

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: P695666

Luminaire Tested: **LXF.LXT-PA16-60-740-U-SL3-A**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695666
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-27)
Test Lab: INNOVATION CENTER
Issue Date: 7/5/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-PA16-60-740-U-SL3-A
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 4000K, 1160mA LIGHTSQUARE WITH 16 LEDS AND TYPE III SPILL
LIGHT ELIMINATOR OPTICS AND REFRACTOR PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6159 lumens
Efficiency: N/A
Efficacy: 99.3 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')
IES Classification: Type III - Medium
BUG Rating: B1 - U3 - G3

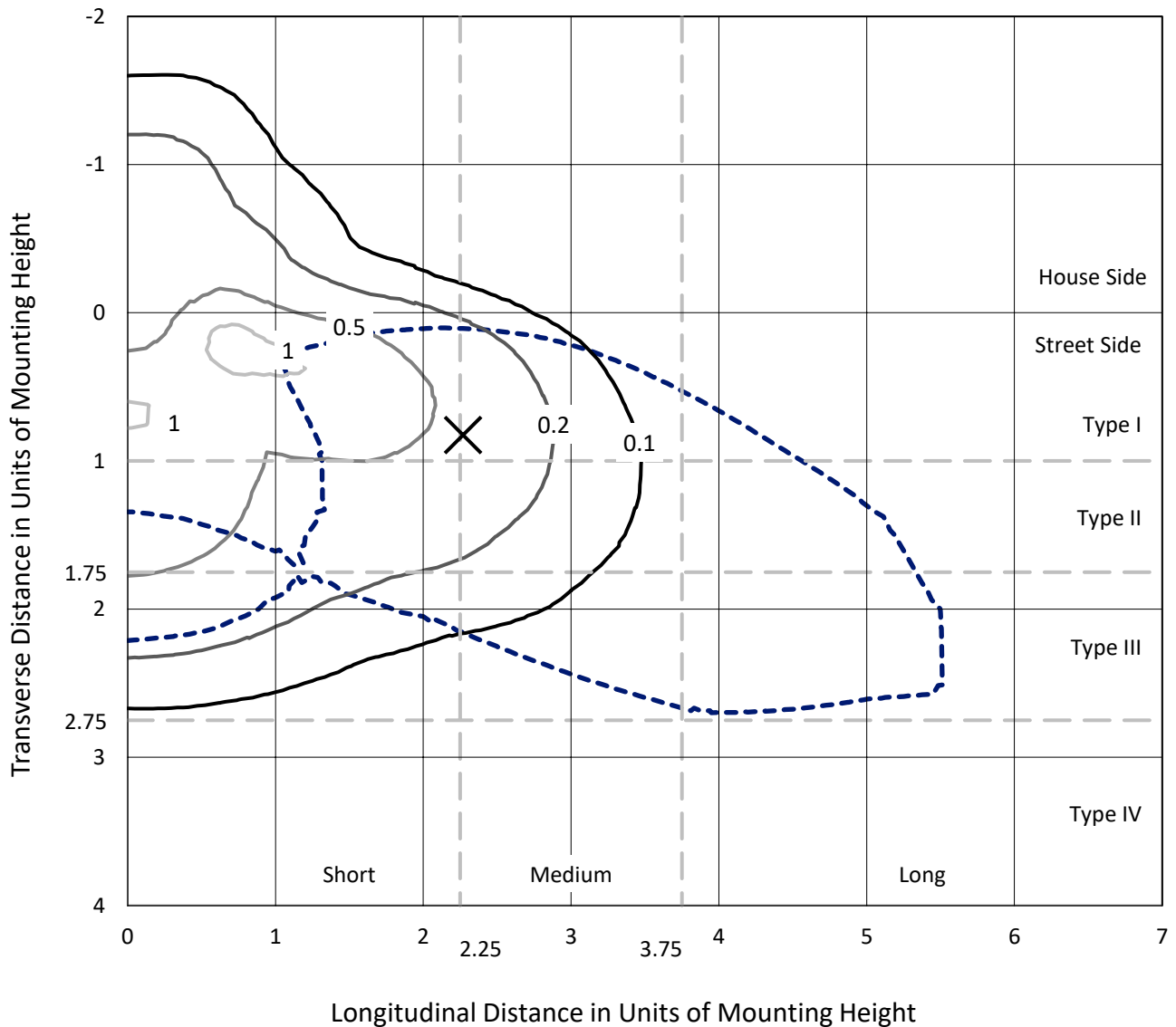
Input Watts (W): 62
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

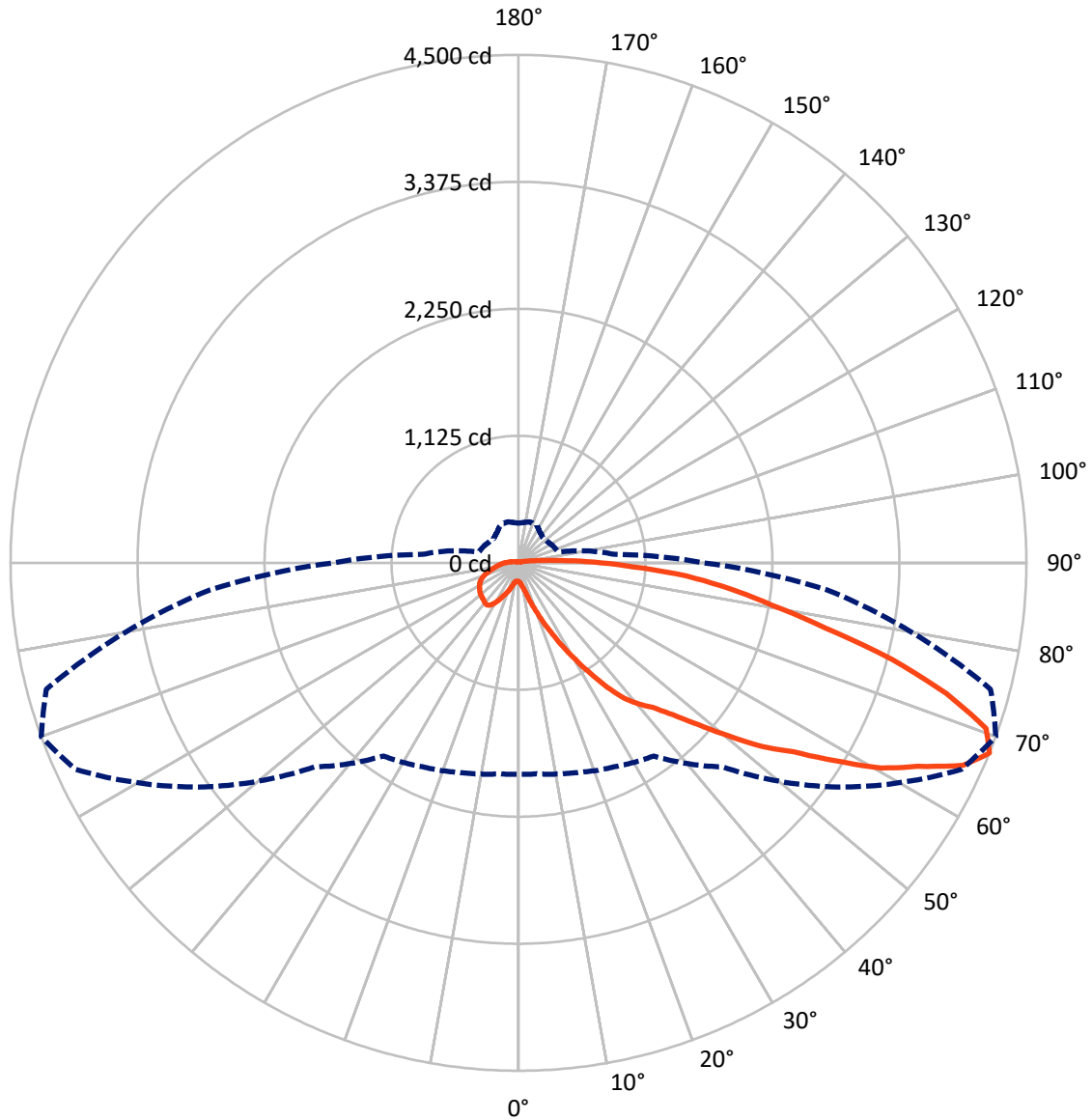
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.2 fc
 Type III - 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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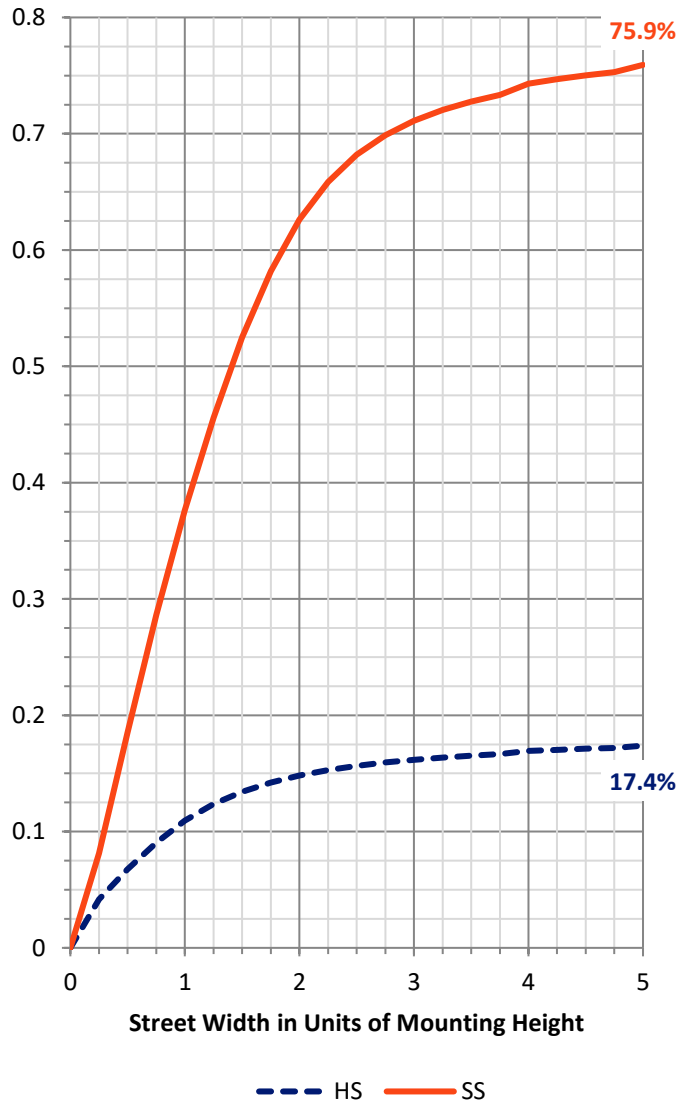
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1125.0	100.5	1225.6
	% Fixture	18.3	1.6	19.9
Street Side	Lumens	4805.1	128.3	4933.4
	% Fixture	78.0	2.1	80.1
Total	Lumens	5930.1	228.9	6159.0
	% Fixture	96.3	3.7	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.1	0.3
10°-20°	75.1	1.2
20°-30°	222.1	3.6
30°-40°	485.5	7.9
40°-50°	764.1	12.4
50°-60°	1181.6	19.2
60°-70°	1579.2	25.6
70°-80°	1117.4	18.1
80°-90°	488.0	7.9
90°-100°	137.3	2.2
