

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: P157126

Luminaire Tested: **UTLD-F01-LED-E-U-T2-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P157126
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-F01-LED-E-U-T2-7050
Description: TRADITIONAIRE LED DOWNLIGHT LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 AREA
Light Source: (7) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2268.3 lumens
Efficiency: N/A
Efficacy: 87.6 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): 25.9
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



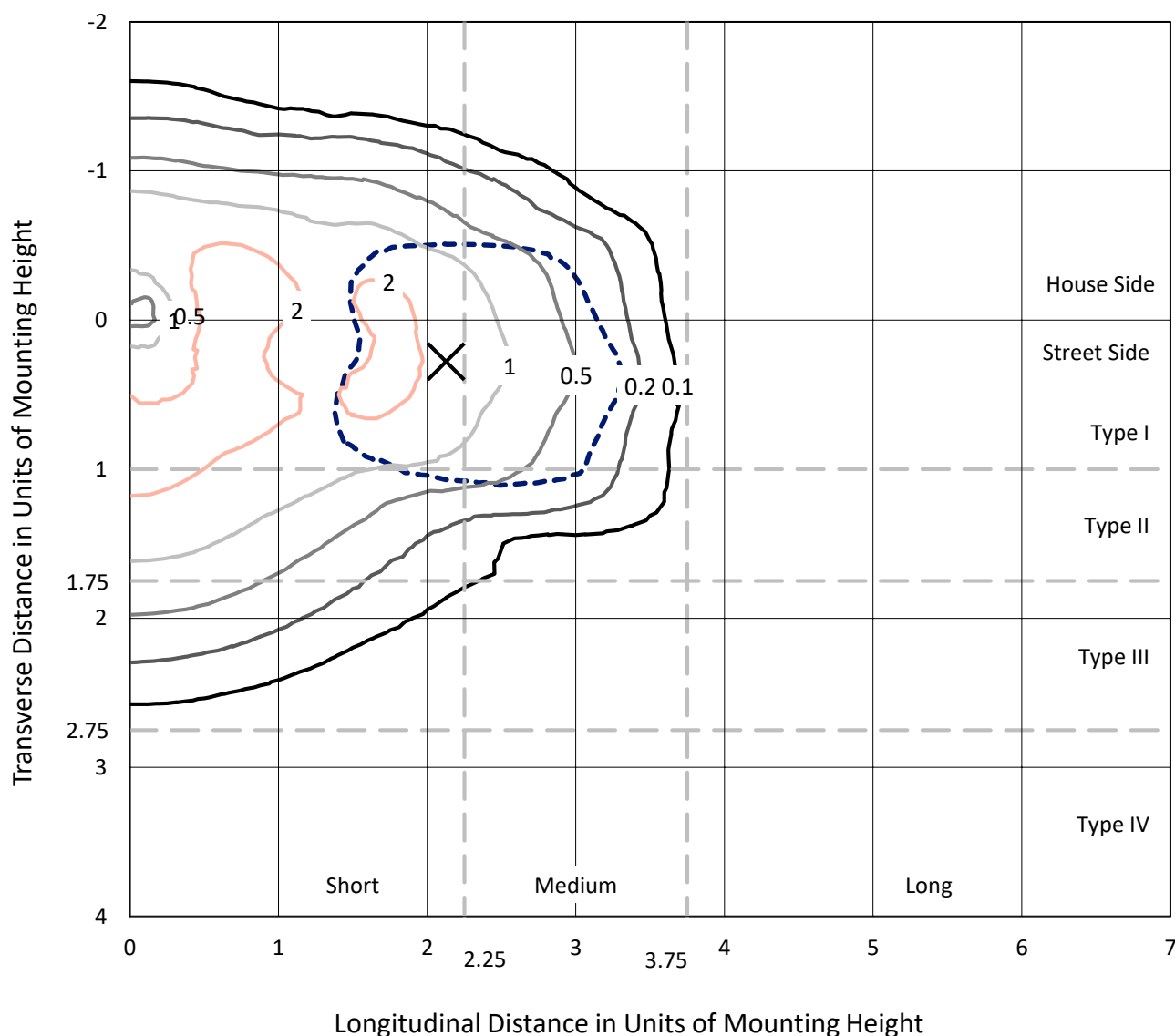
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

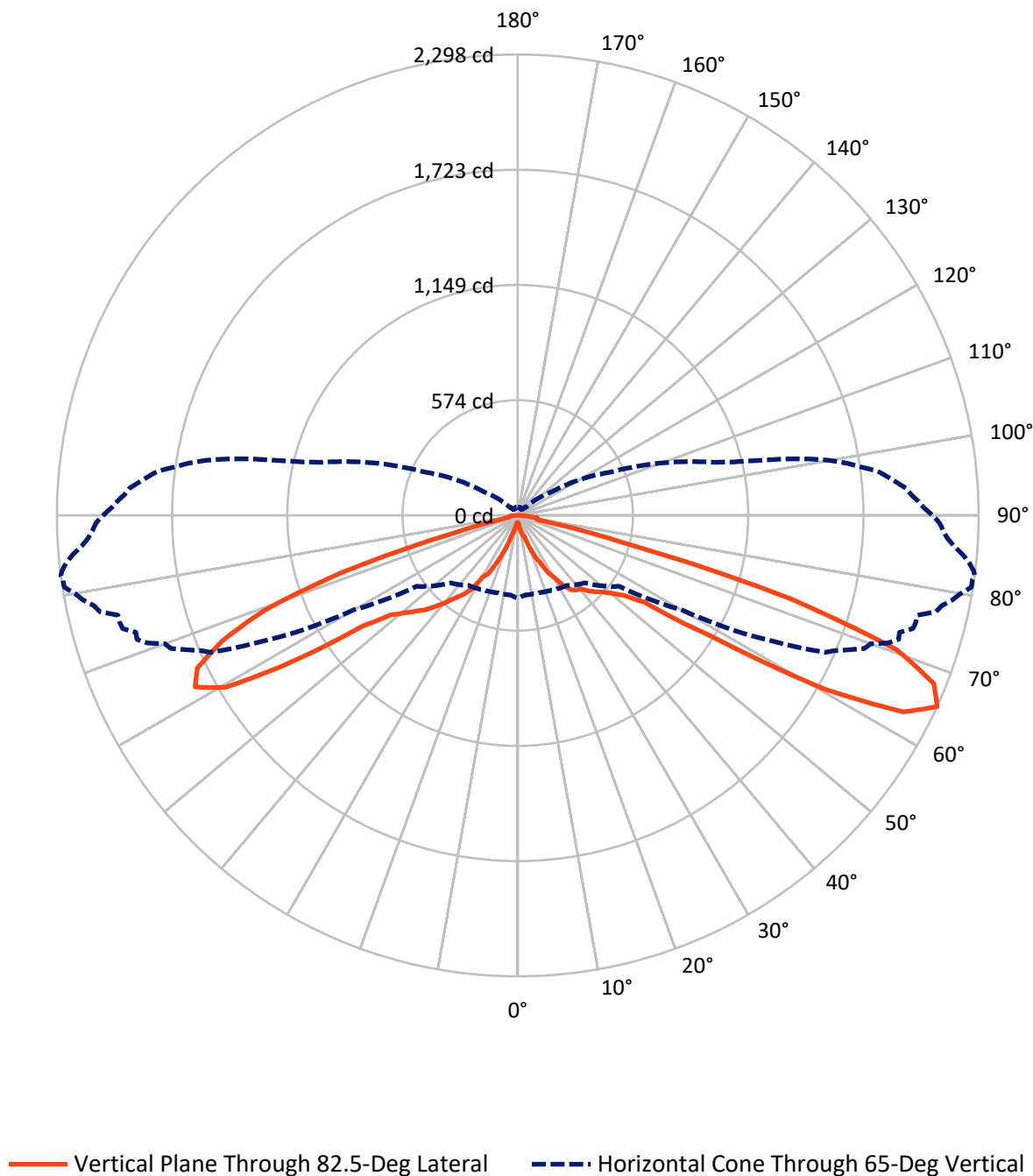


Based on 10 foot mounting height. Maximum calculated value = 2.7 fc
 Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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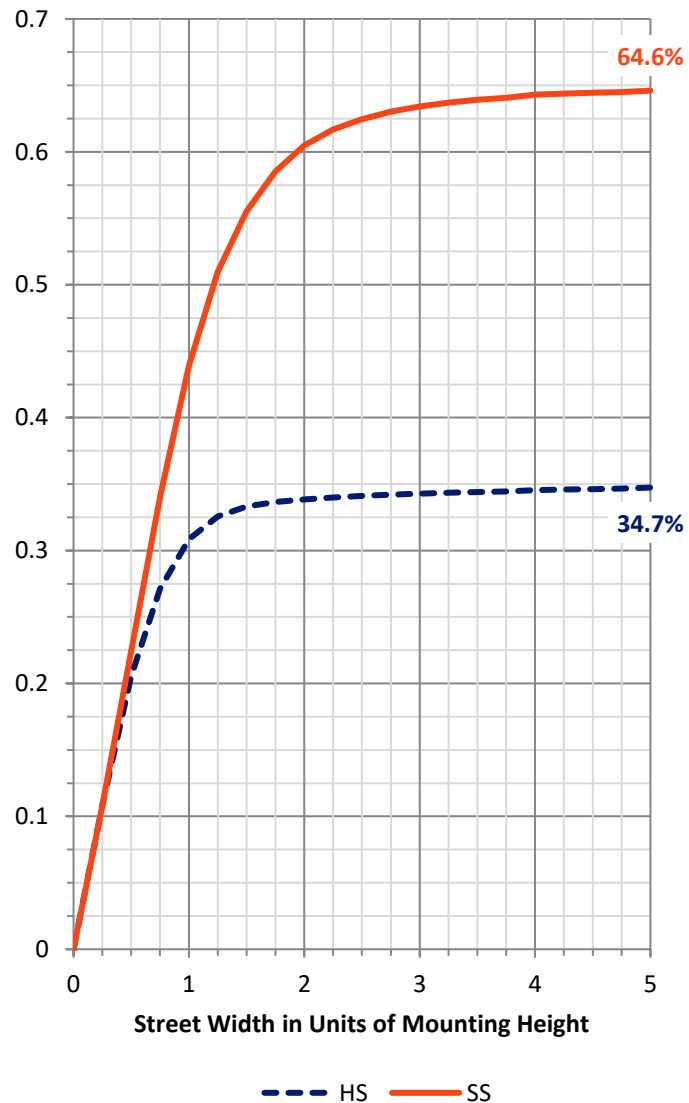
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	799.4	0.0	799.4
	% Fixture	35.2	0.0	35.2
Street Side	Lumens	1468.9	0.0	1468.9
	% Fixture	64.8	0.0	64.8
Total	Lumens	2268.3	0.0	2268.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.2	0.2
10°-20°	33.5	1.5
20°-30°	112.1	4.9
30°-40°	247.4	10.9
40°-50°	391.0	17.2
50°-60°	554.7	24.5
60°-70°	659.9	29.1
70°-80°	223.2	9.8
80°-90°	41.4	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°	2268.3	100.0
0°-180°	2268.3	100.0

Coefficient of Utilization



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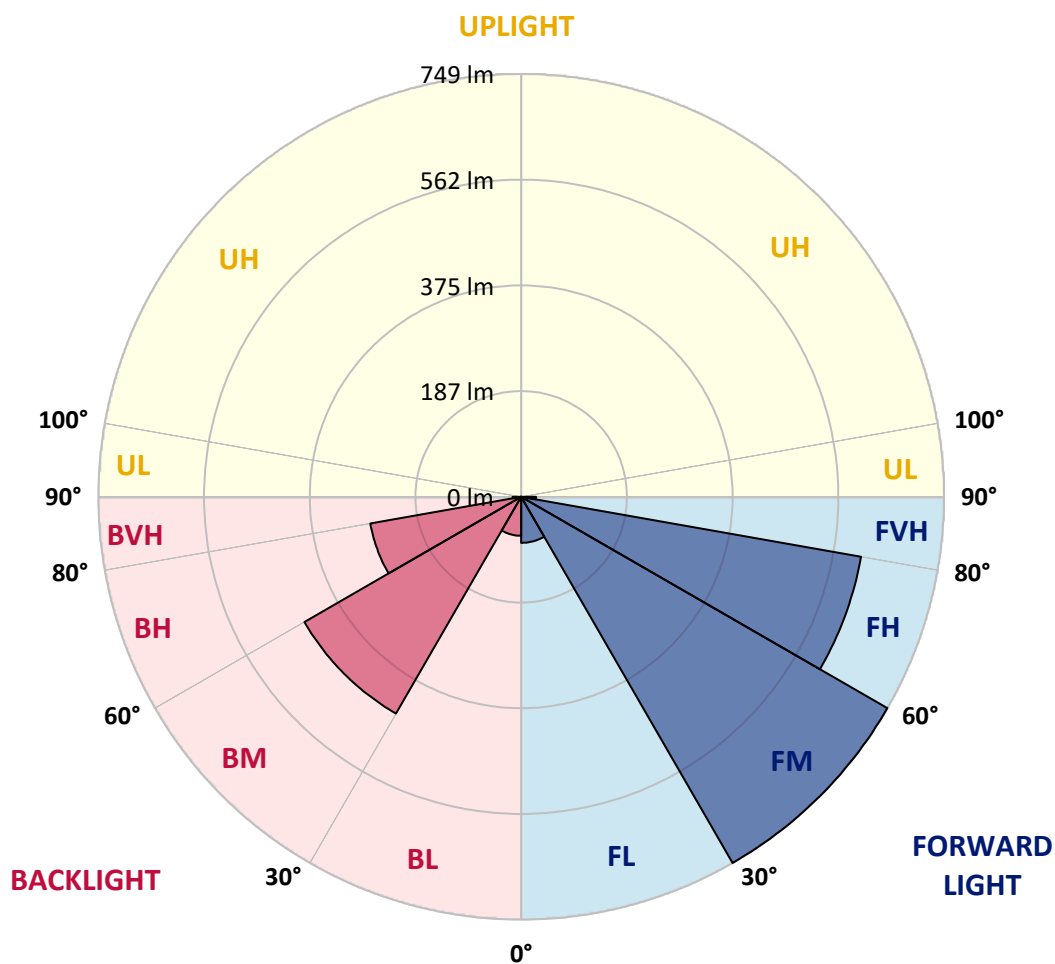
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	81.6	3.6			
FM	(30°-60°)	749.5	33.0			
FH	(60°-80°)	611.6	27.0			G0/660
FVH	(80°-90°)	26.2	1.2			G1/100
BL	(0°-30°)	69.1	3.0	B0/110		
BM	(30°-60°)	443.6	19.6	B1/1000		
BH	(60°-80°)	271.5	12.0	B1/500		G1/500
BVH	(80°-90°)	15.1	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°	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
2.5°	51.7	51.7	51.7	54.2	60.6	60.6	60.1	60.6	59.7	58.9	57.6
5°	53.8	55.1	54.2	53.8	52.9	52.5	52.1	51.7	51.7	52.5	54.6
