

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: P695698

Luminaire Tested: **LXF.LXT-PA16-60-750-U-SL3-FL**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695698
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-29)
Test Lab: INNOVATION CENTER
Issue Date: 7/5/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-PA16-60-750-U-SL3-FL
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 5000K, 1160mA LIGHTSQUARE WITH 16 LEDS AND TYPE III SPILL
LIGHT ELIMINATOR OPTICS AND FROSTED LENS PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6013 lumens
Efficiency: N/A
Efficacy: 97.0 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')
IES Classification: Type IV - Medium
BUG Rating: B1 - U3 - G3

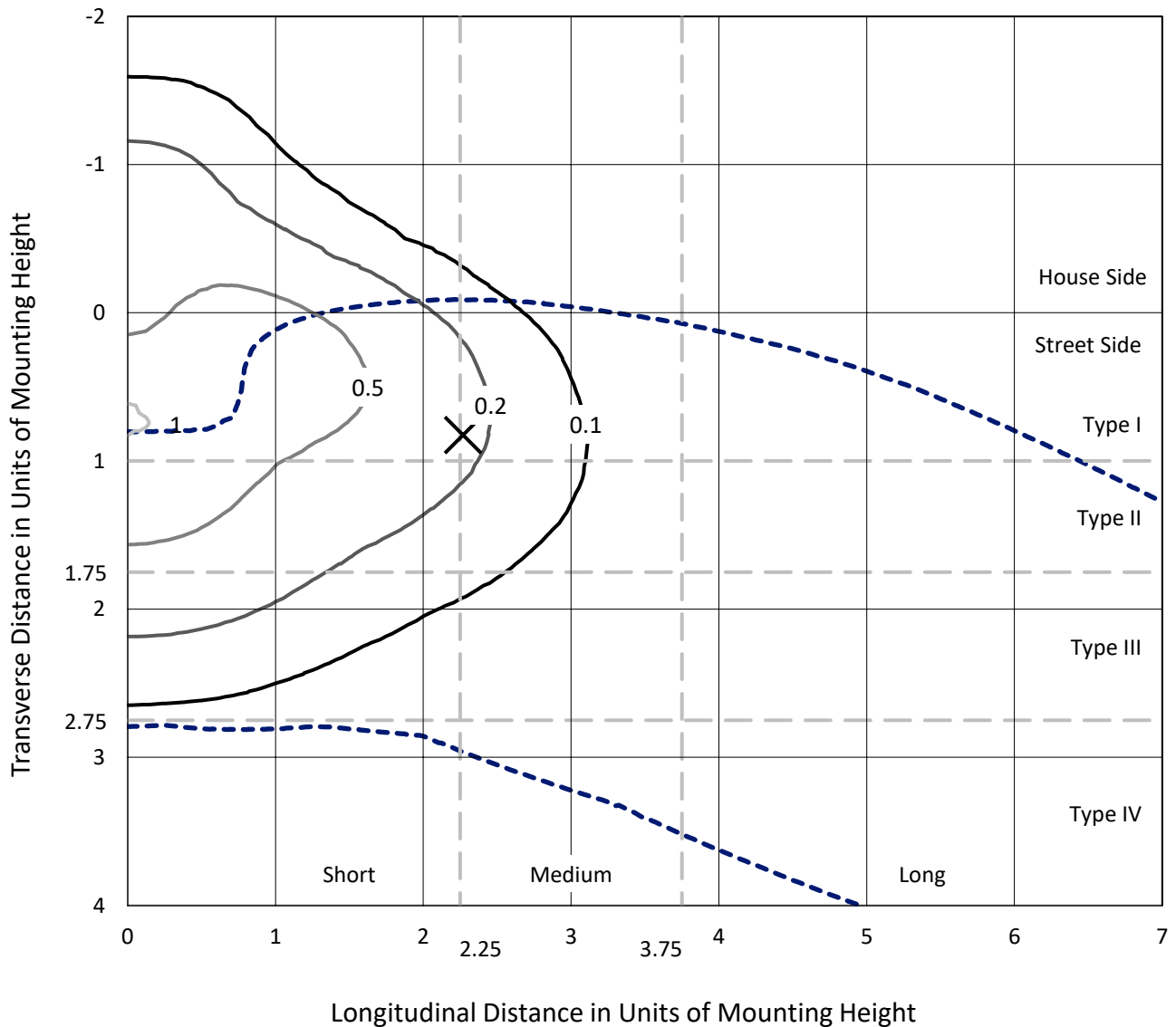
Input Watts (W): 62
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

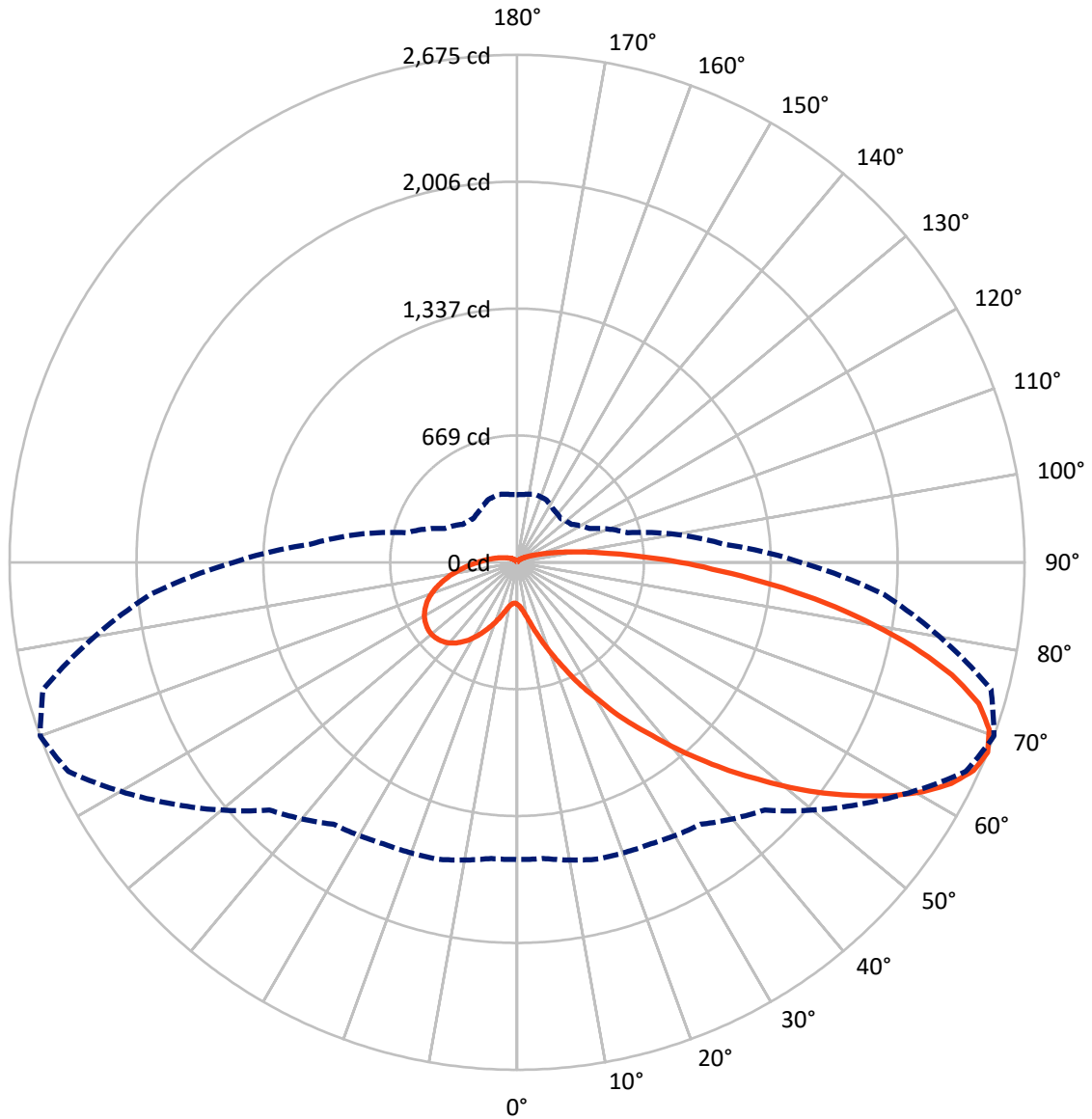
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 70-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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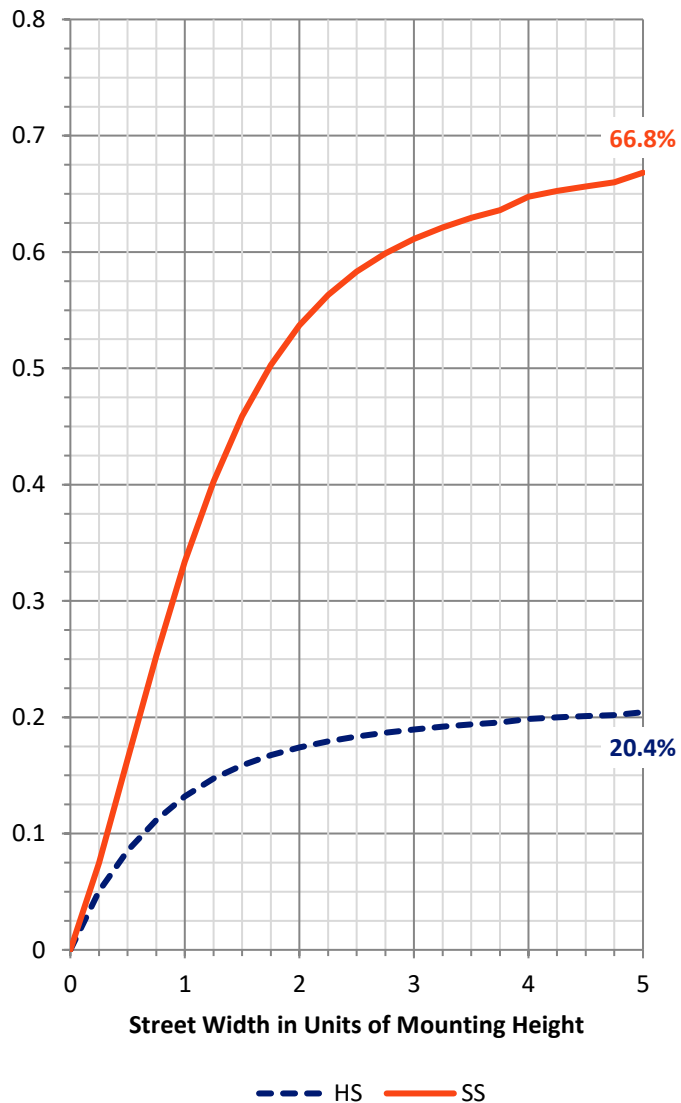
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1296.3	176.5	1472.7
	% Fixture	21.6	2.9	24.5
Street Side	Lumens	4209.8	330.4	4540.2
	% Fixture	70.0	5.5	75.5
Total	Lumens	5506.1	506.9	6013.0
	% Fixture	91.6	8.4	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.1	0.4
