

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: P695609

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

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695609
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-PA16-60-730-U-SL3-TL
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 3000K, 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: 5603 lumens
Efficiency: N/A
Efficacy: 90.4 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

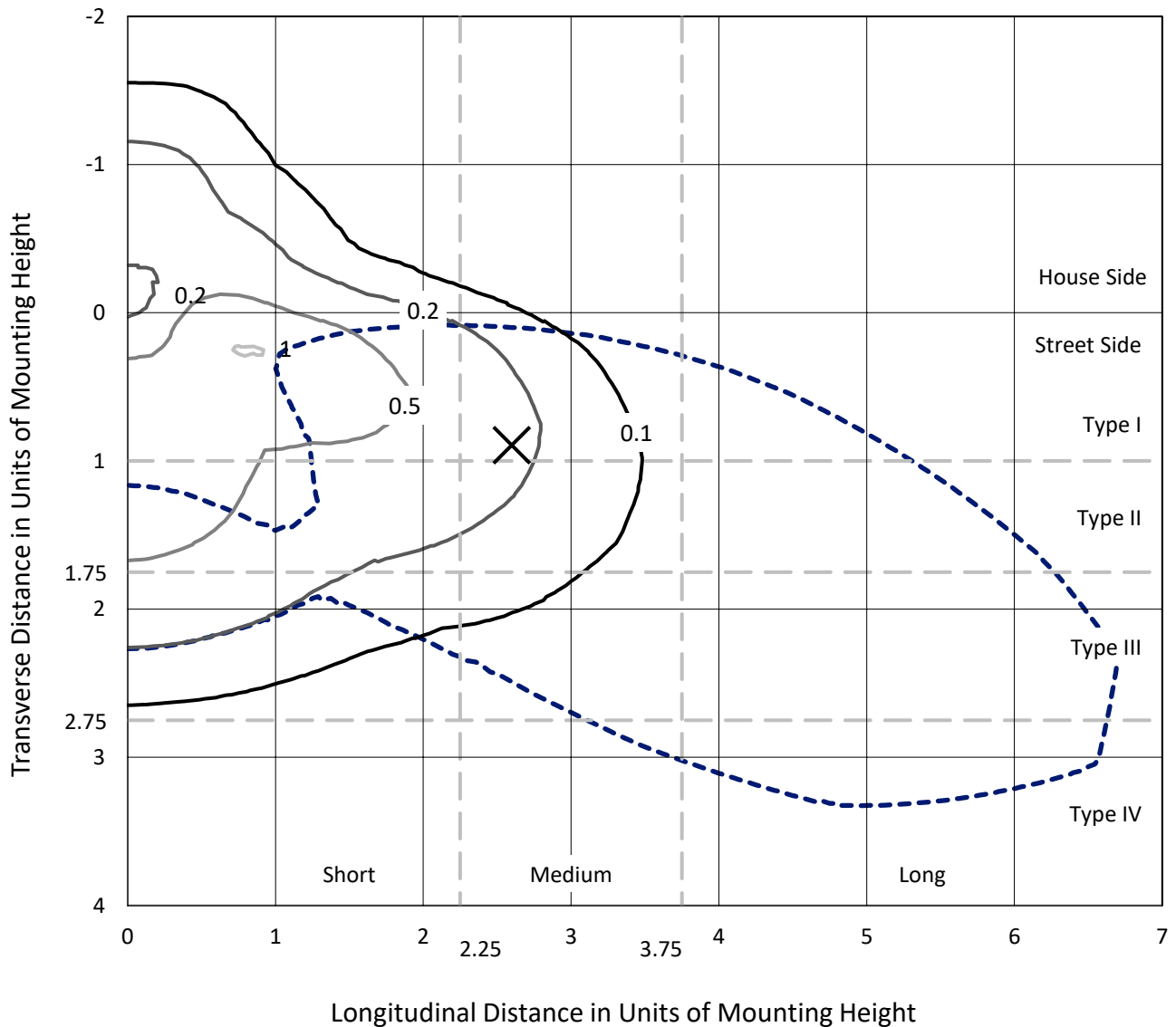
Input Watts (W): 62
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

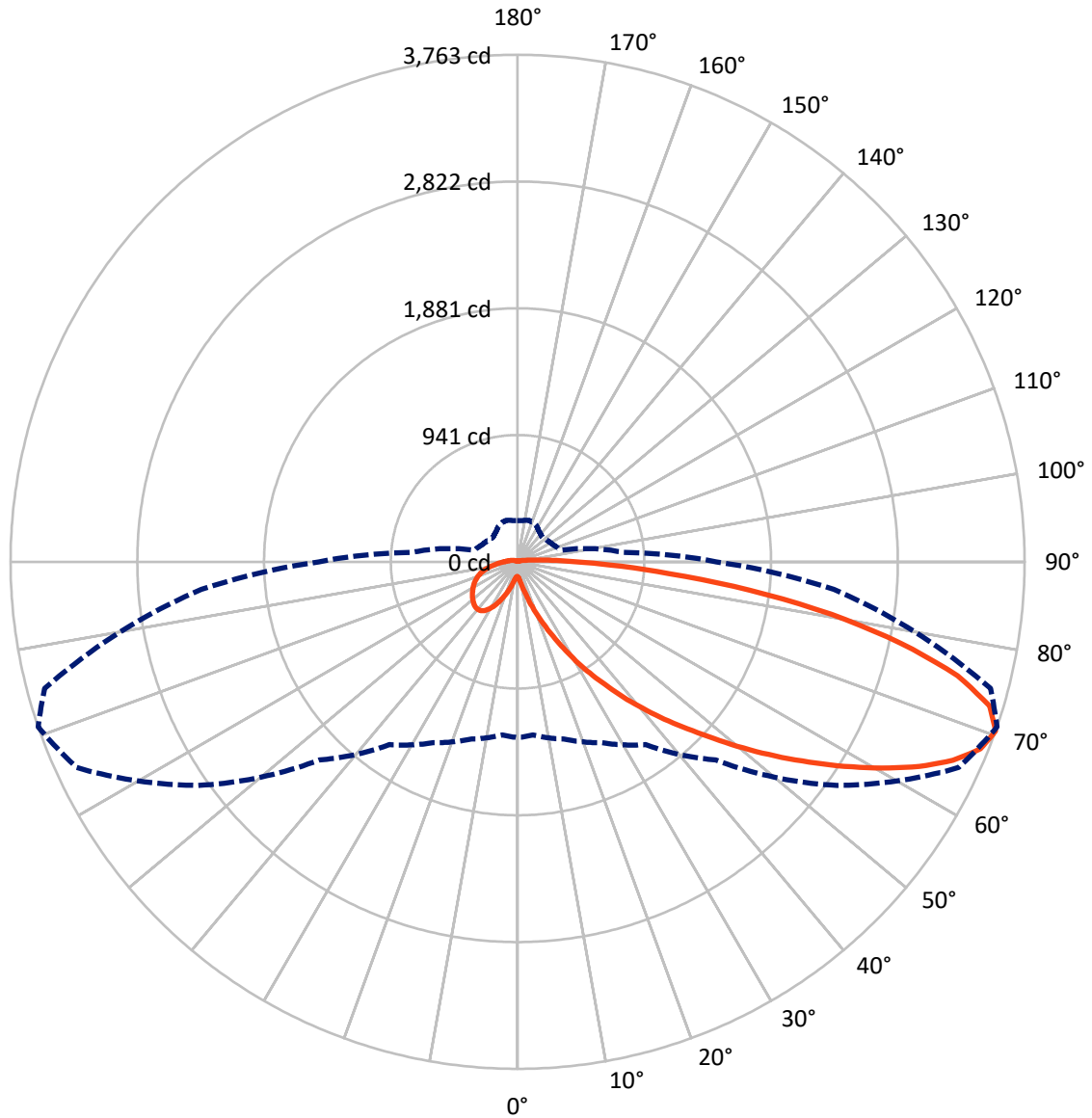
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1 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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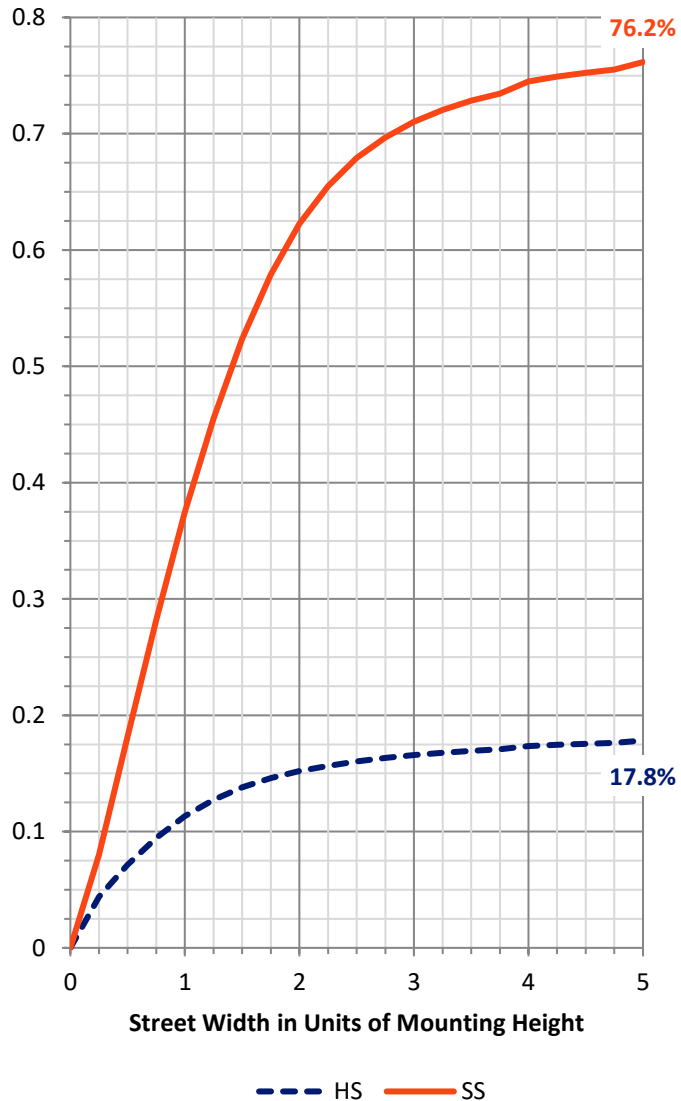
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1046.8	89.9	1136.7
	% Fixture	18.7	1.6	20.3
Street Side	Lumens	4368.5	97.9	4466.4
	% Fixture	78.0	1.7	79.7
Total	Lumens	5415.2	187.8	5603.0
	% Fixture	96.6	3.4	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.7	0.2
10°-20°	65.4	1.2
20°-30°	201.4	3.6
30°-40°	437.2	7.8
40°-50°	730.1	13.0
50°-60°	1081.5	19.3
60°-70°	1361.1	24.3
70°-80°	1093.6	19.5
80°-90°	432.2	7.7
90°-100°	104.2	1.9
100°-110°	40.9	0.7
110°-120°	20.4	0.4
120°-130°	11.6	0.2
130°-140°	6.9	0.1
140°-150°	3.5	0.1
150°-160°	0.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5415.2	96.6
0°-180°	5603.0	100.0

Coefficient of Utilization