7.5°	82.2	82.6	82.2	83.0	80.5	58.0	54.2	53.8	55.1	55.5	54.6
10°	97.8	91.5	89.4	87.7	85.6	81.7	81.3	79.2	78.4	77.9	75.8
12.5°	124.9	124.9	124.1	118.6	113.1	110.1	112.7	106.7	105.9	103.3	95.7
15°	164.8	164.3	136.4	130.0	146.1	138.9	117.3	124.1	130.9	130.0	130.4
17.5°	176.2	176.2	174.1	167.3	157.6	147.8	158.8	138.9	138.5	138.9	141.0
20°	218.5	218.5	210.1	195.3	186.4	176.6	170.3	185.9	180.9	177.0	174.1
22.5°	220.2	220.2	214.3	225.7	210.1	200.8	217.7	221.1	225.3	225.7	221.1
25°	254.5	255.0	249.0	232.1	234.6	230.0	239.3	262.2	262.2	258.4	269.4
27.5°	290.5	291.0	254.1	261.3	252.9	269.8	294.8	306.2	297.7	300.7	301.6
30°	307.5	307.9	305.8	303.3	293.1	299.9	312.6	323.2	328.7	349.0	342.6
32.5°	379.5	379.9	366.4	335.0	340.9	353.7	359.2	361.7	368.1	371.4	371.4
35°	465.0	463.8	439.2	411.7	393.9	391.3	398.1	419.7	430.7	420.1	424.8
37.5°	533.7	527.7	500.2	482.4	463.4	458.3	463.8	460.8	461.7	448.1	448.1
40°	581.1	581.5	566.3	551.0	522.2	531.1	515.9	511.6	500.2	497.7	486.6
42.5°	631.1	633.2	613.7	594.6	567.5	591.7	578.1	571.8	546.4	553.6	539.6
45°	683.2	684.9	662.4	636.2	612.4	649.3	646.3	635.7	622.6	623.9	609.0
47.5°	721.7	725.1	699.7	668.8	652.7	696.3	711.1	710.3	708.6	696.7	690.8
50°	744.2	746.3	718.3	695.4	675.5	731.4	778.0	785.7	799.2	775.9	791.6
52.5°	751.4	752.6	724.7	699.7	680.6	750.9	828.9	870.8	880.5	876.3	900.9
55°	731.4	733.1	712.4	689.9	673.0	753.9	869.5	951.3	957.2	969.5	1018.6
57.5°	698.8	698.0	693.8	670.0	668.3	751.4	903.4	1053.8	1057.2	1116.9	1205.0
60°	656.9	658.6	656.5	644.2	651.8	724.2	896.2	1111.4	1150.8	1242.7	1382.0
62.5°	591.3	594.2	585.3	568.4	574.3	630.6	811.5	1084.7	1176.6	1296.0	1465.4
65°	413.4	398.5	399.4	409.6	426.9	475.2	616.7	939.4	1084.3	1223.6	1446.8
67.5°	238.0	242.3	241.8	252.0	273.2	311.3	394.3	629.0	759.8	921.6	1202.0
70°	183.0	183.0	188.9	202.5	215.6	259.6	283.3	340.5	400.7	509.5	769.6
72.5°	137.6	137.2	142.7	155.4	181.7	237.6	331.6	235.5	243.5	264.7	416.3
75°	80.0	77.9	80.0	88.9	111.0	177.5	335.4	262.2	250.3	235.1	261.7