10°-20°	95.2	1.6
20°-30°	239.9	4.0
30°-40°	469.9	7.8
40°-50°	765.0	12.7
50°-60°	1071.8	17.8
60°-70°	1229.5	20.4
70°-80°	1023.3	17.0
80°-90°	588.5	9.8
90°-100°	269.9	4.5
100°-110°	123.6	2.1
110°-120°	60.8	1.0
120°-130°	31.4	0.5
130°-140°	15.3	0.3
140°-150°	5.6	0.1
150°-160°	0.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5506.1	91.6
0°-180°	6013.0	100.0

Coefficient of Utilization

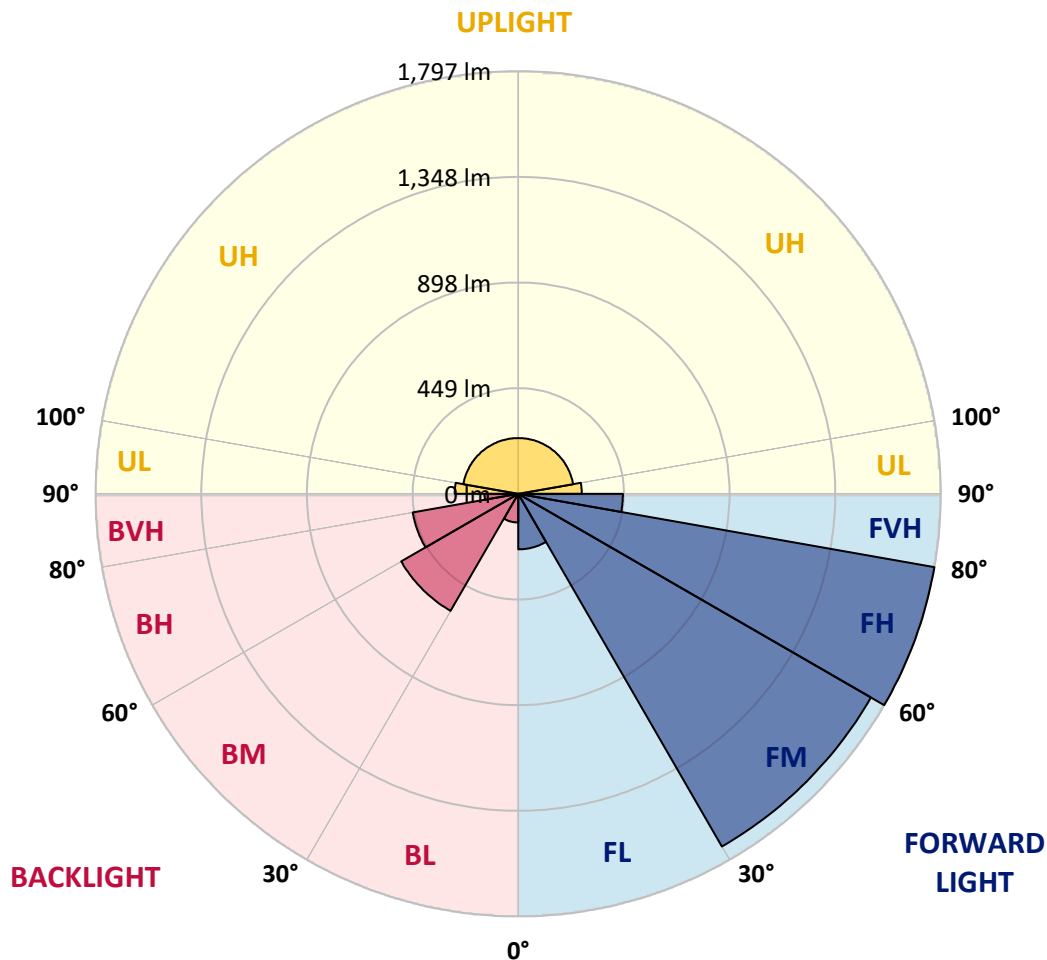


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	236.1	3.9			
FM (30°-60°)	1731.8	28.8			
FH (60°-80°)	1797.0	29.9			G1/1800
FVH (80°-90°)	444.9	7.4			G3/500
BL (0°-30°)	122.0	2.0	B1/500		
BM (30°-60°)	574.9	9.6	B1/1000		
BH (60°-80°)	455.8	7.6	B1/500		G1/500
BVH (80°-90°)	143.6	2.4			G2/225
UL (90°-100°)	269.9	4.5		U3/500	
UH (100°-180°)	236.9	3.9		U3/500	

BUG Rating: B1-U3-G3
 Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	85°
0°	221.1	221.1	221.1	221.1	221.1	221.1	221.1	221.1	221.1	221.1	221.1
2.5°	242.1	242.1	242.1	239.7	239.7	235.1	235.1	230.4	230.4	228.1	223.5
5°	272.3	272.3	270.0	270.0	265.4	260.7	256.0	249.1	244.4	242.1	235.1
7.5°	307.2	307.2	304.9	300.3	297.9	291.0	281.6	272.3	267.7	263.0	251.4
10°	349.1	349.1	344.5	342.2	337.5	328.2	318.9	304.9	297.9	291.0	274.7
12.5°	398.0	393.4	393.4	386.4	379.4	372.4	360.8	344.5	337.5	328.2	307.2
15°	449.2	449.2	449.2	442.3	432.9	421.3	412.0	395.7	391.0	377.1	353.8
