

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: P157121

Luminaire Tested: **UTLD-E01-LED-E-U-T2-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P157121
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-T2-7050
Description: TRADITIONAIRE LED DOWNLIGHT LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 AREA
Light Source: (21) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2747.7 lumens
Efficiency: N/A
Efficacy: 111.2 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



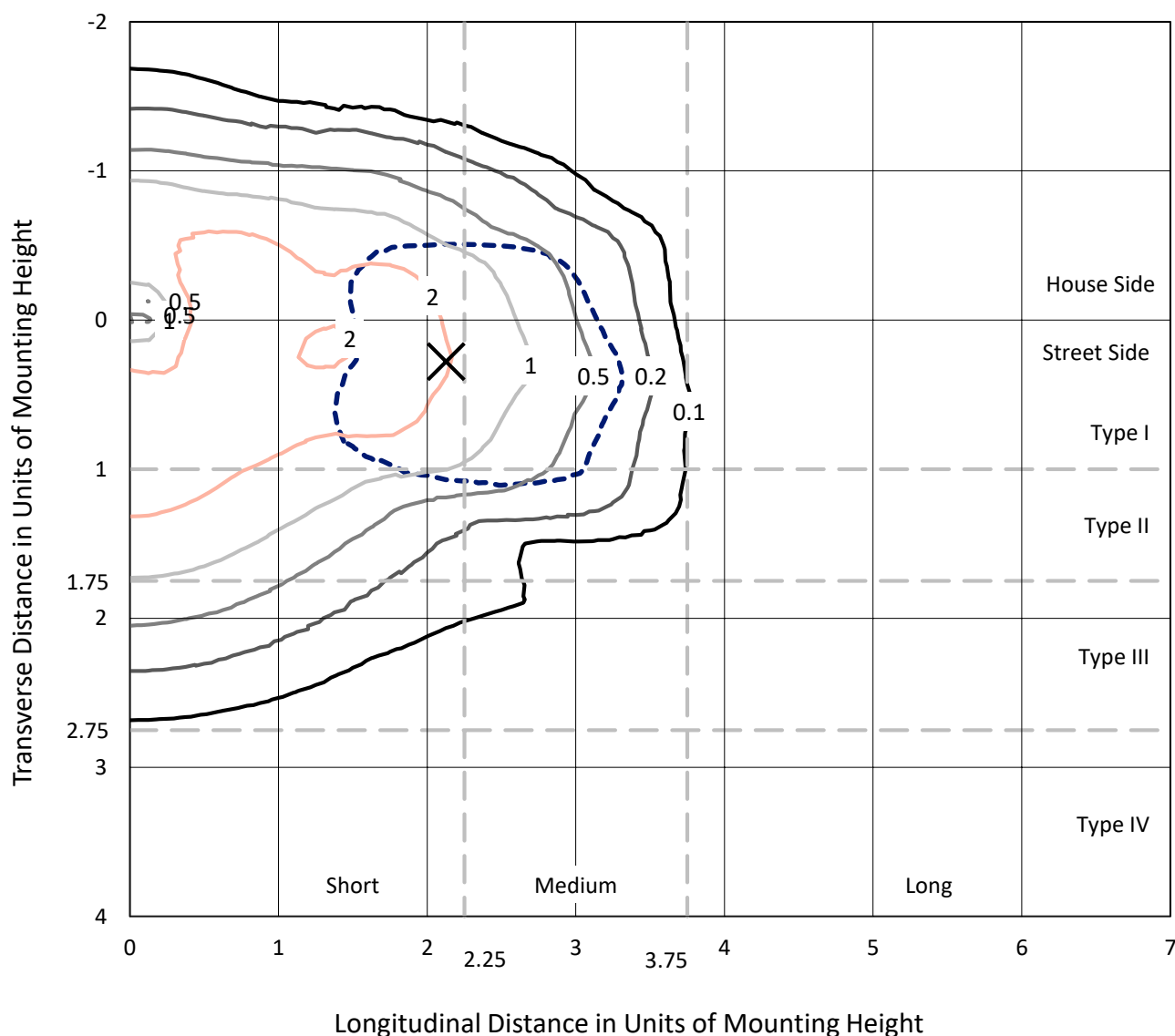
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

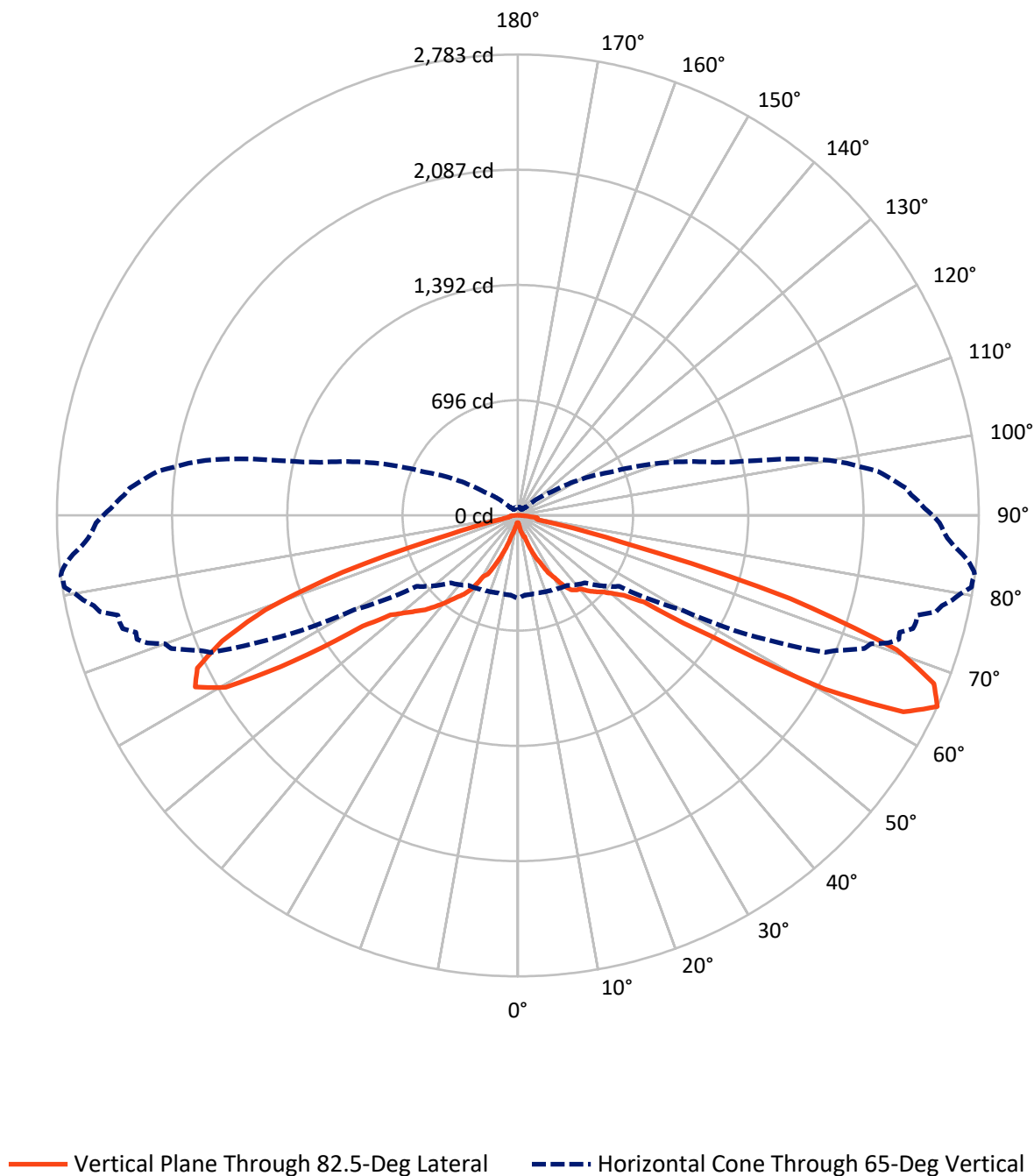


Based on 10 foot mounting height. Maximum calculated value = 3.3 fc
Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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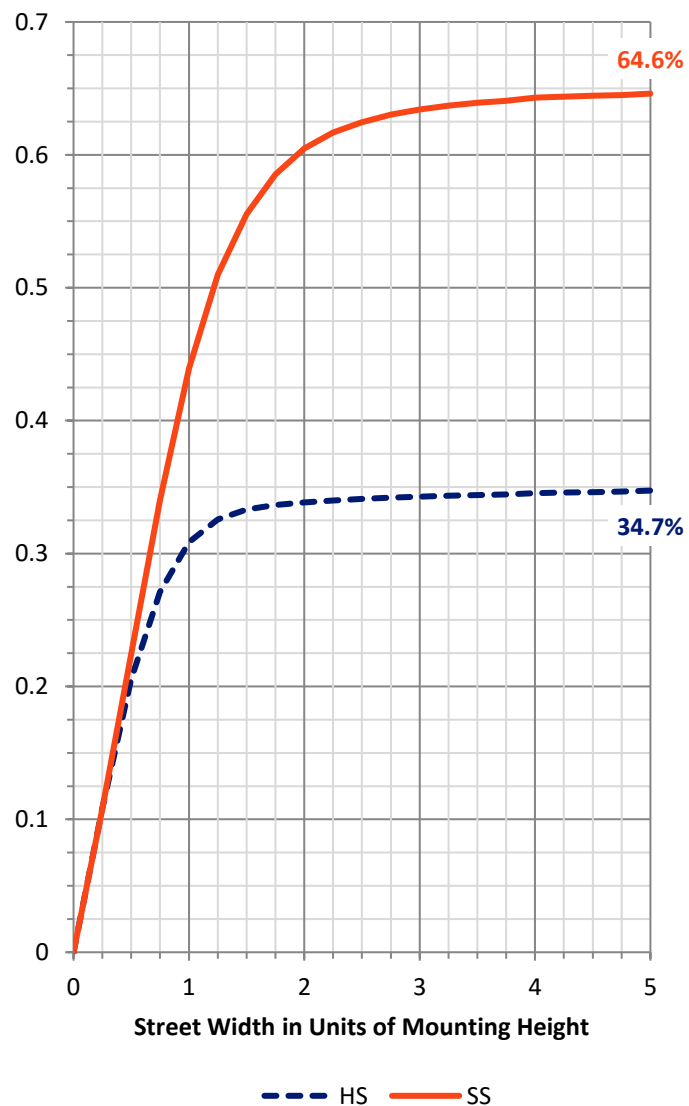
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	968.3	0.0	968.3
	% Fixture	35.2	0.0	35.2
Street Side	Lumens	1779.4	0.0	1779.4
	% Fixture	64.8	0.0	64.8
Total	Lumens	2747.7	0.0	2747.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.2	0.2
10°-20°	40.5	1.5
20°-30°	135.8	4.9
30°-40°	299.7	10.9
40°-50°	473.6	17.2
50°-60°	671.9	24.5
60°-70°	799.4	29.1
70°-80°	270.3	9.8
80°-90°	50.1	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°	2747.7	100.0
0°-180°	2747.7	100.0

Coefficient of Utilization



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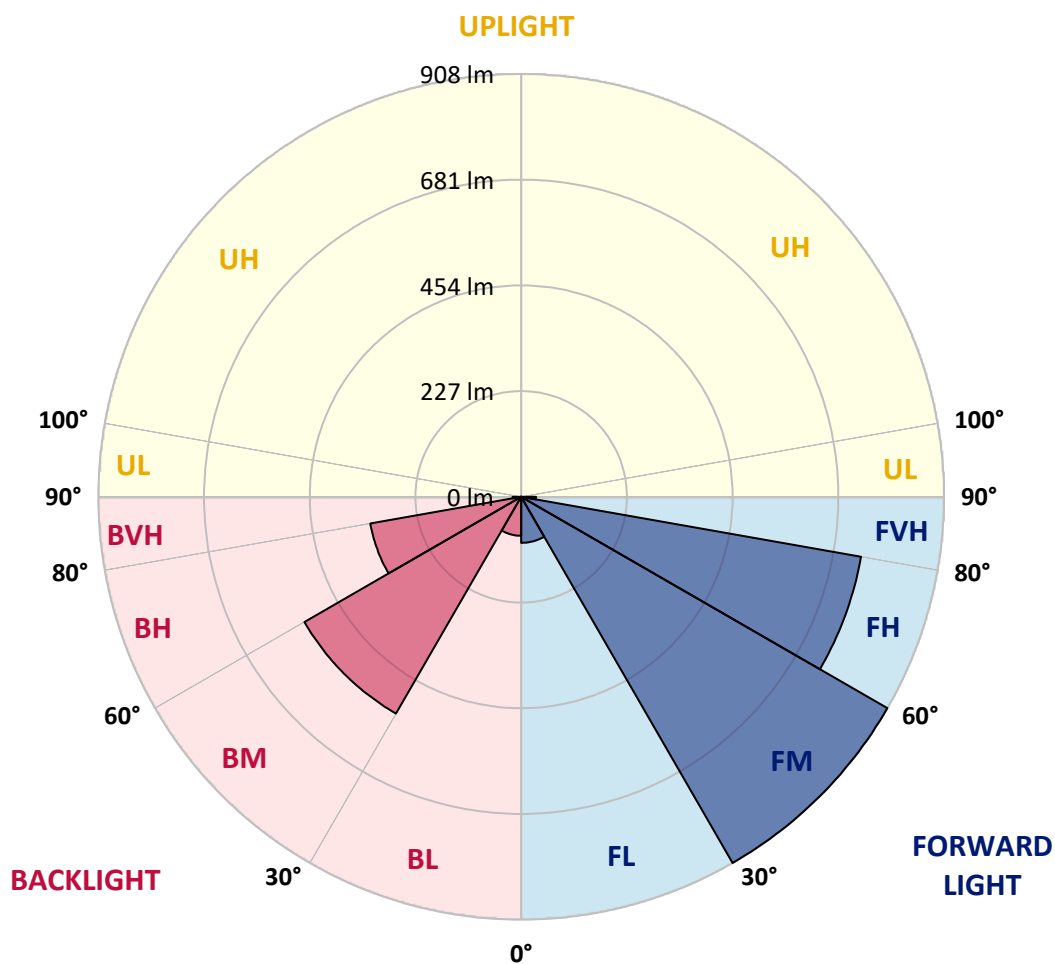
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	98.9	3.6			
FM	(30°-60°)	907.9	33.0			
FH	(60°-80°)	740.9	27.0			G1/1800
FVH	(80°-90°)	31.8	1.2			G1/100
BL	(0°-30°)	83.7	3.0	B0/110		
BM	(30°-60°)	537.4	19.6	B1/1000		
BH	(60°-80°)	328.9	12.0	B1/500		G1/500
BVH	(80°-90°)	18.3	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°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
2.5°	62.6	62.6	62.6	65.7	73.4	73.4	72.9	73.4	72.3	71.3	69.8
5°	65.2	66.7	65.7	65.2	64.1	63.6	63.1	62.6	62.6	63.6	66.2
7.5°	99.5	100.0	99.5	100.6	97.5	70.3	65.7	65.2	66.7	67.2	66.2
