

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: P695876

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

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695876
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-PA16-730-U-SL3-A
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 3000K, 1340mA 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: 6245 lumens
Efficiency: N/A
Efficacy: 86.7 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

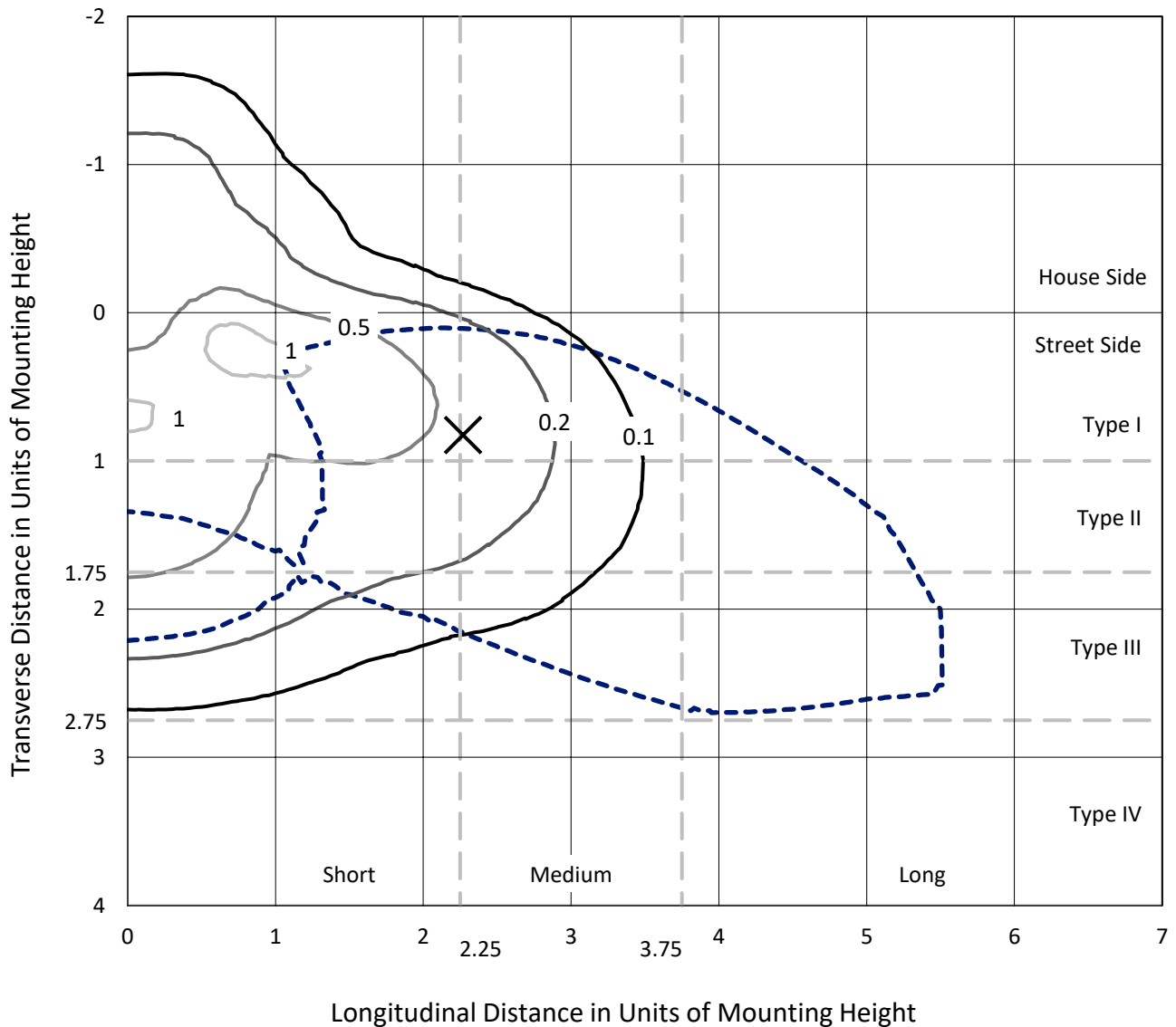
Input Watts (W): 72
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P695876
 CATALOG NUMBER: LXF.LXT-PA16-730-U-SL3-A