17.5°	509.8	514.4	507.4	498.1	493.5	481.8	470.2	458.5	446.9	432.9	402.7
20°	584.2	581.9	574.9	565.6	558.6	547.0	540.0	519.1	509.8	495.8	451.6
22.5°	656.4	658.7	651.7	637.8	628.5	621.5	609.8	593.6	579.6	563.3	514.4
25°	751.8	749.5	733.2	712.3	703.0	693.6	686.7	670.4	661.1	647.1	584.2
27.5°	847.3	838.0	826.3	807.7	784.4	768.1	763.5	756.5	749.5	726.2	656.4
30°	947.4	938.0	924.1	893.8	861.2	842.6	842.6	851.9	835.6	817.0	737.9
32.5°	1054.4	1042.8	1024.2	986.9	942.7	921.7	931.1	947.4	945.0	917.1	819.3
35°	1161.5	1159.2	1131.2	1084.7	1028.8	1003.2	1017.2	1049.8	1049.8	1028.8	907.8
37.5°	1266.2	1268.6	1243.0	1184.8	1112.6	1084.7	1105.6	1159.2	1159.2	1142.9	993.9
40°	1398.9	1394.3	1347.7	1280.2	1201.1	1166.2	1208.1	1277.9	1289.5	1259.3	1089.3
42.5°	1513.0	1503.7	1466.4	1382.6	1287.2	1245.3	1303.5	1398.9	1422.2	1387.3	1187.1
45°	1629.4	1617.7	1573.5	1480.4	1373.3	1324.4	1405.9	1533.9	1564.2	1531.6	1289.5
47.5°	1738.8	1727.1	1687.5	1575.8	1464.1	1419.9	1510.6	1671.3	1708.5	1680.6	1389.6
50°	1838.8	1836.5	1787.6	1671.3	1543.2	1501.3	1620.0	1815.6	1864.4	1822.6	1492.0
52.5°	1925.0	1915.7	1869.1	1757.4	1622.4	1589.8	1731.8	1966.9	2020.4	1978.5	1594.4
55°	1978.5	1973.8	1931.9	1822.6	1694.5	1671.3	1843.5	2104.2	2169.4	2132.1	1689.9
57.5°	2004.1	1997.1	1962.2	1864.4	1748.1	1745.7	1945.9	2246.2	2320.7	2271.8	1787.6
