

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: P695879

Luminaire Tested: **LXF.LXT-PA16-730-U-SL3-TL**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695879
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-PA16-730-U-SL3-TL
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 3000K, 1340mA 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: 6222 lumens
Efficiency: N/A
Efficacy: 86.4 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

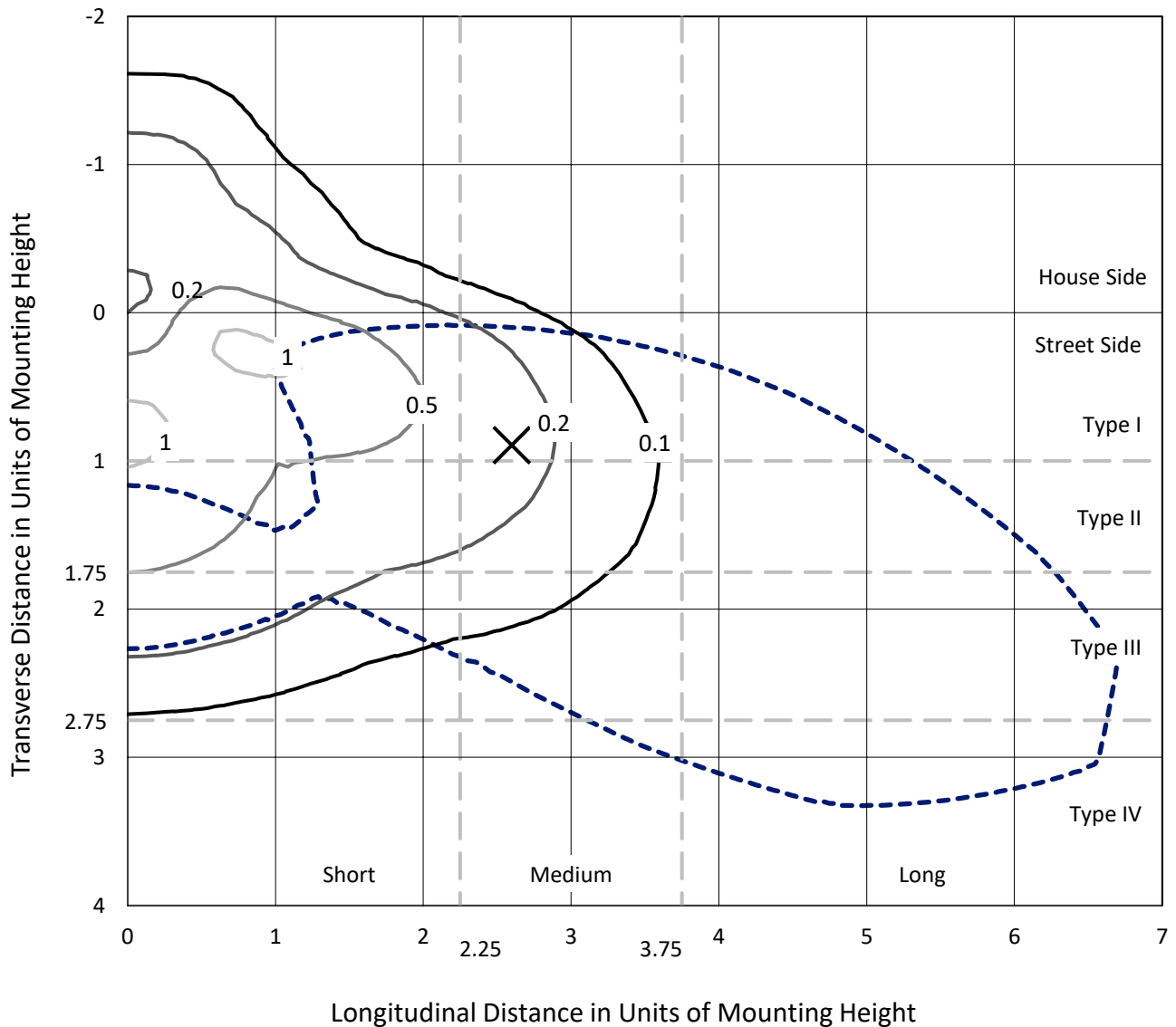
Input Watts (W): 72
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

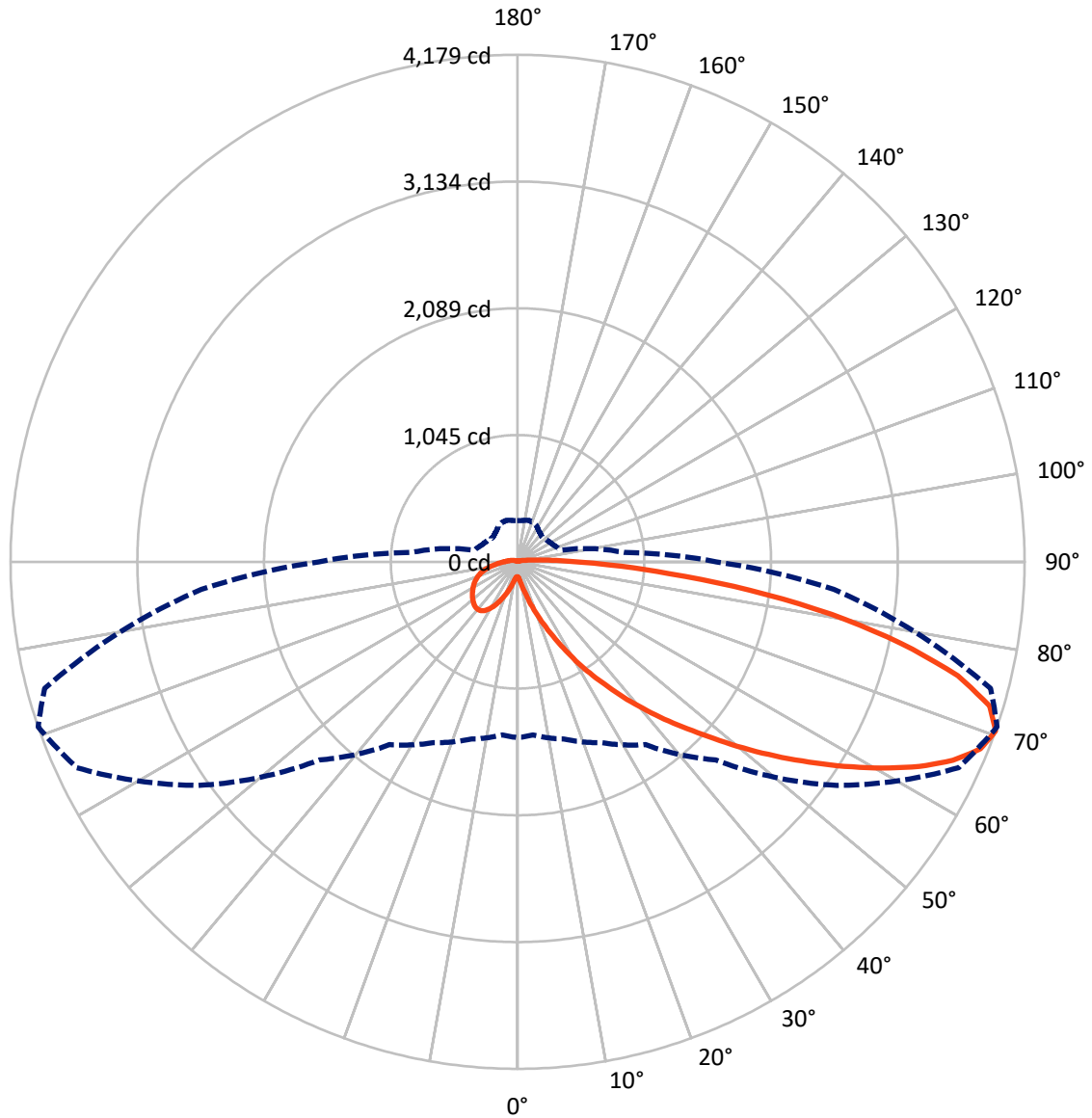
✕ Max cd
 - - - 1/2 Max cd



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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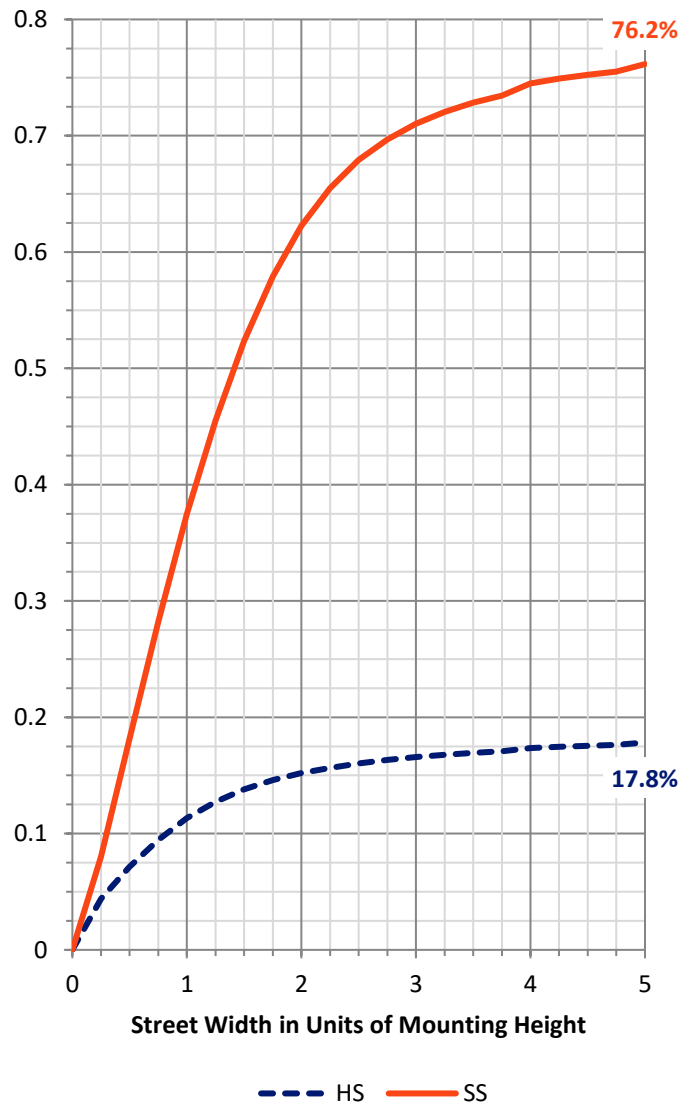
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1162.4	99.8	1262.2
	% Fixture	18.7	1.6	20.3
Street Side	Lumens	4851.1	108.7	4959.8
	% Fixture	78.0	1.7	79.7
Total	Lumens	6013.4	208.5	6222.0
	% Fixture	96.6	3.4	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.1	0.2
10°-20°	72.6	1.2
20°-30°	223.7	3.6
30°-40°	485.5	7.8
40°-50°	810.7	13.0
50°-60°	1201.0	19.3
60°-70°	1511.5	24.3
70°-80°	1214.4	19.5
80°-90°	479.9	7.7
90°-100°	115.7	1.9
100°-110°	45.5	0.7
110°-120°	22.7	0.4
120°-130°	12.9	0.2
130°-140°	7.7	0.1
140°-150°	3.9	0.1
150°-160°	0.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	6013.4	96.6
0°-180°	6222.0	100.0

Coefficient of Utilization

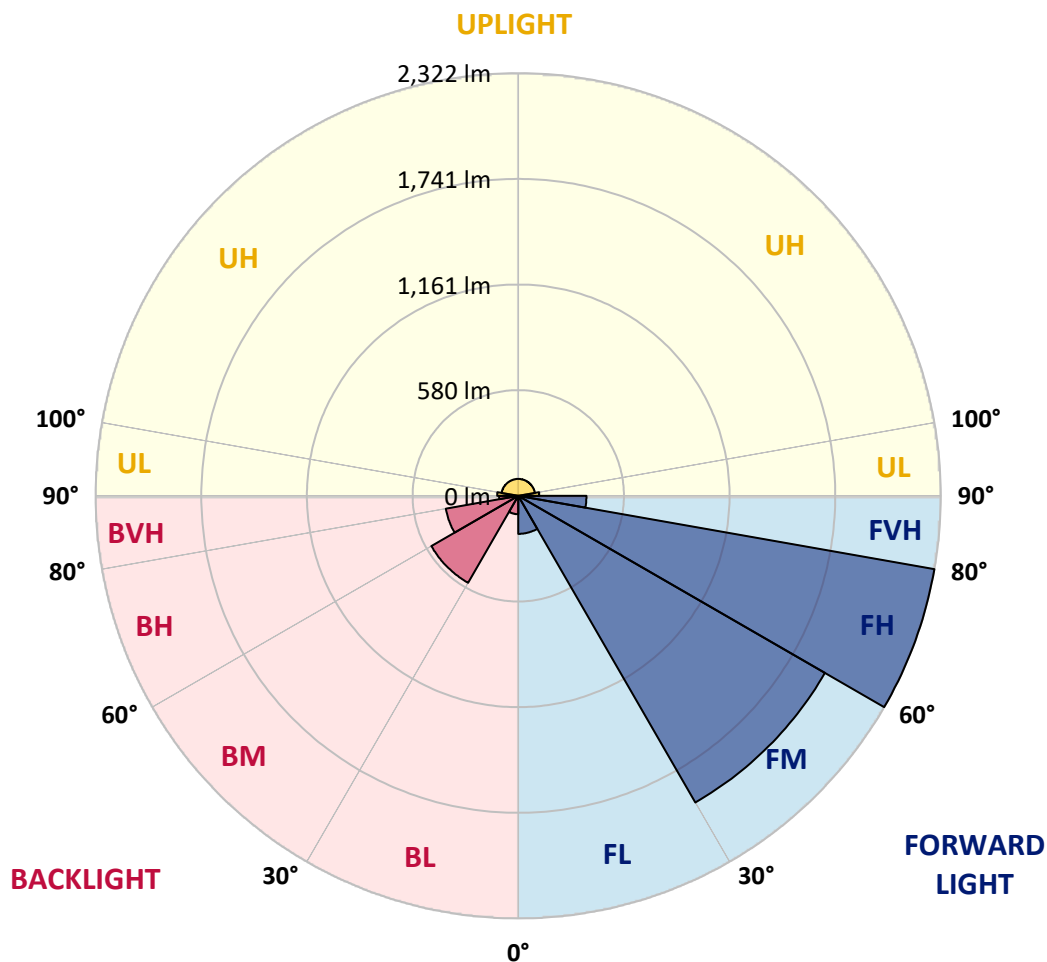


