

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: P695623

Luminaire Tested: **LXF.LXT-PA16-60-730-U-T3-FL**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695623
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-19)
Test Lab: INNOVATION CENTER
Issue Date: 7/5/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-PA16-60-730-U-T3-FL
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 3000K, 1160mA LIGHTSQUARE WITH 16 LEDS AND TYPE III OPTICS
AND FROSTED LENS PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5741 lumens
Efficiency: N/A
Efficacy: 92.6 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')
IES Classification: Type III - Short
BUG Rating: B1 - U3 - G3

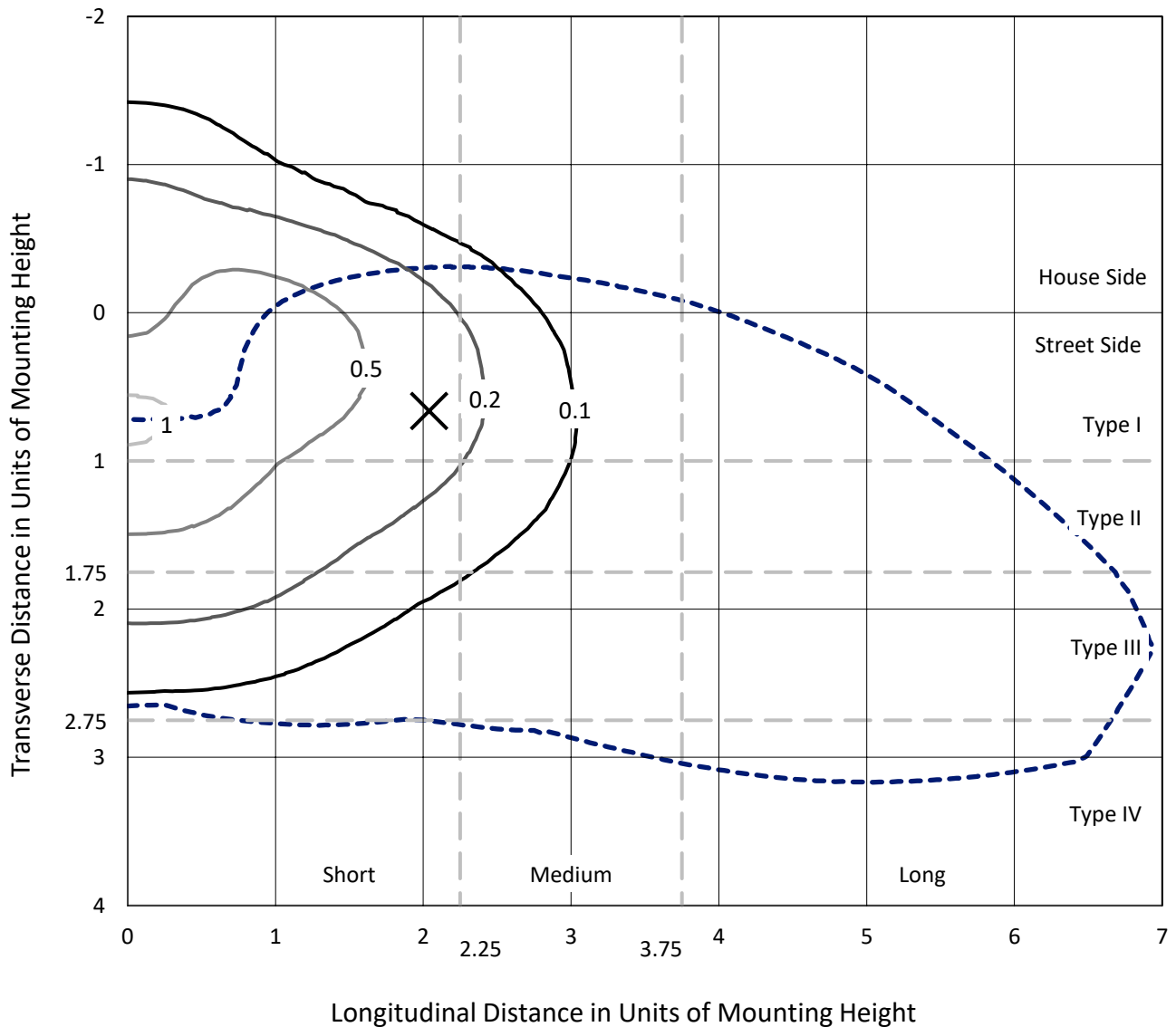
Input Watts (W): 62
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

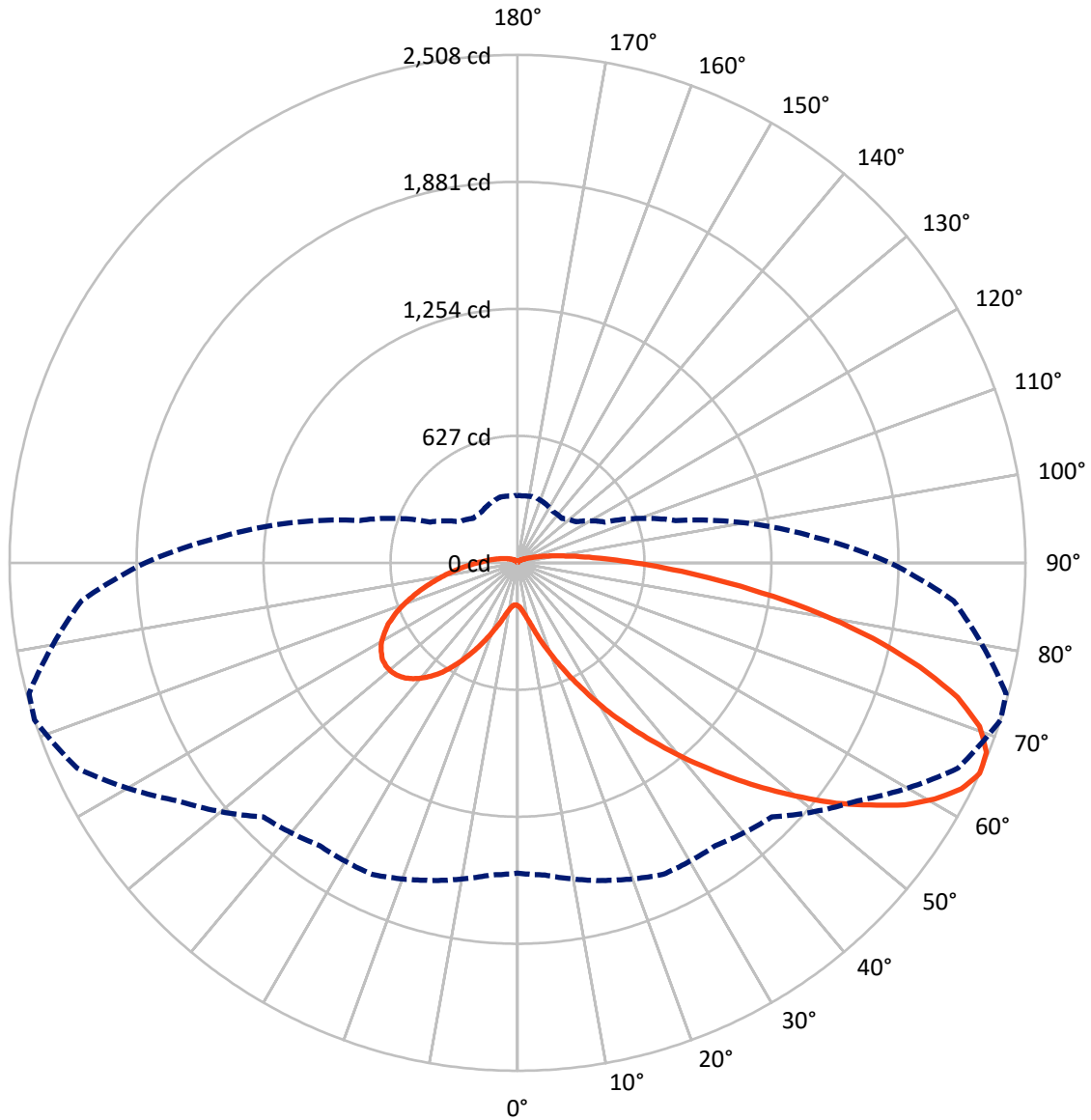
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 72-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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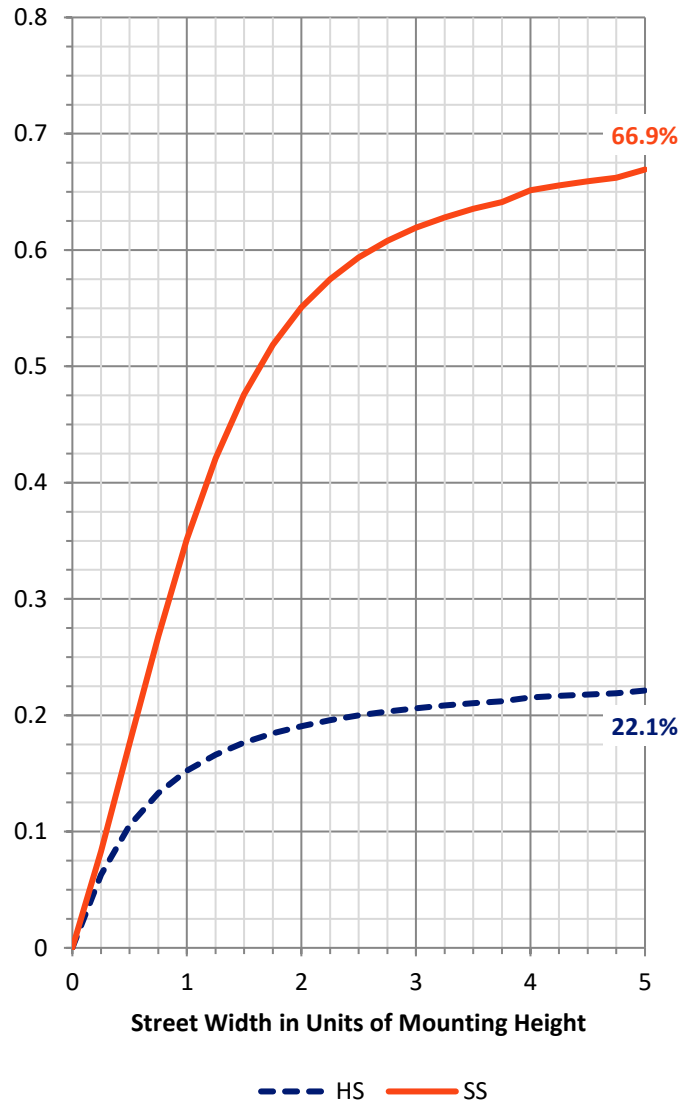
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1341.6	169.7	1511.3
	% Fixture	23.4	3.0	26.3
Street Side	Lumens	3989.6	240.1	4229.7
	% Fixture	69.5	4.2	73.7
Total	Lumens	5331.2	409.8	5741.0
	% Fixture	92.9	7.1	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.2	0.4
10°-20°	93.4	1.6