77.5°	41.5	41.5	43.6	45.7	56.8	91.1	241.8	320.2	310.0	284.2	266.8
80°	23.7	24.6	26.3	26.3	27.5	37.7	105.0	313.4	346.0	354.1	347.3
82.5°	11.9	13.6	18.6	18.6	18.2	19.1	39.4	183.8	250.3	310.5	418.5
85°	6.8	7.2	12.3	13.6	13.1	11.4	18.2	82.2	110.1	160.1	239.3
87.5°	2.5	3.8	5.9	6.8	7.6	5.9	10.6	23.3	31.3	43.2	52.9
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
2.5°	57.6	55.5	56.3	54.2	50.4	48.7	48.3	47.9	47.4	44.9	44.9
5°	56.3	56.8	58.0	58.4	58.4	58.9	59.7	59.3	59.7	58.9	58.4
7.5°	53.8	52.5	51.2	50.4	50.4	50.4	50.4	50.8	52.5	55.1	56.3
10°	75.4	75.4	75.8	75.0	76.2	75.8	75.8	75.4	75.4	75.8	75.8
12.5°	83.9	81.3	80.9	80.0	80.5	80.0	80.5	82.6	82.2	82.6	81.7
15°	133.0	132.6	132.1	130.0	123.2	117.3	116.0	115.2	110.5	108.8	108.0
17.5°	140.6	138.5	140.6	139.8	137.6	135.5	133.8	130.4	120.7	120.7	119.4
20°	177.0	182.1	183.8	193.1	191.9	195.3	195.3	194.0	194.4	193.1	188.1
22.5°	215.2	210.1	207.1	211.8	212.6	210.5	215.2	214.3	224.9	219.8	234.2
25°	270.6	281.7	288.4	282.1	279.1	280.4	284.2	279.5	282.1	280.4	281.2
27.5°	302.0	307.5	303.7	303.3	304.9	306.2	300.7	300.7	300.3	310.9	321.0
30°	351.5	346.9	346.9	349.4	353.2	353.2	348.6	347.3	352.0	347.7	352.8
32.5°	370.2	367.6	376.5	405.7	407.0	401.1	401.5	407.0	407.4	413.4	414.2
35°	419.7	426.9	432.0	433.3	428.2	427.8	433.3	436.2	442.2	442.6	447.7
37.5°	453.2	456.2	456.6	454.9	447.3	452.3	455.3	459.1	459.1	463.4	461.2
40°	490.5	491.7	491.3	477.8	475.6	481.6	483.3	482.0	481.6	482.4	480.7
42.5°	539.2	536.6	523.9	513.8	515.9	515.9	513.3	507.4	510.4	504.0	501.0
45°	602.7	596.3	576.0	567.1	567.5	559.5	549.8	548.5	540.4	532.8	540.0
47.5°	688.7	668.8	648.9	640.8	632.3	619.6	603.1	596.8	584.5	577.7	578.6
50°	791.6	761.9	748.8	750.5	733.6	709.8	696.3	676.8	654.4	652.2	642.9
52.5°	892.8	876.7	880.5	879.3	858.5	836.5	824.6	809.4	784.8	773.8	747.5
55°	997.4	1005.5	1027.9	1027.1	1016.9	1013.9	1008.0	994.9	998.7	970.7	938.1
57.5°	1197.3	1237.6	1291.4	1312.1	1310.0	1318.5	1339.2	1361.7	1379.0	1357.0	1360.4
60°	1436.6	1521.3	1601.4	1637.0	1697.1	1725.1	1771.7	1832.2	1873.3	1842.8	1895.3