60°	1978.5	1973.8	1950.6	1876.1	1783.0	1803.9	2053.0	2376.5	2455.7	2402.1	1864.4
62.5°	1892.4	1892.4	1890.1	1845.8	1790.0	1852.8	2136.8	2488.3	2567.4	2502.2	1920.3
65°	1757.4	1764.4	1778.3	1769.0	1759.7	1869.1	2192.6	2572.1	2644.2	2567.4	1950.6
67.5°	1566.5	1566.5	1620.0	1641.0	1685.2	1845.8	2218.3	2609.3	2674.5	2586.0	1938.9
70°	1354.7	1354.7	1415.2	1475.7	1573.5	1785.3	2190.3	2588.3	2639.6	2541.8	1887.7
72.5°	1133.6	1135.9	1208.1	1291.8	1426.8	1680.6	2115.8	2497.6	2544.1	2427.7	1785.3
75°	917.1	935.7	996.2	1105.6	1261.6	1540.9	1976.2	2339.3	2367.2	2255.5	1641.0
77.5°	726.2	749.5	821.7	928.7	1091.7	1364.0	1787.6	2127.5	2132.1	2025.1	1466.4
80°	574.9	591.2	665.7	765.8	924.1	1184.8	1564.2	1864.4	1859.8	1755.0	1256.9
82.5°	453.9	465.5	523.7	621.5	772.8	1014.9	1343.1	1564.2	1580.5	1478.1	1054.4
85°	349.1	363.1	416.6	502.8	637.8	844.9	1110.3	1282.5	1289.5	1198.7	868.2
87.5°	267.7	281.6	330.5	412.0	526.0	693.6	905.5	1040.5	1028.8	956.7	686.7
90°	207.2	214.1	263.0	330.5	430.6	572.6	728.6	817.0	817.0	747.2	549.3
92.5°	165.3	167.6	211.8	272.3	356.1	465.5	586.6	642.4	626.1	586.6	432.9
95°	130.3	135.0	169.9	223.5	293.3	381.7	463.2	502.8	488.8	451.6	339.8
97.5°	104.7	109.4	139.7	186.2	244.4	311.9	372.4	391.0	384.1	358.5	270.0
100°	86.1	88.5	114.1	158.3	204.8	258.4	297.9	309.6	295.6	279.3	211.8
102.5°	72.2	74.5	97.8	132.7	174.6	211.8	242.1	246.7	235.1	216.5	169.9