20°-30°	240.5	4.2
30°-40°	478.3	8.3
40°-50°	778.7	13.6
50°-60°	1078.0	18.8
60°-70°	1204.2	21.0
70°-80°	942.8	16.4
80°-90°	493.1	8.6
90°-100°	214.5	3.7
100°-110°	98.9	1.7
110°-120°	50.4	0.9
120°-130°	27.0	0.5
130°-140°	13.6	0.2
140°-150°	5.2	0.1
150°-160°	0.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5331.2	92.9
0°-180°	5741.0	100.0

Coefficient of Utilization



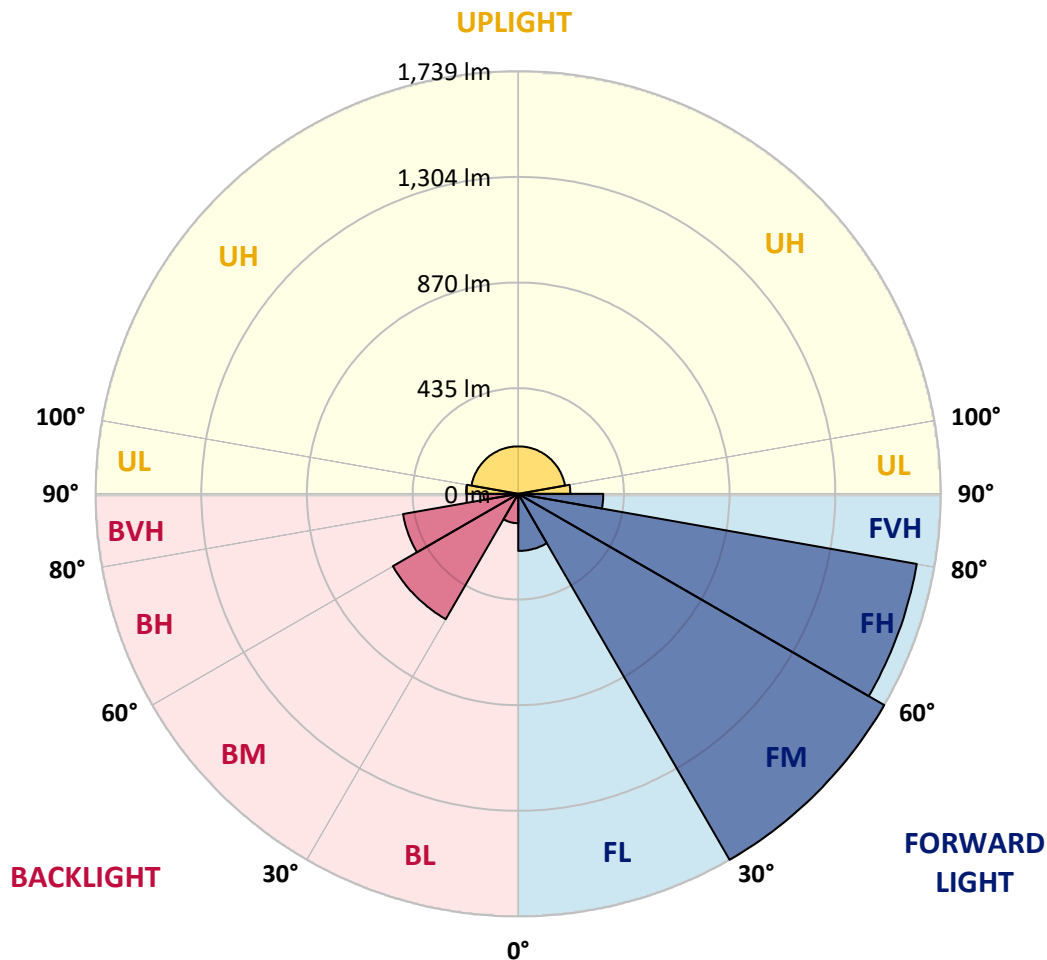
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	235.1	4.1			
FM (30°-60°)	1739.1	30.3			
FH (60°-80°)	1665.5	29.0			G1/1800
FVH (80°-90°)	349.9	6.1			G3/500
BL (0°-30°)	121.0	2.1	B1/500		
BM (30°-60°)	595.9	10.4	B1/1000		
BH (60°-80°)	481.5	8.4	B1/500		G1/500
BVH (80°-90°)	143.2	2.5			G2/225
UL (90°-100°)	214.5	3.7		U3/500	
UH (100°-180°)	195.3	3.4		U3/500	

BUG Rating: B1-U3-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	72°	75°	85°
0°	212.6	212.6	212.6	212.6	212.6	212.6	212.6	212.6	212.6	212.6	212.6
2.5°	229.6	231.7	231.7	229.6	229.6	227.5	225.3	221.1	219.0	219.0	214.7
5°	259.3	261.5	259.3	257.2	255.1	248.7	246.6	240.2	236.0	233.8	225.3
7.5°	297.6	297.6	295.5	291.2	287.0	282.7	272.1	263.6	257.2	253.0	242.3
10°	338.0	338.0	335.9	333.7	327.4	316.7	306.1	295.5	284.9	282.7	267.9
12.5°	393.3	389.0	384.8	378.4	372.0	361.4	346.5	333.7	323.1	321.0	304.0
15°	448.5	450.7	442.2	431.5	423.0	410.3	397.5	386.9	374.1	369.9	346.5