100°-110°	44.0	0.7
110°-120°	21.4	0.3
120°-130°	13.2	0.2
130°-140°	8.6	0.1
140°-150°	4.1	0.1
150°-160°	0.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5930.1	96.3
0°-180°	6159.0	100.0

Coefficient of Utilization

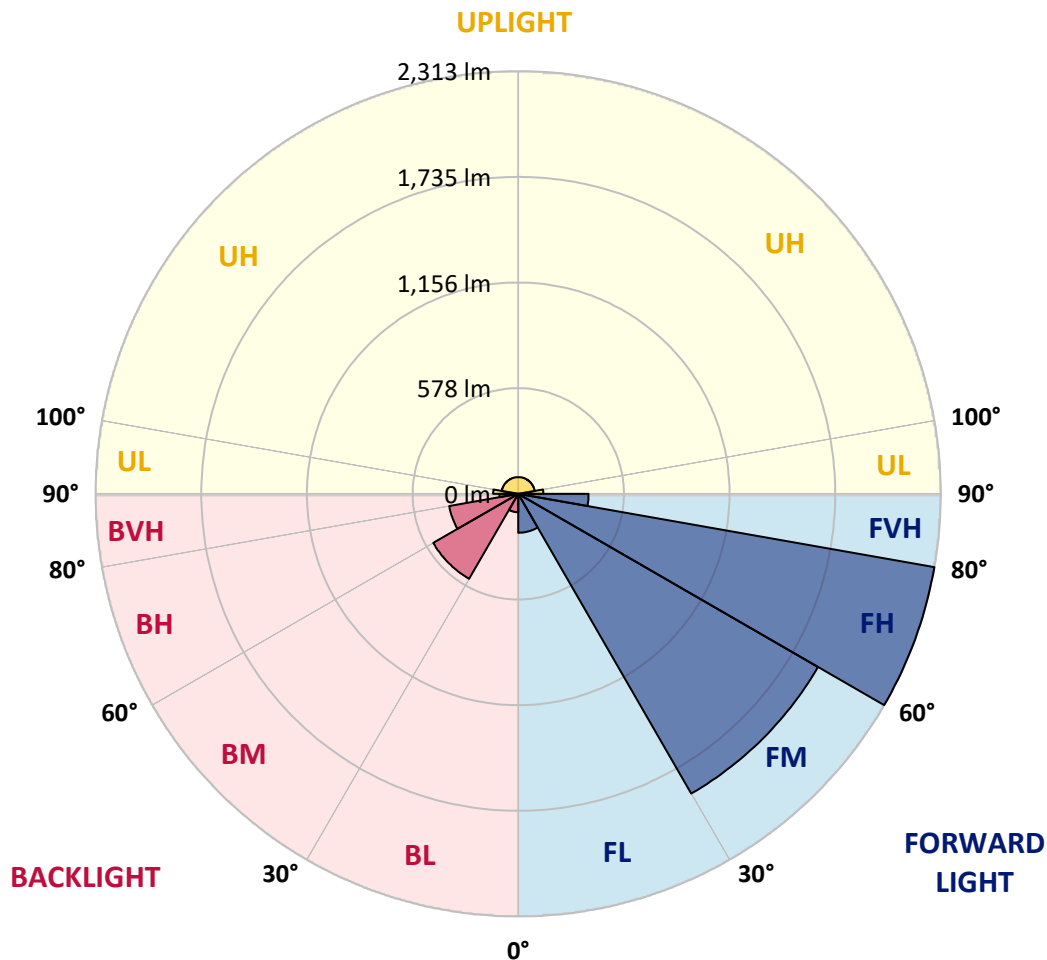


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	213.2	3.5			
FM (30°-60°)	1894.1	30.8			
FH (60°-80°)	2312.9	37.6			G2/5000
FVH (80°-90°)	384.9	6.2			G3/500
BL (0°-30°)	101.1	1.6	B0/110		
BM (30°-60°)	537.2	8.7	B1/1000		
BH (60°-80°)	383.7	6.2	B1/500		G1/500
BVH (80°-90°)	103.1	1.7			G2/225
UL (90°-100°)	137.3	2.2		U3/500	
UH (100°-180°)	91.5	1.5		U3/500	

BUG Rating: B1-U3-G3
 Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	85°
0°	167.6	167.6	167.6	167.6	167.6	167.6	167.6	167.6	167.6	167.6	167.6
2.5°	176.9	176.9	179.2	176.9	176.9	176.9	174.6	172.3	169.9	169.9	167.6
5°	195.5	195.5	195.5	195.5	193.2	190.9	188.5	183.9	181.6	179.2	174.6
7.5°	218.8	218.8	218.8	218.8	216.5	214.1	207.2	200.2	197.9	195.5	186.2
10°	253.7	253.7	253.7	249.1	246.7	242.1	235.1	228.1	223.5	218.8	204.8
12.5°	300.3	297.9	297.9	293.3	284.0	274.7	272.3	265.4	260.7	256.0	239.8
15°	358.5	358.5	358.5	346.8	337.5	328.2	325.9	318.9	318.9	311.9	291.0
17.5°	423.6	423.6	414.3	402.7	395.7	391.1	393.4	391.1	388.7	379.4	351.5
20°	495.8	493.5	481.8	465.5	456.2	460.9	467.9	474.9	472.5	460.9	421.3
22.5°	588.9	584.3	563.3	540.0	519.1	526.1	549.3	572.6	579.6	561.0	512.1
25°	689.0	689.0	658.7	623.8	598.2	595.9	628.5	693.7	698.3	696.0	626.2
27.5°	821.7	814.7	772.8	721.6	672.7	675.0	726.2	812.4	840.3	838.0	744.9
