

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: P695606

Luminaire Tested: **LXF.LXT-PA16-60-730-U-SL3-A**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695606
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-PA16-60-730-U-SL3-A
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 3000K, 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: 5624 lumens
Efficiency: N/A
Efficacy: 90.7 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

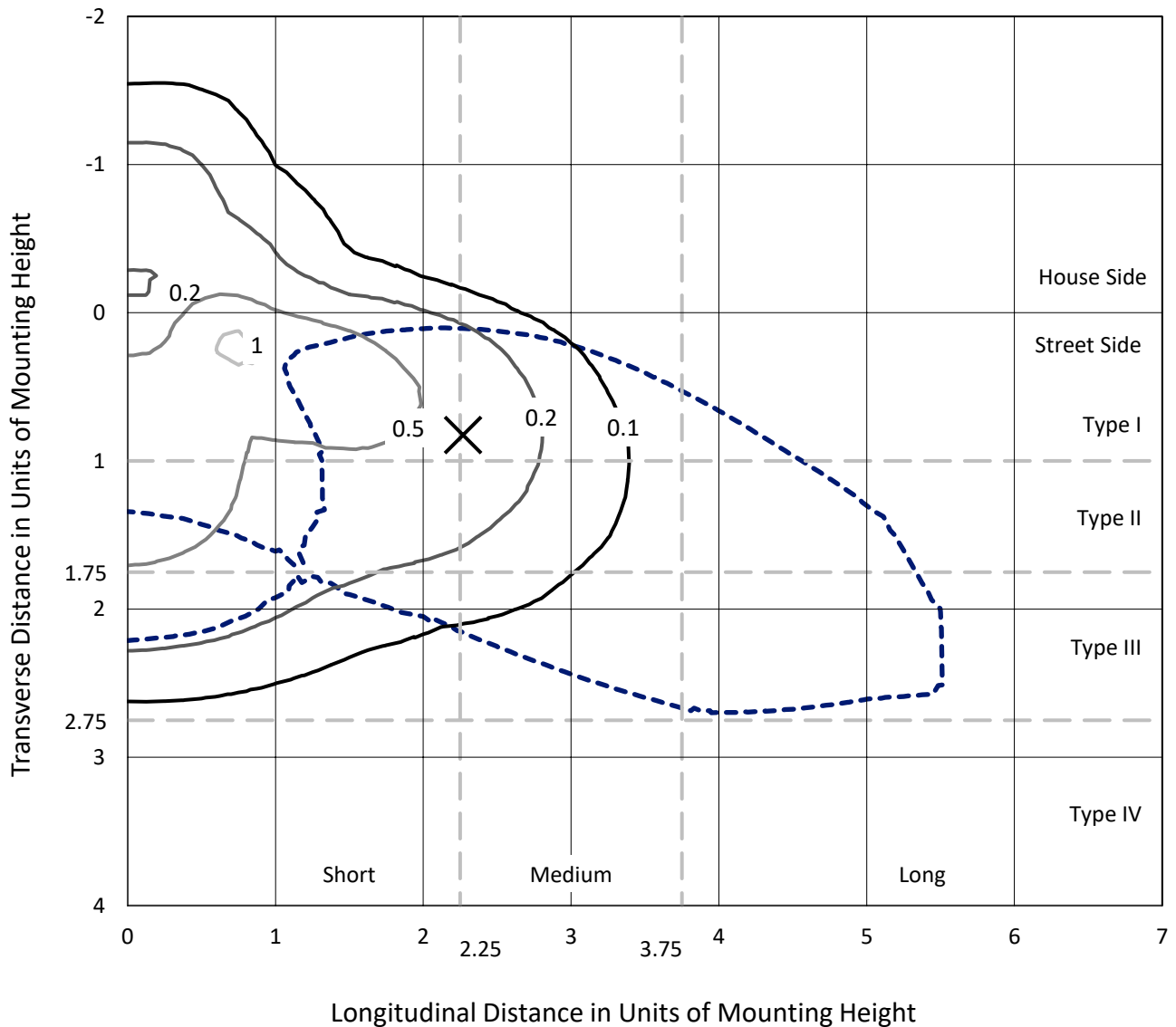
Input Watts (W): 62
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

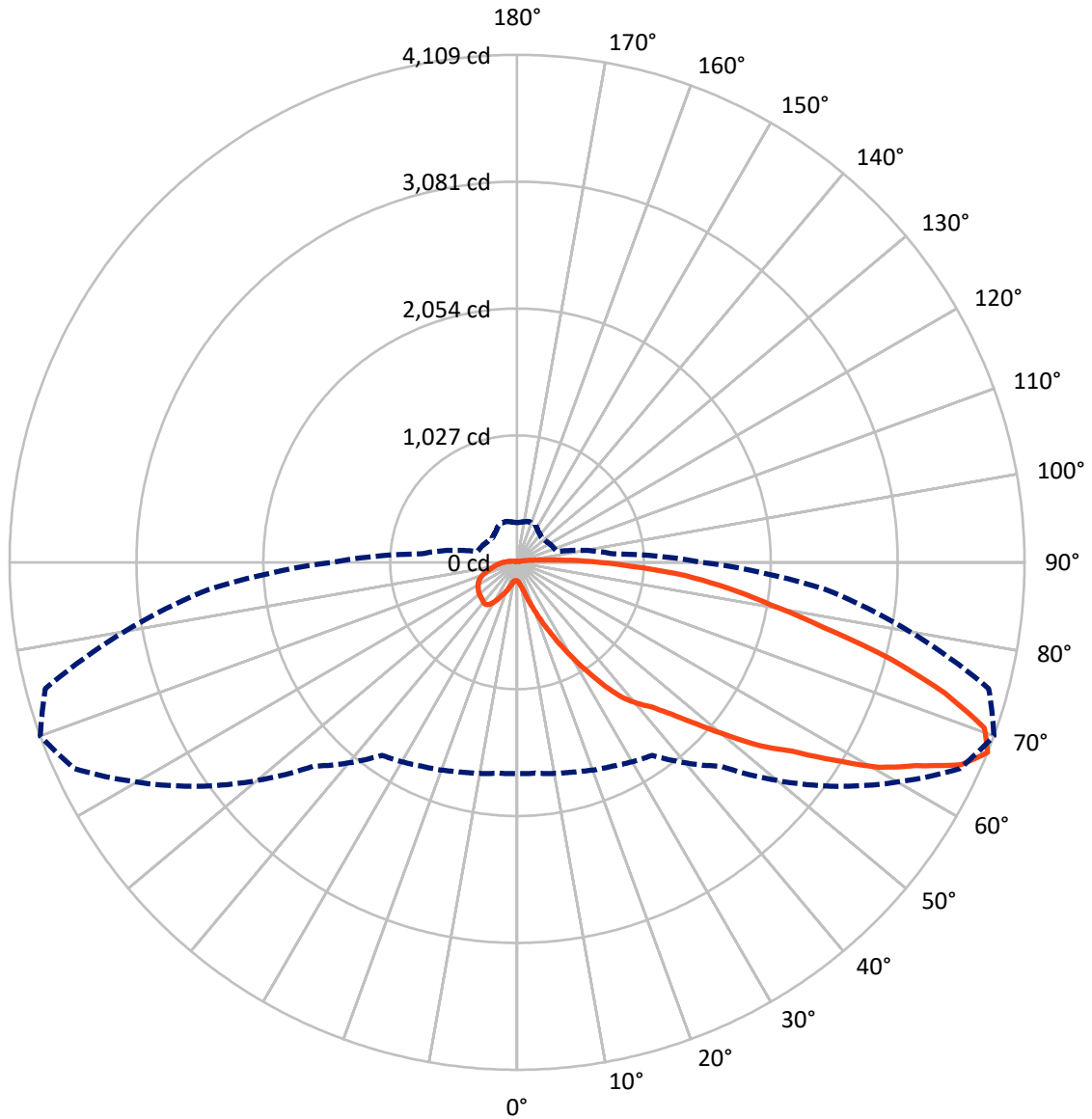
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.1 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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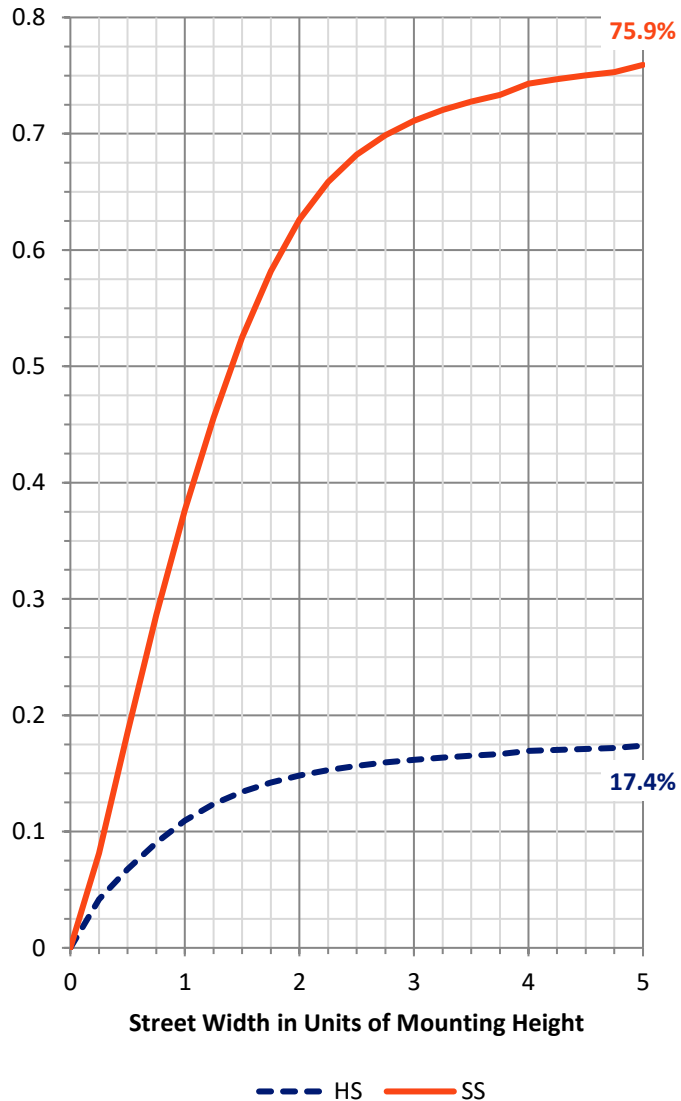
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1027.3	91.8	1119.1
	% Fixture	18.3	1.6	19.9
Street Side	Lumens	4387.7	117.2	4504.9
	% Fixture	78.0	2.1	80.1
Total	Lumens	5415.0	209.0	5624.0
	% Fixture	96.3	3.7	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.6	0.3
10°-20°	68.6	1.2
20°-30°	202.8	3.6
30°-40°	443.3	7.9
40°-50°	697.8	12.4
50°-60°	1079.0	19.2
60°-70°	1442.0	25.6
70°-80°	1020.4	18.1
80°-90°	445.6	7.9
90°-100°	125.4	2.2
100°-110°	40.2	0.7
110°-120°	19.6	0.3
120°-130°	12.1	0.2
130°-140°	7.8	0.1
140°-150°	3.7	0.1
150°-160°	0.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5415.0	96.3
0°-180°	5624.0	100.0

Coefficient of Utilization

