

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: P695699

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

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695699
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-30)
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-TL
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 5000K, 1160mA LIGHTSQUARE WITH 16 LEDS AND TYPE III SPILL
LIGHT ELIMINATOR OPTICS AND TEXTURED LENS PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6136 lumens
Efficiency: N/A
Efficacy: 99.0 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

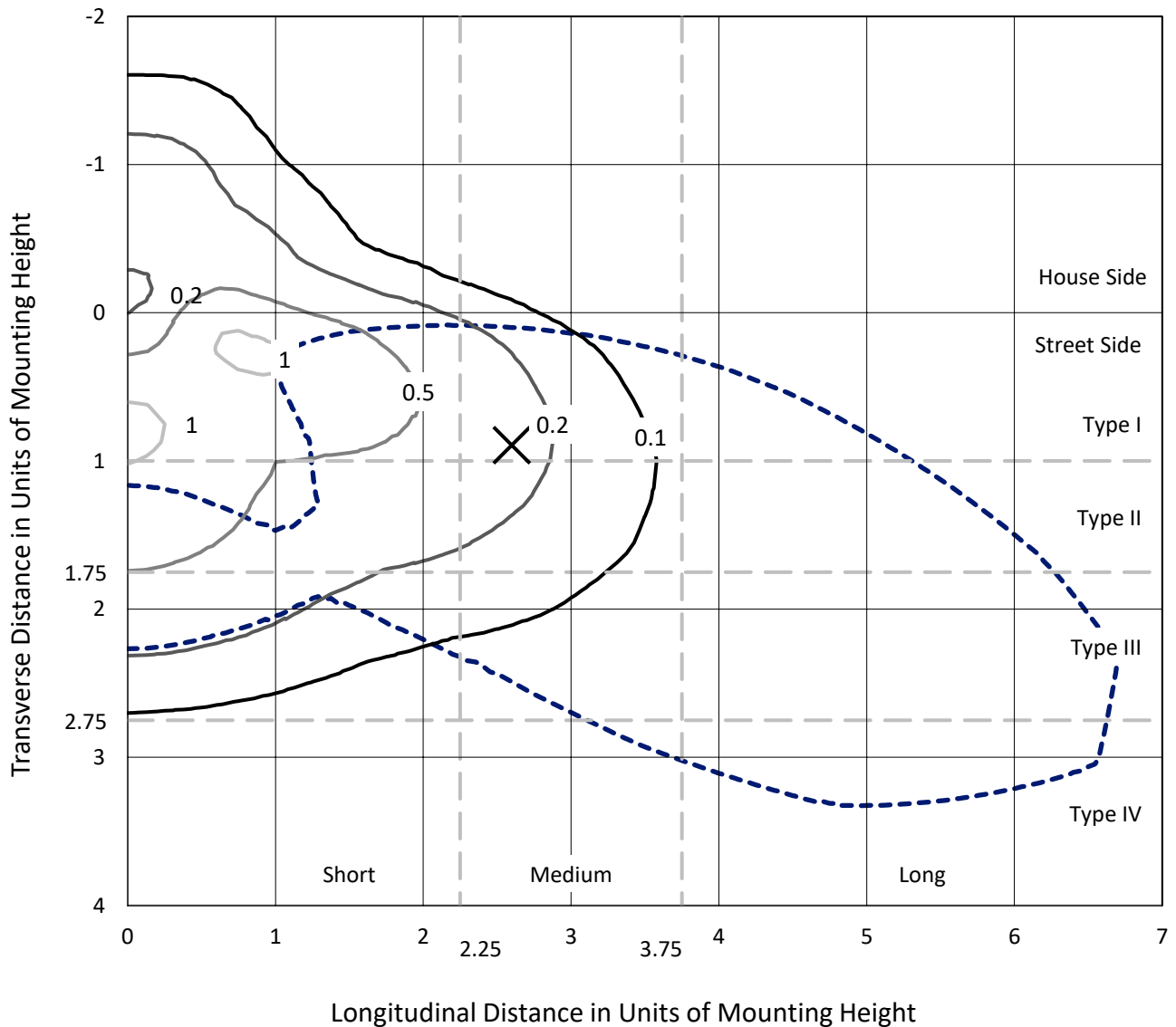
Input Watts (W): 62
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

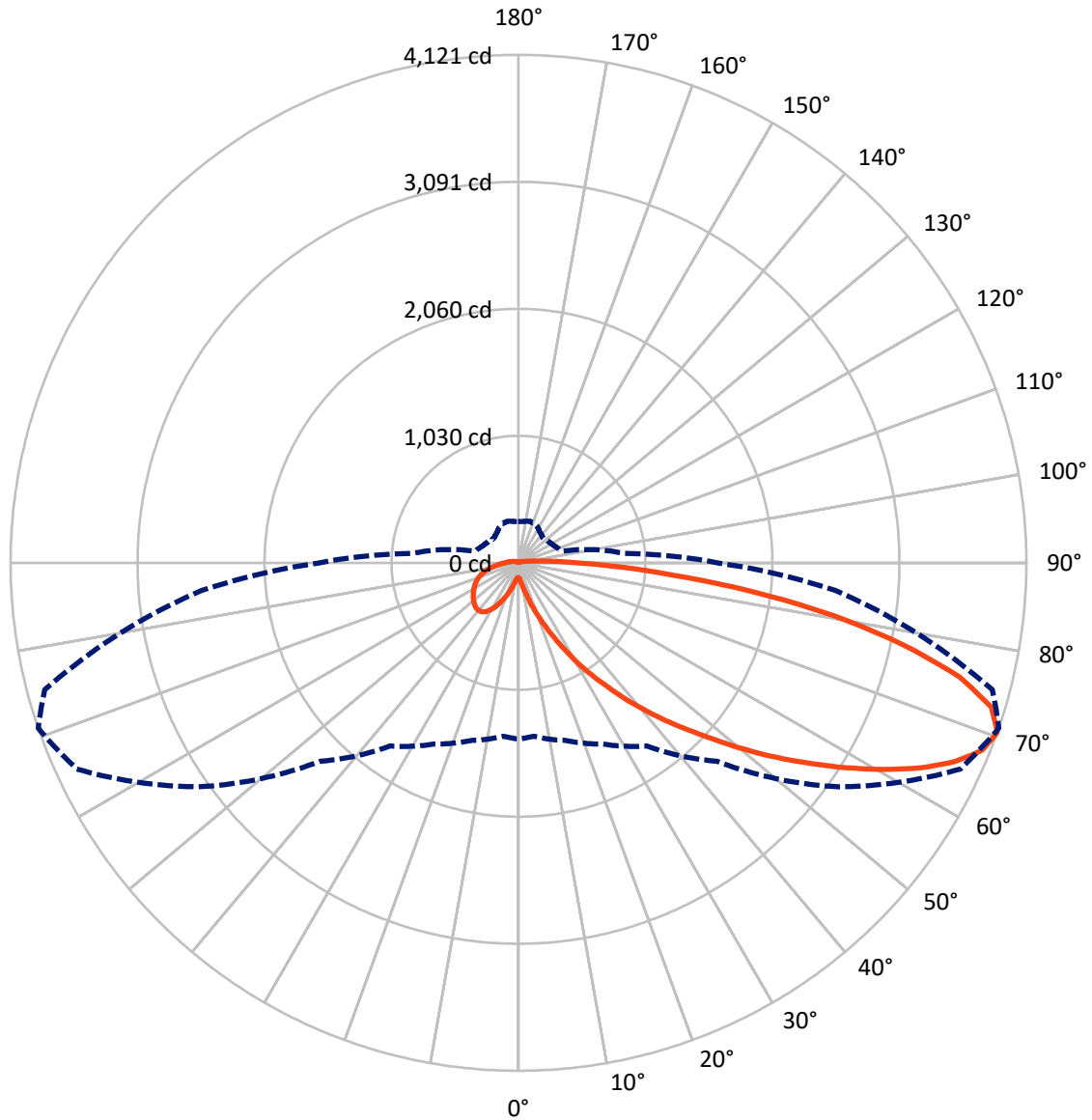
✕ Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



— Vertical Plane Through 71-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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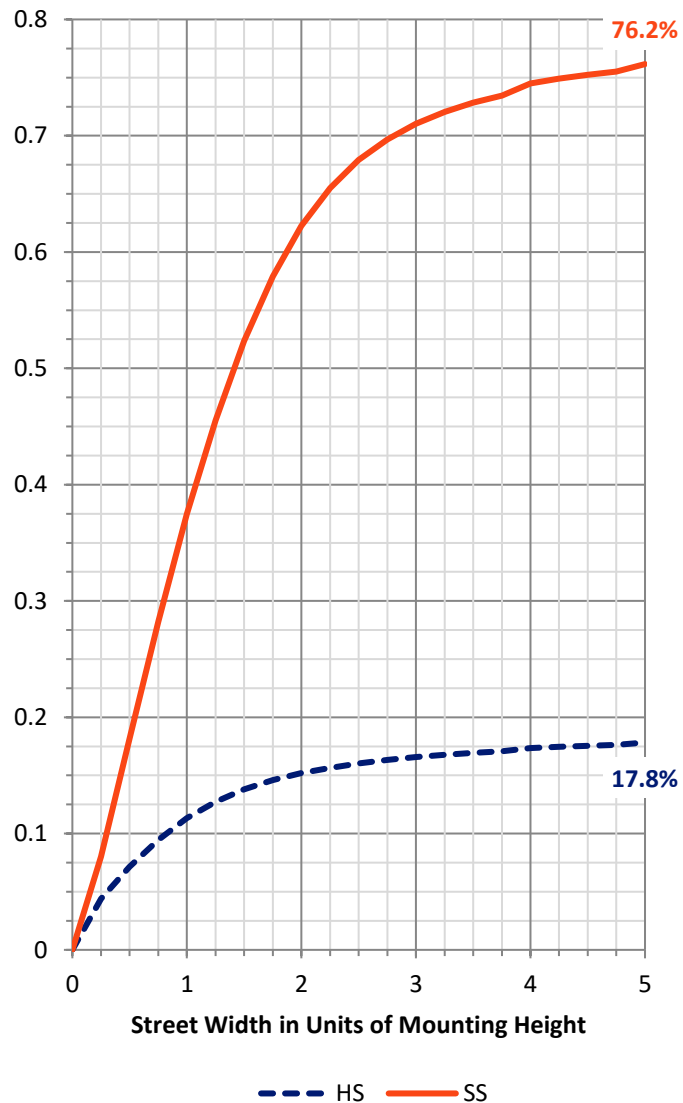
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1146.3	98.5	1244.8
	% Fixture	18.7	1.6	20.3
Street Side	Lumens	4784.0	107.2	4891.2
	% Fixture	78.0	1.7	79.7
Total	Lumens	5930.3	205.7	6136.0
	% Fixture	96.6	3.4	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.9	0.2
10°-20°	71.6	1.2
20°-30°	220.6	3.6
30°-40°	478.8	7.8
40°-50°	799.5	13.0
50°-60°	1184.4	19.3
60°-70°	1490.6	24.3
70°-80°	1197.6	19.5
80°-90°	473.3	7.7
90°-100°	114.1	1.9
100°-110°	44.9	0.7
110°-120°	22.3	0.4
120°-130°	12.7	0.2
130°-140°	7.6	0.1
140°-150°	3.8	0.1