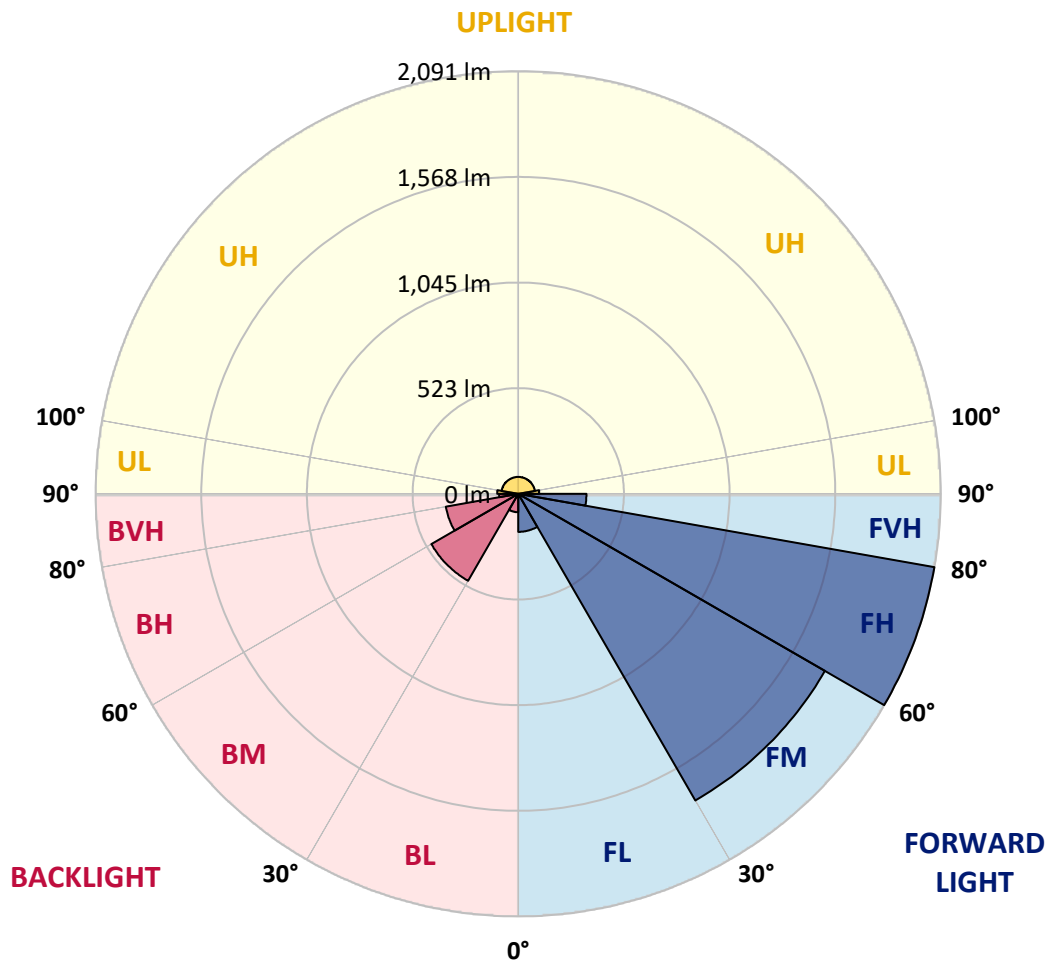


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	188.3	3.4			
FM (30°-60°)	1752.0	31.3			
FH (60°-80°)	2090.8	37.3			G2/5000
FVH (80°-90°)	337.4	6.0			G3/500
BL (0°-30°)	91.2	1.6	B0/110		
BM (30°-60°)	496.8	8.9	B1/1000		
BH (60°-80°)	363.9	6.5	B1/500		G1/500
BVH (80°-90°)	94.8	1.7			G1/100
UL (90°-100°)	104.2	1.9		U3/500	
UH (100°-180°)	83.6	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°	112.7	112.7	112.7	112.7	112.7	112.7	112.7	112.7	112.7	112.7	112.7
2.5°	123.3	123.3	123.3	123.3	123.3	121.2	119.1	119.1	116.9	116.9	114.8
5°	146.7	146.7	144.6	144.6	142.4	140.3	138.2	133.9	131.8	129.7	125.4
7.5°	174.3	172.2	170.1	170.1	170.1	165.8	161.6	157.3	153.1	148.8	142.4
10°	208.3	206.2	206.2	204.1	202.0	199.8	195.6	189.2	182.8	180.7	170.1
12.5°	248.7	246.6	248.7	246.6	240.2	240.2	238.1	229.6	225.3	221.1	206.2
15°	299.8	299.8	299.8	293.4	291.3	287.0	289.1	282.7	278.5	274.2	255.1
17.5°	363.5	363.5	359.3	352.9	344.4	344.4	346.5	346.5	348.7	335.9	310.4
20°	435.8	442.2	429.4	416.7	406.1	408.2	412.4	425.2	425.2	412.4	382.7
22.5°	529.4	523.0	516.6	491.1	474.1	469.8	486.8	508.1	510.2	508.1	461.3
25°	627.1	625.0	603.8	576.1	546.4	542.1	569.7	603.8	612.3	608.0	552.7
27.5°	731.3	731.3	710.1	661.2	618.6	612.3	646.3	705.8	724.9	727.1	650.5
30°	867.4	854.6	824.9	759.0	703.7	684.5	733.4	818.5	852.5	854.6	756.8
32.5°	984.3	984.3	941.8	867.4	786.6	754.7	814.2	939.7	984.3	980.0	861.0
35°	1116.1	1105.5	1058.7	967.3	867.4	827.0	899.3	1060.8	1118.2	1118.2	960.9
