

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: P182313

Luminaire Tested: **LXF-E02-LED-E-U-ASYM-BK-7060**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P182313
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P26824)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF-E02-LED-E-U-ASYM-BK-7060
Description: LEXINGTON LED OUTDOOR LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - ASYMMETRIC
Light Source: (42) 5700K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5427.9 lumens
Efficiency: N/A
Efficacy: 104.2 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.83')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B3 - U3 - G3

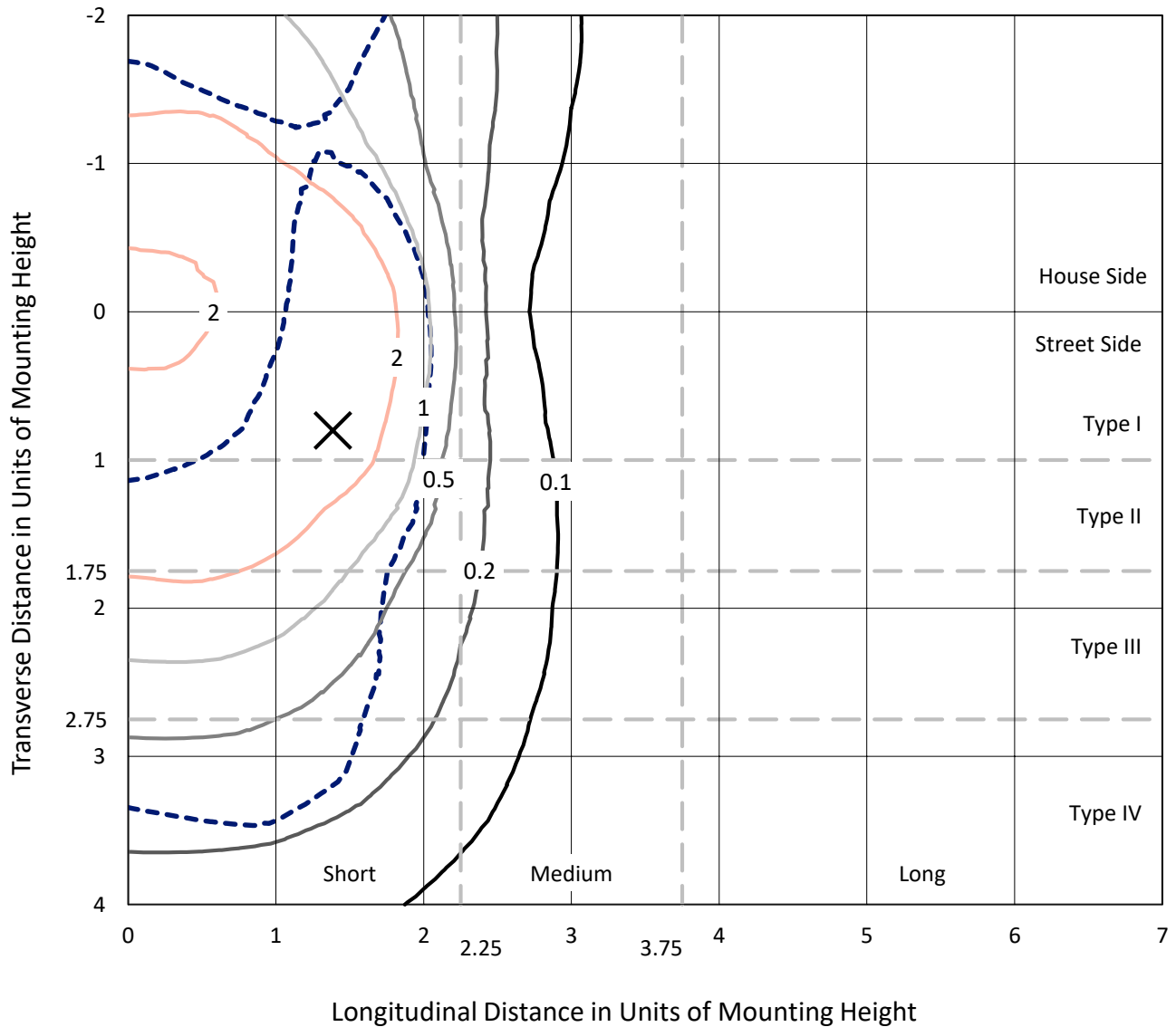
Input Watts (W): 52.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