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	209.1	3.4			
FM (30°-60°)	1945.5	31.3			
FH (60°-80°)	2321.7	37.3			G2/5000
FVH (80°-90°)	374.7	6.0			G3/500
BL (0°-30°)	101.2	1.6	B0/110		
BM (30°-60°)	551.7	8.9	B1/1000		
BH (60°-80°)	404.1	6.5	B1/500		G1/500
BVH (80°-90°)	105.3	1.7			G2/225
UL (90°-100°)	115.7	1.9		U3/500	
UH (100°-180°)	92.8	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°	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1
2.5°	136.9	136.9	136.9	136.9	136.9	134.6	132.2	132.2	129.8	129.8	127.5
5°	162.9	162.9	160.5	160.5	158.2	155.8	153.5	148.7	146.4	144.0	139.3
7.5°	193.6	191.2	188.9	188.9	188.9	184.1	179.4	174.7	170.0	165.3	158.2
10°	231.4	229.0	229.0	226.6	224.3	221.9	217.2	210.1	203.0	200.7	188.9
12.5°	276.2	273.9	276.2	273.9	266.8	266.8	264.4	255.0	250.2	245.5	229.0
15°	332.9	332.9	332.9	325.8	323.4	318.7	321.1	314.0	309.3	304.5	283.3
17.5°	403.7	403.7	399.0	391.9	382.4	382.4	384.8	384.8	387.2	373.0	344.7
20°	484.0	491.0	476.9	462.7	450.9	453.3	458.0	472.2	472.2	458.0	424.9
22.5°	587.8	580.8	573.7	545.3	526.5	521.7	540.6	564.2	566.6	564.2	512.3
25°	696.4	694.1	670.5	639.8	606.7	602.0	632.7	670.5	679.9	675.2	613.8
27.5°	812.1	812.1	788.5	734.2	687.0	679.9	717.7	783.8	805.0	807.4	722.4
30°	963.2	949.0	916.0	842.8	781.4	760.2	814.5	908.9	946.7	949.0	840.4
32.5°	1093.0	1093.0	1045.8	963.2	873.5	838.1	904.2	1043.5	1093.0	1088.3	956.1
35°	1239.4	1227.6	1175.7	1074.2	963.2	918.3	998.6	1178.0	1241.8	1241.8	1067.1
