

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: P695621

Luminaire Tested: **LXF.LXT-PA16-60-730-U-T3-A**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695621
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-17)
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-T3-A
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 3000K, 1160mA LIGHTSQUARE WITH 16 LEDS AND TYPE III OPTICS
AND REFRACTOR PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5866.1 lumens
Efficiency: N/A
Efficacy: 94.6 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

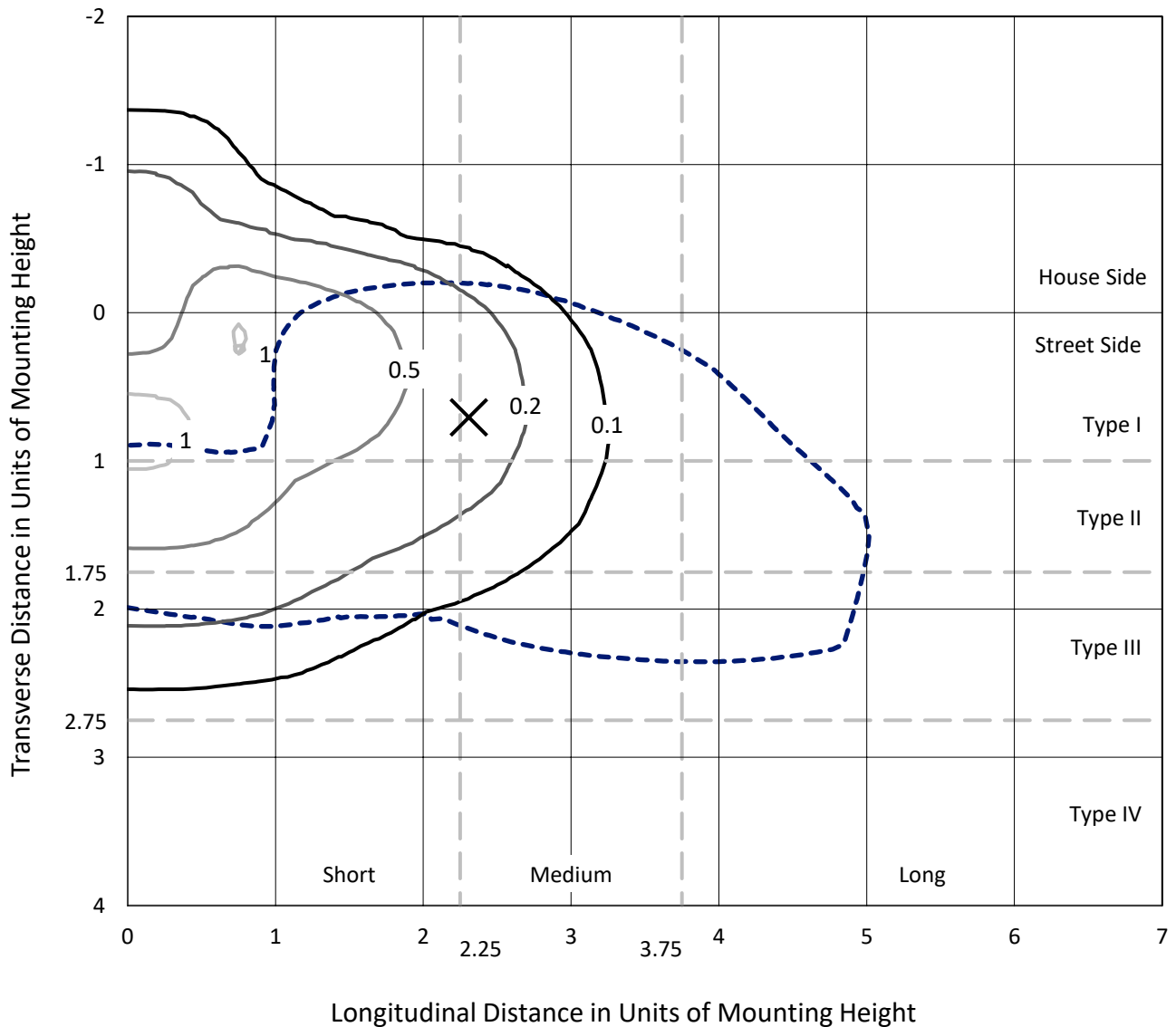
Input Watts (W): 62
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P695621
 CATALOG NUMBER: LXF.LXT-PA16-60-730-U-T3-A