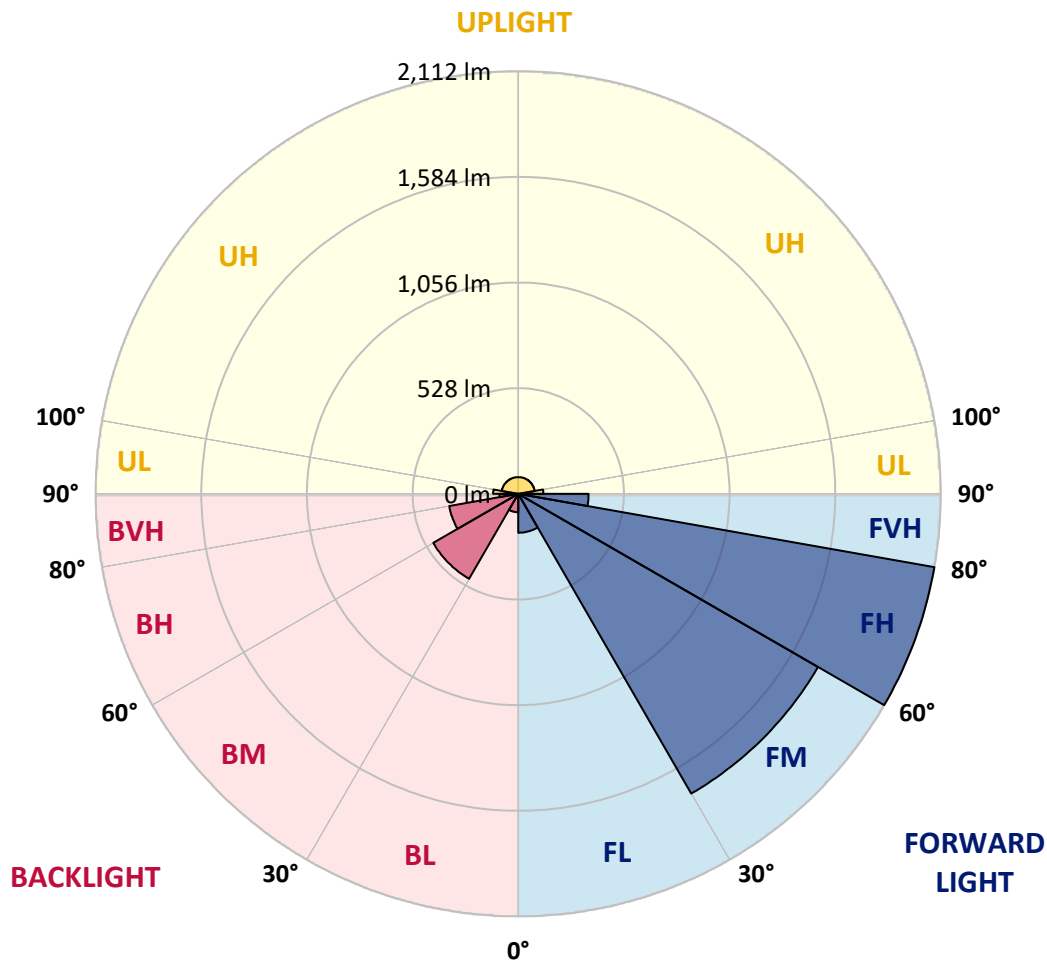


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	194.7	3.5			
FM (30°-60°)	1729.5	30.8			
FH (60°-80°)	2112.0	37.6			G2/5000
FVH (80°-90°)	351.5	6.2			G3/500
BL (0°-30°)	92.3	1.6	B0/110		
BM (30°-60°)	490.5	8.7	B1/1000		
BH (60°-80°)	350.4	6.2	B1/500		G1/500
BVH (80°-90°)	94.1	1.7			G1/100
UL (90°-100°)	125.4	2.2		U3/500	
UH (100°-180°)	83.6	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°	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0
2.5°	161.5	161.5	163.7	161.5	161.5	161.5	159.4	157.3	155.2	155.2	153.0
5°	178.5	178.5	178.5	178.5	176.4	174.3	172.2	167.9	165.8	163.7	159.4
7.5°	199.8	199.8	199.8	199.8	197.7	195.5	189.2	182.8	180.7	178.5	170.0
10°	231.7	231.7	231.7	227.4	225.3	221.1	214.7	208.3	204.0	199.8	187.0
12.5°	274.2	272.1	272.1	267.8	259.3	250.8	248.7	242.3	238.1	233.8	218.9
15°	327.3	327.3	327.3	316.7	308.2	299.7	297.6	291.2	291.2	284.8	265.7
17.5°	386.8	386.8	378.3	367.7	361.3	357.1	359.2	357.1	355.0	346.5	321.0
20°	452.7	450.6	440.0	425.1	416.6	420.9	427.2	433.6	431.5	420.9	384.7
22.5°	537.8	533.5	514.4	493.1	474.0	480.4	501.6	522.9	529.3	512.3	467.6
25°	629.2	629.2	601.5	569.6	546.3	544.1	573.9	633.4	637.7	635.5	571.8
27.5°	750.3	743.9	705.7	658.9	614.3	616.4	663.2	741.8	767.3	765.2	680.2
30°	882.1	880.0	835.3	767.3	690.8	680.2	756.7	875.7	907.6	920.4	805.6
32.5°	984.1	994.7	939.5	873.6	773.7	746.1	841.7	1001.1	1064.9	1069.1	922.5
35°	1098.9	1098.9	1045.8	962.9	846.0	809.8	928.9	1137.2	1234.9	1243.4	1041.5