150°-160°	0.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5930.3	96.6
0°-180°	6136.0	100.0

Coefficient of Utilization



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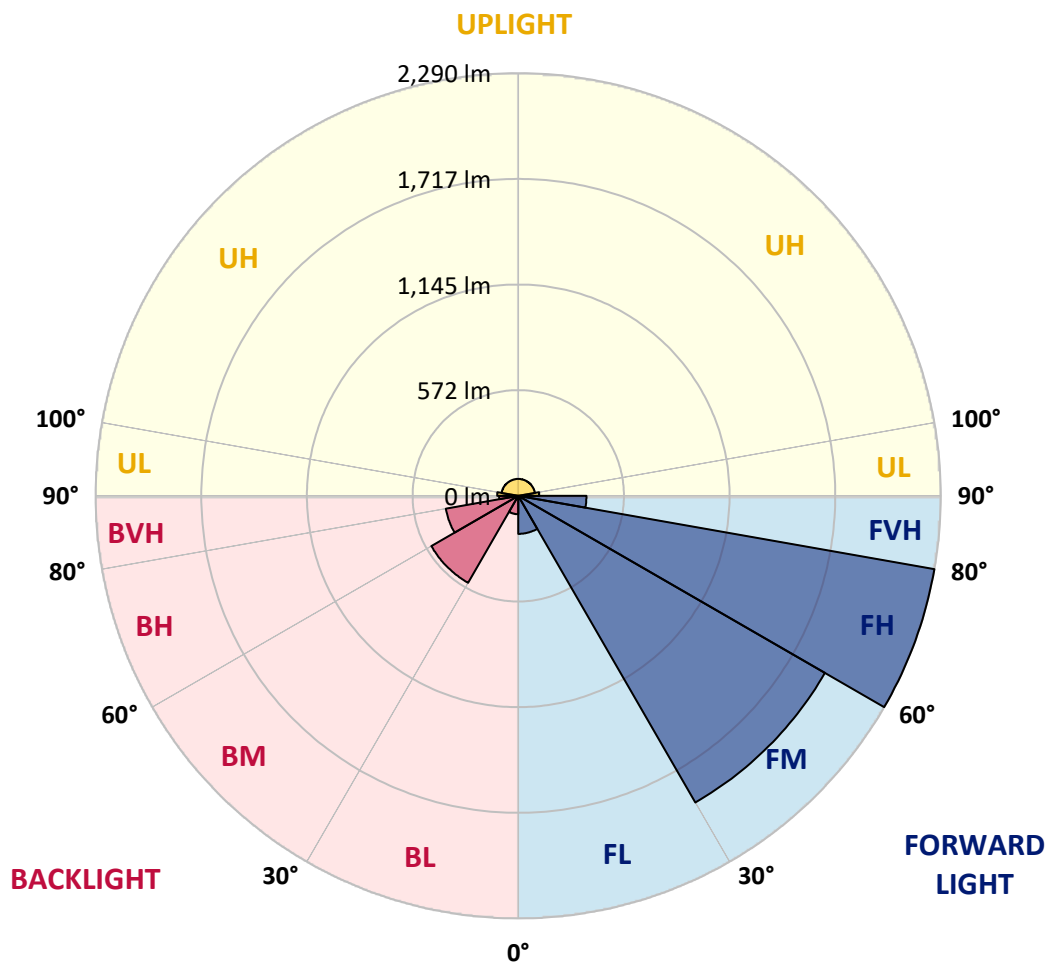
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	206.2	3.4			
FM (30°-60°)	1918.6	31.3			
FH (60°-80°)	2289.7	37.3			G2/5000
FVH (80°-90°)	369.5	6.0			G3/500
BL (0°-30°)	99.8	1.6	B0/110		
BM (30°-60°)	544.1	8.9	B1/1000		
BH (60°-80°)	398.6	6.5	B1/500		G1/500
BVH (80°-90°)	103.8	1.7			G2/225
UL (90°-100°)	114.1	1.9		U3/500	
UH (100°-180°)	91.6	1.5		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°	71°	75°	85°
0°	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4
2.5°	135.0	135.0	135.0	135.0	135.0	132.7	130.4	130.4	128.0	128.0	125.7
5°	160.6	160.6	158.3	158.3	156.0	153.7	151.3	146.7	144.3	142.0	137.4
7.5°	190.9	188.6	186.3	186.3	186.3	181.6	176.9	172.3	167.6	163.0	156.0
10°	228.2	225.8	225.8	223.5	221.2	218.8	214.2	207.2	200.2	197.9	186.3
12.5°	272.4	270.1	272.4	270.1	263.1	263.1	260.8	251.4	246.8	242.1	225.8
15°	328.3	328.3	328.3	321.3	319.0	314.3	316.6	309.6	305.0	300.3	279.4
17.5°	398.1	398.1	393.5	386.5	377.2	377.2	379.5	379.5	381.8	367.8	339.9
20°	477.3	484.3	470.3	456.3	444.7	447.0	451.7	465.6	465.6	451.7	419.1
22.5°	579.7	572.7	565.7	537.8	519.2	514.5	533.1	556.4	558.8	556.4	505.2
25°	686.8	684.5	661.2	630.9	598.3	593.7	623.9	661.2	670.5	665.9	605.3
27.5°	800.9	800.9	777.6	724.1	677.5	670.5	707.8	772.9	793.9	796.2	712.4
30°	949.9	935.9	903.3	831.2	770.6	749.7	803.2	896.3	933.6	935.9	828.8