105°	60.5	62.8	81.5	114.1	146.6	179.2	197.9	195.5	183.9	169.9	137.3
107.5°	53.5	53.5	69.8	97.8	128.0	149.0	162.9	158.3	146.6	132.7	111.7
110°	46.6	46.6	58.2	83.8	109.4	128.0	135.0	128.0	116.4	107.1	90.8

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	85°
112.5°	41.9	41.9	51.2	72.2	93.1	109.4	111.7	102.4	95.4	88.5	74.5
115°	37.2	39.6	44.2	60.5	79.1	93.1	93.1	86.1	79.1	72.2	65.2
117.5°	34.9	34.9	39.6	53.5	69.8	79.1	79.1	72.2	65.2	60.5	55.9
120°	32.6	32.6	37.2	46.6	60.5	67.5	67.5	60.5	55.9	51.2	48.9
122.5°	30.3	30.3	32.6	39.6	51.2	58.2	58.2	51.2	46.6	44.2	41.9
125°	27.9	27.9	30.3	34.9	44.2	48.9	48.9	41.9	39.6	37.2	37.2
127.5°	25.6	25.6	27.9	30.3	37.2	41.9	39.6	34.9	32.6	32.6	32.6
130°	23.3	23.3	25.6	27.9	32.6	34.9	32.6	30.3	27.9	27.9	27.9
132.5°	23.3	23.3	23.3	23.3	25.6	27.9	27.9	25.6	23.3	25.6	25.6
135°	20.9	20.9	20.9	20.9	20.9	23.3	20.9	20.9	20.9	20.9	20.9
137.5°	18.6	18.6	18.6	18.6	18.6	18.6	16.3	16.3	16.3	18.6	18.6
140°	16.3	16.3	16.3	14.0	14.0	14.0	14.0	14.0	14.0	14.0	16.3
142.5°	14.0	14.0	14.0	11.6	11.6	9.3	9.3	9.3	11.6	11.6	14.0
145°	11.6	11.6	11.6	9.3	7.0	7.0	7.0	7.0	9.3	9.3	9.3
147.5°	9.3	9.3	9.3	7.0	4.7	4.7	4.7	4.7	7.0	7.0	7.0
150°	7.0	7.0	7.0	4.7	4.7	2.3	2.3	4.7	4.7	4.7	4.7
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	221.1	221.1	221.1	221.1	221.1	221.1	221.1	221.1	221.1	221.1	221.1
2.5°	223.5	221.1	218.8	214.1	211.8	211.8	211.8	209.5	209.5	207.2	207.2