17.5°	512.3	514.4	508.1	499.6	484.7	471.9	454.9	440.0	431.5	423.0	395.4
20°	591.0	591.0	584.6	567.6	552.7	537.8	522.9	505.9	491.1	484.7	454.9
22.5°	673.9	671.8	663.2	642.0	622.9	603.7	591.0	574.0	563.3	554.8	520.8
25°	773.8	767.4	754.7	729.1	703.6	680.3	661.1	654.7	639.9	631.4	599.5
27.5°	871.6	875.8	854.6	820.6	784.4	761.0	744.0	735.5	724.9	720.6	680.3
30°	992.7	984.2	960.9	918.3	867.3	835.4	826.9	824.8	824.8	816.3	773.8
32.5°	1105.4	1096.9	1071.4	1020.4	958.7	918.3	912.0	918.3	922.6	920.5	867.3
35°	1220.2	1211.7	1181.9	1126.7	1043.8	997.0	997.0	1022.5	1028.9	1024.6	971.5
37.5°	1328.6	1324.4	1294.6	1220.2	1141.6	1084.2	1092.7	1133.0	1143.7	1141.6	1073.5
40°	1432.8	1432.8	1403.0	1322.2	1226.6	1169.2	1184.1	1245.7	1267.0	1264.8	1190.4
42.5°	1539.1	1534.8	1507.2	1428.5	1318.0	1254.2	1281.9	1358.4	1392.4	1396.6	1307.4
45°	1630.5	1626.2	1605.0	1517.8	1407.3	1341.4	1381.8	1485.9	1530.6	1528.4	1422.2
47.5°	1709.1	1707.0	1692.1	1611.4	1494.4	1432.8	1490.2	1617.7	1673.0	1673.0	1551.8
50°	1772.9	1775.0	1764.4	1698.5	1575.2	1519.9	1598.6	1751.7	1819.7	1819.7	1675.1
52.5°	1813.3	1817.6	1821.8	1760.2	1651.7	1600.7	1702.8	1892.0	1972.7	1970.6	1800.5
55°	1826.1	1830.3	1851.6	1813.3	1713.4	1675.1	1806.9	2028.0	2110.9	2104.5	1915.3
57.5°	1804.8	1813.3	1849.4	1836.7	1755.9	1734.6	1894.1	2144.9	2255.5	2249.1	2021.6
60°	1751.7	1762.3	1813.3	1828.2	1772.9	1775.0	1974.9	2261.8	2368.1	2363.9	2104.5