62.5°	1558.6	1680.2	1741.2	1782.7	1862.3	1902.1	1963.1	2031.7	2048.7	2071.9	2130.4
65°	1571.3	1678.1	1722.1	1786.9	1850.4	1872.0	1952.9	1997.0	1990.6	2048.7	2055.0
67.5°	1380.7	1471.8	1541.7	1637.0	1685.3	1735.2	1802.2	1810.6	1837.3	1884.3	1851.3
70°	980.9	1128.3	1222.8	1332.9	1409.1	1489.6	1553.1	1558.6	1601.8	1616.6	1599.7
72.5°	530.7	674.7	788.2	923.7	1013.1	1105.0	1162.6	1196.1	1213.0	1190.6	1232.9
75°	299.0	357.9	431.2	501.5	572.2	607.4	634.0	646.7	618.8	610.3	609.5
77.5°	252.9	249.9	255.8	243.1	246.5	237.6	239.3	217.7	202.9	213.5	212.6
80°	310.5	282.5	249.9	205.8	176.2	149.9	135.1	130.9	136.4	150.8	160.9
82.5°	412.5	407.4	353.7	297.3	249.9	199.9	161.8	139.8	142.3	152.1	170.7
85°	283.3	295.6	262.2	245.7	202.0	169.4	139.8	112.2	102.9	98.3	93.6
87.5°	57.2	50.0	44.9	42.4	36.8	32.6	29.2	26.7	27.1	25.4	25.0
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):

	76°	77°	78°	79°	80°	81°	82°	82.5°	83°	84°	85°
0°	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
2.5°	42.4	40.2	40.7	39.4	38.5	38.1	39.4	39.4	39.0	38.5	36.8
5°	57.6	57.2	55.5	53.4	50.8	46.2	43.6	41.5	40.2	39.8	39.0
7.5°	57.2	56.8	56.3	56.3	56.3	55.9	55.9	54.6	53.4	49.6	41.1
10°	75.8	77.9	82.6	85.1	85.1	84.7	82.2	81.7	81.3	80.9	77.5
12.5°	81.7	79.6	79.6	80.0	83.0	86.0	87.7	86.8	86.8	86.8	85.6
15°	107.6	107.6	107.2	107.2	107.2	108.0	107.6	110.1	111.8	111.0	111.4
17.5°	119.4	121.1	120.3	120.3	117.7	113.1	122.0	111.4	111.0	124.9	136.8
20°	180.9	180.4	177.9	177.0	175.3	174.5	175.8	176.2	176.6	176.2	178.7
22.5°	232.9	225.7	220.2	219.0	224.5	226.6	224.1	224.5	222.8	223.2	219.4
25°	283.3	277.0	283.3	276.6	271.9	267.3	266.8	264.3	267.7	269.4	274.5
27.5°	328.2	331.6	331.2	335.0	329.1	324.0	324.4	322.3	326.1	330.4	325.7
30°	353.7	356.6	354.9	350.3	352.4	353.7	361.7	360.4	358.7	349.4	345.2
32.5°	417.6	416.3	412.9	415.9	425.7	430.7	418.0	415.1	415.5	421.0	417.6
35°	445.1	445.1	446.0	459.1	462.5	453.2	452.8	455.3	460.8	450.6	444.7
37.5°	459.1	462.1	473.5	476.9	466.7	466.7	474.4	472.2	467.6	466.3	471.8
40°	479.9	492.2	496.0	485.8	486.2	493.4	485.8	480.3	484.1	496.8	497.2