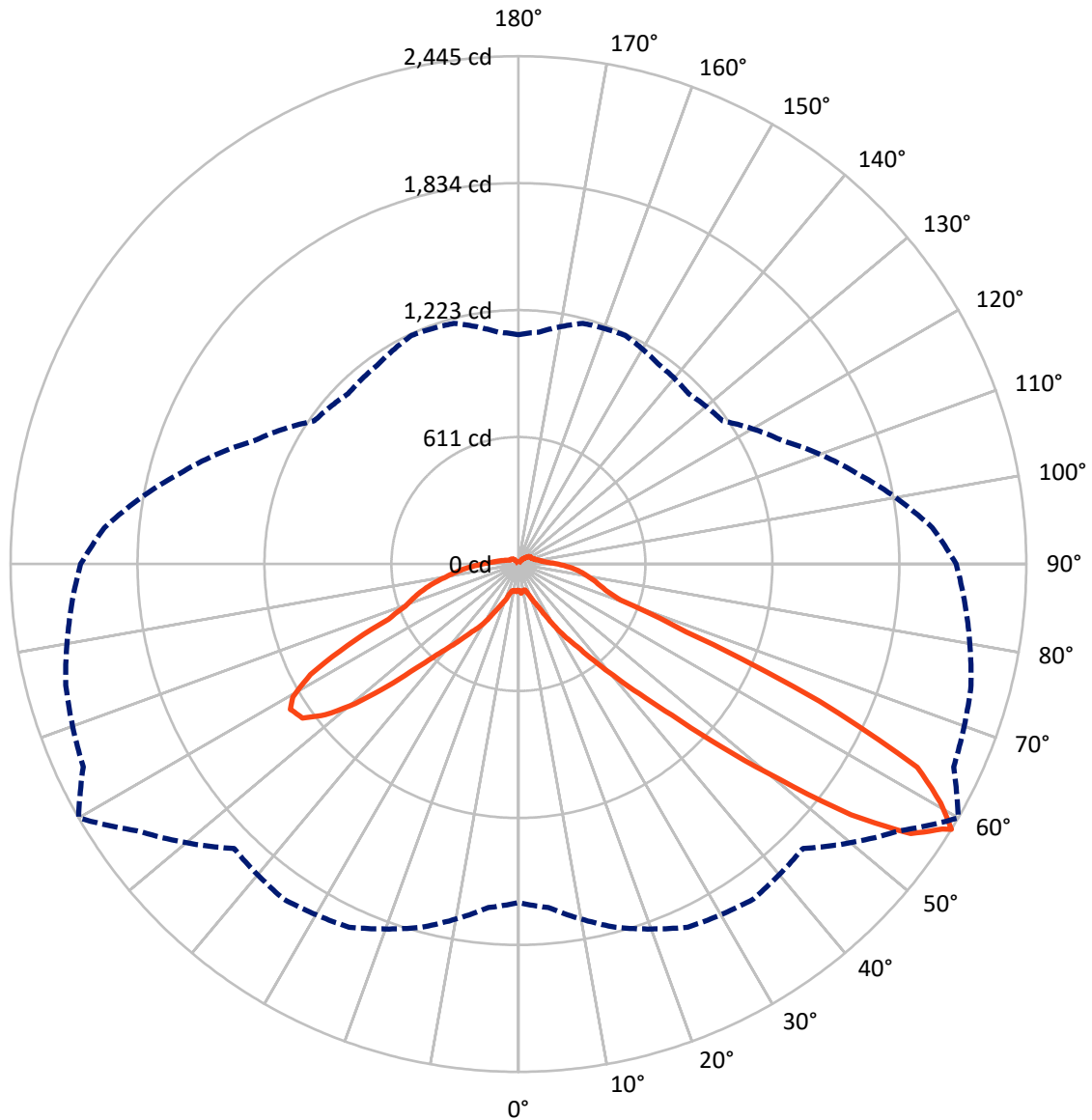
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.6 fc
 Type IV - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 58-Deg Vertical

