	277.7	276.0	278.9	281.9	290.8	296.2	292.4
27.5°	309.7	317.3	336.8	332.5	330.0	333.0	335.1	342.2	339.3	337.2	343.1
30°	360.8	359.5	355.3	359.1	364.2	370.5	368.8	363.8	361.2	367.1	365.4
32.5°	429.2	424.1	432.1	443.5	451.5	444.8	440.1	446.0	446.0	439.7	446.9
35°	467.1	476.4	488.7	496.3	490.8	490.8	495.4	492.5	494.6	501.8	506.0
37.5°	513.1	528.3	535.9	528.3	530.0	540.2	540.6	544.8	549.0	557.0	568.8
40°	571.8	579.4	573.9	573.5	586.2	589.5	597.1	611.9	618.2	629.6	634.7
42.5°	644.4	646.5	647.3	662.5	664.6	668.4	687.9	701.4	717.8	722.5	716.1
45°	734.3	733.0	752.0	762.5	765.1	791.7	799.3	809.4	820.4	810.7	826.7
47.5°	816.1	836.8	861.3	862.1	883.7	901.0	907.7	917.0	908.1	918.3	906.4
50°	912.8	949.9	946.1	976.9	993.8	997.2	1011.1	997.6	999.3	989.6	986.2
52.5°	1033.5	1049.1	1047.4	1090.4	1093.4	1105.2	1095.1	1087.1	1085.8	1073.1	1063.9
55°	1243.2	1222.5	1244.5	1260.5	1268.9	1273.6	1241.5	1255.4	1223.4	1222.9	1201.0
57.5°	1629.7	1625.9	1639.9	1622.2	1644.9	1609.1	1607.0	1578.7	1558.9	1558.4	1545.8
60°	2095.2	2154.3	2167.8	2150.9	2107.4	2090.6	2063.1	2039.1	2004.1	2007.0	1980.8
62.5°	2357.7	2439.1	2460.7	2471.6	2415.5	2390.2	2327.3	2287.2	2233.2	2215.9	2173.7
64°	2362.3	2443.8	2483.4	2500.3	2472.0	2432.4	2372.9	2312.5	2257.7	2212.5	2174.1
65°	2327.3	2397.4	2451.4	2468.3	2466.1	2413.8	2364.4	2293.1	2242.5	2180.0	2140.8
67.5°	2138.7	2200.7	2271.2	2299.0	2327.7	2309.6	2267.4	2198.2	2137.4	2062.3	2007.4
70°	1846.7	1900.7	1963.5	2004.1	2035.3	2050.5	2014.2	1961.0	1915.0	1826.8	1762.3
72.5°	1442.4	1451.2	1463.9	1465.6	1453.4	1447.4	1415.0	1418.7	1334.3	1280.8	1243.6
75°	716.5	687.0	615.3	588.7	527.9	492.0	450.7	434.2	391.2	379.0	346.0
77.5°	328.3	287.4	237.2	197.5	165.0	142.6	121.5	106.8	94.5	89.9	83.1
80°	321.6	289.1	250.2	221.1	186.9	156.1	127.0	99.6	80.2	68.4	60.8
82.5°	273.9	235.9	209.7	192.4	170.9	149.4	122.4	98.7	76.0	58.7	47.7
85°	112.3	91.6	77.6	70.5	62.9	55.3	47.7	40.9	36.7	31.2	28.3
87.5°	48.1	42.2	38.8	38.4	36.7	35.4	34.2	32.5	28.7	26.6	24.1
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):

	87°	88°	89°	90°	91°	92°	93°	94°	95°	96°	97°
0°	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
2.5°	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
5°	42.2	42.2	41.8	41.8	41.8	41.8	42.2	41.8	41.8	41.8	41.8
7.5°	44.7	44.7	44.7	44.7	44.7	44.7	44.7	45.2	44.7	44.7	45.2
10°	68.4	67.9	66.3	65.8	65.0	65.0	65.0	65.4	67.1	67.9	68.8
12.5°	74.7	75.5	76.4	74.7	75.5	73.4	74.7	75.5	75.1	75.5	74.7
15°	111.4	111.4	111.0	110.6	109.3	108.0	107.6	107.6	106.8	105.9	106.8
17.5°	147.7	147.7	145.6	143.9	143.9	135.0	141.4	139.3	140.5	134.6	150.7
20°	185.3	184.4	185.7	188.6	189.9	187.8	184.8	181.5	180.6	186.1	192.9
22.5°	239.3	237.6	232.9	227.0	226.2	225.8	231.3	231.3	231.7	234.2	238.4
25°	286.5	277.3	273.5	277.7	278.9	273.0	273.0	275.1	286.5	290.8	291.2
27.5°	344.3	341.4	338.9	333.8	331.7	340.1	344.8	339.7	338.0	344.3	344.3