10°	118.5	110.8	108.3	106.2	103.6	99.0	98.5	95.9	94.9	94.4	91.8
12.5°	151.4	151.4	150.3	143.7	137.0	133.4	136.5	129.3	128.3	125.2	115.9
15°	199.6	199.1	165.2	157.5	177.0	168.3	142.1	150.3	158.5	157.5	158.0
17.5°	213.4	213.4	210.9	202.7	190.9	179.1	192.4	168.3	167.8	168.3	170.8
20°	264.7	264.7	254.5	236.5	225.7	213.9	206.2	225.2	219.1	214.5	210.9
22.5°	266.8	266.8	259.6	273.5	254.5	243.2	263.7	267.8	272.9	273.5	267.8
25°	308.3	308.9	301.7	281.2	284.2	278.6	289.9	317.6	317.6	313.0	326.3
27.5°	352.0	352.5	307.8	316.6	306.3	326.8	357.1	370.9	360.7	364.3	365.3
30°	372.5	373.0	370.4	367.3	355.0	363.2	378.6	391.5	398.1	422.8	415.1
32.5°	459.7	460.2	443.8	405.8	413.0	428.4	435.1	438.1	445.8	449.9	449.9
35°	563.3	561.8	532.0	498.7	477.1	474.1	482.3	508.4	521.8	508.9	514.6
37.5°	646.4	639.3	605.9	584.4	561.3	555.1	561.8	558.2	559.2	542.8	542.8
40°	703.9	704.4	686.0	667.5	632.6	643.4	624.9	619.8	605.9	602.8	589.5
42.5°	764.4	767.0	743.4	720.3	687.5	716.7	700.3	692.6	661.8	670.6	653.6
45°	827.6	829.6	802.4	770.6	741.9	786.5	782.9	770.1	754.2	755.7	737.8
47.5°	874.2	878.3	847.6	810.1	790.6	843.5	861.4	860.4	858.3	844.0	836.8
50°	901.4	904.0	870.1	842.4	818.3	886.0	942.5	951.7	968.1	939.9	958.9
52.5°	910.2	911.7	877.8	847.6	824.5	909.6	1004.0	1054.8	1066.6	1061.5	1091.3
55°	886.0	888.1	863.0	835.8	815.2	913.2	1053.3	1152.3	1159.5	1174.4	1233.9
57.5°	846.5	845.5	840.4	811.6	809.6	910.2	1094.3	1276.5	1280.6	1352.9	1459.6
60°	795.7	797.8	795.2	780.4	789.6	877.3	1085.6	1346.3	1394.0	1505.3	1674.1
62.5°	716.2	719.8	709.0	688.5	695.7	763.9	983.0	1313.9	1425.3	1569.9	1775.2
65°	500.7	482.8	483.8	496.1	517.2	575.6	747.0	1138.0	1313.4	1482.2	1752.6
67.5°	288.3	293.5	293.0	305.3	330.9	377.1	477.7	761.9	920.4	1116.4	1456.0
70°	221.6	221.6	228.8	245.2	261.1	314.5	343.2	412.5	485.3	617.2	932.2
72.5°	166.7	166.2	172.9	188.3	220.1	287.8	401.7	285.3	295.0	320.7	504.3
75°	97.0	94.4	97.0	107.7	134.4	215.0	406.3	317.6	303.2	284.7	317.1
77.5°	50.3	50.3	52.8	55.4	68.7	110.3	293.0	387.9	375.6	344.3	323.2