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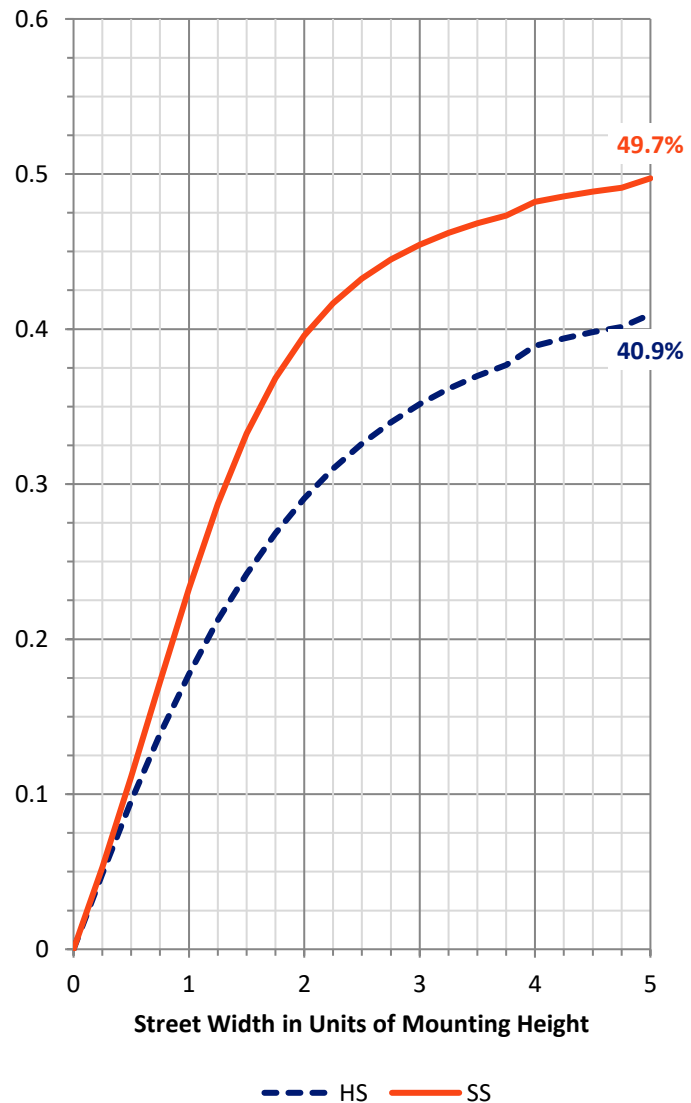
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 2321.2 | 144.4 | 2465.6 |
| | % Fixture | 42.8 | 2.7 | 45.4 |
| Street Side | Lumens | 2803.9 | 158.4 | 2962.3 |
| | % Fixture | 51.7 | 2.9 | 54.6 |
| Total | Lumens | 5125.1 | 302.9 | 5427.9 |
| | % Fixture | 94.4 | 5.6 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 12.8 | 0.2 |
| 10°-20° | 45.8 | 0.8 |
| 20°-30° | 122.6 | 2.3 |
| 30°-40° | 297.5 | 5.5 |
| 40°-50° | 698.0 | 12.9 |
| 50°-60° | 1396.2 | 25.7 |
| 60°-70° | 1347.0 | 24.8 |
| 70°-80° | 831.2 | 15.3 |
| 80°-90° | 373.9 | 6.9 |
| 90°-100° | 128.0 | 2.4 |
| 100°-110° | 68.6 | 1.3 |
| 110°-120° | 45.6 | 0.8 |
| 120°-130° | 34.0 | 0.6 |
| 130°-140° | 20.2 | 0.4 |
| 140°-150° | 6.4 | 0.1 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 5125.1 | 94.4 |
| 0°-180° | 5427.9 | 100.0 |