32.5°	1077.9	1077.9	1031.4	949.9	861.4	826.5	891.7	1029.0	1077.9	1073.3	942.9
35°	1222.3	1210.6	1159.4	1059.3	949.9	905.7	984.8	1161.7	1224.6	1224.6	1052.3
37.5°	1355.0	1341.0	1294.5	1175.7	1040.7	982.5	1082.6	1294.5	1394.6	1394.6	1150.1
40°	1485.4	1483.0	1424.8	1289.8	1136.1	1057.0	1178.0	1445.8	1564.5	1555.2	1252.5
42.5°	1632.0	1622.7	1552.9	1408.5	1229.3	1138.5	1278.2	1604.1	1748.4	1734.5	1350.3
45°	1788.0	1767.1	1687.9	1531.9	1315.4	1222.3	1382.9	1760.1	1934.7	1939.4	1459.8
47.5°	1930.0	1925.4	1843.9	1660.0	1427.2	1310.8	1497.0	1955.6	2144.2	2132.6	1562.2
50°	2093.0	2083.7	1985.9	1785.7	1529.6	1413.2	1625.1	2148.9	2379.4	2367.7	1697.2
52.5°	2253.7	2235.0	2132.6	1918.4	1648.3	1524.9	1769.4	2360.7	2621.5	2595.9	1832.3
55°	2391.0	2384.0	2253.7	2051.1	1778.7	1643.7	1941.7	2593.6	2872.9	2861.3	1978.9
57.5°	2502.8	2488.8	2367.7	2167.5	1897.4	1804.3	2141.9	2826.4	3136.0	3108.1	2134.9
60°	2537.7	2523.7	2402.7	2246.7	2009.2	1969.6	2367.7	3087.1	3403.8	3366.5	2290.9
62.5°	2463.2	2449.2	2353.8	2253.7	2090.7	2127.9	2616.8	3364.2	3664.5	3627.3	2442.2
65°	2221.1	2214.1	2176.8	2158.2	2104.7	2251.3	2882.3	3608.6	3888.0	3825.2	2565.6
67.5°	1857.9	1867.2	1871.8	1941.7	2018.5	2321.2	3068.5	3832.1	4058.0	3969.5	2607.5
70°	1429.5	1413.2	1492.3	1622.7	1813.6	2276.9	3168.6	3955.5	4120.8	3978.8	2579.6
72.5°	1017.4	1019.7	1108.2	1280.5	1552.9	2132.6	3150.0	3911.3	4011.4	3846.1	2446.9
75°	703.1	698.4	766.0	935.9	1238.6	1862.5	2924.2	3704.1	3694.8	3529.5	2162.9