37.5°	1145.7	1160.5	1120.1	1041.5	914.0	865.1	1018.1	1290.2	1390.1	1419.8	1128.7
40°	1207.3	1220.0	1175.4	1090.4	969.2	922.5	1094.6	1405.0	1502.7	1517.6	1156.3
42.5°	1326.3	1337.0	1271.1	1152.0	1016.0	971.4	1149.9	1481.5	1600.5	1623.9	1203.0
45°	1447.5	1458.1	1398.6	1258.3	1075.5	1018.1	1203.0	1606.9	1751.4	1772.7	1273.2
47.5°	1611.1	1615.4	1536.8	1377.3	1164.8	1073.4	1283.8	1774.8	1955.5	1981.0	1368.8
50°	1789.7	1796.1	1694.0	1515.5	1266.8	1166.9	1398.6	1966.1	2197.8	2238.2	1507.0
52.5°	1968.2	1949.1	1857.7	1672.8	1402.8	1279.6	1532.5	2210.5	2467.7	2491.1	1634.5
55°	2170.2	2140.4	2025.6	1813.1	1553.8	1424.1	1740.8	2446.5	2697.3	2714.3	1774.8
57.5°	2380.6	2353.0	2206.3	1968.2	1706.8	1630.3	1970.4	2705.8	3018.2	3062.9	1989.5
60°	2416.7	2401.8	2295.6	2112.8	1876.8	1853.5	2250.9	3048.0	3371.1	3373.2	2170.2
62.5°	2372.1	2365.7	2267.9	2142.5	2006.5	2085.1	2625.0	3373.2	3626.1	3602.8	2331.7
65°	2157.4	2134.0	2134.0	2072.4	2040.5	2295.6	2954.5	3681.4	3951.3	3879.1	2484.7
67.5°	1711.0	1713.2	1757.8	1821.6	1906.6	2333.8	3162.8	3953.5	4108.6	3953.5	2501.7
70°	1205.2	1237.1	1332.7	1475.1	1643.0	2161.7	3173.4	3921.6	4013.0	3859.9	2391.2
72.5°	882.1	856.6	931.0	1060.6	1313.6	1859.8	2901.3	3617.6	3621.9	3396.6	2070.3
75°	597.3	599.4	652.5	765.2	954.4	1513.4	2520.9	3133.0	3120.3	2860.9	1725.9
77.5°	397.5	401.7	450.6	539.9	718.4	1213.7	2108.5	2591.0	2533.6	2357.2	1383.7
80°	272.1	282.7	310.3	374.1	522.9	960.7	1730.2	2125.5	2078.8	1908.7	1115.9
82.5°	195.5	197.7	225.3	274.2	374.1	735.4	1409.2	1783.3	1719.5	1536.8	890.6