30°	966.0	963.7	914.8	840.3	756.5	744.9	828.7	959.0	993.9	1007.9	882.2
32.5°	1077.7	1089.4	1028.9	956.7	847.3	817.0	921.8	1096.4	1166.2	1170.8	1010.2
35°	1203.4	1203.4	1145.2	1054.5	926.4	886.9	1017.2	1245.3	1352.4	1361.7	1140.6
37.5°	1254.6	1270.9	1226.7	1140.6	1000.9	947.4	1115.0	1412.9	1522.3	1554.9	1236.0
40°	1322.1	1336.1	1287.2	1194.1	1061.4	1010.2	1198.8	1538.6	1645.7	1662.0	1266.3
42.5°	1452.5	1464.1	1392.0	1261.6	1112.6	1063.8	1259.3	1622.4	1752.8	1778.4	1317.5
45°	1585.2	1596.8	1531.6	1378.0	1177.8	1115.0	1317.5	1759.8	1918.0	1941.3	1394.3
47.5°	1764.4	1769.1	1682.9	1508.4	1275.6	1175.5	1405.9	1943.6	2141.5	2169.4	1499.0
50°	1959.9	1966.9	1855.2	1659.7	1387.3	1277.9	1531.6	2153.1	2406.9	2451.1	1650.4
52.5°	2155.5	2134.5	2034.4	1831.9	1536.3	1401.3	1678.3	2420.8	2702.5	2728.1	1790.0
55°	2376.6	2344.0	2218.3	1985.5	1701.6	1559.6	1906.4	2679.2	2953.9	2972.5	1943.6
57.5°	2607.0	2576.8	2416.2	2155.5	1869.2	1785.4	2157.8	2963.2	3305.4	3354.2	2178.7
60°	2646.6	2630.3	2513.9	2313.8	2055.4	2029.8	2465.1	3337.9	3691.8	3694.1	2376.6
62.5°	2597.7	2590.7	2483.7	2346.3	2197.4	2283.5	2874.7	3694.1	3971.1	3945.5	2553.5
65°	2362.6	2337.0	2337.0	2269.5	2234.6	2513.9	3235.5	4031.6	4327.2	4248.1	2721.1
67.5°	1873.8	1876.1	1925.0	1994.9	2088.0	2555.8	3463.6	4329.6	4499.5	4329.6	2739.7
70°	1319.8	1354.7	1459.5	1615.4	1799.3	2367.3	3475.3	4294.6	4394.7	4227.1	2618.7
72.5°	966.0	938.1	1019.5	1161.5	1438.5	2036.8	3177.3	3961.8	3966.4	3719.7	2267.2
75°	654.1	656.4	714.6	838.0	1045.1	1657.3	2760.7	3431.1	3417.1	3133.1	1890.1