80°	28.7	29.8	31.8	31.8	33.3	45.7	127.2	379.7	419.2	428.9	420.7
82.5°	14.4	16.4	22.6	22.6	22.1	23.1	47.7	222.7	303.2	376.1	506.9
85°	8.2	8.7	14.9	16.4	15.9	13.9	22.1	99.5	133.4	193.9	289.9
87.5°	3.1	4.6	7.2	8.2	9.2	7.2	12.8	28.2	38.0	52.3	64.1
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°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
2.5°	69.8	67.2	68.2	65.7	61.1	59.0	58.5	58.0	57.5	54.4	54.4
5°	68.2	68.7	70.3	70.8	70.8	71.3	72.3	71.8	72.3	71.3	70.8
7.5°	65.2	63.6	62.1	61.1	61.1	61.1	61.1	61.6	63.6	66.7	68.2
10°	91.3	91.3	91.8	90.8	92.3	91.8	91.8	91.3	91.3	91.8	91.8
12.5°	101.6	98.5	98.0	97.0	97.5	97.0	97.5	100.0	99.5	100.0	99.0
15°	161.1	160.6	160.1	157.5	149.3	142.1	140.6	139.6	133.9	131.9	130.8
17.5°	170.3	167.8	170.3	169.3	166.7	164.2	162.1	158.0	146.2	146.2	144.7
20°	214.5	220.6	222.7	234.0	232.4	236.5	236.5	235.0	235.5	234.0	227.8
22.5°	260.6	254.5	250.9	256.5	257.6	255.0	260.6	259.6	272.4	266.3	283.7
25°	327.8	341.2	349.4	341.7	338.1	339.6	344.3	338.6	341.7	339.6	340.7
27.5°	365.8	372.5	367.9	367.3	369.4	370.9	364.3	364.3	363.8	376.6	388.9
30°	425.8	420.2	420.2	423.3	427.9	427.9	422.2	420.7	426.3	421.2	427.4
32.5°	448.4	445.3	456.1	491.5	493.0	485.9	486.4	493.0	493.6	500.7	501.8
35°	508.4	517.2	523.3	524.9	518.7	518.2	524.9	528.4	535.6	536.1	542.3
37.5°	549.0	552.6	553.1	551.0	541.8	547.9	551.5	556.1	556.1	561.3	558.7
40°	594.1	595.7	595.1	578.7	576.2	583.3	585.4	583.9	583.3	584.4	582.3
42.5°	653.1	650.0	634.6	622.3	624.9	624.9	621.8	614.6	618.2	610.5	606.9
45°	730.1	722.4	697.8	687.0	687.5	677.7	665.9	664.4	654.7	645.4	654.1
47.5°	834.2	810.1	786.0	776.2	766.0	750.6	730.6	722.9	708.0	699.8	700.8
50°	958.9	923.0	907.1	909.1	888.6	859.9	843.5	819.9	792.7	790.1	778.8
52.5°	1081.5	1062.0	1066.6	1065.1	1040.0	1013.3	998.9	980.4	950.7	937.3	905.5
55°	1208.2	1218.0	1245.2	1244.2	1231.8	1228.2	1221.1	1205.2	1209.8	1175.9	1136.4
57.5°	1450.4	1499.1	1564.3	1589.4	1586.9	1597.1	1622.3	1649.5	1670.5	1643.8	1647.9
60°	1740.3	1842.9	1939.9	1982.9	2055.8	2089.7	2146.1	2219.5	2269.2	2232.3	2295.9