77.5°	472.6	486.6	535.5	663.5	940.6	1552.9	2574.9	3217.5	3184.9	2977.7	1822.9
80°	332.9	328.3	379.5	474.9	656.5	1206.0	2088.4	2628.5	2588.9	2339.8	1422.5
82.5°	223.5	235.1	267.7	328.3	470.3	889.4	1583.1	1946.3	1902.1	1699.6	996.4
85°	146.7	151.3	181.6	230.5	325.9	612.3	1082.6	1313.1	1233.9	1108.2	651.9
87.5°	93.1	97.8	121.1	158.3	225.8	412.1	719.4	810.2	749.7	698.4	395.8
90°	55.9	60.5	79.2	109.4	156.0	277.1	435.4	470.3	419.1	381.8	239.8
92.5°	39.6	41.9	55.9	79.2	114.1	186.3	270.1	270.1	246.8	211.9	151.3
95°	27.9	30.3	41.9	60.5	86.1	128.0	170.0	160.6	142.0	132.7	102.4
97.5°	23.3	23.3	34.9	48.9	69.8	97.8	111.8	102.4	95.5	88.5	76.8
100°	18.6	21.0	30.3	41.9	58.2	74.5	81.5	74.5	67.5	65.2	58.2
102.5°	16.3	18.6	25.6	37.3	48.9	60.5	62.9	55.9	53.5	48.9	44.2
105°	14.0	16.3	21.0	32.6	41.9	51.2	51.2	46.6	41.9	39.6	34.9
107.5°	14.0	14.0	18.6	27.9	37.3	41.9	44.2	37.3	32.6	30.3	27.9
110°	11.6	11.6	16.3	23.3	32.6	37.3	37.3	30.3	25.6	23.3	21.0

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	71°	75°	85°
112.5°	11.6	11.6	16.3	21.0	27.9	32.6	30.3	25.6	21.0	18.6	18.6
115°	11.6	11.6	14.0	18.6	25.6	27.9	25.6	21.0	18.6	16.3	16.3
117.5°	9.3	11.6	14.0	18.6	23.3	25.6	23.3	18.6	16.3	14.0	14.0
120°	9.3	9.3	11.6	16.3	18.6	21.0	21.0	16.3	14.0	11.6	14.0
122.5°	9.3	9.3	11.6	14.0	18.6	18.6	18.6	14.0	11.6	11.6	11.6
125°	9.3	9.3	11.6	14.0	16.3	16.3	16.3	11.6	9.3	9.3	11.6
127.5°	9.3	9.3	9.3	11.6	14.0	16.3	14.0	11.6	9.3	9.3	11.6
130°	9.3	9.3	9.3	11.6	14.0	14.0	11.6	9.3	9.3	9.3	9.3
132.5°	9.3	9.3	9.3	11.6	11.6	11.6	11.6	9.3	9.3	9.3	9.3
135°	9.3	9.3	9.3	9.3	11.6	11.6	9.3	9.3	7.0	7.0	9.3