42.5°	512.5	517.6	507.0	505.3	515.4	506.6	506.6	514.2	518.8	518.0	522.6
45°	544.2	534.9	528.6	537.9	531.5	524.3	541.3	543.0	543.0	547.6	554.4
47.5°	574.3	559.1	565.4	561.6	547.6	567.1	570.9	570.5	573.0	581.1	579.0
50°	618.8	608.2	606.1	586.6	598.5	606.1	605.7	610.7	615.4	612.9	631.5
52.5°	709.8	706.0	670.5	658.6	664.5	657.8	664.5	661.1	660.7	676.4	677.7
55°	907.2	885.6	823.4	820.8	788.6	761.9	770.8	762.4	766.2	776.3	783.5
57.5°	1359.1	1295.2	1277.8	1268.9	1205.8	1133.8	1126.2	1136.4	1135.1	1119.0	1145.7
60°	1896.2	1851.3	1899.1	1864.4	1815.3	1791.6	1756.8	1755.6	1740.7	1728.5	1700.5
62.5°	2092.7	2149.5	2194.3	2196.0	2207.1	2194.8	2177.4	2156.7	2159.6	2125.3	2114.3
65°	2054.6	2138.4	2161.7	2207.5	2241.8	2289.2	2290.1	2297.7	2290.9	2263.8	2225.7
67.5°	1927.5	1967.8	1993.6	2047.8	2116.0	2178.7	2229.9	2237.6	2242.2	2226.5	2170.2
70°	1673.8	1690.8	1727.2	1781.8	1864.4	1926.7	1996.6	2003.8	2018.6	2002.1	1962.7
72.5°	1239.3	1234.2	1253.2	1290.9	1329.9	1373.1	1417.6	1420.5	1453.2	1420.5	1375.2
75°	576.0	561.2	548.9	546.8	551.4	564.2	562.9	545.9	541.3	502.7	475.2
77.5°	197.4	192.3	182.1	166.5	148.7	127.1	111.4	103.8	96.6	86.0	82.2
80°	174.1	185.5	184.2	172.0	151.2	126.6	103.3	91.9	82.2	66.1	59.7
82.5°	200.8	226.2	245.2	232.1	199.5	162.2	117.7	98.3	80.5	54.6	44.5
85°	96.1	94.9	104.2	88.5	83.9	61.4	46.2	39.0	35.6	29.2	27.1
87.5°	25.4	25.8	26.7	26.7	25.8	24.1	23.7	22.9	22.4	20.8	19.5
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):

	86°	87°	88°	89°	90°	91°	92°	93°	94°	95°	96°
0°	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
2.5°	36.8	36.4	36.4	36.0	36.0	36.0	36.0	36.0	35.6	35.6	35.6
5°	39.4	39.4	39.0	37.7	36.8	36.8	36.4	36.4	36.0	36.0	36.0
7.5°	37.7	37.3	36.8	37.3	38.1	38.5	38.5	38.1	37.7	38.1	38.1
10°	65.6	61.0	59.7	59.3	58.4	58.4	58.0	57.2	55.9	55.5	55.5
12.5°	83.4	67.8	65.6	65.2	64.4	64.0	63.5	61.4	60.6	61.4	61.8
15°	111.0	105.0	92.3	92.8	93.2	92.8	92.8	91.9	90.6	89.4	89.4
17.5°	128.3	133.0	117.7	122.4	119.0	122.8	120.7	119.0	121.6	111.8	114.8