77.5°	435.3	439.9	493.5	591.2	786.8	1329.1	2309.1	2837.5	2774.6	2581.4	1515.3
80°	297.9	309.6	339.8	409.7	572.6	1052.1	1894.8	2327.7	2276.5	2090.3	1222.1
82.5°	214.1	216.5	246.7	300.3	409.7	805.4	1543.3	1953.0	1883.1	1682.9	975.3
85°	162.9	162.9	183.9	221.1	295.6	614.5	1231.4	1554.9	1492.1	1301.2	728.6
87.5°	118.7	121.0	135.0	167.6	218.8	465.5	945.1	1117.3	1017.2	898.5	500.5
90°	76.8	81.5	90.8	121.0	162.9	330.5	658.7	730.9	663.4	556.3	323.6
92.5°	48.9	48.9	58.2	81.5	118.7	225.8	414.3	433.0	374.8	339.8	197.9
95°	32.6	34.9	41.9	55.9	83.8	153.6	249.1	251.4	221.1	186.2	125.7
97.5°	27.9	27.9	32.6	41.9	62.8	104.7	146.6	142.0	128.0	114.1	88.5
100°	23.3	23.3	27.9	34.9	51.2	76.8	93.1	90.8	83.8	81.5	69.8
102.5°	20.9	20.9	23.3	30.3	41.9	60.5	67.5	62.8	60.5	60.5	53.5
105°	18.6	18.6	20.9	25.6	34.9	48.9	51.2	46.6	46.6	44.2	41.9
107.5°	16.3	16.3	18.6	20.9	30.3	39.6	39.6	34.9	34.9	34.9	34.9
110°	16.3	16.3	16.3	18.6	25.6	32.6	32.6	27.9	27.9	25.6	27.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	85°
112.5°	14.0	14.0	14.0	18.6	23.3	27.9	25.6	23.3	20.9	20.9	23.3
115°	14.0	11.6	14.0	16.3	20.9	23.3	23.3	18.6	18.6	18.6	20.9
117.5°	11.6	11.6	11.6	14.0	18.6	20.9	18.6	16.3	16.3	16.3	18.6
120°	11.6	11.6	11.6	14.0	18.6	18.6	16.3	14.0	14.0	14.0	16.3
122.5°	11.6	11.6	11.6	14.0	16.3	16.3	16.3	14.0	14.0	14.0	16.3
125°	11.6	11.6	11.6	14.0	16.3	16.3	14.0	11.6	11.6	11.6	16.3
127.5°	11.6	11.6	11.6	14.0	14.0	14.0	11.6	11.6	11.6	11.6	14.0
130°	11.6	11.6	11.6	14.0	14.0	11.6	11.6	11.6	11.6	11.6	14.0
132.5°	11.6	11.6	11.6	14.0	14.0	11.6	11.6	9.3	11.6	11.6	14.0