37.5°	1374.0	1359.8	1312.6	1192.2	1055.3	996.3	1097.8	1312.6	1414.1	1414.1	1166.2
40°	1506.2	1503.8	1444.8	1307.9	1152.1	1071.8	1194.6	1466.0	1586.4	1577.0	1270.1
42.5°	1654.9	1645.5	1574.6	1428.3	1246.5	1154.4	1296.1	1626.6	1772.9	1758.8	1369.3
45°	1813.1	1791.8	1711.6	1553.4	1333.8	1239.4	1402.3	1784.8	1961.8	1966.5	1480.2
47.5°	1957.1	1952.4	1869.7	1683.2	1447.2	1329.1	1518.0	1983.1	2174.3	2162.5	1584.1
50°	2122.3	2112.9	2013.7	1810.7	1551.0	1433.0	1647.8	2179.0	2412.7	2400.9	1721.0
52.5°	2285.2	2266.4	2162.5	1945.3	1671.4	1546.3	1794.2	2393.8	2658.2	2632.3	1857.9
55°	2424.5	2417.4	2285.2	2079.9	1803.6	1666.7	1968.9	2629.9	2913.2	2901.4	2006.7
57.5°	2537.8	2523.7	2400.9	2197.9	1924.0	1829.6	2171.9	2866.0	3180.0	3151.6	2164.8
60°	2573.3	2559.1	2436.3	2278.2	2037.4	1997.2	2400.9	3130.4	3451.5	3413.7	2323.0
62.5°	2497.7	2483.5	2386.8	2285.2	2120.0	2157.8	2653.5	3411.3	3715.9	3678.1	2476.5
65°	2252.2	2245.1	2207.3	2188.4	2134.1	2282.9	2922.6	3659.2	3942.5	3878.8	2601.6
67.5°	1883.9	1893.3	1898.1	1968.9	2046.8	2353.7	3111.5	3885.8	4114.8	4025.1	2644.1
70°	1449.5	1433.0	1513.3	1645.5	1839.1	2308.8	3213.0	4011.0	4178.6	4034.6	2615.7
72.5°	1031.7	1034.0	1123.7	1298.4	1574.6	2162.5	3194.1	3966.1	4067.6	3900.0	2481.2
75°	713.0	708.2	776.7	949.0	1255.9	1888.6	2965.1	3756.0	3746.6	3578.9	2193.2
77.5°	479.2	493.4	543.0	672.8	953.8	1574.6	2611.0	3262.6	3229.6	3019.4	1848.5
80°	337.6	332.9	384.8	481.6	665.7	1222.9	2117.6	2665.3	2625.2	2372.6	1442.4
82.5°	226.6	238.4	271.5	332.9	476.9	901.8	1605.3	1973.6	1928.8	1723.4	1010.4