37.5°	1237.3	1224.5	1182.0	1073.6	950.3	897.1	988.6	1182.0	1273.4	1273.4	1050.2
40°	1356.3	1354.2	1301.1	1177.8	1037.4	965.2	1075.7	1320.2	1428.6	1420.1	1143.7
42.5°	1490.3	1481.8	1418.0	1286.2	1122.5	1039.6	1167.1	1464.8	1596.6	1583.8	1233.0
45°	1632.7	1613.6	1541.3	1398.9	1201.1	1116.1	1262.8	1607.2	1766.6	1770.9	1333.0
47.5°	1762.4	1758.1	1683.7	1515.8	1303.2	1196.9	1367.0	1785.8	1958.0	1947.3	1426.5
50°	1911.2	1902.7	1813.4	1630.6	1396.7	1290.4	1483.9	1962.2	2172.7	2162.1	1549.8
52.5°	2057.9	2040.9	1947.3	1751.8	1505.2	1392.5	1615.7	2155.7	2393.8	2370.4	1673.1
55°	2183.3	2176.9	2057.9	1872.9	1624.2	1500.9	1773.0	2368.3	2623.4	2612.8	1807.0
57.5°	2285.4	2272.6	2162.1	1979.2	1732.6	1647.6	1955.8	2580.9	2863.6	2838.1	1949.5
60°	2317.3	2304.5	2193.9	2051.5	1834.7	1798.5	2162.1	2819.0	3108.1	3074.1	2091.9
62.5°	2249.2	2236.5	2149.3	2057.9	1909.1	1943.1	2389.5	3072.0	3346.2	3312.2	2230.1
65°	2028.1	2021.7	1987.7	1970.7	1921.8	2055.8	2631.9	3295.2	3550.3	3492.9	2342.8
67.5°	1696.5	1705.0	1709.2	1773.0	1843.2	2119.5	2802.0	3499.3	3705.5	3624.7	2381.0
70°	1305.3	1290.4	1362.7	1481.8	1656.1	2079.1	2893.4	3611.9	3762.9	3633.2	2355.5
72.5°	929.0	931.2	1011.9	1169.3	1418.0	1947.3	2876.4	3571.5	3663.0	3512.0	2234.3
75°	642.0	637.8	699.4	854.6	1131.0	1700.7	2670.2	3382.3	3373.8	3222.9	1975.0
77.5°	431.6	444.3	489.0	605.9	858.9	1418.0	2351.3	2938.0	2908.3	2719.1	1664.6
80°	304.0	299.8	346.5	433.7	599.5	1101.2	1906.9	2400.2	2364.0	2136.5	1298.9