135°	11.6	11.6	11.6	11.6	11.6	9.3	9.3	9.3	9.3	11.6	11.6
137.5°	11.6	11.6	11.6	11.6	11.6	9.3	7.0	9.3	9.3	9.3	11.6
140°	9.3	9.3	9.3	9.3	9.3	7.0	7.0	7.0	7.0	9.3	9.3
142.5°	9.3	9.3	9.3	9.3	7.0	7.0	4.7	7.0	7.0	7.0	9.3
145°	7.0	7.0	7.0	7.0	7.0	4.7	4.7	4.7	4.7	7.0	7.0
147.5°	7.0	7.0	7.0	7.0	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	2.3	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°	167.6	167.6	167.6	167.6	167.6	167.6	167.6	167.6	167.6	167.6	167.6
2.5°	167.6	165.3	165.3	162.9	160.6	160.6	160.6	160.6	158.3	158.3	158.3
5°	172.3	169.9	165.3	160.6	156.0	151.3	151.3	149.0	149.0	146.6	144.3
7.5°	181.6	176.9	167.6	160.6	153.6	146.6	144.3	142.0	139.7	137.3	137.3
10°	200.2	190.9	176.9	162.9	151.3	142.0	137.3	135.0	132.7	130.4	130.4
12.5°	228.1	218.8	195.5	172.3	153.6	142.0	135.0	132.7	130.4	130.4	130.4
15°	274.7	258.4	223.5	190.9	160.6	144.3	137.3	139.7	144.3	144.3	144.3
17.5°	328.2	307.3	256.0	211.8	174.6	156.0	151.3	156.0	160.6	162.9	162.9
20°	391.1	358.5	291.0	232.8	190.9	176.9	172.3	176.9	183.9	188.5	188.5
22.5°	470.2	419.0	328.2	253.7	211.8	197.9	195.5	200.2	209.5	218.8	216.5
25°	561.0	493.5	370.1	277.0	239.8	221.1	223.5	232.8	249.1	258.4	263.0
27.5°	661.1	570.3	412.0	309.6	265.4	246.7	251.4	267.7	293.3	309.6	309.6
30°	768.1	644.8	453.9	342.2	293.3	272.3	281.7	311.9	339.8	360.8	360.8
32.5°	872.9	716.9	486.5	379.4	323.6	297.9	311.9	351.5	388.7	412.0	414.3
35°	954.4	761.2	502.8	407.4	349.2	318.9	337.5	393.4	442.3	467.9	470.2
37.5°	1000.9	775.1	505.1	428.3	370.1	337.5	363.1	428.3	481.8	507.4	507.4