30°	368.0	374.7	374.3	379.4	383.2	372.6	367.1	380.6	379.4	369.7	375.2
32.5°	454.5	457.9	462.5	468.8	464.2	470.9	463.8	458.3	467.1	465.5	459.1
35°	505.6	514.8	514.8	515.3	527.9	525.4	522.4	520.7	514.0	518.6	521.6
37.5°	568.0	562.1	567.2	573.5	576.0	579.0	579.8	581.9	573.1	567.2	558.7
40°	629.2	636.4	630.0	631.7	636.8	635.9	639.3	644.0	631.3	622.4	610.6
42.5°	721.2	718.7	717.0	714.4	708.5	714.4	708.5	695.0	698.0	684.9	668.0
45°	817.8	812.8	813.2	805.2	799.3	783.2	778.6	774.8	758.7	749.0	722.5
47.5°	907.3	903.5	890.0	892.9	874.8	855.8	844.0	838.1	816.1	790.0	773.9
50°	984.1	974.0	974.4	955.0	941.9	927.1	908.6	885.8	861.7	837.2	802.6
52.5°	1053.7	1052.9	1040.6	1027.1	1007.7	999.7	968.1	935.6	906.4	877.3	838.5
55°	1215.3	1200.6	1174.8	1168.1	1158.8	1110.3	1086.6	1047.0	1001.8	966.4	914.5
57.5°	1549.6	1530.2	1499.8	1496.8	1439.8	1401.0	1346.6	1300.2	1238.6	1178.2	1101.8
60°	1948.4	1919.7	1921.8	1877.9	1829.4	1782.9	1715.0	1649.2	1563.9	1460.5	1332.7
62.5°	2135.7	2107.9	2083.8	2034.0	1982.5	1931.5	1875.3	1787.2	1704.9	1584.2	1425.5
64°	2129.4	2095.2	2058.5	2008.3	1961.9	1902.4	1845.4	1765.2	1672.4	1560.5	1393.0
65°	2098.6	2060.6	2013.3	1965.2	1909.5	1854.2	1798.1	1725.5	1623.0	1514.5	1345.7
67.5°	1953.4	1904.5	1853.8	1807.4	1748.7	1693.9	1643.7	1578.3	1471.9	1355.4	1204.0
70°	1714.6	1654.2	1598.5	1568.6	1525.9	1477.0	1416.2	1361.4	1263.0	1147.4	1009.8
72.5°	1177.4	1107.7	1068.9	1081.6	1039.0	1023.8	1009.4	966.4	880.3	797.1	709.0
75°	368.4	340.6	322.0	344.8	329.2	354.5	346.5	338.9	316.1	306.4	275.6
77.5°	83.6	79.8	78.1	77.2	77.6	77.2	76.0	75.5	74.3	75.1	73.0
80°	57.8	55.3	54.4	53.2	52.3	51.1	49.8	49.4	49.0	48.1	47.7
82.5°	41.8	38.4	38.0	37.1	36.7	35.9	35.4	36.3	35.9	37.1	37.1
85°	27.0	25.3	24.5	24.9	24.5	25.3	25.7	26.6	27.9	29.1	31.2
87.5°	22.4	21.1	21.1	21.5	22.4	23.2	25.3	27.9	30.0	33.3	37.1
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°	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
2.5°	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.8	42.2	44.3
5°	41.8	42.2	41.8	42.2	42.2	42.2	42.6	42.6	53.6	65.0	45.6
7.5°	44.7	45.2	44.7	44.3	43.9	43.5	45.6	47.7	59.9	42.6	41.8
10°	69.2	69.6	70.1	74.3	80.6	89.5	91.2	91.2	66.3	57.8	65.0
12.5°	74.7	77.6	90.3	94.9	94.9	94.9	94.1	89.0	70.1	91.6	91.2
15°	114.4	123.6	124.1	124.5	124.1	116.0	108.5	106.3	109.3	98.3	93.7
17.5°	146.4	129.6	141.4	118.2	111.4	113.1	114.8	117.3	133.4	124.5	115.2
20°	196.2	196.6	184.8	180.6	177.7	177.2	178.1	179.8	169.6	139.7	128.7
22.5°	234.2	227.9	230.0	232.9	230.4	224.5	222.0	219.0	200.9	184.4	135.9
25°	281.5	280.2	277.3	276.8	283.2	287.0	284.0	279.8	251.1	185.3	145.2
27.5°	343.5	346.0	345.2	336.3	332.1	338.0	332.1	319.5	281.5	230.0	149.8
30°	375.6	381.5	384.4	384.0	373.9	373.9	370.9	379.4	309.7	224.1	153.6
32.5°	462.5	462.9	461.7	462.1	460.4	446.0	431.3	423.3	305.5	229.1	146.4