82.5°	204.1	214.7	244.5	299.8	429.4	812.1	1445.6	1777.3	1736.9	1551.9	909.9
85°	133.9	138.2	165.8	210.5	297.6	559.1	988.6	1199.0	1126.7	1011.9	595.3
87.5°	85.0	89.3	110.5	144.6	206.2	376.3	656.9	739.8	684.5	637.8	361.4
90°	51.0	55.3	72.3	99.9	142.4	253.0	397.5	429.4	382.7	348.7	219.0
92.5°	36.1	38.3	51.0	72.3	104.2	170.1	246.6	246.6	225.3	193.5	138.2
95°	25.5	27.6	38.3	55.3	78.7	116.9	155.2	146.7	129.7	121.2	93.5
97.5°	21.3	21.3	31.9	44.6	63.8	89.3	102.0	93.5	87.2	80.8	70.2
100°	17.0	19.1	27.6	38.3	53.1	68.0	74.4	68.0	61.7	59.5	53.1
102.5°	14.9	17.0	23.4	34.0	44.6	55.3	57.4	51.0	48.9	44.6	40.4
105°	12.8	14.9	19.1	29.8	38.3	46.8	46.8	42.5	38.3	36.1	31.9
107.5°	12.8	12.8	17.0	25.5	34.0	38.3	40.4	34.0	29.8	27.6	25.5
110°	10.6	10.6	14.9	21.3	29.8	34.0	34.0	27.6	23.4	21.3	19.1

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	71°	75°	85°
112.5°	10.6	10.6	14.9	19.1	25.5	29.8	27.6	23.4	19.1	17.0	17.0
115°	10.6	10.6	12.8	17.0	23.4	25.5	23.4	19.1	17.0	14.9	14.9
117.5°	8.5	10.6	12.8	17.0	21.3	23.4	21.3	17.0	14.9	12.8	12.8
120°	8.5	8.5	10.6	14.9	17.0	19.1	19.1	14.9	12.8	10.6	12.8
122.5°	8.5	8.5	10.6	12.8	17.0	17.0	17.0	12.8	10.6	10.6	10.6
125°	8.5	8.5	10.6	12.8	14.9	14.9	14.9	10.6	10.6	8.5	10.6
127.5°	8.5	8.5	8.5	10.6	12.8	14.9	12.8	10.6	8.5	8.5	10.6
130°	8.5	8.5	8.5	10.6	12.8	12.8	10.6	8.5	8.5	8.5	8.5
132.5°	8.5	8.5	8.5	10.6	10.6	10.6	10.6	8.5	8.5	8.5	8.5
135°	8.5	8.5	8.5	8.5	10.6	10.6	8.5	8.5	6.4	6.4	8.5
137.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	6.4	6.4	6.4	8.5