Iso-Footcandle Lines of Horizontal Illumination

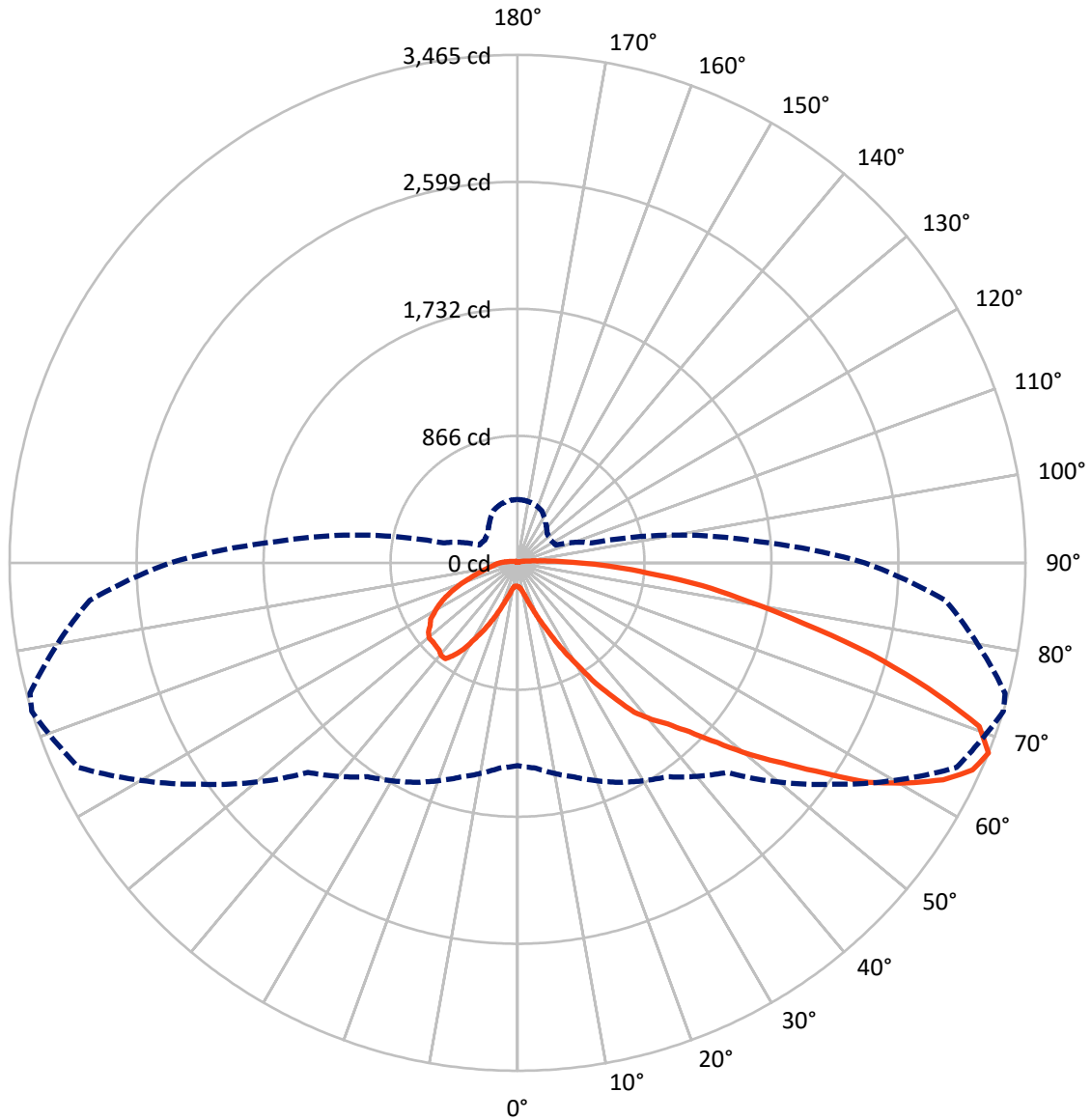
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.2 fc
 Type III - Medium - N/A

REPORT NUMBER: P695621
CATALOG NUMBER: LXF.LXT-PA16-60-730-U-T3-A

Luminous Intensity Polar Plot



— Vertical Plane Through 73-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P695621
 CATALOG NUMBER: LXF.LXT-PA16-60-730-U-T3-A