62.5°	1888.0	2035.3	2109.2	2159.4	2255.9	2304.1	2378.0	2461.1	2481.6	2509.9	2580.7
65°	1903.4	2032.7	2086.1	2164.6	2241.5	2267.7	2365.7	2419.0	2411.3	2481.6	2489.3
67.5°	1672.6	1782.9	1867.5	1982.9	2041.4	2102.0	2183.0	2193.3	2225.6	2282.6	2242.6
70°	1188.2	1366.8	1481.2	1614.6	1706.9	1804.4	1881.4	1888.0	1940.4	1958.3	1937.8
72.5°	642.9	817.3	954.8	1119.0	1227.2	1338.6	1408.3	1448.9	1469.4	1442.2	1493.5
75°	362.2	433.5	522.3	607.5	693.1	735.7	768.0	783.4	749.6	739.3	738.3
77.5°	306.3	302.7	309.9	294.5	298.6	287.8	289.9	263.7	245.8	258.6	257.6
80°	376.1	342.2	302.7	249.3	213.4	181.6	163.7	158.5	165.2	182.6	195.0
82.5°	499.7	493.6	428.4	360.2	302.7	242.2	196.0	169.3	172.4	184.2	206.8
85°	343.2	358.1	317.6	297.6	244.7	205.2	169.3	136.0	124.7	119.0	113.4
87.5°	69.3	60.5	54.4	51.3	44.6	39.5	35.4	32.3	32.8	30.8	30.3
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°	82.5°	83°	84°	85°
0°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
2.5°	51.3	48.7	49.3	47.7	46.7	46.2	47.7	47.7	47.2	46.7	44.6
5°	69.8	69.3	67.2	64.6	61.6	55.9	52.8	50.3	48.7	48.2	47.2
7.5°	69.3	68.7	68.2	68.2	68.2	67.7	67.7	66.2	64.6	60.0	49.8
10°	91.8	94.4	100.0	103.1	103.1	102.6	99.5	99.0	98.5	98.0	93.9
12.5°	99.0	96.5	96.5	97.0	100.6	104.1	106.2	105.2	105.2	105.2	103.6
15°	130.3	130.3	129.8	129.8	129.8	130.8	130.3	133.4	135.4	134.4	134.9
17.5°	144.7	146.7	145.7	145.7	142.6	137.0	147.8	134.9	134.4	151.4	165.7
20°	219.1	218.6	215.5	214.5	212.4	211.4	212.9	213.4	213.9	213.4	216.5
22.5°	282.2	273.5	266.8	265.2	271.9	274.5	271.4	271.9	269.9	270.4	265.8
25°	343.2	335.5	343.2	335.0	329.4	323.7	323.2	320.1	324.2	326.3	332.5
27.5°	397.6	401.7	401.2	405.8	398.6	392.5	393.0	390.4	395.1	400.2	394.5
30°	428.4	432.0	429.9	424.3	426.9	428.4	438.1	436.6	434.6	423.3	418.1
32.5°	505.9	504.3	500.2	503.8	515.6	521.8	506.4	502.8	503.3	510.0	505.9
35°	539.2	539.2	540.2	556.1	560.3	549.0	548.5	551.5	558.2	545.9	538.7
37.5°	556.1	559.7	573.6	577.7	565.4	565.4	574.6	572.1	566.4	564.9	571.5