140°	8.5	6.4	6.4	8.5	8.5	8.5	6.4	6.4	6.4	6.4	6.4
142.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	4.3	6.4	6.4	6.4
145°	6.4	6.4	6.4	6.4	6.4	6.4	4.3	4.3	4.3	4.3	6.4
147.5°	4.3	4.3	4.3	4.3	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	4.3	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°	112.7	112.7	112.7	112.7	112.7	112.7	112.7	112.7	112.7	112.7	112.7
2.5°	112.7	112.7	110.5	108.4	106.3	104.2	104.2	104.2	104.2	102.0	102.0
5°	121.2	119.1	114.8	110.5	106.3	102.0	99.9	97.8	95.7	95.7	93.5
7.5°	138.2	133.9	125.4	116.9	110.5	104.2	99.9	95.7	93.5	91.4	91.4
10°	163.7	157.3	142.4	129.7	119.1	108.4	102.0	97.8	95.7	93.5	93.5
12.5°	195.6	187.1	165.8	146.7	129.7	116.9	110.5	104.2	102.0	99.9	99.9
15°	242.4	225.3	197.7	170.1	146.7	129.7	121.2	119.1	116.9	116.9	116.9
17.5°	293.4	274.2	231.7	193.5	163.7	146.7	138.2	136.1	138.2	138.2	138.2
20°	355.0	327.4	270.0	221.1	185.0	167.9	161.6	159.4	163.7	165.8	167.9
22.5°	427.3	384.8	308.3	248.7	210.5	191.3	182.8	185.0	191.3	197.7	197.7
25°	508.1	454.9	350.8	276.4	236.0	214.7	208.3	216.8	225.3	233.9	236.0
27.5°	586.8	518.7	393.3	306.1	261.5	236.0	236.0	244.5	265.7	274.2	278.5
30°	669.7	578.3	427.3	335.9	287.0	259.4	261.5	280.6	304.0	316.8	321.0
32.5°	744.1	633.5	454.9	361.4	308.3	282.7	284.9	310.4	342.3	359.3	361.4
35°	818.5	673.9	478.3	384.8	327.4	299.8	308.3	342.3	376.3	395.4	397.5
37.5°	873.8	705.8	489.0	399.7	344.4	312.5	325.3	367.8	406.1	423.1	425.2
40°	924.8	724.9	493.2	410.3	355.0	325.3	340.1	389.0	427.3	444.3	444.3