62.5°	1658.1	1675.1	1741.0	1781.4	1758.0	1792.0	2028.0	2351.1	2459.5	2453.2	2153.4
65°	1532.7	1547.6	1624.1	1698.5	1704.9	1775.0	2049.3	2400.0	2508.4	2497.8	2161.9
67.5°	1383.9	1377.5	1475.3	1571.0	1609.2	1713.4	2021.6	2393.6	2497.8	2478.7	2108.8
70°	1201.1	1201.1	1301.0	1396.6	1477.4	1617.7	1945.1	2325.6	2421.3	2393.6	2006.7
72.5°	986.4	1009.8	1096.9	1209.6	1309.5	1479.6	1826.1	2191.7	2272.5	2240.6	1834.6
75°	807.8	826.9	903.5	1016.1	1130.9	1320.1	1649.6	1998.2	2051.4	2019.5	1624.1
77.5°	648.4	656.9	739.8	835.4	954.5	1126.7	1439.2	1755.9	1794.2	1760.2	1386.0
80°	499.6	520.8	578.2	669.6	784.4	952.4	1220.2	1473.2	1509.3	1471.0	1133.0
82.5°	393.3	399.6	452.8	540.0	637.7	780.2	1003.4	1196.8	1213.8	1169.2	914.1
85°	304.0	308.2	352.9	427.3	512.3	627.1	801.4	941.7	946.0	920.5	714.3
87.5°	231.7	240.2	280.6	340.1	412.4	512.3	631.4	729.1	722.8	703.6	557.0
90°	182.8	187.1	216.8	270.0	329.5	403.9	493.2	557.0	544.2	535.7	420.9
92.5°	144.6	146.7	178.6	219.0	267.9	327.4	386.9	429.4	412.4	406.0	321.0
95°	114.8	119.0	142.4	178.6	219.0	263.6	304.0	325.2	314.6	304.0	248.7
97.5°	93.5	95.7	116.9	146.7	180.7	214.7	242.3	250.8	240.2	236.0	193.4
100°	78.7	78.7	97.8	123.3	148.8	176.4	193.4	197.7	189.2	178.6	148.8
102.5°	65.9	65.9	80.8	104.2	127.5	146.7	157.3	157.3	146.7	140.3	119.0
105°	55.3	57.4	68.0	89.3	108.4	123.3	131.8	125.4	116.9	112.7	95.7