20°	177.5	177.5	170.7	160.5	161.8	163.5	165.6	165.2	163.1	159.3	157.6
22.5°	222.8	220.2	222.8	216.4	214.3	217.3	204.1	210.9	208.8	211.3	211.8
25°	276.6	277.4	268.5	260.9	254.5	255.4	260.5	259.2	252.9	255.0	261.3
27.5°	321.0	324.4	330.8	321.9	316.4	314.7	313.0	314.3	323.2	322.3	314.7
30°	349.4	344.8	343.5	347.7	354.9	349.4	356.6	345.6	342.2	352.8	352.4
32.5°	404.5	411.3	417.6	416.3	417.2	424.8	420.6	421.4	418.5	415.5	421.4
35°	451.9	452.3	448.1	454.0	452.3	454.5	460.0	460.4	462.1	461.2	461.7
37.5°	471.4	474.8	476.5	465.9	477.3	478.2	483.3	487.5	496.0	502.3	505.3
40°	502.7	500.6	496.8	508.2	497.7	504.4	516.7	524.8	534.1	546.8	551.0
42.5°	527.7	527.7	534.5	531.5	544.7	542.1	556.1	569.7	581.5	584.5	607.4
45°	554.8	567.5	568.8	575.6	584.1	599.7	601.0	612.0	625.1	641.7	649.3
47.5°	595.9	597.2	612.9	621.8	633.6	647.2	654.8	658.6	675.1	688.7	697.1
50°	630.2	651.8	661.1	675.5	691.2	698.0	709.8	719.2	725.5	734.4	739.9
52.5°	694.2	708.6	729.3	743.3	759.0	770.4	780.6	797.5	797.9	797.1	803.0
55°	800.9	830.6	863.2	873.8	903.8	918.2	936.0	946.2	961.4	946.2	950.0
57.5°	1164.7	1212.2	1238.4	1273.6	1301.1	1321.9	1326.9	1339.2	1361.3	1358.7	1344.7
60°	1731.8	1737.4	1758.1	1784.8	1783.1	1807.2	1792.0	1810.6	1777.6	1773.8	1739.5
62.5°	2094.4	2083.4	2081.3	2078.3	2068.6	2050.8	2027.9	2009.7	1980.5	1938.1	1908.9
65°	2178.7	2144.4	2121.1	2102.9	2066.9	2028.7	1998.3	1964.4	1940.2	1896.2	1852.1
67.5°	2113.0	2071.1	2029.2	1974.5	1935.1	1888.1	1842.8	1813.2	1768.7	1744.1	1672.6
70°	1916.9	1841.5	1771.2	1700.5	1666.2	1603.1	1560.7	1539.1	1494.7	1467.6	1414.6
72.5°	1339.2	1278.2	1175.7	1122.0	1110.5	1064.8	1046.1	1036.0	1014.4	989.8	962.3
75°	452.3	431.6	405.7	353.7	368.1	347.7	334.6	353.7	346.5	346.9	333.3
77.5°	79.2	76.7	73.3	69.5	68.2	69.5	67.8	70.3	70.7	72.0	70.7
80°	56.8	53.8	51.7	50.0	48.7	49.1	47.9	48.3	47.9	48.3	47.9
82.5°	40.7	39.0	36.8	35.6	35.2	35.6	34.7	36.0	36.8	38.1	39.4
85°	25.4	25.0	23.7	23.3	23.3	22.9	23.3	25.0	26.7	28.8	30.1
87.5°	18.2	18.2	17.4	18.2	18.2	19.1	20.3	22.4	24.6	26.7	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):