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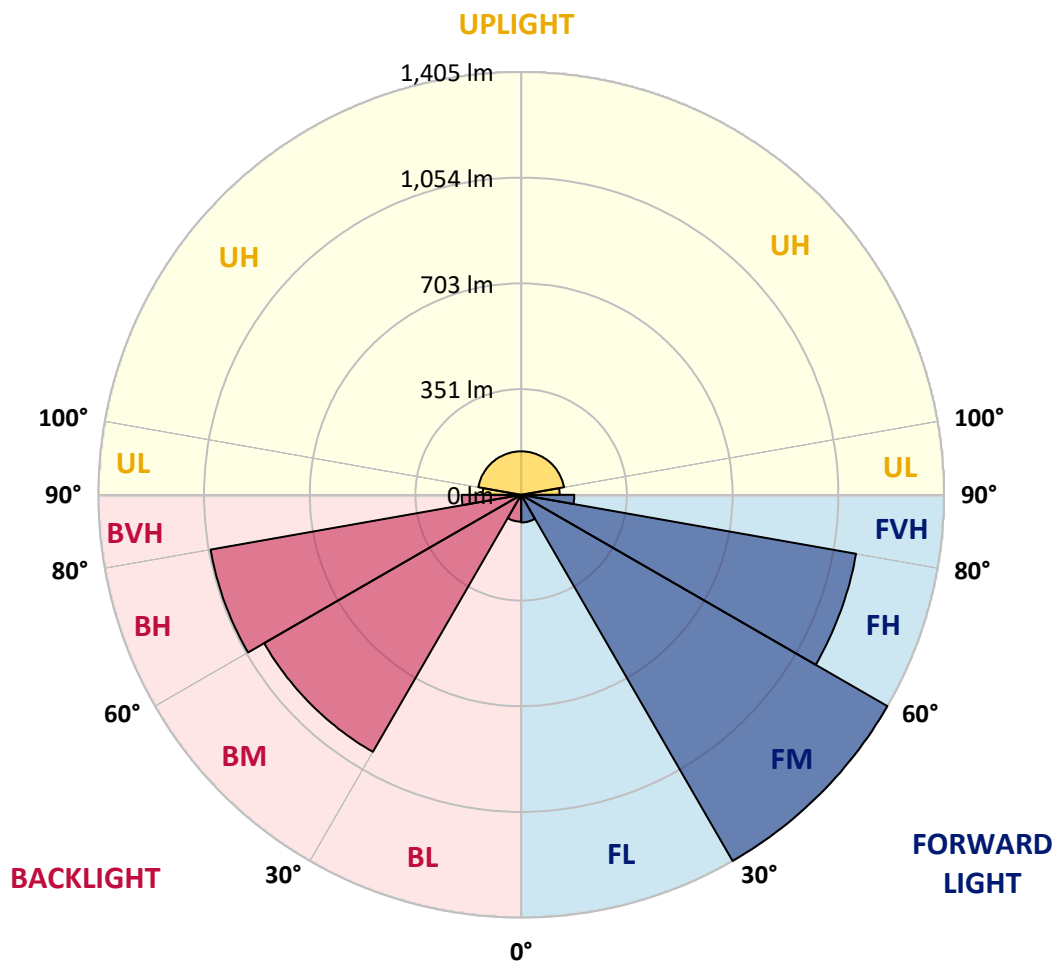
CATALOG NUMBER: LXF-E02-LED-E-U-ASYM-BK-7060

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|--------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 91.9 | 1.7 | | | |
| FM | (30°-60°) | 1405.3 | 25.9 | | | |
| FH | (60°-80°) | 1130.1 | 20.8 | | | G1/1800 |
| FVH | (80°-90°) | 176.5 | 3.3 | | | G2/225 |
| BL | (0°-30°) | 89.3 | 1.6 | B0/110 | | |
| BM | (30°-60°) | 986.4 | 18.2 | B1/1000 | | |
| BH | (60°-80°) | 1048.1 | 19.3 | B3/2500 | | G3/2500 |
| BVH | (80°-90°) | 197.4 | 3.6 | | | G2/225 |
| UL | (90°-100°) | 128.0 | 2.4 | | U3/500 | |
| UH | (100°-180°) | 144.4 | 2.7 | | U3/500 | |

BUG Rating: B3-U3-G3

Type IV Short





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 CATALOG NUMBER: LXF-E02-LED-E-U-ASYM-BK-7060

