

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: P695697

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

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695697
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-28)
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-CL
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 5000K, 1160mA LIGHTSQUARE WITH 16 LEDS AND TYPE III SPILL
LIGHT ELIMINATOR OPTICS AND CLEAR LENS PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6357.1 lumens
Efficiency: N/A
Efficacy: 102.5 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

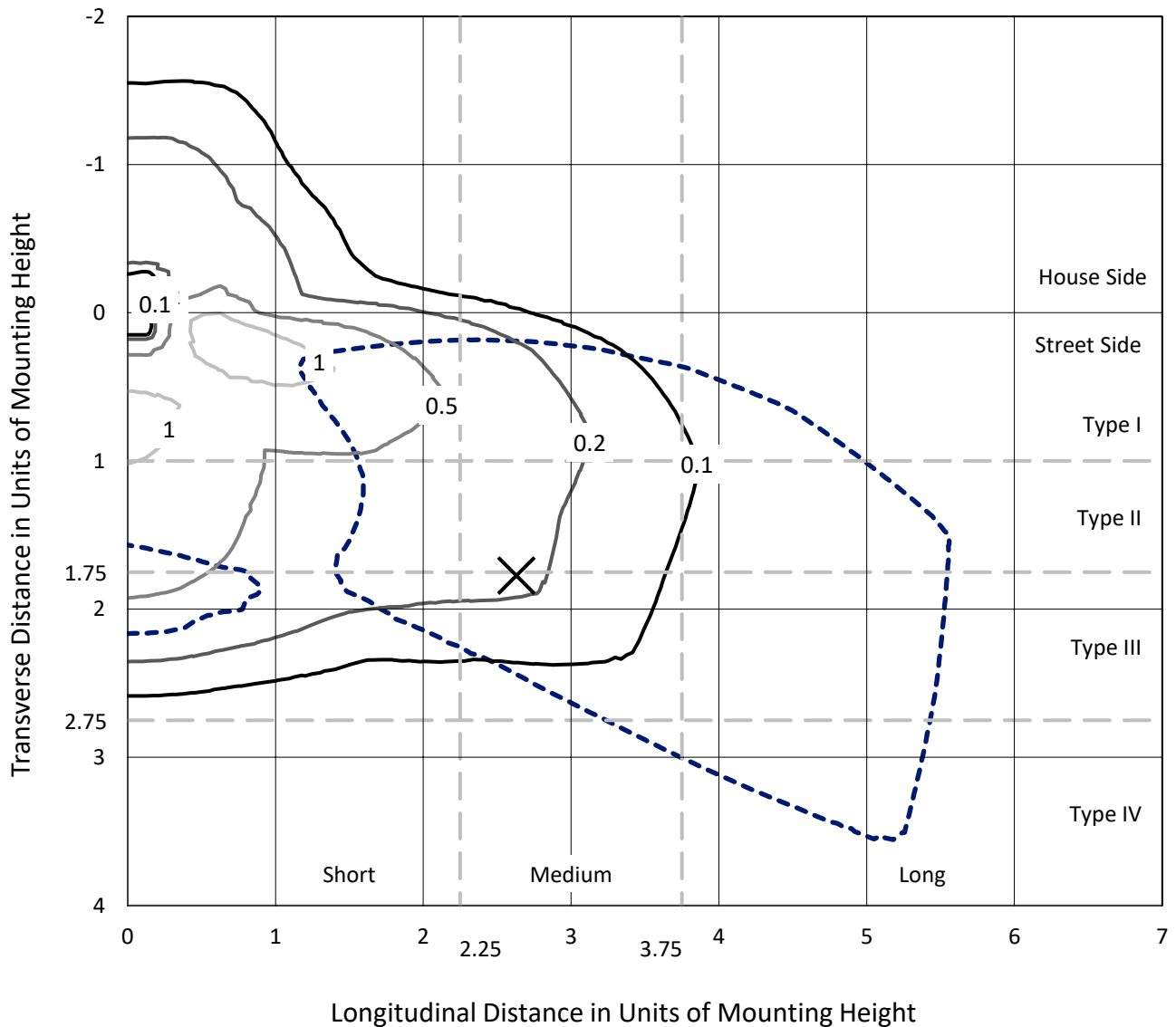
Input Watts (W): 62
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