5°	230.4	228.1	218.8	211.8	207.2	202.5	197.9	195.5	193.2	190.9	190.9
7.5°	244.4	239.7	228.1	216.5	207.2	197.9	190.9	186.2	183.9	181.6	181.6
10°	265.4	258.4	239.7	223.5	209.5	197.9	188.5	183.9	179.2	176.9	176.9
12.5°	295.6	286.3	260.7	237.4	218.8	202.5	193.2	186.2	181.6	179.2	179.2
15°	337.5	321.2	288.6	258.4	232.8	211.8	200.2	195.5	193.2	193.2	193.2
17.5°	381.7	358.5	321.2	281.6	251.4	228.1	216.5	211.8	209.5	209.5	209.5
20°	430.6	405.0	353.8	307.2	270.0	249.1	235.1	230.4	228.1	228.1	228.1
22.5°	484.2	456.2	388.7	330.5	293.3	270.0	256.0	249.1	251.4	251.4	251.4
25°	544.7	505.1	426.0	358.5	314.2	291.0	277.0	270.0	274.7	277.0	277.0
27.5°	612.2	558.6	460.9	384.1	337.5	309.6	297.9	293.3	300.3	302.6	304.9
30°	677.3	616.8	495.8	412.0	356.1	328.2	316.6	318.9	323.5	328.2	332.9
32.5°	749.5	670.4	533.0	435.3	374.8	342.2	335.2	342.2	351.5	356.1	358.5
35°	819.3	726.2	561.0	456.2	388.7	356.1	351.5	363.1	374.8	384.1	384.1
37.5°	889.2	777.4	591.2	472.5	400.4	365.4	365.4	381.7	395.7	407.3	407.3
40°	961.3	833.3	616.8	486.5	409.7	374.8	377.1	398.0	416.6	423.6	426.0
42.5°	1035.8	879.9	637.8	495.8	414.3	381.7	386.4	412.0	430.6	437.6	439.9
45°	1108.0	928.7	654.1	500.4	419.0	384.1	391.0	421.3	439.9	446.9	446.9
47.5°	1175.5	970.6	665.7	502.8	419.0	384.1	395.7	426.0	446.9	449.2	449.2
50°	1247.6	1012.5	675.0	502.8	416.6	384.1	395.7	428.3	446.9	446.9	446.9