107.5°	48.9	48.9	59.5	76.5	93.5	104.2	108.4	102.0	93.5	87.2	76.5
110°	44.6	44.6	51.0	65.9	80.8	91.4	91.4	85.0	74.4	70.2	63.8

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	72°	75°	85°
112.5°	38.3	40.4	44.6	57.4	70.2	78.7	78.7	70.2	61.6	57.4	53.1
115°	36.1	36.1	40.4	51.0	61.6	68.0	68.0	59.5	51.0	48.9	44.6
117.5°	31.9	31.9	36.1	44.6	53.1	59.5	57.4	51.0	42.5	40.4	38.3
120°	29.8	29.8	31.9	38.3	46.8	51.0	48.9	42.5	36.1	34.0	34.0
122.5°	27.6	27.6	29.8	34.0	42.5	44.6	42.5	36.1	31.9	29.8	31.9
125°	25.5	25.5	27.6	31.9	36.1	38.3	36.1	29.8	27.6	27.6	27.6
127.5°	25.5	25.5	25.5	27.6	31.9	34.0	31.9	25.5	23.4	23.4	25.5
130°	23.4	23.4	23.4	25.5	27.6	29.8	25.5	21.3	21.3	21.3	21.3
132.5°	21.3	21.3	21.3	21.3	23.4	23.4	21.3	19.1	19.1	19.1	19.1
135°	19.1	19.1	19.1	19.1	19.1	19.1	17.0	14.9	17.0	17.0	17.0
137.5°	17.0	17.0	17.0	17.0	17.0	14.9	14.9	12.8	14.9	14.9	14.9
140°	14.9	14.9	14.9	14.9	12.8	12.8	10.6	10.6	10.6	12.8	12.8
142.5°	12.8	12.8	12.8	12.8	10.6	8.5	8.5	8.5	10.6	10.6	10.6
145°	10.6	10.6	10.6	8.5	8.5	6.4	6.4	6.4	8.5	8.5	8.5
147.5°	8.5	8.5	8.5	6.4	6.4	4.3	4.3	4.3	6.4	6.4	6.4
150°	6.4	6.4	6.4	4.3	4.3	2.1	2.1	4.3	4.3	4.3	4.3
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°	212.6	212.6	212.6	212.6	212.6	212.6	212.6	212.6	212.6	212.6	212.6
2.5°	212.6	212.6	208.3	206.2	204.1	202.0	199.8	197.7	197.7	197.7	197.7