40°	993.9	747.2	488.8	439.9	384.1	353.8	386.4	460.9	514.4	533.0	528.4
42.5°	1007.9	735.6	477.2	435.3	388.7	363.1	400.4	477.2	521.4	528.4	523.7
45°	1024.2	719.3	465.5	430.6	386.4	367.8	407.4	477.2	514.4	512.1	507.4
47.5°	1068.4	716.9	458.6	428.3	384.1	365.5	407.4	474.9	502.8	491.1	486.5
50°	1128.9	726.2	453.9	423.6	381.7	360.8	402.7	470.2	495.8	484.2	479.5
52.5°	1184.8	730.9	444.6	419.0	379.4	358.5	400.4	470.2	491.1	467.9	460.9
55°	1257.0	754.2	433.0	409.7	374.8	353.8	398.0	465.5	470.2	442.3	437.6
57.5°	1389.6	798.4	423.6	398.0	367.8	351.5	393.4	449.2	456.2	430.6	423.6
60°	1487.4	831.0	414.3	388.7	356.1	344.5	381.7	439.9	442.3	407.4	400.4
62.5°	1573.5	854.3	398.0	377.1	349.2	337.5	370.1	419.0	412.0	381.7	379.4
65°	1657.3	872.9	386.4	360.8	335.2	323.6	356.1	391.1	393.4	367.8	363.1
67.5°	1641.0	854.3	363.1	342.2	318.9	307.3	330.5	372.4	374.8	356.1	351.5
70°	1543.3	791.4	335.2	321.2	295.6	284.0	304.9	346.8	353.8	339.8	337.5
72.5°	1336.1	684.3	297.9	291.0	270.0	258.4	279.3	314.2	325.9	314.2	309.6
75°	1124.3	577.3	265.4	258.4	244.4	232.8	249.1	281.7	295.6	293.3	293.3
77.5°	900.8	463.2	235.1	230.4	218.8	209.5	223.5	251.4	270.0	272.3	267.7
80°	723.9	377.1	207.2	204.8	197.9	190.9	197.9	221.1	242.1	246.7	244.4
82.5°	581.9	314.2	183.9	183.9	176.9	172.3	176.9	197.9	223.5	232.8	230.4
85°	446.9	258.4	165.3	162.9	158.3	156.0	160.6	174.6	202.5	214.1	214.1
87.5°	325.9	204.8	146.6	142.0	139.7	139.7	142.0	156.0	181.6	190.9	188.5
90°	225.8	158.3	125.7	121.0	118.7	121.0	125.7	137.3	156.0	158.3	158.3
92.5°	153.6	121.0	104.7	100.1	100.1	104.7	109.4	118.7	130.4	128.0	125.7