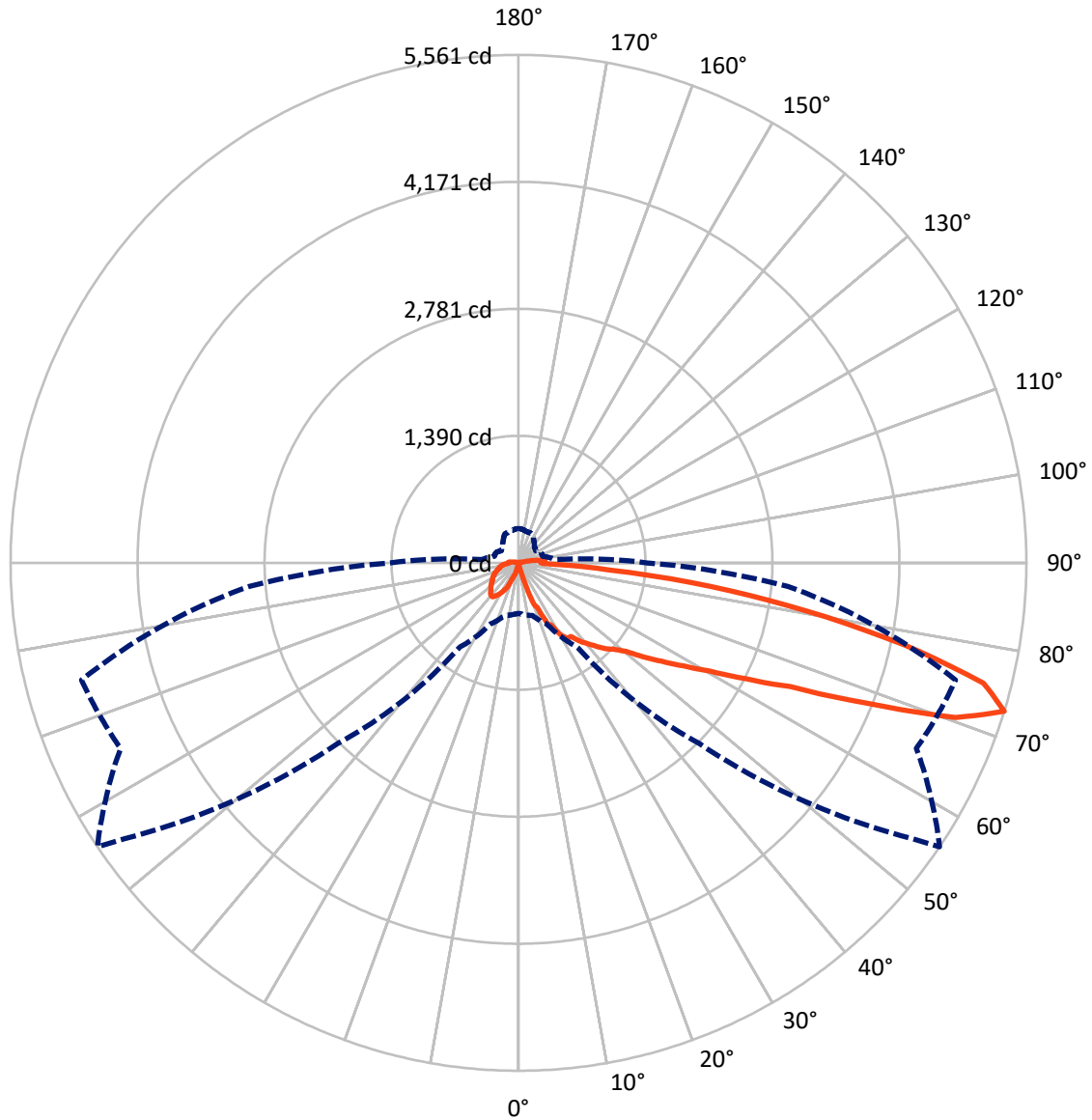
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.5 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 56-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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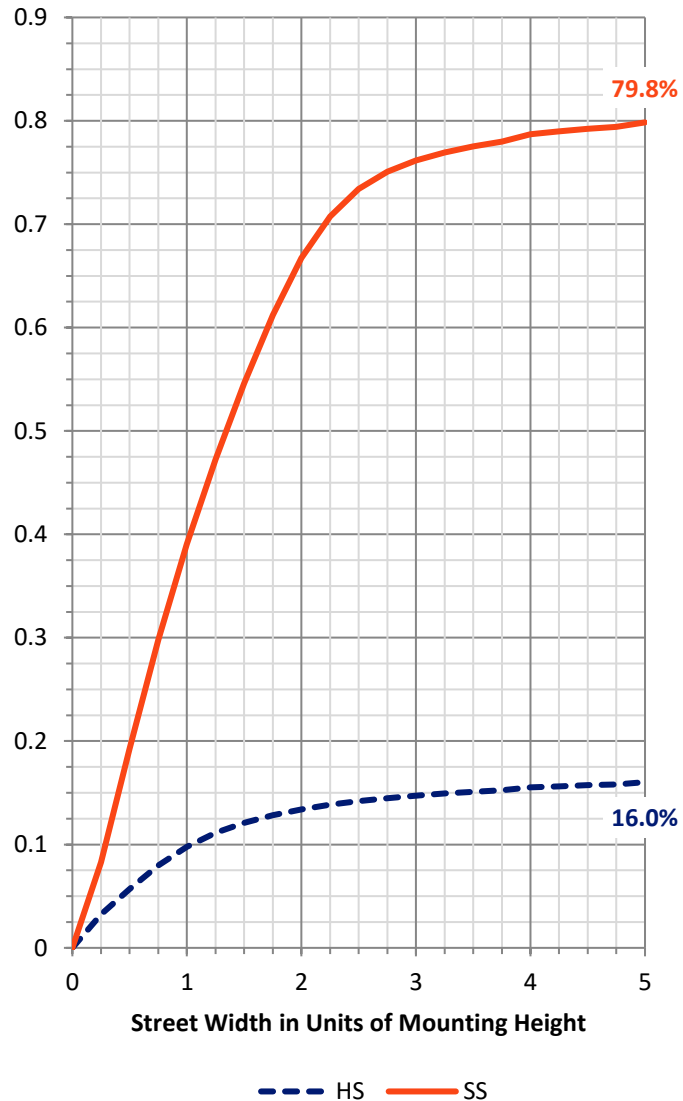
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1086.0	68.9	1154.8
	% Fixture	17.1	1.1	18.2
Street Side	Lumens	5129.7	72.6	5202.3
	% Fixture	80.7	1.1	81.8
Total	Lumens	6215.7	141.4	6357.1
	% Fixture	97.8	2.2	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.8	0.0
10°-20°	52.2	0.8
20°-30°	245.7	3.9
30°-40°	541.0	8.5
40°-50°	811.2	12.8
50°-60°	1194.7	18.8
60°-70°	1658.9	26.1
70°-80°	1336.5	21.0
80°-90°	374.5	5.9
90°-100°	100.9	1.6
100°-110°	19.5	0.3
110°-120°	7.6	0.1
120°-130°	5.9	0.1
130°-140°	4.1	0.1
140°-150°	3.1	0.0
150°-160°	0.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	6215.7	97.8
0°-180°	6357.1	100.0