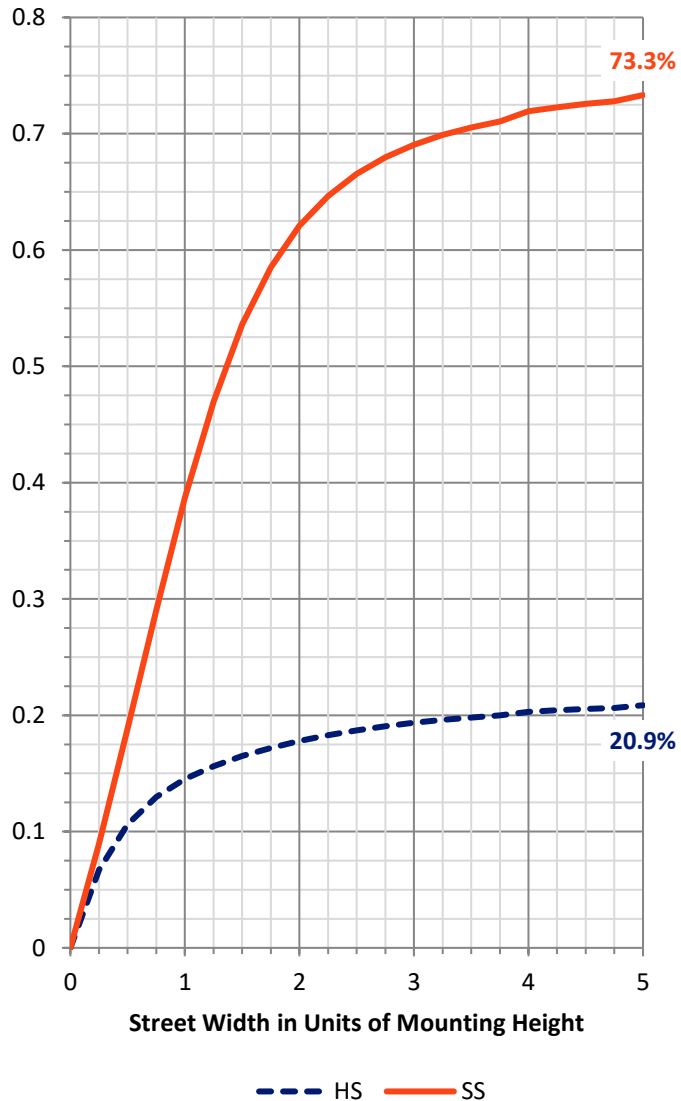
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1283.7	95.9	1379.6
	% Fixture	21.9	1.6	23.5
Street Side	Lumens	4388.1	98.3	4486.4
	% Fixture	74.8	1.7	76.5
Total	Lumens	5671.8	194.2	5866.1
	% Fixture	96.7	3.3	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.5	0.3
10°-20°	72.1	1.2
20°-30°	221.9	3.8
30°-40°	510.9	8.7
40°-50°	827.8	14.1
50°-60°	1228.0	20.9
60°-70°	1429.9	24.4
70°-80°	982.2	16.7
80°-90°	382.6	6.5
90°-100°	108.6	1.9
100°-110°	39.7	0.7
110°-120°	20.4	0.3
120°-130°	12.8	0.2
130°-140°	8.5	0.1
140°-150°	4.0	0.1
150°-160°	0.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5671.8	96.7
0°-180°	5866.1	100.0