5°	223.2	216.8	210.5	204.1	197.7	193.4	187.1	184.9	182.8	180.7	180.7
7.5°	236.0	231.7	219.0	208.3	197.7	189.2	182.8	176.4	172.2	170.1	170.1
10°	259.3	250.8	236.0	219.0	204.1	191.3	180.7	172.2	167.9	165.8	165.8
12.5°	293.4	280.6	259.3	236.0	214.7	197.7	184.9	174.3	167.9	167.9	165.8
15°	333.7	318.9	291.2	261.5	231.7	208.3	193.4	184.9	178.6	176.4	176.4
17.5°	380.5	365.6	329.5	289.1	257.2	227.5	208.3	197.7	191.3	187.1	187.1
20°	437.9	416.7	369.9	323.1	280.6	253.0	225.3	212.6	204.1	199.8	197.7
22.5°	499.6	476.2	418.8	359.3	310.4	274.2	244.5	225.3	214.7	212.6	210.5
25°	574.0	540.0	469.8	397.5	340.1	295.5	261.5	238.1	229.6	225.3	225.3
27.5°	652.6	612.2	525.1	437.9	367.8	312.5	274.2	250.8	242.3	240.2	238.1
30°	735.5	688.8	582.5	482.6	393.3	329.5	289.1	265.7	255.1	253.0	253.0
32.5°	826.9	771.7	639.9	516.6	412.4	340.1	297.6	276.4	265.7	265.7	265.7
35°	916.2	852.4	699.4	552.7	429.4	348.6	306.1	287.0	276.4	278.5	278.5
37.5°	1011.9	941.7	750.4	578.2	442.2	355.0	310.4	295.5	289.1	289.1	289.1
40°	1116.0	1016.1	797.2	597.3	446.4	357.1	314.6	301.9	297.6	297.6	299.7
42.5°	1216.0	1103.3	837.6	612.2	448.5	357.1	316.7	308.2	306.1	306.1	306.1
45°	1315.9	1179.8	873.7	616.5	446.4	355.0	318.9	312.5	312.5	312.5	312.5
47.5°	1424.3	1256.3	899.2	614.4	440.0	350.8	318.9	314.6	318.9	316.7	316.7
50°	1519.9	1328.6	916.2	608.0	431.5	346.5	316.7	318.9	323.1	321.0	321.0