Coefficient of Utilization

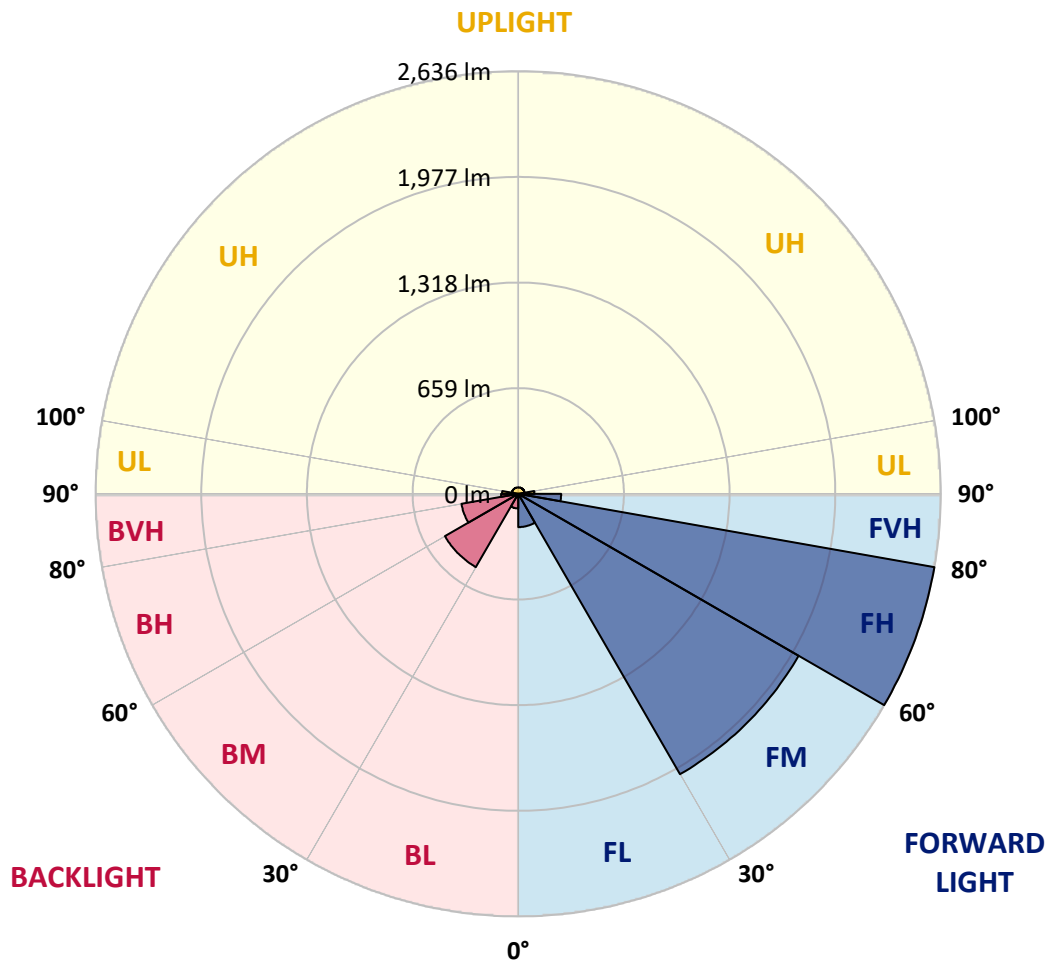


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	207.6	3.3			
FM (30°-60°)	2019.1	31.8			
FH (60°-80°)	2635.8	41.5			G2/5000
FVH (80°-90°)	267.3	4.2			G3/500
BL (0°-30°)	91.2	1.4	B0/110		
BM (30°-60°)	527.9	8.3	B1/1000		
BH (60°-80°)	359.6	5.7	B1/500		G1/500
BVH (80°-90°)	107.2	1.7			G2/225
UL (90°-100°)	100.9	1.6		U3/500	
UH (100°-180°)	40.5	0.6		U2/50	