52.5°	1317.4	1049.8	679.7	498.1	412.0	381.7	393.4	426.0	444.6	439.9	439.9
55°	1382.6	1080.0	677.3	491.1	405.0	374.8	388.7	421.3	437.6	430.6	430.6
57.5°	1436.2	1105.6	672.7	481.8	398.0	367.8	381.7	414.3	428.3	419.0	416.6
60°	1482.7	1121.9	663.4	470.2	386.4	358.5	374.8	405.0	416.6	405.0	402.7
62.5°	1508.3	1128.9	649.4	453.9	377.1	349.1	363.1	393.4	402.7	388.7	388.7
65°	1517.6	1119.6	628.5	437.6	363.1	339.8	351.5	379.4	386.4	374.8	372.4
67.5°	1494.4	1094.0	602.9	421.3	349.1	325.9	337.5	363.1	370.1	358.5	356.1
70°	1445.5	1045.1	570.3	398.0	332.9	311.9	321.2	342.2	351.5	342.2	339.8
72.5°	1354.7	984.6	533.0	374.8	314.2	295.6	304.9	323.5	332.9	323.5	321.2
75°	1247.6	905.5	491.1	349.1	295.6	279.3	286.3	300.3	309.6	304.9	300.3
77.5°	1105.6	810.0	446.9	323.5	277.0	260.7	265.4	279.3	286.3	281.6	281.6
80°	956.7	705.3	402.7	295.6	258.4	244.4	244.4	256.0	263.0	260.7	256.0
82.5°	812.3	602.9	356.1	267.7	235.1	223.5	225.8	230.4	239.7	235.1	232.8
85°	668.0	512.1	311.9	242.1	214.1	204.8	204.8	207.2	214.1	211.8	209.5
87.5°	547.0	421.3	272.3	214.1	193.2	186.2	181.6	186.2	186.2	186.2	181.6
90°	444.6	349.1	235.1	190.9	176.9	167.6	162.9	162.9	162.9	160.6	158.3
92.5°	353.8	288.6	204.8	169.9	158.3	151.3	146.6	144.3	142.0	137.3	137.3
95°	291.0	237.4	176.9	149.0	142.0	135.0	130.3	128.0	123.4	118.7	116.4
97.5°	230.4	197.9	151.3	132.7	125.7	121.0	116.4	111.7	104.7	100.1	97.8