35°	510.2	506.4	507.2	498.8	488.7	478.1	462.5	443.1	327.0	210.2	129.1
37.5°	561.7	547.8	533.0	525.8	511.0	498.4	486.6	463.4	316.5	194.5	110.6
40°	597.5	593.3	565.5	547.3	537.2	517.4	497.1	482.3	296.7	161.6	93.7
42.5°	640.2	622.0	608.9	573.5	550.7	535.1	506.4	479.4	265.4	130.8	81.4
45°	693.3	658.3	630.0	607.3	559.6	530.0	503.0	470.5	225.8	106.8	73.8
47.5°	736.0	698.0	649.5	609.4	570.1	511.9	481.1	443.5	188.2	92.0	68.8
50°	772.3	718.7	663.8	601.8	551.1	490.8	441.4	411.4	155.3	80.2	62.9
52.5°	794.2	734.7	667.2	592.9	521.6	465.9	411.4	368.8	130.4	71.7	57.0
55°	841.0	775.2	688.3	599.2	513.6	445.6	395.8	343.5	115.6	64.1	52.3
57.5°	998.9	887.0	779.0	660.8	556.6	469.3	409.3	352.8	107.6	58.7	48.5
60°	1199.3	1047.4	893.4	741.4	612.7	507.7	425.8	366.7	99.2	55.3	46.4
62.5°	1264.3	1088.3	911.5	756.2	608.9	496.3	411.4	346.5	86.9	52.7	46.0
64°	1220.4	1042.8	871.4	713.6	573.9	462.5	380.6	314.0	78.5	51.9	47.7
65°	1170.2	995.1	833.9	679.8	543.5	433.0	352.4	290.3	73.0	51.5	49.4
67.5°	1025.0	863.4	708.5	564.2	445.6	350.3	273.0	218.2	61.2	52.7	55.3
70°	860.9	697.1	568.0	439.7	338.4	257.4	193.3	149.4	53.2	56.1	59.9
72.5°	610.6	474.7	391.2	295.4	223.2	162.9	123.2	94.1	46.8	54.4	55.7
75°	241.8	202.6	162.0	126.2	103.0	84.4	70.9	57.8	42.2	48.5	43.9
77.5°	67.9	63.7	59.1	53.2	49.8	46.8	43.9	41.8	38.0	40.9	32.9
80°	45.6	43.9	42.6	41.4	40.5	39.2	38.4	38.0	35.0	34.2	24.5
82.5°	36.7	36.7	37.1	37.1	37.6	38.0	38.0	38.0	34.2	30.4	20.3
85°	33.3	35.4	38.0	40.9	43.0	43.9	44.3	43.5	32.5	26.2	16.0
87.5°	41.4	46.0	50.6	54.9	55.7	57.4	54.9	53.6	26.2	21.1	10.1
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):

	145°	155°	165°	175°	180°
0°	40.9	40.9	40.9	40.9	40.9
2.5°	49.4	62.9	65.8	65.8	64.6
5°	42.2	41.8	40.5	40.5	40.5
7.5°	42.2	57.0	64.1	65.4	64.6
10°	64.6	66.7	66.3	65.0	64.6
12.5°	67.1	73.0	86.1	84.8	85.2
15°	109.7	83.1	81.9	79.3	79.3
17.5°	104.7	89.5	93.7	92.0	92.0
20°	115.6	104.2	88.2	87.8	85.7
22.5°	119.8	109.7	95.8	92.0	92.0
25°	123.2	101.3	88.6	94.1	94.1
27.5°	113.5	102.1	86.1	82.3	81.9
30°	116.0	92.4	85.7	81.0	80.6
32.5°	105.9	85.2	77.2	80.2	80.2
35°	94.5	80.6	75.5	76.4	76.4
37.5°	85.2	75.5	76.0	77.2	77.2
40°	76.8	73.0	76.8	78.5	78.1
42.5°	71.3	70.1	71.7	73.4	73.0
45°	66.3	65.4	67.1	67.9	67.5
47.5°	62.0	62.0	62.5	62.9	62.9
50°	57.8	58.7	58.7	58.7	58.2
52.5°	54.0	54.0	54.9	54.4	54.4
55°	50.2	50.6	51.9	51.1	50.6
57.5°	46.8	48.5	48.5	47.7	47.3
60°	45.2	46.8	46.0	44.3	43.9
62.5°	46.0	45.6	43.9	41.8	41.4
64°	47.3	45.6	43.0	40.5	40.5
65°	48.5	45.6	42.6	39.7	39.7
67.5°	53.6	48.1	45.2	39.2	38.4
70°	56.5	51.9	48.5	39.2	37.6
72.5°	51.5	49.0	48.5	38.4	36.3
75°	39.7	41.4	43.5	35.9	34.2
77.5°	30.4	35.0	40.5	31.2	28.7
80°	24.5	33.3	42.2	26.2	21.9
82.5°	21.1	40.1	43.5	21.5	18.1
85°	17.3	45.2	42.6	18.6	13.1
87.5°	12.7	21.5	28.7	16.9	10.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)