BUG Rating: B1-U3-G3
 Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	65°	75°	85°
0°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
5°	7.0	7.0	7.0	7.0	9.3	9.3	7.0	7.0	7.0	7.0	7.0
7.5°	11.6	11.6	9.3	9.3	9.3	9.3	9.3	9.3	7.0	7.0	7.0
10°	67.5	65.2	58.2	39.6	23.3	11.6	9.3	9.3	9.3	9.3	11.6
12.5°	295.6	293.3	295.6	277.0	74.5	39.6	18.6	18.6	27.9	37.2	48.9
15°	311.9	314.3	314.3	304.9	304.9	130.4	72.2	100.1	286.3	311.9	304.9
17.5°	409.7	395.7	339.9	325.9	332.9	330.5	286.3	286.3	332.9	351.5	346.8
20°	481.9	481.9	484.2	479.5	356.2	456.2	491.2	493.5	393.4	544.7	588.9
22.5°	540.1	544.7	521.4	502.8	542.4	472.5	533.1	533.1	665.8	747.2	717.0
25°	749.6	747.2	705.3	563.3	563.3	572.6	723.9	737.9	833.4	831.0	798.4
27.5°	863.6	863.6	817.1	733.3	623.9	654.1	744.9	777.5	945.1	1201.1	1087.1
30°	1166.2	1170.9	1068.5	875.3	754.2	696.0	863.6	921.8	1184.9	1261.7	1129.0
32.5°	1254.7	1257.0	1264.0	1119.7	872.9	772.8	942.8	984.7	1271.0	1596.9	1422.3
35°	1280.3	1284.9	1284.9	1182.5	1094.1	898.5	959.1	989.3	1513.1	1683.0	1424.6
37.5°	1364.1	1361.8	1343.1	1224.4	1180.2	994.0	1059.2	1089.4	1613.2	1811.0	1417.6
40°	1482.8	1482.8	1452.5	1305.9	1215.1	1091.7	1129.0	1161.6	1729.6	1962.3	1422.3
42.5°	1620.2	1608.5	1573.6	1399.0	1271.0	1152.3	1222.1	1250.0	1850.6	2153.2	1429.3
45°	1785.4	1773.8	1704.0	1529.4	1368.7	1177.9	1289.6	1343.1	1987.9	2355.7	1471.2
47.5°	1943.7	1939.1	1859.9	1659.7	1466.5	1215.1	1340.8	1415.3	2153.2	2614.1	1552.6
50°	2139.3	2116.0	2013.5	1787.8	1555.0	1287.3	1473.5	1522.4	2327.8	2863.2	1676.0
52.5°	2316.2	2274.3	2167.2	1918.1	1662.1	1387.4	1676.0	1708.6	2528.0	3123.9	1818.0
55°	2488.4	2427.9	2281.2	2053.1	1764.5	1503.8	1894.8	1901.8	2756.1	3391.6	1992.6
57.5°	2746.8	2684.0	2472.1	2178.8	1899.5	1652.7	2106.7	2129.9	2981.9	3691.9	2197.4
60°	3105.3	3061.1	2805.0	2476.8	2139.3	1850.6	2360.4	2406.9	3205.4	3992.2	2400.0
62.5°	3242.6	3191.4	2998.2	2770.1	2481.4	2206.8	2674.6	2800.3	3407.9	4294.8	2635.1
65°	2870.2	2870.2	2767.8	2781.7	2695.6	2777.1	3121.6	3268.2	3645.3	4534.6	2837.6
67.5°	1866.9	1876.2	1941.4	2218.4	2525.7	3238.0	3892.1	4094.6	4006.1	4792.9	3007.5
70°	847.3	879.9	1021.9	1406.0	1922.8	3265.9	4779.0	5074.6	4425.2	4969.9	3068.0
72.5°	554.0	565.7	598.2	742.6	1131.3	2798.0	5270.1	5561.1	4806.9	4953.6	2958.6
75°	463.2	456.2	474.9	526.1	570.3	1920.4	5014.1	5256.2	4758.0	4660.3	2693.3
77.5°	384.1	377.1	395.7	423.7	337.5	1054.5	4169.1	4308.8	4115.6	3982.9	2197.4
80°	295.6	295.6	304.9	342.2	246.7	512.1	3098.3	3203.1	3047.1	2844.6	1315.2
82.5°	202.5	200.2	221.1	263.0	197.9	295.6	2116.0	2118.3	1820.3	1385.0	619.2
85°	90.8	90.8	109.4	151.3	116.4	183.9	966.0	1001.0	619.2	442.3	277.0
87.5°	30.3	30.3	32.6	37.2	39.6	86.1	270.0	274.7	239.8	272.4	204.8
90°	27.9	27.9	27.9	27.9	30.3	83.8	242.1	242.1	214.2	253.7	204.8
92.5°	27.9	27.9	25.6	23.3	25.6	76.8	267.7	288.6	235.1	265.4	214.2
95°	27.9	27.9	23.3	21.0	23.3	55.9	267.7	286.3	246.7	230.5	193.2
97.5°	18.6	18.6	16.3	16.3	18.6	32.6	195.5	202.5	158.3	116.4	116.4
100°	16.3	16.3	11.6	11.6	14.0	18.6	104.8	111.7	76.8	37.2	37.2
102.5°	16.3	16.3	9.3	9.3	9.3	11.6	30.3	32.6	27.9	16.3	18.6
105°	18.6	18.6	9.3	7.0	7.0	9.3	14.0	14.0	16.3	14.0	18.6
107.5°	16.3	16.3	7.0	7.0	7.0	7.0	7.0	7.0	9.3	14.0	18.6
110°	11.6	9.3	7.0	7.0	4.7	7.0	7.0	7.0	7.0	11.6	16.3