137.5°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	7.0	7.0	7.0	9.3
140°	9.3	7.0	7.0	9.3	9.3	9.3	7.0	7.0	7.0	7.0	7.0
142.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	4.7	4.7	7.0	7.0
145°	7.0	7.0	7.0	7.0	7.0	7.0	4.7	4.7	4.7	4.7	7.0
147.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
150°	4.7	4.7	4.7	4.7	4.7	4.7	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°	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4
2.5°	123.4	123.4	121.1	118.7	116.4	114.1	114.1	114.1	114.1	111.8	111.8
5°	132.7	130.4	125.7	121.1	116.4	111.8	109.4	107.1	104.8	104.8	102.4
7.5°	151.3	146.7	137.4	128.0	121.1	114.1	109.4	104.8	102.4	100.1	100.1
10°	179.3	172.3	156.0	142.0	130.4	118.7	111.8	107.1	104.8	102.4	102.4
12.5°	214.2	204.9	181.6	160.6	142.0	128.0	121.1	114.1	111.8	109.4	109.4
15°	265.4	246.8	216.5	186.3	160.6	142.0	132.7	130.4	128.0	128.0	128.0
17.5°	321.3	300.3	253.8	211.9	179.3	160.6	151.3	149.0	151.3	151.3	151.3
20°	388.8	358.5	295.7	242.1	202.5	183.9	176.9	174.6	179.3	181.6	183.9
22.5°	468.0	421.4	337.6	272.4	230.5	209.5	200.2	202.5	209.5	216.5	216.5
25°	556.4	498.2	384.1	302.7	258.4	235.1	228.2	237.5	246.8	256.1	258.4
27.5°	642.6	568.1	430.7	335.3	286.4	258.4	258.4	267.7	291.0	300.3	305.0
30°	733.4	633.3	468.0	367.8	314.3	284.0	286.4	307.3	332.9	346.9	351.6
32.5°	814.9	693.8	498.2	395.8	337.6	309.6	312.0	339.9	374.8	393.5	395.8
35°	896.3	738.0	523.8	421.4	358.5	328.3	337.6	374.8	412.1	433.0	435.4
37.5°	956.9	772.9	535.5	437.7	377.2	342.2	356.2	402.8	444.7	463.3	465.6