85°	148.7	153.5	184.1	233.7	330.5	620.9	1097.8	1331.5	1251.2	1123.7	661.0
87.5°	94.4	99.2	122.8	160.5	229.0	417.9	729.5	821.6	760.2	708.2	401.3
90°	56.7	61.4	80.3	111.0	158.2	280.9	441.5	476.9	424.9	387.2	243.2
92.5°	40.1	42.5	56.7	80.3	115.7	188.9	273.9	273.9	250.2	214.8	153.5
95°	28.3	30.7	42.5	61.4	87.3	129.8	172.3	162.9	144.0	134.6	103.9
97.5°	23.6	23.6	35.4	49.6	70.8	99.2	113.3	103.9	96.8	89.7	77.9
100°	18.9	21.2	30.7	42.5	59.0	75.5	82.6	75.5	68.5	66.1	59.0
102.5°	16.5	18.9	26.0	37.8	49.6	61.4	63.7	56.7	54.3	49.6	44.9
105°	14.2	16.5	21.2	33.1	42.5	51.9	51.9	47.2	42.5	40.1	35.4
107.5°	14.2	14.2	18.9	28.3	37.8	42.5	44.9	37.8	33.1	30.7	28.3
110°	11.8	11.8	16.5	23.6	33.1	37.8	37.8	30.7	26.0	23.6	21.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	71°	75°	85°
112.5°	11.8	11.8	16.5	21.2	28.3	33.1	30.7	26.0	21.2	18.9	18.9
115°	11.8	11.8	14.2	18.9	26.0	28.3	26.0	21.2	18.9	16.5	16.5
117.5°	9.4	11.8	14.2	18.9	23.6	26.0	23.6	18.9	16.5	14.2	14.2
120°	9.4	9.4	11.8	16.5	18.9	21.2	21.2	16.5	14.2	11.8	14.2
122.5°	9.4	9.4	11.8	14.2	18.9	18.9	18.9	14.2	11.8	11.8	11.8
125°	9.4	9.4	11.8	14.2	16.5	16.5	16.5	11.8	11.8	9.4	11.8
127.5°	9.4	9.4	9.4	11.8	14.2	16.5	14.2	11.8	9.4	9.4	11.8
130°	9.4	9.4	9.4	11.8	14.2	14.2	11.8	9.4	9.4	9.4	9.4
132.5°	9.4	9.4	9.4	11.8	11.8	11.8	11.8	9.4	9.4	9.4	9.4
135°	9.4	9.4	9.4	9.4	11.8	11.8	9.4	9.4	7.1	7.1	9.4
137.5°	9.4	9.4	9.4	9.4	9.4	9.4	9.4	7.1	7.1	7.1	9.4
140°	9.4	7.1	7.1	9.4	9.4	9.4	7.1	7.1	7.1	7.1	7.1