52.5°	1619.9	1392.4	924.7	593.1	418.8	340.1	316.7	321.0	325.2	323.1	323.1
55°	1709.1	1447.7	924.7	576.1	408.2	335.9	316.7	323.1	329.5	327.4	327.4
57.5°	1781.4	1485.9	909.8	552.7	393.3	329.5	314.6	323.1	331.6	329.5	329.5
60°	1836.7	1507.2	888.6	529.3	380.5	323.1	312.5	323.1	333.7	329.5	331.6
62.5°	1860.1	1505.1	850.3	501.7	367.8	316.7	310.4	323.1	333.7	331.6	331.6
65°	1838.8	1468.9	807.8	476.2	352.9	310.4	308.2	323.1	335.9	331.6	331.6
67.5°	1777.2	1398.8	752.5	444.3	338.0	304.0	304.0	321.0	333.7	329.5	329.5
70°	1664.5	1296.7	688.8	416.7	323.1	295.5	297.6	314.6	327.4	327.4	325.2
72.5°	1513.6	1164.9	618.6	384.8	308.2	284.9	289.1	308.2	318.9	318.9	316.7
75°	1337.1	1011.9	548.5	355.0	291.2	274.2	278.5	295.5	308.2	306.1	304.0
77.5°	1126.7	856.7	480.4	323.1	272.1	259.3	265.7	282.7	293.4	289.1	287.0
80°	933.2	720.6	418.8	291.2	253.0	244.5	250.8	263.6	272.1	270.0	267.9
82.5°	746.2	582.5	355.0	261.5	233.8	227.5	233.8	244.5	250.8	248.7	244.5
85°	580.3	471.9	304.0	231.7	212.6	208.3	214.7	223.2	227.5	223.2	221.1
87.5°	457.0	369.9	253.0	204.1	191.3	189.2	193.4	202.0	206.2	202.0	195.6
90°	357.1	297.6	214.7	180.7	172.2	172.2	174.3	180.7	180.7	176.4	174.3
92.5°	278.5	238.1	180.7	157.3	153.1	153.1	157.3	159.4	159.4	153.1	150.9
95°	219.0	191.3	153.1	138.2	136.1	136.1	140.3	140.3	138.2	131.8	129.7
97.5°	172.2	155.2	131.8	121.2	119.0	121.2	123.3	123.3	119.0	112.7	110.5