Coefficient of Utilization

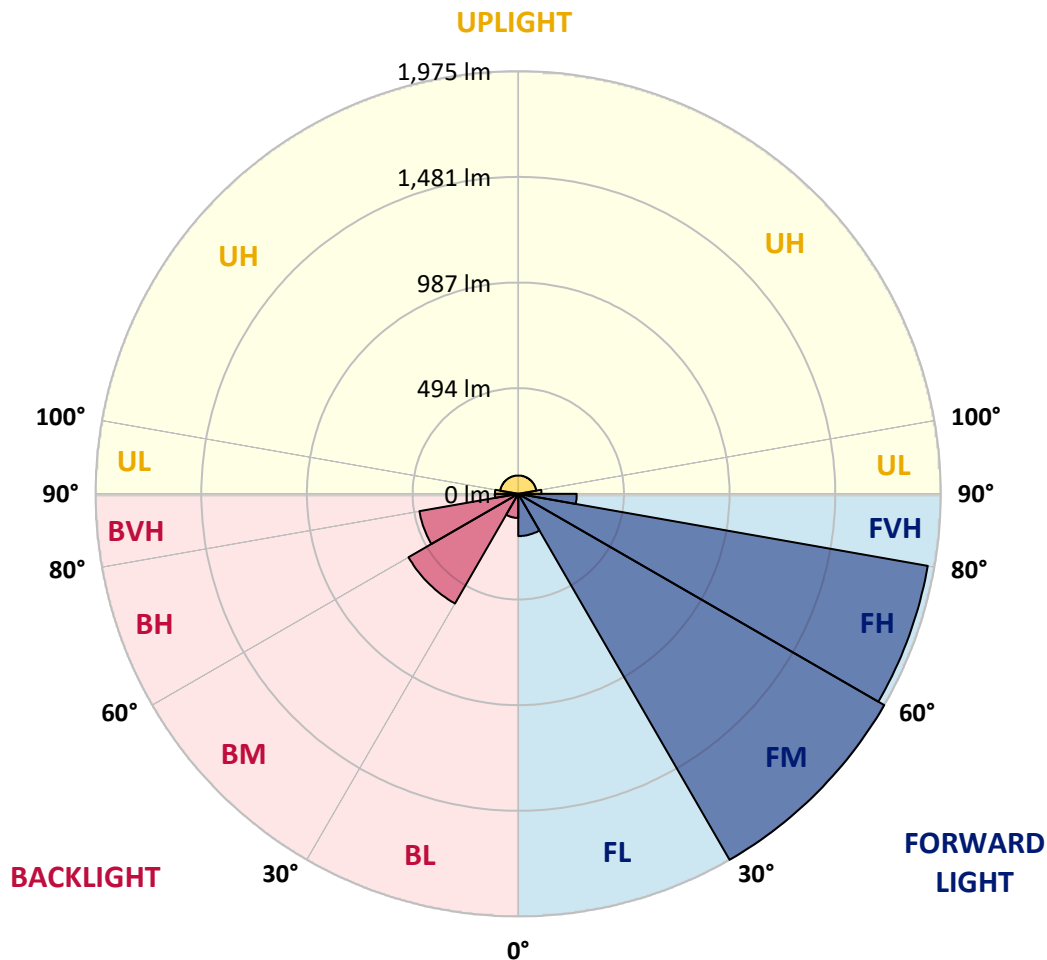


REPORT NUMBER: P695621
 CATALOG NUMBER: LXF.LXT-PA16-60-730-U-T3-A

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	197.5	3.4			
FM (30°-60°)	1974.7	33.7			
FH (60°-80°)	1943.0	33.1			G2/5000
FVH (80°-90°)	273.0	4.7			G3/500
BL (0°-30°)	112.9	1.9	B1/500		
BM (30°-60°)	592.1	10.1	B1/1000		
BH (60°-80°)	469.1	8.0	B1/500		G1/500
BVH (80°-90°)	109.7	1.9			G2/225
UL (90°-100°)	108.6	1.9		U3/500	
UH (100°-180°)	85.6	1.5		U3/500	