85°	148.8	148.8	167.9	201.9	269.9	561.1	1124.4	1419.8	1362.5	1188.2	665.3
87.5°	108.4	110.5	123.3	153.0	199.8	425.1	863.0	1020.2	928.9	820.5	457.0
90°	70.1	74.4	82.9	110.5	148.8	301.8	601.5	667.4	605.8	508.0	295.4
92.5°	44.6	44.6	53.1	74.4	108.4	206.2	378.3	395.3	342.2	310.3	180.7
95°	29.8	31.9	38.3	51.0	76.5	140.3	227.4	229.6	201.9	170.0	114.8
97.5°	25.5	25.5	29.8	38.3	57.4	95.6	133.9	129.7	116.9	104.2	80.8
100°	21.3	21.3	25.5	31.9	46.8	70.1	85.0	82.9	76.5	74.4	63.8
102.5°	19.1	19.1	21.3	27.6	38.3	55.3	61.6	57.4	55.3	55.3	48.9
105°	17.0	17.0	19.1	23.4	31.9	44.6	46.8	42.5	42.5	40.4	38.3
107.5°	14.9	14.9	17.0	19.1	27.6	36.1	36.1	31.9	31.9	31.9	31.9
110°	14.9	14.9	14.9	17.0	23.4	29.8	29.8	25.5	25.5	23.4	25.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	85°
112.5°	12.8	12.8	12.8	17.0	21.3	25.5	23.4	21.3	19.1	19.1	21.3
115°	12.8	10.6	12.8	14.9	19.1	21.3	21.3	17.0	17.0	17.0	19.1
117.5°	10.6	10.6	10.6	12.8	17.0	19.1	17.0	14.9	14.9	14.9	17.0
120°	10.6	10.6	10.6	12.8	17.0	17.0	14.9	12.8	12.8	12.8	14.9
122.5°	10.6	10.6	10.6	12.8	14.9	14.9	14.9	12.8	12.8	12.8	14.9
125°	10.6	10.6	10.6	12.8	14.9	14.9	12.8	10.6	10.6	10.6	14.9
127.5°	10.6	10.6	10.6	12.8	12.8	12.8	10.6	10.6	10.6	10.6	12.8
130°	10.6	10.6	10.6	12.8	12.8	10.6	10.6	10.6	10.6	10.6	12.8
132.5°	10.6	10.6	10.6	12.8	12.8	10.6	10.6	8.5	10.6	10.6	12.8
135°	10.6	10.6	10.6	10.6	10.6	8.5	8.5	8.5	8.5	10.6	10.6
137.5°	10.6	10.6	10.6	10.6	10.6	8.5	6.4	8.5	8.5	8.5	10.6
140°	8.5	8.5	8.5	8.5	8.5	6.4	6.4	6.4	6.4	8.5	8.5
142.5°	8.5	8.5	8.5	8.5	6.4	6.4	4.3	6.4	6.4	6.4	8.5