100°	138.2	127.5	110.5	106.3	106.3	108.4	108.4	106.3	102.0	95.7	95.7
102.5°	112.7	104.2	95.7	93.5	93.5	95.7	95.7	93.5	89.3	80.8	80.8
105°	91.4	85.0	80.8	80.8	82.9	82.9	82.9	80.8	74.4	68.0	68.0
107.5°	74.4	72.3	70.2	70.2	72.3	74.4	74.4	70.2	63.8	59.5	59.5
110°	61.6	61.6	61.6	61.6	63.8	65.9	65.9	61.6	55.3	51.0	51.0

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	53.1	51.0	53.1	55.3	57.4	59.5	57.4	53.1	46.8	44.6	44.6
115°	44.6	44.6	46.8	48.9	51.0	51.0	51.0	46.8	40.4	38.3	38.3
117.5°	40.4	40.4	40.4	42.5	44.6	46.8	44.6	40.4	34.0	34.0	34.0
120°	34.0	34.0	36.1	38.3	40.4	40.4	38.3	34.0	29.8	29.8	29.8
122.5°	31.9	31.9	31.9	34.0	36.1	36.1	34.0	29.8	25.5	27.6	27.6
125°	27.6	27.6	27.6	29.8	31.9	31.9	29.8	25.5	23.4	23.4	23.4
127.5°	25.5	25.5	25.5	25.5	27.6	27.6	25.5	23.4	21.3	21.3	21.3
130°	23.4	23.4	23.4	23.4	23.4	23.4	21.3	19.1	19.1	19.1	19.1
132.5°	19.1	19.1	19.1	19.1	21.3	21.3	19.1	17.0	17.0	17.0	17.0
135°	17.0	17.0	17.0	17.0	17.0	17.0	14.9	14.9	14.9	14.9	14.9
137.5°	14.9	14.9	14.9	14.9	14.9	14.9	12.8	12.8	12.8	12.8	12.8
140°	12.8	12.8	12.8	12.8	12.8	10.6	10.6	10.6	10.6	12.8	12.8
142.5°	10.6	10.6	10.6	10.6	8.5	8.5	8.5	8.5	10.6	10.6	10.6
145°	8.5	8.5	8.5	8.5	6.4	6.4	6.4	8.5	8.5	8.5	8.5
147.5°	6.4	6.4	6.4	6.4	4.3	4.3	4.3	6.4	6.4	8.5	8.5
150°	4.3	4.3	4.3	4.3	2.1	2.1	4.3	4.3	6.4	6.4	6.4
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)