40°	1012.7	793.9	540.1	449.3	388.8	356.2	372.5	426.1	468.0	486.6	486.6
42.5°	1054.7	800.9	537.8	454.0	398.1	363.2	384.1	442.3	484.3	498.2	500.6
45°	1098.9	807.9	528.5	454.0	400.4	367.8	388.8	449.3	491.2	500.6	500.6
47.5°	1145.5	812.5	516.8	449.3	398.1	367.8	393.5	454.0	491.2	495.9	495.9
50°	1210.6	824.2	502.9	440.0	393.5	365.5	393.5	454.0	486.6	481.9	481.9
52.5°	1271.2	840.5	488.9	430.7	386.5	360.9	391.1	451.7	477.3	465.6	465.6
55°	1345.7	852.1	472.6	416.7	377.2	353.9	384.1	442.3	463.3	449.3	447.0
57.5°	1429.5	875.4	458.6	400.4	365.5	346.9	377.2	433.0	449.3	428.4	426.1
60°	1515.6	894.0	442.3	386.5	353.9	335.3	365.5	419.1	430.7	409.8	407.4
62.5°	1580.8	910.3	426.1	372.5	342.2	323.6	353.9	402.8	412.1	391.1	388.8
65°	1636.7	917.3	407.4	356.2	328.3	312.0	339.9	384.1	391.1	372.5	370.2
67.5°	1650.7	903.3	384.1	337.6	312.0	298.0	321.3	363.2	372.5	356.2	351.6
70°	1615.7	866.1	363.2	321.3	298.0	281.7	302.7	339.9	349.2	335.3	335.3
72.5°	1511.0	803.2	337.6	300.3	279.4	263.1	281.7	314.3	325.9	319.0	314.3
75°	1348.0	707.8	307.3	279.4	258.4	244.5	258.4	288.7	300.3	298.0	298.0
77.5°	1115.2	603.0	274.7	251.4	237.5	223.5	237.5	260.8	274.7	277.1	274.7
80°	859.1	477.3	237.5	223.5	214.2	202.5	214.2	235.1	246.8	251.4	249.1
82.5°	619.3	363.2	200.2	195.6	188.6	183.9	188.6	204.9	221.2	223.5	223.5
85°	428.4	263.1	167.6	167.6	163.0	160.6	165.3	176.9	188.6	193.2	193.2
87.5°	277.1	188.6	135.0	139.7	142.0	139.7	142.0	146.7	158.3	163.0	160.6
90°	181.6	135.0	111.8	116.4	121.1	121.1	118.7	121.1	132.7	135.0	135.0