Iso-Footcandle Lines of Horizontal Illumination

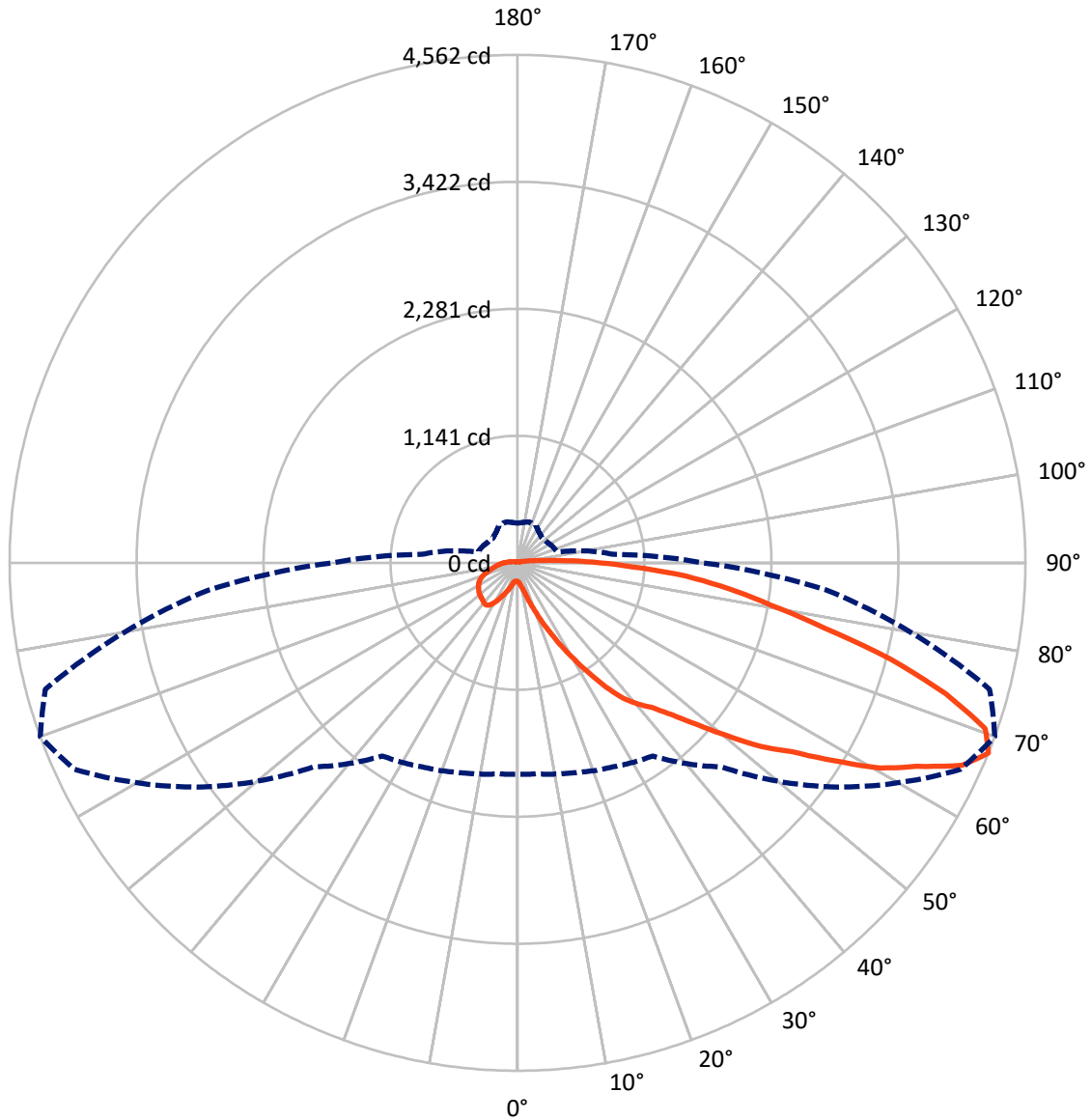
✕ Max cd
 - - - 1/2 Max cd



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

REPORT NUMBER: P695876
CATALOG NUMBER: LXF.LXT-PA16-730-U-SL3-A

Luminous Intensity Polar Plot



— Vertical Plane Through 70-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P695876
 CATALOG NUMBER: LXF.LXT-PA16-730-U-SL3-A