145°	6.4	6.4	6.4	6.4	6.4	4.3	4.3	4.3	4.3	6.4	6.4
147.5°	6.4	6.4	6.4	6.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3
150°	4.3	4.3	4.3	4.3	4.3	4.3	2.1	2.1	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°	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0
2.5°	153.0	150.9	150.9	148.8	146.7	146.7	146.7	146.7	144.5	144.5	144.5
5°	157.3	155.2	150.9	146.7	142.4	138.2	138.2	136.0	136.0	133.9	131.8
7.5°	165.8	161.5	153.0	146.7	140.3	133.9	131.8	129.7	127.5	125.4	125.4
10°	182.8	174.3	161.5	148.8	138.2	129.7	125.4	123.3	121.2	119.0	119.0
12.5°	208.3	199.8	178.5	157.3	140.3	129.7	123.3	121.2	119.0	119.0	119.0
15°	250.8	235.9	204.0	174.3	146.7	131.8	125.4	127.5	131.8	131.8	131.8
17.5°	299.7	280.6	233.8	193.4	159.4	142.4	138.2	142.4	146.7	148.8	148.8
20°	357.1	327.3	265.7	212.6	174.3	161.5	157.3	161.5	167.9	172.2	172.2
22.5°	429.4	382.6	299.7	231.7	193.4	180.7	178.5	182.8	191.3	199.8	197.7
25°	512.3	450.6	338.0	252.9	218.9	201.9	204.0	212.6	227.4	235.9	240.2
27.5°	603.6	520.8	376.2	282.7	242.3	225.3	229.6	244.4	267.8	282.7	282.7
30°	701.4	588.8	414.5	312.5	267.8	248.7	257.2	284.8	310.3	329.5	329.5
32.5°	797.1	654.7	444.2	346.5	295.4	272.1	284.8	321.0	355.0	376.2	378.3
35°	871.5	695.0	459.1	372.0	318.8	291.2	308.2	359.2	403.8	427.2	429.4
37.5°	914.0	707.8	461.2	391.1	338.0	308.2	331.6	391.1	440.0	463.4	463.4
40°	907.6	682.3	446.4	401.7	350.7	323.1	352.8	420.9	469.7	486.7	482.5
42.5°	920.4	671.7	435.7	397.5	355.0	331.6	365.6	435.7	476.1	482.5	478.2