40°	581.3	596.2	600.8	588.5	589.0	597.7	588.5	581.8	586.4	601.8	602.3
42.5°	620.8	627.0	614.1	612.1	624.4	613.6	613.6	622.8	628.5	627.5	633.1
45°	659.3	648.0	640.3	651.6	643.9	635.2	655.7	657.7	657.7	663.4	671.6
47.5°	695.7	677.2	684.9	680.3	663.4	687.0	691.6	691.1	694.2	703.9	701.3
50°	749.6	736.7	734.2	710.6	724.9	734.2	733.7	739.8	745.5	742.4	765.0
52.5°	859.9	855.3	812.2	797.8	805.0	796.8	805.0	800.9	800.4	819.3	820.9
55°	1099.0	1072.8	997.4	994.3	955.3	923.0	933.8	923.5	928.1	940.4	949.1
57.5°	1646.4	1568.9	1547.9	1537.1	1460.7	1373.4	1364.2	1376.5	1375.0	1355.5	1387.8
60°	2296.9	2242.6	2300.5	2258.5	2198.9	2170.2	2128.1	2126.6	2108.6	2093.8	2059.9
62.5°	2535.0	2603.7	2658.1	2660.2	2673.5	2658.6	2637.6	2612.5	2616.1	2574.5	2561.2
65°	2488.8	2590.4	2618.6	2674.0	2715.6	2773.0	2774.1	2783.3	2775.1	2742.3	2696.1
67.5°	2334.9	2383.6	2414.9	2480.6	2563.2	2639.1	2701.2	2710.5	2716.1	2697.1	2628.9
70°	2027.6	2048.1	2092.2	2158.4	2258.5	2333.9	2418.5	2427.3	2445.2	2425.2	2377.5
72.5°	1501.2	1495.0	1518.1	1563.8	1611.0	1663.3	1717.2	1720.8	1760.3	1720.8	1665.9
75°	697.8	679.8	664.9	662.4	668.0	683.4	681.8	661.3	655.7	609.0	575.6
77.5°	239.1	232.9	220.6	201.6	180.1	153.9	134.9	125.7	117.0	104.1	99.5
80°	210.9	224.7	223.2	208.3	183.2	153.4	125.2	111.3	99.5	80.0	72.3
82.5°	243.2	274.0	297.1	281.2	241.6	196.5	142.6	119.0	97.5	66.2	53.9
85°	116.5	114.9	126.2	107.2	101.6	74.4	55.9	47.2	43.1	35.4	32.8
87.5°	30.8	31.3	32.3	32.3	31.3	29.2	28.7	27.7	27.2	25.1	23.6
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°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
2.5°	44.6	44.1	44.1	43.6	43.6	43.6	43.6	43.6	43.1	43.1	43.1
5°	47.7	47.7	47.2	45.7	44.6	44.6	44.1	44.1	43.6	43.6	43.6
7.5°	45.7	45.1	44.6	45.1	46.2	46.7	46.7	46.2	45.7	46.2	46.2
10°	79.5	73.9	72.3	71.8	70.8	70.8	70.3	69.3	67.7	67.2	67.2
12.5°	101.1	82.1	79.5	79.0	78.0	77.5	77.0	74.4	73.4	74.4	74.9
15°	134.4	127.2	111.8	112.4	112.9	112.4	112.4	111.3	109.8	108.3	108.3
17.5°	155.5	161.1	142.6	148.3	144.2	148.8	146.2	144.2	147.2	135.4	139.0