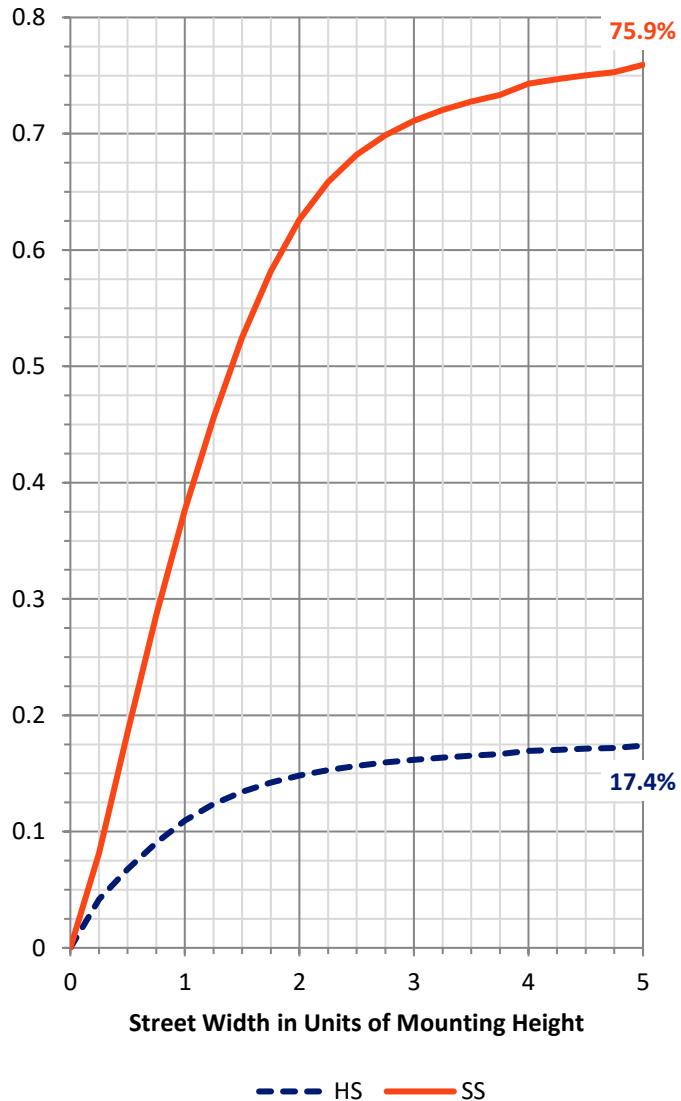
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1140.7	101.9	1242.7
	% Fixture	18.3	1.6	19.9
Street Side	Lumens	4872.2	130.1	5002.3
	% Fixture	78.0	2.1	80.1
Total	Lumens	6012.9	232.1	6245.0
	% Fixture	96.3	3.7	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.4	0.3
10°-20°	76.1	1.2
20°-30°	225.2	3.6
30°-40°	492.3	7.9
40°-50°	774.8	12.4
50°-60°	1198.1	19.2
60°-70°	1601.3	25.6
70°-80°	1133.0	18.1
80°-90°	494.8	7.9
90°-100°	139.3	2.2
100°-110°	44.6	0.7
110°-120°	21.7	0.3
120°-130°	13.4	0.2
130°-140°	8.7	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°	6012.9	96.3
0°-180°	6245.0	100.0