BUG Rating: B1-U3-G3
 Type III Medium



REPORT NUMBER: P695621
 CATALOG NUMBER: LXF.LXT-PA16-60-730-U-T3-A

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	73°	75°	85°
0°	161.5	161.5	161.5	161.5	161.5	161.5	161.5	161.5	161.5	161.5	161.5
2.5°	170.0	172.2	172.2	172.2	172.2	170.0	167.9	165.8	165.8	163.7	161.5
5°	191.3	191.3	189.2	189.2	187.1	184.9	180.7	176.4	172.2	172.2	167.9
7.5°	210.4	212.6	212.6	208.3	206.2	201.9	195.6	189.2	184.9	182.8	176.4
10°	240.2	242.3	240.2	235.9	231.7	225.3	216.8	210.4	204.1	199.8	193.4
12.5°	280.6	280.6	278.5	270.0	261.5	255.1	246.6	240.2	231.7	231.7	223.2
15°	329.5	331.6	325.2	318.8	306.1	295.5	284.8	280.6	276.3	276.3	265.7
17.5°	391.1	393.2	384.7	367.7	352.9	344.3	338.0	331.6	327.3	327.3	316.7
20°	482.5	469.8	467.6	431.5	414.5	401.7	397.5	393.2	395.4	391.1	384.7
22.5°	584.5	576.0	563.3	520.8	488.9	469.8	463.4	465.5	471.9	471.9	469.8
25°	705.7	707.8	675.9	622.8	573.9	546.3	544.2	565.4	571.8	576.0	573.9
27.5°	843.9	852.4	801.4	744.0	675.9	629.2	633.4	669.6	690.8	693.0	690.8
30°	1022.4	1026.7	962.9	873.6	778.0	724.8	737.6	788.6	812.0	820.5	824.7
32.5°	1226.5	1226.5	1154.2	1037.3	894.9	820.5	833.2	922.5	977.8	975.7	988.4
35°	1422.0	1407.2	1345.5	1196.7	1024.5	922.5	954.4	1056.4	1124.5	1137.2	1130.8
37.5°	1558.1	1568.7	1511.3	1366.8	1156.3	1028.8	1073.4	1203.1	1292.4	1292.4	1275.4
40°	1647.4	1660.1	1607.0	1483.7	1286.0	1145.7	1194.6	1334.9	1402.9	1407.2	1345.5
42.5°	1743.0	1753.6	1717.5	1590.0	1394.4	1256.2	1300.9	1434.8	1502.8	1500.7	1436.9
45°	1849.3	1864.2	1847.2	1717.5	1502.8	1360.4	1398.7	1553.8	1643.1	1658.0	1575.1
47.5°	1978.9	1989.6	1970.4	1842.9	1624.0	1466.7	1526.2	1715.4	1832.3	1834.4	1738.8
50°	2051.2	2072.5	2102.2	2002.3	1762.1	1585.7	1677.1	1919.4	2055.5	2081.0	1953.4
52.5°	2095.9	2119.2	2168.1	2146.9	1936.4	1743.0	1879.0	2153.2	2270.2	2306.3	2121.4
55°	2170.3	2195.8	2248.9	2219.1	2072.5	1923.7	2068.2	2391.3	2527.4	2544.4	2380.7
57.5°	2066.1	2091.6	2236.1	2293.5	2166.0	2081.0	2270.2	2657.0	2824.9	2850.5	2623.0
60°	1972.6	1989.6	2085.2	2248.9	2221.3	2193.6	2487.0	2912.1	3050.3	3058.8	2767.6
62.5°	1798.3	1836.5	1947.1	2081.0	2155.4	2234.0	2644.3	3114.0	3258.6	3273.4	2910.0
65°	1556.0	1583.6	1706.9	1898.2	1987.5	2168.1	2710.2	3277.7	3409.5	3401.0	2980.1
67.5°	1383.8	1405.0	1513.4	1651.6	1781.3	2021.5	2633.6	3303.2	3464.8	3443.5	2929.1
70°	1086.2	1111.7	1235.0	1451.8	1553.8	1791.9	2453.0	3201.2	3341.5	3322.3	2697.4
72.5°	865.1	888.5	1005.4	1188.2	1360.4	1551.7	2212.8	2876.0	2931.2	2882.3	2272.3
75°	633.4	665.3	744.0	909.8	1115.9	1341.3	1864.2	2444.5	2489.1	2442.3	1845.0
77.5°	437.9	440.0	510.1	667.4	846.0	1130.8	1547.4	2030.0	2000.2	1951.3	1411.4
80°	280.6	284.8	329.5	431.5	614.3	854.5	1249.9	1617.6	1590.0	1568.7	1081.9
82.5°	180.7	174.3	212.6	282.7	416.6	620.7	971.4	1296.6	1266.9	1215.9	818.4
85°	114.8	119.0	140.3	184.9	284.8	452.8	724.8	928.9	890.6	843.9	559.0
87.5°	87.2	89.3	102.0	131.8	193.4	318.8	495.3	646.2	620.7	576.0	376.2
90°	65.9	68.0	76.5	95.7	133.9	216.8	329.5	406.0	376.2	352.9	242.3
92.5°	46.8	48.9	57.4	72.3	99.9	150.9	212.6	238.1	221.1	212.6	157.3
95°	34.0	36.1	42.5	53.1	74.4	104.2	133.9	144.5	133.9	129.7	110.5
97.5°	27.6	29.8	31.9	40.4	57.4	76.5	91.4	93.5	91.4	87.2	82.9
100°	23.4	23.4	27.6	31.9	44.6	61.6	68.0	68.0	68.0	68.0	63.8
102.5°	19.1	19.1	23.4	27.6	36.1	48.9	53.1	53.1	51.0	53.1	51.0
105°	17.0	17.0	19.1	23.4	31.9	40.4	42.5	40.4	40.4	40.4	40.4
107.5°	14.9	14.9	17.0	21.3	27.6	34.0	36.1	34.0	31.9	31.9	34.0
110°	12.8	12.8	14.9	17.0	23.4	29.8	29.8	25.5	25.5	25.5	27.6