142.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	4.7	7.1	7.1	7.1
145°	7.1	7.1	7.1	7.1	7.1	7.1	4.7	4.7	4.7	4.7	7.1
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	2.4	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°	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1
2.5°	125.1	125.1	122.8	120.4	118.0	115.7	115.7	115.7	115.7	113.3	113.3
5°	134.6	132.2	127.5	122.8	118.0	113.3	111.0	108.6	106.2	106.2	103.9
7.5°	153.5	148.7	139.3	129.8	122.8	115.7	111.0	106.2	103.9	101.5	101.5
10°	181.8	174.7	158.2	144.0	132.2	120.4	113.3	108.6	106.2	103.9	103.9
12.5°	217.2	207.7	184.1	162.9	144.0	129.8	122.8	115.7	113.3	111.0	111.0
15°	269.1	250.2	219.6	188.9	162.9	144.0	134.6	132.2	129.8	129.8	129.8
17.5°	325.8	304.5	257.3	214.8	181.8	162.9	153.5	151.1	153.5	153.5	153.5
20°	394.3	363.6	299.8	245.5	205.4	186.5	179.4	177.1	181.8	184.1	186.5
22.5°	474.5	427.3	342.3	276.2	233.7	212.5	203.0	205.4	212.5	219.6	219.6
25°	564.2	505.2	389.5	306.9	262.0	238.4	231.4	240.8	250.2	259.7	262.0
27.5°	651.6	576.0	436.7	340.0	290.4	262.0	262.0	271.5	295.1	304.5	309.3
30°	743.6	642.1	474.5	373.0	318.7	288.0	290.4	311.6	337.6	351.8	356.5
32.5°	826.3	703.5	505.2	401.3	342.3	314.0	316.3	344.7	380.1	399.0	401.3
35°	908.9	748.4	531.2	427.3	363.6	332.9	342.3	380.1	417.9	439.1	441.5
37.5°	970.3	783.8	543.0	443.8	382.4	347.0	361.2	408.4	450.9	469.8	472.2
40°	1026.9	805.0	547.7	455.6	394.3	361.2	377.7	432.0	474.5	493.4	493.4
42.5°	1069.4	812.1	545.3	460.4	403.7	368.3	389.5	448.5	491.0	505.2	507.6