Coefficient of Utilization

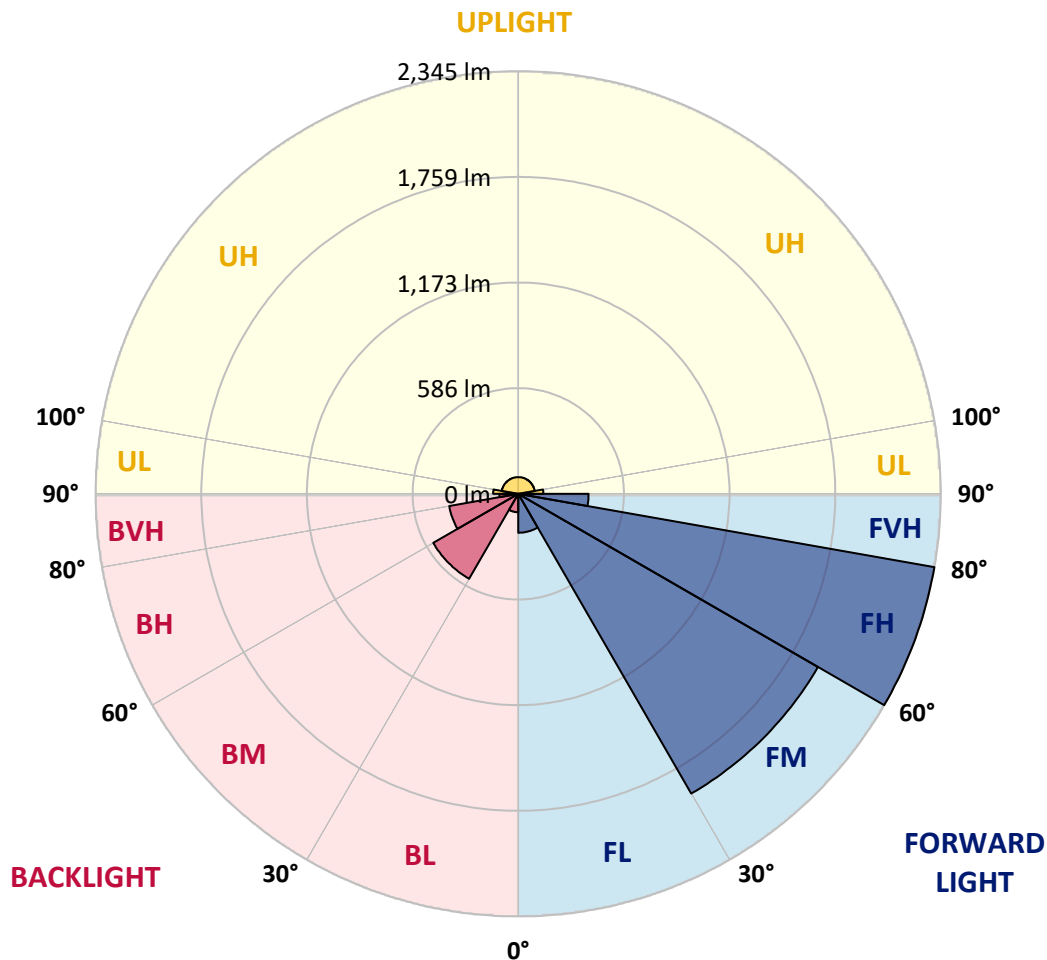


REPORT NUMBER: P695876
 CATALOG NUMBER: LXF.LXT-PA16-730-U-SL3-A

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	216.1	3.5			
FM (30°-60°)	1920.5	30.8			
FH (60°-80°)	2345.3	37.6			G2/5000
FVH (80°-90°)	390.3	6.2			G3/500
BL (0°-30°)	102.5	1.6	B0/110		
BM (30°-60°)	544.7	8.7	B1/1000		
BH (60°-80°)	389.1	6.2	B1/500		G1/500
BVH (80°-90°)	104.5	1.7			G2/225
UL (90°-100°)	139.3	2.2		U3/500	
UH (100°-180°)	92.8	1.5		U3/500	