REPORT NUMBER: P695621
 CATALOG NUMBER: LXF.LXT-PA16-60-730-U-T3-A

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	73°	75°	85°
112.5°	12.8	12.8	14.9	17.0	21.3	25.5	23.4	21.3	21.3	21.3	23.4
115°	12.8	12.8	12.8	14.9	19.1	21.3	21.3	19.1	17.0	19.1	21.3
117.5°	12.8	12.8	12.8	14.9	17.0	19.1	19.1	17.0	14.9	17.0	19.1
120°	12.8	12.8	12.8	14.9	17.0	17.0	17.0	14.9	14.9	14.9	17.0
122.5°	10.6	10.6	12.8	12.8	14.9	14.9	14.9	12.8	12.8	12.8	17.0
125°	10.6	10.6	12.8	12.8	14.9	14.9	12.8	12.8	12.8	12.8	14.9
127.5°	12.8	12.8	12.8	12.8	12.8	12.8	12.8	10.6	12.8	12.8	14.9
130°	12.8	12.8	12.8	12.8	12.8	12.8	10.6	10.6	12.8	12.8	14.9
132.5°	12.8	12.8	12.8	12.8	12.8	10.6	10.6	10.6	10.6	12.8	12.8
135°	12.8	12.8	12.8	12.8	10.6	10.6	8.5	10.6	10.6	10.6	12.8
137.5°	10.6	10.6	10.6	10.6	10.6	8.5	8.5	8.5	8.5	10.6	10.6
140°	10.6	8.5	8.5	8.5	8.5	8.5	6.4	6.4	8.5	8.5	10.6
142.5°	8.5	8.5	8.5	8.5	6.4	6.4	6.4	6.4	6.4	8.5	8.5
145°	6.4	6.4	6.4	6.4	6.4	4.3	4.3	4.3	6.4	6.4	6.4
147.5°	6.4	4.3	6.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	6.4
150°	4.3	4.3	4.3	4.3	4.3	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