	97°	98°	99°	100°	101°	102°	103°	104°	105°	115°	125°
0°	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
2.5°	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.2	35.2	35.6	35.6
5°	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	37.3	55.9
7.5°	37.7	37.7	37.7	37.3	37.3	37.3	37.7	38.1	37.7	53.4	36.4
10°	56.3	57.2	58.0	57.6	58.0	58.4	58.9	58.9	64.4	56.8	39.0
12.5°	62.3	62.3	62.7	62.3	61.8	67.8	80.0	80.0	80.5	62.7	62.3
15°	88.1	86.8	88.1	91.9	103.8	105.5	105.9	105.5	100.4	93.6	89.8
17.5°	105.9	100.8	106.3	116.0	105.5	105.0	98.7	94.0	95.7	116.9	121.1
20°	160.1	166.0	169.0	174.1	170.3	160.1	156.3	156.7	155.9	159.7	135.1
22.5°	209.2	216.9	216.0	213.9	208.0	214.3	216.9	200.8	197.8	210.5	218.1
25°	271.9	268.1	268.9	264.7	262.6	263.4	266.0	278.3	277.8	301.1	242.7
27.5°	324.9	329.9	326.5	327.0	334.6	329.5	338.0	338.0	355.3	329.1	325.3
30°	346.9	352.0	361.7	364.2	371.9	376.5	375.7	378.6	379.9	397.7	354.9
32.5°	432.9	427.8	435.4	446.8	451.1	454.9	466.7	465.5	458.7	440.5	405.3
35°	472.2	483.3	483.3	484.5	503.2	504.4	503.2	510.4	504.9	493.0	427.3
37.5°	511.2	515.4	529.0	531.1	528.2	542.1	542.6	538.7	544.2	522.6	468.0
40°	557.4	563.3	565.4	577.3	571.4	569.7	585.8	579.8	576.0	549.8	480.3
42.5°	609.9	608.2	611.6	612.4	618.8	612.0	611.6	624.7	614.6	572.2	479.0
45°	662.8	655.6	652.2	652.7	651.8	655.2	644.6	651.8	653.1	584.1	468.0
47.5°	696.3	705.6	697.1	689.9	685.3	685.7	682.3	665.8	678.9	587.9	450.6
50°	748.4	747.5	746.7	730.6	725.9	717.0	712.8	701.0	691.6	575.6	431.6
52.5°	806.8	805.1	807.3	793.3	775.5	764.5	751.8	740.8	719.2	563.3	410.4
55°	951.3	947.5	936.0	932.2	899.6	871.6	836.9	815.7	796.7	562.5	385.8
57.5°	1340.5	1323.1	1293.5	1270.6	1209.2	1150.3	1096.1	1034.3	991.5	609.5	367.2
60°	1699.7	1677.6	1639.5	1565.8	1501.9	1398.5	1300.3	1218.9	1144.4	659.0	346.0
62.5°	1844.5	1798.3	1742.0	1669.2	1560.3	1460.4	1326.1	1232.1	1138.0	629.8	292.2
65°	1808.5	1731.0	1662.0	1580.2	1476.0	1351.1	1214.3	1101.2	1019.5	508.7	202.9