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 60° | 65° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 128.3 | 128.3 | 128.3 | 128.3 | 128.3 | 128.3 | 128.3 | 128.3 | 128.3 | 128.3 | 128.3 |
| 2.5° | 141.6 | 140.6 | 136.5 | 134.4 | 131.3 | 130.3 | 128.3 | 128.3 | 127.2 | 123.1 | 122.1 |
| 5° | 135.4 | 134.4 | 129.3 | 127.2 | 131.3 | 135.4 | 138.5 | 141.6 | 138.5 | 133.4 | 126.2 |
| 7.5° | 144.7 | 145.7 | 139.6 | 143.7 | 148.8 | 133.4 | 130.3 | 133.4 | 134.4 | 133.4 | 126.2 |
| 10° | 153.9 | 150.8 | 145.7 | 145.7 | 141.6 | 142.6 | 136.5 | 131.3 | 130.3 | 124.2 | 122.1 |
| 12.5° | 163.2 | 158.0 | 162.1 | 163.2 | 156.0 | 141.6 | 130.3 | 128.3 | 126.2 | 124.2 | 125.2 |
| 15° | 199.1 | 184.7 | 189.8 | 173.4 | 163.2 | 144.7 | 135.4 | 134.4 | 133.4 | 133.4 | 134.4 |
| 17.5° | 207.3 | 196.0 | 204.2 | 200.1 | 173.4 | 159.0 | 150.8 | 149.8 | 147.8 | 147.8 | 149.8 |
| 20° | 234.0 | 234.0 | 238.1 | 217.5 | 196.0 | 185.7 | 175.5 | 173.4 | 170.3 | 170.3 | 176.5 |
| 22.5° | 263.7 | 253.4 | 256.5 | 242.2 | 232.9 | 221.6 | 209.3 | 201.1 | 195.0 | 197.0 | 197.0 |
| 25° | 282.2 | 285.3 | 288.3 | 280.1 | 270.9 | 257.6 | 245.2 | 235.0 | 229.8 | 226.8 | 222.7 |
| 27.5° | 335.5 | 336.6 | 335.5 | 327.3 | 320.1 | 304.8 | 294.5 | 287.3 | 282.2 | 269.9 | 265.8 |
| 30° | 392.0 | 395.1 | 395.1 | 384.8 | 376.6 | 358.1 | 355.0 | 353.0 | 343.7 | 325.3 | 320.1 |
| 32.5° | 457.6 | 459.7 | 460.7 | 453.5 | 436.1 | 436.1 | 431.0 | 422.8 | 418.7 | 388.9 | 366.3 |
| 35° | 537.7 | 540.8 | 539.7 | 533.6 | 516.1 | 494.6 | 491.5 | 487.4 | 484.3 | 459.7 | 442.3 |
| 37.5° | 622.8 | 624.9 | 633.1 | 618.7 | 595.1 | 578.7 | 593.1 | 589.0 | 588.0 | 551.0 | 519.2 |
| 40° | 714.2 | 717.2 | 731.6 | 719.3 | 696.7 | 690.6 | 702.9 | 703.9 | 704.9 | 672.1 | 638.2 |
| 42.5° | 826.0 | 827.0 | 838.3 | 836.3 | 818.8 | 809.6 | 832.2 | 853.7 | 856.8 | 806.5 | 763.4 |
| 45° | 975.8 | 976.9 | 1001.5 | 985.1 | 968.6 | 934.8 | 1022.0 | 1036.4 | 1071.3 | 1022.0 | 1006.6 |
| 47.5° | 1121.5 | 1126.7 | 1160.5 | 1155.4 | 1143.1 | 1143.1 | 1309.3 | 1312.4 | 1403.7 | 1408.8 | 1345.2 |
| 50° | 1249.8 | 1265.2 | 1325.7 | 1351.4 | 1390.4 | 1415.0 | 1642.8 | 1627.4 | 1724.9 | 1721.8 | 1631.5 |
| 52.5° | 1406.8 | 1424.2 | 1485.8 | 1553.5 | 1610.0 | 1660.2 | 1900.3 | 2006.0 | 1999.9 | 2015.3 | 1919.8 |