BUG Rating: B1-U3-G3
 Type III Medium



REPORT NUMBER: P695876
 CATALOG NUMBER: LXF.LXT-PA16-730-U-SL3-A

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	85°
0°	169.9	169.9	169.9	169.9	169.9	169.9	169.9	169.9	169.9	169.9	169.9
2.5°	179.4	179.4	181.7	179.4	179.4	179.4	177.0	174.7	172.3	172.3	169.9
5°	198.3	198.3	198.3	198.3	195.9	193.5	191.2	186.5	184.1	181.7	177.0
7.5°	221.9	221.9	221.9	221.9	219.5	217.1	210.1	203.0	200.6	198.3	188.8
10°	257.3	257.3	257.3	252.5	250.2	245.5	238.4	231.3	226.6	221.9	207.7
12.5°	304.5	302.1	302.1	297.4	287.9	278.5	276.1	269.1	264.3	259.6	243.1
15°	363.5	363.5	363.5	351.7	342.2	332.8	330.4	323.4	323.4	316.3	295.0
17.5°	429.6	429.6	420.1	408.3	401.2	396.5	398.9	396.5	394.2	384.7	356.4
20°	502.7	500.4	488.6	472.0	462.6	467.3	474.4	481.5	479.1	467.3	427.2
22.5°	597.1	592.4	571.2	547.6	526.3	533.4	557.0	580.6	587.7	568.8	519.2
25°	698.6	698.6	667.9	632.5	606.6	604.2	637.3	703.3	708.1	705.7	634.9
27.5°	833.2	826.1	783.6	731.7	682.1	684.5	736.4	823.7	852.0	849.7	755.3
30°	979.5	977.1	927.6	852.0	767.1	755.3	840.2	972.4	1007.8	1022.0	894.5
32.5°	1092.8	1104.6	1043.2	970.1	859.1	828.4	934.6	1111.7	1182.5	1187.2	1024.3
35°	1220.2	1220.2	1161.2	1069.2	939.4	899.2	1031.4	1262.7	1371.3	1380.7	1156.5
37.5°	1272.2	1288.7	1243.8	1156.5	1014.9	960.6	1130.5	1432.7	1543.6	1576.6	1253.3
40°	1340.6	1354.8	1305.2	1210.8	1076.3	1024.3	1215.5	1560.1	1668.7	1685.2	1284.0
42.5°	1472.8	1484.6	1411.4	1279.2	1128.2	1078.6	1276.9	1645.1	1777.2	1803.2	1335.9
45°	1607.3	1619.1	1553.0	1397.2	1194.3	1130.5	1335.9	1784.3	1944.8	1968.4	1413.8
47.5°	1789.0	1793.8	1706.4	1529.4	1293.4	1191.9	1425.6	1970.8	2171.4	2199.7	1520.0
50°	1987.3	1994.4	1881.1	1682.8	1406.7	1295.8	1553.0	2183.2	2440.5	2485.3	1673.4
52.5°	2185.6	2164.3	2062.8	1857.5	1557.7	1420.9	1701.7	2454.6	2740.2	2766.2	1815.0
55°	2409.8	2376.7	2249.3	2013.3	1725.3	1581.3	1933.0	2716.6	2995.1	3014.0	1970.8
57.5°	2643.4	2612.8	2449.9	2185.6	1895.3	1810.3	2187.9	3004.6	3351.5	3401.1	2209.2
60°	2683.6	2667.0	2549.0	2346.1	2084.1	2058.1	2499.5	3384.6	3743.3	3745.7	2409.8
62.5°	2634.0	2626.9	2518.4	2379.1	2228.0	2315.4	2914.9	3745.7	4026.5	4000.6	2589.2
65°	2395.6	2369.7	2369.7	2301.2	2265.8	2549.0	3280.7	4087.9	4387.6	4307.4	2759.1
67.5°	1900.0	1902.3	1951.9	2022.7	2117.1	2591.5	3512.0	4390.0	4562.3	4390.0	2778.0
70°	1338.2	1373.6	1479.9	1638.0	1824.4	2400.3	3523.8	4354.6	4456.1	4286.2	2655.2
72.5°	979.5	951.2	1033.8	1177.7	1458.6	2065.2	3221.7	4017.1	4021.8	3771.6	2298.9
75°	663.2	665.6	724.6	849.7	1059.7	1680.5	2799.2	3479.0	3464.8	3176.9	1916.5
77.5°	441.4	446.1	500.4	599.5	797.8	1347.7	2341.3	2877.1	2813.4	2617.5	1536.5
80°	302.1	313.9	344.6	415.4	580.6	1066.8	1921.2	2360.2	2308.3	2119.5	1239.1
82.5°	217.1	219.5	250.2	304.5	415.4	816.6	1564.8	1980.2	1909.4	1706.4	988.9
85°	165.2	165.2	186.5	224.2	299.7	623.1	1248.6	1576.6	1512.9	1319.4	738.7
87.5°	120.4	122.7	136.9	169.9	221.9	472.0	958.2	1132.9	1031.4	911.0	507.4
90°	77.9	82.6	92.0	122.7	165.2	335.2	667.9	741.1	672.7	564.1	328.1
92.5°	49.6	49.6	59.0	82.6	120.4	228.9	420.1	439.0	380.0	344.6	200.6
95°	33.0	35.4	42.5	56.6	85.0	155.8	252.5	254.9	224.2	188.8	127.5
97.5°	28.3	28.3	33.0	42.5	63.7	106.2	148.7	144.0	129.8	115.7	89.7
100°	23.6	23.6	28.3	35.4	51.9	77.9	94.4	92.0	85.0	82.6	70.8
102.5°	21.2	21.2	23.6	30.7	42.5	61.4	68.4	63.7	61.4	61.4	54.3
105°	18.9	18.9	21.2	26.0	35.4	49.6	51.9	47.2	47.2	44.8	42.5
107.5°	16.5	16.5	18.9	21.2	30.7	40.1	40.1	35.4	35.4	35.4	35.4
110°	16.5	16.5	16.5	18.9	26.0	33.0	33.0	28.3	28.3	26.0	28.3