45°	935.2	656.8	425.1	393.2	352.8	335.8	372.0	435.7	469.7	467.6	463.4
47.5°	975.6	654.7	418.7	391.1	350.7	333.7	372.0	433.6	459.1	448.5	444.2
50°	1030.9	663.2	414.5	386.8	348.6	329.5	367.7	429.4	452.7	442.1	437.9
52.5°	1081.9	667.4	406.0	382.6	346.5	327.3	365.6	429.4	448.5	427.2	420.9
55°	1147.8	688.7	395.3	374.1	342.2	323.1	363.5	425.1	429.4	403.8	399.6
57.5°	1268.9	729.1	386.8	363.5	335.8	321.0	359.2	410.2	416.6	393.2	386.8
60°	1358.2	758.8	378.3	355.0	325.2	314.6	348.6	401.7	403.8	372.0	365.6
62.5°	1436.9	780.1	363.5	344.3	318.8	308.2	338.0	382.6	376.2	348.6	346.5
65°	1513.4	797.1	352.8	329.5	306.1	295.4	325.2	357.1	359.2	335.8	331.6
67.5°	1498.5	780.1	331.6	312.5	291.2	280.6	301.8	340.1	342.2	325.2	321.0
70°	1409.2	722.7	306.1	293.3	269.9	259.3	278.4	316.7	323.1	310.3	308.2
72.5°	1220.0	624.9	272.1	265.7	246.6	235.9	255.1	286.9	297.6	286.9	282.7
75°	1026.6	527.1	242.3	235.9	223.2	212.6	227.4	257.2	269.9	267.8	267.8
77.5°	822.6	423.0	214.7	210.4	199.8	191.3	204.0	229.6	246.6	248.7	244.4
80°	661.0	344.3	189.2	187.0	180.7	174.3	180.7	201.9	221.1	225.3	223.2
82.5°	531.4	286.9	167.9	167.9	161.5	157.3	161.5	180.7	204.0	212.6	210.4
85°	408.1	235.9	150.9	148.8	144.5	142.4	146.7	159.4	184.9	195.5	195.5
87.5°	297.6	187.0	133.9	129.7	127.5	127.5	129.7	142.4	165.8	174.3	172.2
90°	206.2	144.5	114.8	110.5	108.4	110.5	114.8	125.4	142.4	144.5	144.5
92.5°	140.3	110.5	95.6	91.4	91.4	95.6	99.9	108.4	119.0	116.9	114.8
95°	97.8	82.9	76.5	74.4	74.4	78.6	82.9	91.4	97.8	93.5	91.4
97.5°	72.3	65.9	63.8	61.6	59.5	65.9	68.0	72.3	78.6	76.5	74.4