42.5°	963.0	731.3	491.1	414.6	363.5	331.6	350.8	403.9	442.2	454.9	457.1
45°	1003.4	737.7	482.6	414.6	365.7	335.9	355.0	410.3	448.6	457.1	457.1
47.5°	1046.0	741.9	472.0	410.3	363.5	335.9	359.3	414.6	448.6	452.8	452.8
50°	1105.5	752.6	459.2	401.8	359.3	333.8	359.3	414.6	444.3	440.1	440.1
52.5°	1160.8	767.5	446.4	393.3	352.9	329.5	357.2	412.4	435.8	425.2	425.2
55°	1228.8	778.1	431.6	380.5	344.4	323.1	350.8	403.9	423.1	410.3	408.2
57.5°	1305.3	799.3	418.8	365.7	333.8	316.8	344.4	395.4	410.3	391.2	389.0
60°	1384.0	816.4	403.9	352.9	323.1	306.1	333.8	382.7	393.3	374.2	372.0
62.5°	1443.5	831.2	389.0	340.1	312.5	295.5	323.1	367.8	376.3	357.2	355.0
65°	1494.5	837.6	372.0	325.3	299.8	284.9	310.4	350.8	357.2	340.1	338.0
67.5°	1507.3	824.9	350.8	308.3	284.9	272.1	293.4	331.6	340.1	325.3	321.0
70°	1475.4	790.8	331.6	293.4	272.1	257.2	276.4	310.4	318.9	306.1	306.1
72.5°	1379.7	733.4	308.3	274.2	255.1	240.2	257.2	287.0	297.6	291.3	287.0
75°	1230.9	646.3	280.6	255.1	236.0	223.2	236.0	263.6	274.2	272.1	272.1
77.5°	1018.3	550.6	250.9	229.6	216.8	204.1	216.8	238.1	250.9	253.0	250.9
80°	784.5	435.8	216.8	204.1	195.6	185.0	195.6	214.7	225.3	229.6	227.5
82.5°	565.5	331.6	182.8	178.6	172.2	167.9	172.2	187.1	202.0	204.1	204.1
85°	391.2	240.2	153.1	153.1	148.8	146.7	150.9	161.6	172.2	176.5	176.5
87.5°	253.0	172.2	123.3	127.6	129.7	127.6	129.7	133.9	144.6	148.8	146.7
90°	165.8	123.3	102.0	106.3	110.5	110.5	108.4	110.5	121.2	123.3	123.3
92.5°	110.5	93.5	87.2	89.3	93.5	95.7	93.5	93.5	99.9	102.0	99.9