45°	1114.3	819.2	535.9	460.4	406.1	373.0	394.3	455.6	498.1	507.6	507.6
47.5°	1161.5	823.9	524.1	455.6	403.7	373.0	399.0	460.4	498.1	502.8	502.8
50°	1227.6	835.7	509.9	446.2	399.0	370.6	399.0	460.4	493.4	488.7	488.7
52.5°	1289.0	852.2	495.8	436.7	391.9	365.9	396.6	458.0	484.0	472.2	472.2
55°	1364.5	864.0	479.2	422.6	382.4	358.8	389.5	448.5	469.8	455.6	453.3
57.5°	1449.5	887.7	465.1	406.1	370.6	351.8	382.4	439.1	455.6	434.4	432.0
60°	1536.9	906.5	448.5	391.9	358.8	340.0	370.6	424.9	436.7	415.5	413.1
62.5°	1603.0	923.1	432.0	377.7	347.0	328.1	358.8	408.4	417.9	396.6	394.3
65°	1659.6	930.1	413.1	361.2	332.9	316.3	344.7	389.5	396.6	377.7	375.4
67.5°	1673.8	916.0	389.5	342.3	316.3	302.2	325.8	368.3	377.7	361.2	356.5
70°	1638.4	878.2	368.3	325.8	302.2	285.7	306.9	344.7	354.1	340.0	340.0
72.5°	1532.1	814.5	342.3	304.5	283.3	266.8	285.7	318.7	330.5	323.4	318.7
75°	1366.9	717.7	311.6	283.3	262.0	247.9	262.0	292.7	304.5	302.2	302.2
77.5°	1130.8	611.4	278.6	255.0	240.8	226.6	240.8	264.4	278.6	280.9	278.6
80°	871.1	484.0	240.8	226.6	217.2	205.4	217.2	238.4	250.2	255.0	252.6
82.5°	628.0	368.3	203.0	198.3	191.2	186.5	191.2	207.7	224.3	226.6	226.6
85°	434.4	266.8	170.0	170.0	165.3	162.9	167.6	179.4	191.2	195.9	195.9
87.5°	280.9	191.2	136.9	141.6	144.0	141.6	144.0	148.7	160.5	165.3	162.9
90°	184.1	136.9	113.3	118.0	122.8	122.8	120.4	122.8	134.6	136.9	136.9
92.5°	122.8	103.9	96.8	99.2	103.9	106.2	103.9	103.9	111.0	113.3	111.0
95°	92.1	85.0	82.6	85.0	89.7	89.7	89.7	87.3	92.1	94.4	92.1