| 55° | 1505.3 | 1530.9 | 1659.2 | 1759.8 | 1752.6 | 1848.0 | 2131.2 | 2291.3 | 2208.2 | 2225.6 | 2126.1 |
| 57.5° | 1612.0 | 1638.7 | 1785.4 | 1900.3 | 1935.2 | 1954.7 | 2239.0 | 2407.2 | 2279.0 | 2240.0 | 2203.0 |
| 58° | 1630.5 | 1660.2 | 1811.1 | 1929.1 | 1970.1 | 1936.3 | 2239.0 | 2445.2 | 2311.8 | 2256.4 | 2157.9 |
| 60° | 1690.0 | 1720.8 | 1882.9 | 2019.4 | 2027.6 | 1984.5 | 2289.2 | 2336.4 | 2210.2 | 2078.9 | 2011.2 |
| 62.5° | 1765.9 | 1801.8 | 1953.7 | 2001.9 | 2026.6 | 1902.4 | 2097.4 | 2154.8 | 1945.5 | 1812.1 | 1646.9 |
| 65° | 1724.9 | 1767.0 | 1940.4 | 1973.2 | 1841.9 | 1754.6 | 1734.1 | 1591.5 | 1358.6 | 1038.4 | 906.1 |
| 67.5° | 1645.9 | 1685.9 | 1809.0 | 1798.8 | 1604.8 | 1265.2 | 1091.8 | 871.2 | 658.8 | 414.5 | 346.8 |
| 70° | 1477.6 | 1513.5 | 1622.3 | 1555.6 | 1319.6 | 895.8 | 638.2 | 521.3 | 425.8 | 305.8 | 253.4 |
| 72.5° | 1254.9 | 1285.7 | 1362.7 | 1300.1 | 1068.2 | 743.9 | 514.1 | 442.3 | 377.6 | 280.1 | 236.0 |
| 75° | 1048.7 | 1066.1 | 1132.8 | 1091.8 | 897.8 | 646.4 | 463.8 | 402.2 | 348.9 | 270.9 | 236.0 |
| 77.5° | 894.8 | 903.0 | 944.0 | 911.2 | 770.6 | 566.4 | 422.8 | 369.4 | 326.3 | 256.5 | 226.8 |
| 80° | 699.8 | 710.1 | 753.2 | 760.3 | 641.3 | 498.7 | 377.6 | 331.4 | 297.6 | 235.0 | 208.3 |
| 82.5° | 529.5 | 536.7 | 578.7 | 592.1 | 527.4 | 420.7 | 335.5 | 298.6 | 268.8 | 214.5 | 196.0 |
| 85° | 359.1 | 361.2 | 404.3 | 438.1 | 411.5 | 346.8 | 294.5 | 261.7 | 237.0 | 192.9 | 177.5 |
| 87.5° | 231.9 | 232.9 | 262.7 | 298.6 | 306.8 | 277.0 | 246.3 | 219.6 | 199.1 | 159.0 | 138.5 |
| 90° | 159.0 | 161.1 | 178.5 | 203.2 | 221.6 | 216.5 | 201.1 | 178.5 | 162.1 | 125.2 | 103.6 |
| 92.5° | 119.0 | 120.1 | 130.3 | 146.7 | 161.1 | 167.3 | 160.1 | 143.7 | 127.2 | 97.5 | 80.0 |
| 95° | 94.4 | 93.4 | 101.6 | 113.9 | 126.2 | 135.4 | 134.4 | 121.1 | 106.7 | 82.1 | 71.8 |
| 97.5° | 77.0 | 77.0 | 84.1 | 92.3 | 103.6 | 115.9 | 118.0 | 108.8 | 98.5 | 79.0 | 73.9 |
| 100° | 65.7 | 65.7 | 69.8 | 78.0 | 88.2 | 100.6 | 105.7 | 99.5 | 93.4 | 77.0 | 77.0 |
| 102.5° | 55.4 | 55.4 | 58.5 | 66.7 | 77.0 | 89.3 | 94.4 | 90.3 | 86.2 | 71.8 | 73.9 |
| 105° | 46.2 | 46.2 | 49.3 | 56.4 | 68.7 | 80.0 | 85.2 | 83.1 | 80.0 | 64.6 | 69.8 |
| 107.5° | 38.0 | 38.0 | 41.0 | 49.3 | 61.6 | 74.9 | 80.0 | 79.0 | 75.9 | 62.6 | 66.7 |