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	56°	65°	75°	85°
112.5°	7.0	7.0	4.7	4.7	4.7	7.0	4.7	4.7	7.0	9.3	14.0
115°	7.0	7.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7	9.3	11.6
117.5°	7.0	7.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7	9.3	14.0
120°	7.0	7.0	4.7	2.3	4.7	4.7	4.7	4.7	4.7	9.3	14.0
122.5°	7.0	7.0	4.7	2.3	4.7	4.7	4.7	4.7	4.7	9.3	14.0
125°	7.0	7.0	4.7	2.3	4.7	2.3	4.7	4.7	4.7	9.3	11.6
127.5°	7.0	4.7	4.7	2.3	4.7	4.7	4.7	4.7	4.7	7.0	11.6
130°	4.7	4.7	4.7	2.3	4.7	4.7	4.7	4.7	4.7	7.0	11.6
132.5°	4.7	4.7	4.7	2.3	4.7	4.7	4.7	4.7	4.7	7.0	9.3
135°	4.7	4.7	2.3	2.3	4.7	4.7	4.7	4.7	4.7	4.7	7.0
137.5°	4.7	4.7	4.7	2.3	4.7	4.7	4.7	4.7	4.7	4.7	7.0
140°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
142.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
145°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	7.0	7.0
147.5°	4.7	7.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7	7.0	7.0
150°	7.0	7.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7	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

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2.5°	7.0	7.0	4.7	4.7	4.7	4.7	7.0	7.0	7.0	7.0	7.0
5°	7.0	7.0	4.7	4.7	4.7	4.7	4.7	4.7	7.0	7.0	7.0
7.5°	7.0	7.0	4.7	4.7	4.7	4.7	4.7	4.7	7.0	7.0	7.0
10°	9.3	9.3	7.0	4.7	4.7	4.7	4.7	4.7	7.0	7.0	7.0
12.5°	55.9	48.9	37.2	21.0	9.3	4.7	4.7	4.7	7.0	9.3	9.3
15°	291.0	272.4	218.8	144.3	46.6	11.6	7.0	21.0	65.2	88.5	86.1
17.5°	332.9	304.9	228.1	158.3	128.0	58.2	60.5	109.4	128.0	137.3	135.0
20°	575.0	474.9	281.7	183.9	149.0	139.7	123.4	139.7	158.3	169.9	172.3
22.5°	654.1	544.7	335.2	274.7	190.9	197.9	183.9	176.9	251.4	270.0	274.7
25°	707.7	565.7	351.5	309.6	291.0	230.5	253.7	260.7	291.0	302.6	304.9
27.5°	907.8	665.8	433.0	353.8	325.9	291.0	300.3	300.3	332.9	388.7	391.1
30°	896.2	626.2	453.9	414.3	365.5	342.2	328.2	381.8	423.7	435.3	437.6
32.5°	1049.8	677.4	507.5	437.6	407.4	363.1	388.7	419.0	444.6	477.2	495.8
35°	961.4	612.2	528.4	491.2	430.6	398.1	421.3	449.3	535.4	563.3	563.3
37.5°	863.6	558.7	509.8	495.8	463.2	423.7	430.6	507.5	547.0	535.4	535.4
40°	775.2	521.4	493.5	486.5	465.6	423.7	456.2	493.5	530.7	521.4	521.4
42.5°	719.3	498.1	477.2	472.5	456.2	416.7	442.3	486.5	528.4	512.1	509.8
45°	698.3	477.2	465.6	456.2	430.6	400.4	433.0	491.2	523.8	505.1	502.8
47.5°	719.3	465.6	453.9	442.3	409.7	374.8	437.6	484.2	514.4	486.5	481.9
50°	786.8	465.6	440.0	423.7	393.4	374.8	430.6	467.9	491.2	458.6	451.6
52.5°	875.3	474.9	426.0	402.7	377.1	372.4	421.3	458.6	472.5	437.6	435.3
55°	996.3	491.2	407.4	386.4	351.5	363.1	421.3	460.9	456.2	416.7	414.3
57.5°	1119.7	509.8	391.1	374.8	335.2	351.5	416.7	463.2	435.3	386.4	386.4
60°	1252.4	533.1	370.1	360.8	323.6	335.2	402.7	458.6	414.3	363.1	363.1
62.5°	1385.0	544.7	353.8	346.8	309.6	318.9	386.4	444.6	407.4	358.5	358.5
65°	1492.1	533.1	337.5	328.2	291.0	300.3	363.1	433.0	395.7	360.8	363.1
67.5°	1552.6	500.5	321.2	314.3	272.4	281.7	335.2	407.4	377.1	358.5	363.1
70°	1524.7	444.6	300.3	291.0	253.7	265.4	309.6	377.1	365.5	358.5	365.5
72.5°	1403.7	402.7	274.7	270.0	230.5	246.7	293.3	351.5	351.5	372.4	374.8
75°	1250.0	358.5	253.7	249.1	214.2	225.8	286.3	321.2	328.2	356.2	363.1
77.5°	1014.9	300.3	223.5	228.1	209.5	209.5	272.4	302.6	309.6	342.2	344.5
80°	621.5	221.1	193.2	204.8	193.2	200.2	256.1	281.7	286.3	330.5	335.2
82.5°	309.6	156.0	165.3	181.6	172.3	197.9	244.4	267.7	291.0	335.2	337.5
85°	158.3	95.4	125.7	146.7	149.0	218.8	239.8	277.0	272.4	302.6	309.6
87.5°	100.1	48.9	72.2	79.1	111.7	207.2	211.8	228.1	223.5	258.4	258.4
90°	97.8	39.6	62.9	60.5	111.7	176.9	162.9	165.3	176.9	218.8	221.1
92.5°	102.4	37.2	65.2	60.5	118.7	139.7	130.4	125.7	139.7	165.3	169.9
95°	90.8	34.9	69.8	65.2	102.4	93.1	83.8	93.1	90.8	90.8	93.1
97.5°	53.5	25.6	67.5	65.2	81.5	48.9	55.9	69.8	53.5	39.6	37.2
100°	23.3	16.3	65.2	62.9	51.2	30.3	46.6	58.2	39.6	16.3	16.3
102.5°	14.0	14.0	46.6	58.2	30.3	16.3	34.9	39.6	23.3	14.0	14.0
105°	14.0	14.0	23.3	34.9	11.6	9.3	16.3	18.6	11.6	11.6	11.6
107.5°	14.0	14.0	11.6	11.6	9.3	9.3	9.3	9.3	9.3	11.6	11.6
110°	14.0	14.0	9.3	11.6	9.3	7.0	7.0	7.0	9.3	11.6	11.6