95°	82.9	76.5	74.4	76.5	80.8	80.8	80.8	78.7	82.9	85.0	82.9
97.5°	63.8	61.7	63.8	65.9	70.2	70.2	70.2	68.0	70.2	70.2	68.0
100°	51.0	51.0	55.3	57.4	59.5	59.5	59.5	59.5	59.5	55.3	55.3
102.5°	40.4	42.5	46.8	51.0	51.0	53.1	51.0	51.0	48.9	46.8	44.6
105°	34.0	34.0	40.4	42.5	44.6	44.6	44.6	42.5	40.4	36.1	36.1
107.5°	25.5	27.6	34.0	36.1	38.3	38.3	38.3	36.1	34.0	29.8	29.8
110°	21.3	23.4	27.6	31.9	34.0	34.0	34.0	31.9	27.6	23.4	23.4

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

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	19.1	19.1	23.4	27.6	27.6	29.8	29.8	27.6	23.4	19.1	21.3
115°	14.9	17.0	21.3	23.4	25.5	25.5	25.5	23.4	19.1	17.0	17.0
117.5°	14.9	14.9	19.1	21.3	21.3	23.4	21.3	19.1	17.0	14.9	14.9
120°	12.8	14.9	17.0	19.1	19.1	19.1	19.1	17.0	14.9	14.9	14.9
122.5°	12.8	12.8	14.9	17.0	17.0	17.0	17.0	14.9	12.8	12.8	12.8
125°	10.6	12.8	12.8	14.9	14.9	14.9	14.9	12.8	12.8	12.8	12.8
127.5°	10.6	10.6	12.8	12.8	12.8	12.8	12.8	12.8	10.6	10.6	10.6
130°	10.6	10.6	10.6	12.8	12.8	12.8	12.8	10.6	10.6	10.6	10.6
132.5°	8.5	8.5	10.6	10.6	10.6	10.6	10.6	10.6	8.5	10.6	10.6
135°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
137.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
140°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	8.5	8.5
142.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
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	4.3	6.4	6.4	6.4
150°	4.3	4.3	4.3	4.3	2.1	4.3	4.3	4.3	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

(END OF REPORT)