20°	215.0	215.0	206.8	194.4	196.0	198.0	200.6	200.1	197.5	192.9	190.9
22.5°	269.9	266.8	269.9	262.2	259.6	263.2	247.3	255.5	252.9	256.0	256.5
25°	335.0	336.0	325.3	316.0	308.3	309.4	315.5	314.0	306.3	308.9	316.6
27.5°	388.9	393.0	400.7	389.9	383.3	381.2	379.1	380.7	391.5	390.4	381.2
30°	423.3	417.6	416.1	421.2	429.9	423.3	432.0	418.7	414.5	427.4	426.9
32.5°	490.0	498.2	505.9	504.3	505.4	514.6	509.5	510.5	506.9	503.3	510.5
35°	547.4	547.9	542.8	550.0	547.9	550.5	557.2	557.7	559.7	558.7	559.2
37.5°	571.0	575.1	577.2	564.4	578.2	579.2	585.4	590.5	600.8	608.5	612.1
40°	609.0	606.4	601.8	615.7	602.8	611.0	625.9	635.7	647.0	662.4	667.5
42.5°	639.3	639.3	647.5	643.9	659.8	656.7	673.6	690.1	704.4	708.0	735.7
45°	672.1	687.5	689.0	697.2	707.5	726.5	728.0	741.4	757.3	777.3	786.5
47.5°	721.9	723.4	742.4	753.2	767.5	783.9	793.2	797.8	817.8	834.2	844.5
50°	763.4	789.6	800.9	818.3	837.3	845.5	859.9	871.2	878.9	889.6	896.3
52.5°	840.9	858.3	883.5	900.4	919.4	933.2	945.6	966.1	966.6	965.6	972.7
55°	970.2	1006.1	1045.6	1058.4	1094.9	1112.3	1133.8	1146.2	1164.6	1146.2	1150.8
57.5°	1410.9	1468.4	1500.2	1542.7	1576.1	1601.2	1607.4	1622.3	1649.0	1645.9	1628.9
60°	2097.9	2104.5	2129.7	2162.0	2160.0	2189.2	2170.7	2193.3	2153.3	2148.7	2107.1
62.5°	2537.0	2523.7	2521.1	2517.5	2505.7	2484.2	2456.5	2434.4	2399.0	2347.7	2312.3
65°	2639.1	2597.6	2569.4	2547.3	2503.7	2457.5	2420.6	2379.5	2350.3	2296.9	2243.6
67.5°	2559.6	2508.8	2458.0	2391.9	2344.1	2287.2	2232.3	2196.4	2142.5	2112.8	2026.0
70°	2322.1	2230.8	2145.6	2059.9	2018.3	1941.9	1890.6	1864.4	1810.6	1777.7	1713.6
72.5°	1622.3	1548.4	1424.2	1359.1	1345.2	1289.8	1267.2	1254.9	1228.8	1199.0	1165.7
75°	547.9	522.8	491.5	428.4	445.8	421.2	405.3	428.4	419.7	420.2	403.8
77.5°	95.9	92.9	88.8	84.1	82.6	84.1	82.1	85.2	85.7	87.2	85.7
80°	68.7	65.2	62.6	60.5	59.0	59.5	58.0	58.5	58.0	58.5	58.0
82.5°	49.3	47.2	44.6	43.1	42.6	43.1	42.1	43.6	44.6	46.2	47.7
85°	30.8	30.3	28.7	28.2	28.2	27.7	28.2	30.3	32.3	34.9	36.4
87.5°	22.1	22.1	21.0	22.1	22.1	23.1	24.6	27.2	29.8	32.3	35.4