100°	183.9	160.6	130.3	116.4	111.7	107.1	102.4	97.8	90.8	83.8	81.5
102.5°	151.3	135.0	111.7	104.7	100.1	95.4	93.1	86.1	76.8	69.8	69.8
105°	123.4	111.7	97.8	90.8	88.5	86.1	81.5	74.5	65.2	58.2	58.2
107.5°	102.4	95.4	83.8	81.5	79.1	76.8	72.2	65.2	55.9	48.9	48.9
110°	86.1	79.1	72.2	69.8	69.8	67.5	65.2	55.9	48.9	41.9	41.9

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	72.2	67.5	65.2	62.8	62.8	60.5	58.2	48.9	41.9	37.2	37.2
115°	60.5	58.2	55.9	55.9	55.9	53.5	51.2	44.2	34.9	32.6	32.6
117.5°	53.5	51.2	48.9	48.9	48.9	48.9	44.2	37.2	30.3	27.9	27.9
120°	46.6	46.6	44.2	44.2	44.2	41.9	39.6	32.6	25.6	25.6	25.6
122.5°	41.9	39.6	39.6	39.6	39.6	37.2	32.6	27.9	23.3	23.3	23.3
125°	37.2	34.9	34.9	34.9	34.9	32.6	27.9	23.3	20.9	20.9	20.9
127.5°	32.6	32.6	30.3	30.3	30.3	27.9	25.6	20.9	18.6	18.6	18.6
130°	27.9	27.9	27.9	27.9	25.6	23.3	20.9	18.6	16.3	16.3	16.3
132.5°	25.6	25.6	23.3	23.3	23.3	20.9	18.6	16.3	14.0	16.3	16.3
135°	20.9	20.9	20.9	20.9	18.6	16.3	16.3	14.0	14.0	14.0	14.0
137.5°	18.6	18.6	18.6	16.3	16.3	14.0	14.0	11.6	11.6	11.6	14.0
140°	16.3	16.3	14.0	14.0	11.6	11.6	11.6	9.3	11.6	11.6	11.6
142.5°	14.0	14.0	11.6	11.6	9.3	9.3	9.3	9.3	9.3	9.3	9.3
145°	9.3	9.3	9.3	9.3	7.0	7.0	7.0	7.0	9.3	9.3	9.3
147.5°	7.0	7.0	7.0	7.0	4.7	4.7	4.7	7.0	7.0	7.0	7.0
150°	4.7	4.7	4.7	4.7	2.3	2.3	4.7	4.7	7.0	7.0	7.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)