REPORT NUMBER: P695876
 CATALOG NUMBER: LXF.LXT-PA16-730-U-SL3-A

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	85°
112.5°	14.2	14.2	14.2	18.9	23.6	28.3	26.0	23.6	21.2	21.2	23.6
115°	14.2	11.8	14.2	16.5	21.2	23.6	23.6	18.9	18.9	18.9	21.2
117.5°	11.8	11.8	11.8	14.2	18.9	21.2	18.9	16.5	16.5	16.5	18.9
120°	11.8	11.8	11.8	14.2	18.9	18.9	16.5	14.2	14.2	14.2	16.5
122.5°	11.8	11.8	11.8	14.2	16.5	16.5	16.5	14.2	14.2	14.2	16.5
125°	11.8	11.8	11.8	14.2	16.5	16.5	14.2	11.8	11.8	11.8	16.5
127.5°	11.8	11.8	11.8	14.2	14.2	14.2	11.8	11.8	11.8	11.8	14.2
130°	11.8	11.8	11.8	14.2	14.2	11.8	11.8	11.8	11.8	11.8	14.2
132.5°	11.8	11.8	11.8	14.2	14.2	11.8	11.8	9.4	11.8	11.8	14.2
135°	11.8	11.8	11.8	11.8	11.8	9.4	9.4	9.4	9.4	11.8	11.8
137.5°	11.8	11.8	11.8	11.8	11.8	9.4	7.1	9.4	9.4	9.4	11.8
140°	9.4	9.4	9.4	9.4	9.4	7.1	7.1	7.1	7.1	9.4	9.4
142.5°	9.4	9.4	9.4	9.4	7.1	7.1	4.7	7.1	7.1	7.1	9.4
145°	7.1	7.1	7.1	7.1	7.1	4.7	4.7	4.7	4.7	7.1	7.1
147.5°	7.1	7.1	7.1	7.1	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	2.4	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