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°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
2.5°	43.1	43.1	43.1	43.1	43.1	43.1	43.1	42.6	42.6	43.1	43.1
5°	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	45.1	67.7
7.5°	45.7	45.7	45.7	45.1	45.1	45.1	45.7	46.2	45.7	64.6	44.1
10°	68.2	69.3	70.3	69.8	70.3	70.8	71.3	71.3	78.0	68.7	47.2
12.5°	75.4	75.4	75.9	75.4	74.9	82.1	97.0	97.0	97.5	75.9	75.4
15°	106.7	105.2	106.7	111.3	125.7	127.8	128.3	127.8	121.6	113.4	108.8
17.5°	128.3	122.1	128.8	140.6	127.8	127.2	119.5	113.9	115.9	141.6	146.7
20°	193.9	201.1	204.7	210.9	206.2	193.9	189.3	189.8	188.8	193.4	163.7
22.5°	253.4	262.7	261.7	259.1	251.9	259.6	262.7	243.2	239.6	255.0	264.2
25°	329.4	324.8	325.8	320.7	318.1	319.1	322.2	337.1	336.6	364.8	294.0
27.5°	393.5	399.7	395.6	396.1	405.3	399.2	409.4	409.4	430.5	398.6	394.0
30°	420.2	426.3	438.1	441.2	450.5	456.1	455.1	458.7	460.2	481.8	429.9
32.5°	524.3	518.2	527.4	541.3	546.4	551.0	565.4	563.8	555.6	533.6	491.0
35°	572.1	585.4	585.4	586.9	609.5	611.0	609.5	618.2	611.6	597.2	517.7
37.5°	619.3	624.4	640.8	643.4	639.8	656.7	657.2	652.6	659.3	633.1	566.9
40°	675.2	682.4	684.9	699.3	692.1	690.1	709.6	702.4	697.8	665.9	581.8
42.5°	738.8	736.7	740.8	741.9	749.6	741.4	740.8	756.8	744.4	693.1	580.3
45°	802.9	794.2	790.1	790.6	789.6	793.7	780.9	789.6	791.1	707.5	566.9
47.5°	843.5	854.7	844.5	835.8	830.1	830.6	826.5	806.5	822.4	712.1	545.9
50°	906.6	905.5	904.5	885.0	879.4	868.6	863.5	849.1	837.8	697.2	522.8
52.5°	977.4	975.3	977.9	960.9	939.4	926.1	910.7	897.3	871.2	682.4	497.1
55°	1152.3	1147.7	1133.8	1129.2	1089.7	1055.9	1013.8	988.1	965.1	681.3	467.4
57.5°	1623.8	1602.8	1566.9	1539.2	1464.8	1393.5	1327.8	1252.9	1201.1	738.3	444.8
60°	2058.9	2032.2	1986.0	1896.8	1819.3	1694.1	1575.1	1476.6	1386.3	798.3	419.2
62.5°	2234.3	2178.4	2110.2	2021.9	1890.1	1769.0	1606.4	1492.5	1378.6	762.9	354.0
65°	2190.7	2096.8	2013.2	1914.2	1788.0	1636.6	1470.9	1333.9	1234.9	616.2	245.8
67.5°	1982.9	1896.8	1813.1	1696.7	1557.1	1388.3	1246.2	1104.6	1015.8	438.7	137.0