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 CATALOG NUMBER: LXF.LXT-PA16-60-750-U-SL3-CL

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	11.6	11.6	9.3	9.3	7.0	7.0	7.0	7.0	9.3	11.6	11.6
115°	11.6	11.6	9.3	7.0	7.0	7.0	7.0	7.0	9.3	11.6	11.6
117.5°	11.6	9.3	7.0	7.0	7.0	7.0	7.0	7.0	9.3	14.0	14.0
120°	11.6	9.3	7.0	7.0	4.7	4.7	7.0	7.0	9.3	14.0	14.0
122.5°	11.6	11.6	7.0	7.0	4.7	4.7	4.7	7.0	9.3	14.0	14.0
125°	11.6	9.3	7.0	7.0	4.7	4.7	4.7	4.7	9.3	14.0	14.0
127.5°	11.6	9.3	7.0	4.7	4.7	4.7	4.7	4.7	9.3	14.0	14.0
130°	9.3	9.3	7.0	4.7	4.7	4.7	4.7	4.7	9.3	11.6	14.0
132.5°	9.3	7.0	4.7	4.7	4.7	4.7	4.7	4.7	7.0	11.6	11.6
135°	7.0	7.0	4.7	4.7	4.7	4.7	4.7	4.7	7.0	9.3	9.3
137.5°	7.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7	7.0	7.0	7.0
140°	4.7	4.7	4.7	4.7	2.3	2.3	4.7	4.7	4.7	7.0	7.0
142.5°	4.7	4.7	4.7	4.7	2.3	4.7	4.7	4.7	7.0	7.0	7.0
145°	7.0	4.7	4.7	4.7	2.3	2.3	4.7	4.7	7.0	7.0	7.0
147.5°	7.0	4.7	4.7	4.7	2.3	2.3	4.7	4.7	7.0	7.0	7.0
150°	7.0	7.0	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)