95°	107.1	90.8	83.8	81.5	81.5	86.1	90.8	100.1	107.1	102.4	100.1
97.5°	79.1	72.2	69.8	67.5	65.2	72.2	74.5	79.1	86.1	83.8	81.5
100°	62.8	60.5	58.2	55.9	53.5	58.2	60.5	65.2	69.8	65.2	65.2
102.5°	51.2	51.2	48.9	46.6	46.6	48.9	51.2	53.5	55.9	53.5	51.2
105°	41.9	41.9	41.9	39.6	39.6	41.9	44.2	44.2	46.6	41.9	41.9
107.5°	34.9	34.9	37.2	34.9	34.9	37.2	37.2	37.2	37.2	34.9	34.9
110°	30.3	30.3	30.3	30.3	30.3	32.6	32.6	32.6	32.6	30.3	27.9

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 CATALOG NUMBER: LXF.LXT-PA16-60-740-U-SL3-A

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	25.6	25.6	25.6	25.6	25.6	27.9	27.9	27.9	27.9	25.6	25.6
115°	20.9	23.3	23.3	23.3	23.3	23.3	25.6	23.3	23.3	23.3	23.3
117.5°	18.6	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
120°	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	20.9	20.9
122.5°	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	18.6	18.6	18.6
125°	16.3	16.3	16.3	16.3	14.0	14.0	16.3	16.3	16.3	16.3	16.3
127.5°	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	16.3
130°	14.0	14.0	14.0	14.0	11.6	11.6	11.6	14.0	14.0	14.0	14.0
132.5°	14.0	14.0	11.6	11.6	11.6	11.6	11.6	11.6	11.6	14.0	14.0
135°	11.6	11.6	11.6	11.6	9.3	9.3	11.6	11.6	11.6	11.6	11.6
137.5°	11.6	11.6	9.3	9.3	9.3	9.3	9.3	9.3	11.6	11.6	11.6
140°	9.3	9.3	9.3	7.0	7.0	7.0	9.3	9.3	9.3	9.3	9.3
142.5°	9.3	7.0	7.0	7.0	4.7	4.7	7.0	9.3	9.3	9.3	9.3
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	7.0	7.0	7.0	7.0
150°	4.7	4.7	4.7	2.3	2.3	2.3	4.7	7.0	7.0	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)