70°	1659.7	1594.1	1492.5	1379.6	1252.9	1099.5	954.8	831.7	743.4	267.8	66.7
72.5°	1141.0	1085.1	1042.5	946.6	818.3	679.8	598.2	502.3	449.4	137.0	44.1
75°	412.5	417.1	384.3	367.3	325.3	262.2	230.9	194.4	169.8	62.1	43.6
77.5°	95.9	94.4	99.5	102.1	94.9	86.7	78.0	71.8	67.2	48.7	46.2
80°	58.5	58.0	57.5	56.9	56.4	55.9	55.4	54.4	53.4	47.7	46.7
82.5°	48.7	49.3	49.3	49.3	49.8	49.8	50.3	50.3	49.8	47.7	47.2
85°	38.0	39.5	41.0	42.6	44.6	46.7	47.7	48.2	48.2	46.7	46.7
87.5°	38.0	40.0	42.6	45.7	48.7	51.3	53.4	54.4	54.4	47.2	46.2
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):

	135°	145°	155°	165°	175°	180°
0°	44.1	44.1	44.1	44.1	44.1	44.1
2.5°	45.7	44.6	45.1	48.7	46.7	45.7
5°	68.7	53.4	44.6	44.1	43.6	43.1
7.5°	45.7	45.7	46.7	58.0	64.1	67.7
10°	51.3	73.4	77.0	75.4	75.9	74.9
12.5°	103.6	78.0	81.6	91.8	106.7	106.7
15°	112.4	137.0	111.3	112.4	110.8	110.8
17.5°	147.2	146.2	118.5	143.1	145.2	145.2
20°	186.2	168.8	175.5	153.9	151.4	150.8
22.5°	201.1	208.3	185.7	188.8	188.8	187.8
25°	267.8	234.5	219.1	195.0	216.5	211.9
27.5°	311.9	259.6	256.5	230.4	227.3	225.2
30°	369.9	325.3	274.0	262.2	261.7	259.6
32.5°	401.7	339.1	296.5	270.4	289.4	288.3
35°	437.6	353.5	314.0	294.5	281.2	279.1
37.5°	439.7	359.6	304.2	299.1	295.0	293.5
40°	445.3	347.3	303.2	298.6	294.5	293.0
42.5°	428.9	330.4	288.3	271.4	263.7	261.7
45°	406.3	304.2	257.6	238.6	229.3	227.3
47.5°	379.7	280.6	224.7	207.3	194.4	190.9
50°	352.0	249.9	192.4	171.4	159.0	154.9
52.5°	321.7	210.9	156.5	138.5	125.7	123.1
55°	285.3	169.8	122.1	109.8	102.1	100.0
57.5°	238.1	127.8	93.4	87.7	84.1	83.1
60°	182.6	89.8	70.3	71.8	70.3	71.3
62.5°	125.2	59.5	53.9	58.5	59.0	59.0
65°	72.9	43.1	43.6	49.3	49.8	50.3
67.5°	44.6	35.9	38.0	43.6	44.1	44.1
70°	37.5	33.3	35.4	41.0	41.6	41.6
72.5°	36.4	33.3	34.4	40.0	40.5	41.0
75°	36.9	32.8	34.4	40.0	39.5	39.0
77.5°	38.0	32.8	33.9	40.0	40.5	38.0
80°	37.5	31.8	32.3	42.6	41.0	34.9
82.5°	35.9	29.8	28.7	45.1	36.4	31.3
85°	33.3	26.7	23.6	49.3	35.9	22.6
87.5°	19.0	22.1	17.4	43.1	32.8	18.0
90°	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)