REPORT NUMBER: P695876
 CATALOG NUMBER: LXF.LXT-PA16-730-U-SL3-A

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	169.9	169.9	169.9	169.9	169.9	169.9	169.9	169.9	169.9	169.9	169.9
2.5°	169.9	167.6	167.6	165.2	162.9	162.9	162.9	162.9	160.5	160.5	160.5
5°	174.7	172.3	167.6	162.9	158.1	153.4	153.4	151.1	151.1	148.7	146.3
7.5°	184.1	179.4	169.9	162.9	155.8	148.7	146.3	144.0	141.6	139.3	139.3
10°	203.0	193.5	179.4	165.2	153.4	144.0	139.3	136.9	134.5	132.2	132.2
12.5°	231.3	221.9	198.3	174.7	155.8	144.0	136.9	134.5	132.2	132.2	132.2
15°	278.5	262.0	226.6	193.5	162.9	146.3	139.3	141.6	146.3	146.3	146.3
17.5°	332.8	311.5	259.6	214.8	177.0	158.1	153.4	158.1	162.9	165.2	165.2
20°	396.5	363.5	295.0	236.0	193.5	179.4	174.7	179.4	186.5	191.2	191.2
22.5°	476.8	424.8	332.8	257.3	214.8	200.6	198.3	203.0	212.4	221.9	219.5
25°	568.8	500.4	375.3	280.9	243.1	224.2	226.6	236.0	252.5	262.0	266.7
27.5°	670.3	578.3	417.8	313.9	269.1	250.2	254.9	271.4	297.4	313.9	313.9
30°	778.9	653.8	460.2	347.0	297.4	276.1	285.6	316.3	344.6	365.8	365.8
32.5°	885.1	726.9	493.3	384.7	328.1	302.1	316.3	356.4	394.2	417.8	420.1
35°	967.7	771.8	509.8	413.0	354.0	323.4	342.2	398.9	448.4	474.4	476.8
37.5°	1014.9	786.0	512.2	434.3	375.3	342.2	368.2	434.3	488.6	514.5	514.5
40°	1007.8	757.6	495.6	446.1	389.4	358.8	391.8	467.3	521.6	540.5	535.8
42.5°	1022.0	745.8	483.8	441.4	394.2	368.2	406.0	483.8	528.7	535.8	531.0
45°	1038.5	729.3	472.0	436.6	391.8	372.9	413.0	483.8	521.6	519.2	514.5
47.5°	1083.3	726.9	465.0	434.3	389.4	370.6	413.0	481.5	509.8	498.0	493.3
50°	1144.7	736.4	460.2	429.6	387.1	365.8	408.3	476.8	502.7	490.9	486.2
52.5°	1201.4	741.1	450.8	424.8	384.7	363.5	406.0	476.8	498.0	474.4	467.3
55°	1274.5	764.7	439.0	415.4	380.0	358.8	403.6	472.0	476.8	448.4	443.7
57.5°	1409.1	809.6	429.6	403.6	372.9	356.4	398.9	455.5	462.6	436.6	429.6
60°	1508.2	842.6	420.1	394.2	361.1	349.3	387.1	446.1	448.4	413.0	406.0
62.5°	1595.5	866.2	403.6	382.4	354.0	342.2	375.3	424.8	417.8	387.1	384.7
65°	1680.5	885.1	391.8	365.8	339.9	328.1	361.1	396.5	398.9	372.9	368.2
67.5°	1664.0	866.2	368.2	347.0	323.4	311.5	335.2	377.6	380.0	361.1	356.4
70°	1564.8	802.5	339.9	325.7	299.7	287.9	309.2	351.7	358.8	344.6	342.2
72.5°	1354.8	693.9	302.1	295.0	273.8	262.0	283.2	318.6	330.4	318.6	313.9
75°	1140.0	585.3	269.1	262.0	247.8	236.0	252.5	285.6	299.7	297.4	297.4
77.5°	913.4	469.7	238.4	233.7	221.9	212.4	226.6	254.9	273.8	276.1	271.4
80°	734.0	382.4	210.1	207.7	200.6	193.5	200.6	224.2	245.5	250.2	247.8
82.5°	590.1	318.6	186.5	186.5	179.4	174.7	179.4	200.6	226.6	236.0	233.7
85°	453.2	262.0	167.6	165.2	160.5	158.1	162.9	177.0	205.3	217.1	217.1
87.5°	330.4	207.7	148.7	144.0	141.6	141.6	144.0	158.1	184.1	193.5	191.2
90°	228.9	160.5	127.5	122.7	120.4	122.7	127.5	139.3	158.1	160.5	160.5
92.5°	155.8	122.7	106.2	101.5	101.5	106.2	110.9	120.4	132.2	129.8	127.5
95°	108.6	92.0	85.0	82.6	82.6	87.3	92.0	101.5	108.6	103.8	101.5
97.5°	80.2	73.2	70.8	68.4	66.1	73.2	75.5	80.2	87.3	85.0	82.6
100°	63.7	61.4	59.0	56.6	54.3	59.0	61.4	66.1	70.8	66.1	66.1
102.5°	51.9	51.9	49.6	47.2	47.2	49.6	51.9	54.3	56.6	54.3	51.9
105°	42.5	42.5	42.5	40.1	40.1	42.5	44.8	44.8	47.2	42.5	42.5
107.5°	35.4	35.4	37.8	35.4	35.4	37.8	37.8	37.8	37.8	35.4	35.4
110°	30.7	30.7	30.7	30.7	30.7	33.0	33.0	33.0	33.0	30.7	28.3

REPORT NUMBER: P695876
 CATALOG NUMBER: LXF.LXT-PA16-730-U-SL3-A

CANDELA DISTRIBUTION (continued):

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