67.5°	1637.0	1565.8	1496.8	1400.6	1285.4	1146.1	1028.8	911.9	838.6	362.1	113.1
70°	1370.1	1315.9	1232.1	1138.9	1034.3	907.6	788.2	686.6	613.7	221.1	55.1
72.5°	941.9	895.8	860.6	781.4	675.5	561.2	493.8	414.6	371.0	113.1	36.4
75°	340.5	344.3	317.2	303.3	268.5	216.4	190.6	160.5	140.2	51.2	36.0
77.5°	79.2	77.9	82.2	84.3	78.4	71.6	64.4	59.3	55.5	40.2	38.1
80°	48.3	47.9	47.4	47.0	46.6	46.2	45.7	44.9	44.0	39.4	38.5
82.5°	40.2	40.7	40.7	40.7	41.1	41.1	41.5	41.5	41.1	39.4	39.0
85°	31.3	32.6	33.9	35.2	36.8	38.5	39.4	39.8	39.8	38.5	38.5
87.5°	31.3	33.0	35.2	37.7	40.2	42.4	44.0	44.9	44.9	39.0	38.1
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°	36.4	36.4	36.4	36.4	36.4	36.4
2.5°	37.7	36.8	37.3	40.2	38.5	37.7
5°	56.8	44.0	36.8	36.4	36.0	35.6
7.5°	37.7	37.7	38.5	47.9	52.9	55.9
10°	42.4	60.6	63.5	62.3	62.7	61.8
12.5°	85.6	64.4	67.3	75.8	88.1	88.1
15°	92.8	113.1	91.9	92.8	91.5	91.5
17.5°	121.6	120.7	97.8	118.2	119.9	119.9
20°	153.7	139.3	144.8	127.1	124.9	124.5
22.5°	166.0	172.0	153.3	155.9	155.9	155.0
25°	221.1	193.6	180.9	160.9	178.7	174.9
27.5°	257.5	214.3	211.8	190.2	187.6	185.9
30°	305.4	268.5	226.2	216.4	216.0	214.3
32.5°	331.6	280.0	244.8	223.2	238.9	238.0
35°	361.3	291.8	259.2	243.1	232.1	230.4
37.5°	363.0	296.9	251.2	246.9	243.5	242.3
40°	367.6	286.7	250.3	246.5	243.1	241.8
42.5°	354.1	272.8	238.0	224.1	217.7	216.0
45°	335.4	251.2	212.6	196.9	189.3	187.6
47.5°	313.4	231.7	185.5	171.1	160.5	157.6
50°	290.5	206.3	158.8	141.5	131.3	127.9
52.5°	265.6	174.1	129.2	114.4	103.8	101.6
55°	235.5	140.2	100.8	90.6	84.3	82.6
57.5°	196.5	105.5	77.1	72.4	69.5	68.6
60°	150.8	74.1	58.0	59.3	58.0	58.9
62.5°	103.3	49.1	44.5	48.3	48.7	48.7
65°	60.1	35.6	36.0	40.7	41.1	41.5
67.5°	36.8	29.6	31.3	36.0	36.4	36.4
70°	30.9	27.5	29.2	33.9	34.3	34.3
72.5°	30.1	27.5	28.4	33.0	33.5	33.9
75°	30.5	27.1	28.4	33.0	32.6	32.2
77.5°	31.3	27.1	28.0	33.0	33.5	31.3
80°	30.9	26.3	26.7	35.2	33.9	28.8
82.5°	29.6	24.6	23.7	37.3	30.1	25.8
85°	27.5	22.0	19.5	40.7	29.6	18.6
87.5°	15.7	18.2	14.4	35.6	27.1	14.8
90°	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)