100°	57.4	55.3	53.1	51.0	48.9	53.1	55.3	59.5	63.8	59.5	59.5
102.5°	46.8	46.8	44.6	42.5	42.5	44.6	46.8	48.9	51.0	48.9	46.8
105°	38.3	38.3	38.3	36.1	36.1	38.3	40.4	40.4	42.5	38.3	38.3
107.5°	31.9	31.9	34.0	31.9	31.9	34.0	34.0	34.0	34.0	31.9	31.9
110°	27.6	27.6	27.6	27.6	27.6	29.8	29.8	29.8	29.8	27.6	25.5

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 CATALOG NUMBER: LXF.LXT-PA16-60-730-U-SL3-A

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	23.4	23.4	23.4	23.4	23.4	25.5	25.5	25.5	25.5	23.4	23.4
115°	19.1	21.3	21.3	21.3	21.3	21.3	23.4	21.3	21.3	21.3	21.3
117.5°	17.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
120°	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	19.1	19.1
122.5°	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	17.0	17.0	17.0
125°	14.9	14.9	14.9	14.9	12.8	12.8	14.9	14.9	14.9	14.9	14.9
127.5°	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	14.9
130°	12.8	12.8	12.8	12.8	10.6	10.6	10.6	12.8	12.8	12.8	12.8
132.5°	12.8	12.8	10.6	10.6	10.6	10.6	10.6	10.6	10.6	12.8	12.8
135°	10.6	10.6	10.6	10.6	8.5	8.5	10.6	10.6	10.6	10.6	10.6
137.5°	10.6	10.6	8.5	8.5	8.5	8.5	8.5	8.5	10.6	10.6	10.6
140°	8.5	8.5	8.5	6.4	6.4	6.4	8.5	8.5	8.5	8.5	8.5
142.5°	8.5	6.4	6.4	6.4	4.3	4.3	6.4	8.5	8.5	8.5	8.5
145°	6.4	6.4	6.4	4.3	4.3	4.3	6.4	6.4	6.4	6.4	6.4
147.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	6.4	6.4	6.4	6.4
150°	4.3	4.3	4.3	2.1	2.1	2.1	4.3	6.4	6.4	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

(END OF REPORT)