97.5°	70.8	68.5	70.8	73.2	77.9	77.9	77.9	75.5	77.9	77.9	75.5
100°	56.7	56.7	61.4	63.7	66.1	66.1	66.1	66.1	66.1	61.4	61.4
102.5°	44.9	47.2	51.9	56.7	56.7	59.0	56.7	56.7	54.3	51.9	49.6
105°	37.8	37.8	44.9	47.2	49.6	49.6	49.6	47.2	44.9	40.1	40.1
107.5°	28.3	30.7	37.8	40.1	42.5	42.5	42.5	40.1	37.8	33.1	33.1
110°	23.6	26.0	30.7	35.4	37.8	37.8	37.8	35.4	30.7	26.0	26.0

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 CATALOG NUMBER: LXF.LXT-PA16-730-U-SL3-TL

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	21.2	21.2	26.0	30.7	30.7	33.1	33.1	30.7	26.0	21.2	23.6
115°	16.5	18.9	23.6	26.0	28.3	28.3	28.3	26.0	21.2	18.9	18.9
117.5°	16.5	16.5	21.2	23.6	23.6	26.0	23.6	21.2	18.9	16.5	16.5
120°	14.2	16.5	18.9	21.2	21.2	21.2	21.2	18.9	16.5	16.5	16.5
122.5°	14.2	14.2	16.5	18.9	18.9	18.9	18.9	16.5	14.2	14.2	14.2
125°	11.8	14.2	14.2	16.5	16.5	16.5	16.5	14.2	14.2	14.2	14.2
127.5°	11.8	11.8	14.2	14.2	14.2	14.2	14.2	14.2	11.8	11.8	11.8
130°	11.8	11.8	11.8	14.2	14.2	14.2	14.2	11.8	11.8	11.8	11.8
132.5°	9.4	9.4	11.8	11.8	11.8	11.8	11.8	11.8	9.4	11.8	11.8
135°	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
137.5°	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
140°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	9.4	9.4
142.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
145°	7.1	7.1	7.1	4.7	4.7	4.7	7.1	7.1	7.1	7.1	7.1
147.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	7.1	7.1	7.1
150°	4.7	4.7	4.7	4.7	2.4	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)