92.5°	121.1	102.4	95.5	97.8	102.4	104.8	102.4	102.4	109.4	111.8	109.4
95°	90.8	83.8	81.5	83.8	88.5	88.5	88.5	86.1	90.8	93.1	90.8
97.5°	69.8	67.5	69.8	72.2	76.8	76.8	76.8	74.5	76.8	76.8	74.5
100°	55.9	55.9	60.5	62.9	65.2	65.2	65.2	65.2	65.2	60.5	60.5
102.5°	44.2	46.6	51.2	55.9	55.9	58.2	55.9	55.9	53.5	51.2	48.9
105°	37.3	37.3	44.2	46.6	48.9	48.9	48.9	46.6	44.2	39.6	39.6
107.5°	27.9	30.3	37.3	39.6	41.9	41.9	41.9	39.6	37.3	32.6	32.6
110°	23.3	25.6	30.3	34.9	37.3	37.3	37.3	34.9	30.3	25.6	25.6

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	21.0	21.0	25.6	30.3	30.3	32.6	32.6	30.3	25.6	21.0	23.3
115°	16.3	18.6	23.3	25.6	27.9	27.9	27.9	25.6	21.0	18.6	18.6
117.5°	16.3	16.3	21.0	23.3	23.3	25.6	23.3	21.0	18.6	16.3	16.3
120°	14.0	16.3	18.6	21.0	21.0	21.0	21.0	18.6	16.3	16.3	16.3
122.5°	14.0	14.0	16.3	18.6	18.6	18.6	18.6	16.3	14.0	14.0	14.0
125°	11.6	14.0	14.0	16.3	16.3	16.3	16.3	14.0	14.0	14.0	14.0
127.5°	11.6	11.6	14.0	14.0	14.0	14.0	14.0	14.0	11.6	11.6	11.6
130°	11.6	11.6	11.6	14.0	14.0	14.0	14.0	11.6	11.6	11.6	11.6
132.5°	9.3	9.3	11.6	11.6	11.6	11.6	11.6	11.6	9.3	11.6	11.6
135°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
137.5°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
140°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	9.3	9.3
142.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
145°	7.0	7.0	7.0	4.7	4.7	4.7	7.0	7.0	7.0	7.0	7.0
147.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	7.0	7.0	7.0
150°	4.7	4.7	4.7	4.7	2.3	4.7	4.7	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

(END OF REPORT)