REPORT NUMBER: P695621
 CATALOG NUMBER: LXF.LXT-PA16-60-730-U-T3-A

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	161.5	161.5	161.5	161.5	161.5	161.5	161.5	161.5	161.5	161.5	161.5
2.5°	161.5	159.4	159.4	157.3	155.2	155.2	153.0	153.0	153.0	153.0	150.9
5°	165.8	163.7	159.4	155.2	150.9	148.8	146.7	144.5	142.4	142.4	142.4
7.5°	172.2	170.0	163.7	157.3	150.9	144.5	140.3	138.2	136.0	133.9	133.9
10°	189.2	182.8	172.2	161.5	153.0	144.5	138.2	133.9	131.8	129.7	129.7
12.5°	212.6	210.4	193.4	176.4	161.5	148.8	140.3	138.2	136.0	136.0	133.9
15°	257.2	248.7	229.6	201.9	178.6	159.4	153.0	150.9	155.2	155.2	157.3
17.5°	306.1	295.5	270.0	235.9	204.1	182.8	174.3	176.4	180.7	184.9	184.9
20°	369.9	359.2	325.2	276.3	238.1	212.6	201.9	201.9	210.4	216.8	216.8
22.5°	457.0	437.9	389.0	323.1	272.1	242.3	227.4	225.3	235.9	242.3	242.3
25°	559.0	531.4	467.6	380.5	308.2	265.7	248.7	250.8	263.6	274.2	274.2
27.5°	665.3	635.6	546.3	433.6	342.2	282.7	267.8	276.3	293.3	304.0	306.1
30°	795.0	754.6	629.2	486.8	367.7	297.6	282.7	295.5	316.7	331.6	333.7
32.5°	941.6	890.6	733.3	539.9	386.9	306.1	291.2	316.7	342.2	363.5	363.5
35°	1081.9	1013.9	809.9	580.3	397.5	308.2	299.7	331.6	361.4	380.5	380.5
37.5°	1207.3	1120.2	873.6	601.5	397.5	308.2	301.8	338.0	365.6	378.4	376.2
40°	1256.2	1152.1	875.8	590.9	391.1	304.0	299.7	333.7	355.0	359.2	355.0
42.5°	1330.6	1203.1	860.9	554.8	369.9	297.6	293.3	318.8	331.6	331.6	327.3
45°	1445.4	1281.7	863.0	518.7	346.5	284.8	282.7	306.1	321.0	325.2	321.0
47.5°	1585.7	1379.5	865.1	486.8	325.2	274.2	276.3	304.0	318.8	314.6	312.5
50°	1770.6	1509.2	875.8	457.0	312.5	265.7	276.3	306.1	316.7	308.2	304.0
52.5°	1906.7	1585.7	856.6	429.4	304.0	263.6	280.6	310.3	316.7	304.0	304.0
55°	2106.5	1692.0	816.2	393.2	295.5	265.7	284.8	314.6	316.7	306.1	304.0
57.5°	2282.9	1787.6	792.9	361.4	287.0	270.0	291.2	321.0	325.2	318.8	316.7
60°	2363.7	1811.0	731.2	340.1	280.6	274.2	299.7	331.6	346.5	342.2	344.3
62.5°	2461.5	1815.3	671.7	321.0	278.5	278.5	310.3	352.9	372.0	372.0	374.1
65°	2455.1	1760.0	601.5	304.0	276.3	282.7	323.1	372.0	395.4	401.7	403.9
67.5°	2370.1	1651.6	525.0	287.0	272.1	284.8	333.7	391.1	418.7	429.4	431.5
70°	2106.5	1449.7	448.5	272.1	263.6	280.6	335.8	401.7	429.4	440.0	442.1
72.5°	1728.1	1150.0	365.6	250.8	248.7	267.8	327.3	395.4	416.6	420.9	425.1
75°	1379.5	911.9	304.0	227.4	227.4	246.6	304.0	363.5	378.4	382.6	376.2
77.5°	1033.0	690.8	252.9	206.2	206.2	225.3	274.2	321.0	333.7	331.6	333.7
80°	782.2	522.9	214.7	184.9	184.9	199.8	244.4	284.8	295.5	291.2	289.1
82.5°	586.7	391.1	187.1	165.8	165.8	178.6	212.6	246.6	255.1	255.1	248.7
85°	401.7	280.6	163.7	146.7	146.7	157.3	182.8	208.3	221.1	218.9	214.7
87.5°	280.6	212.6	144.5	131.8	129.7	138.2	157.3	180.7	195.6	197.7	193.4
90°	193.4	159.4	125.4	112.7	112.7	119.0	136.0	155.2	170.0	172.2	167.9
92.5°	136.0	121.2	104.2	95.7	93.5	102.0	112.7	125.4	133.9	133.9	136.0
95°	99.9	93.5	82.9	74.4	74.4	82.9	89.3	91.4	97.8	97.8	95.7
97.5°	76.5	74.4	68.0	59.5	57.4	65.9	68.0	70.1	74.4	72.3	70.1
100°	63.8	61.6	55.3	48.9	46.8	53.1	55.3	57.4	61.6	57.4	57.4
102.5°	51.0	51.0	46.8	40.4	40.4	44.6	46.8	48.9	51.0	48.9	46.8
105°	42.5	42.5	40.4	36.1	34.0	38.3	40.4	40.4	42.5	40.4	40.4
107.5°	34.0	36.1	34.0	29.8	29.8	31.9	34.0	34.0	34.0	34.0	34.0
110°	29.8	29.8	29.8	25.5	27.6	29.8	29.8	29.8	29.8	29.8	29.8

REPORT NUMBER: P695621
 CATALOG NUMBER: LXF.LXT-PA16-60-730-U-T3-A

CANDELA DISTRIBUTION (continued):

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