REPORT NUMBER: P182313

CATALOG NUMBER: LXF-E02-LED-E-U-ASYM-BK-7060

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 60° | 65° | 75° | 85° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110° | 31.8 | 31.8 | 34.9 | 44.1 | 55.4 | 66.7 | 74.9 | 73.9 | 71.8 | 64.6 | 65.7 |
| 112.5° | 26.7 | 26.7 | 29.8 | 40.0 | 51.3 | 61.6 | 68.7 | 69.8 | 67.7 | 66.7 | 63.6 |
| 115° | 23.6 | 23.6 | 25.7 | 36.9 | 49.3 | 60.5 | 67.7 | 68.7 | 66.7 | 66.7 | 61.6 |
| 117.5° | 21.5 | 21.5 | 23.6 | 33.9 | 46.2 | 57.5 | 65.7 | 68.7 | 68.7 | 68.7 | 64.6 |
| 120° | 20.5 | 20.5 | 21.5 | 30.8 | 42.1 | 52.3 | 61.6 | 65.7 | 66.7 | 68.7 | 65.7 |
| 122.5° | 19.5 | 19.5 | 19.5 | 26.7 | 39.0 | 48.2 | 59.5 | 64.6 | 64.6 | 67.7 | 62.6 |
| 125° | 18.5 | 18.5 | 18.5 | 22.6 | 35.9 | 47.2 | 56.4 | 61.6 | 62.6 | 65.7 | 60.5 |
| 127.5° | 17.4 | 17.4 | 17.4 | 19.5 | 31.8 | 44.1 | 53.4 | 56.4 | 57.5 | 61.6 | 58.5 |
| 130° | 16.4 | 16.4 | 16.4 | 16.4 | 26.7 | 39.0 | 47.2 | 49.3 | 51.3 | 55.4 | 54.4 |
| 132.5° | 15.4 | 15.4 | 14.4 | 14.4 | 22.6 | 32.8 | 41.0 | 42.1 | 45.1 | 50.3 | 51.3 |
| 135° | 13.3 | 13.3 | 12.3 | 12.3 | 16.4 | 27.7 | 35.9 | 38.0 | 41.0 | 44.1 | 46.2 |
| 137.5° | 11.3 | 11.3 | 10.3 | 10.3 | 11.3 | 22.6 | 30.8 | 32.8 | 36.9 | 41.0 | 43.1 |
| 140° | 9.2 | 9.2 | 9.2 | 8.2 | 8.2 | 16.4 | 25.7 | 28.7 | 32.8 | 36.9 | 39.0 |
| 142.5° | 8.2 | 7.2 | 7.2 | 7.2 | 7.2 | 10.3 | 19.5 | 24.6 | 27.7 | 32.8 | 34.9 |
| 145° | 6.2 | 6.2 | 6.2 | 5.1 | 5.1 | 6.2 | 13.3 | 17.4 | 20.5 | 26.7 | 28.7 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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: P182313
 CATALOG NUMBER: LXF-E02-LED-E-U-ASYM-BK-7060

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 128.3 | 128.3 | 128.3 | 128.3 | 128.3 | 128.3 | 128.3 | 128.3 | 128.3 | 128.3 | 128.3 |
| 2.5° | 121.1 | 123.1 | 126.2 | 126.2 | 127.2 | 127.2 | 127.2 | 130.3 | 133.4 | 133.4 | 133.4 |
| 5° | 128.3 | 130.3 | 133.4 | 134.4 | 132.4 | 129.3 | 126.2 | 126.2 | 132.4 | 135.4 | 135.4 |
| 7.5° | 126.2 | 129.3 | 131.3 | 130.3 | 128.3 | 133.4 | 142.6 | 136.5 | 132.4 | 136.5 | 136.5 |
| 10° | 124.2 | 125.2 | 124.2 | 130.3 | 138.5 | 137.5 | 135.4 | 141.6 | 141.6 | 146.7 | 153.9 |
| 12.5° | 126.2 | 127.2 | 127.2 | 129.3 | 132.4 | 139.6 | 152.9 | 153.9 | 151.9 | 151.9 | 153.9 |
| 15° | 134.4 | 135.4 | 135.4 | 136.5 | 138.5 | 143.7 | 161.1 | 174.4 | 185.7 | 180.6 | 190.9 |
| 17.5° | 150.8 | 152.9 | 152.9 | 153.9 | 153.9 | 162.1 | 173.4 | 189.8 | 202.1 | 201.1 | 205.2 |
| 20° | 178.5 | 178.5 | 178.5 | 178.5 | 182.6 | 191.9 | 199.1 | 212.4 | 224.7 | 222.7 | 218.6 |
| 22.5° | 196.0 | 193.9 | 197.0 | 196.0 | 210.4 | 219.6 | 230.9 | 239.1 | 250.4 | 252.4 | 249.3 |
| 25° | 222.7 | 221.6 | 220.6 | 222.7 | 236.0 | 249.3 | 264.7 | 274.0 | 281.2 | 283.2 | 283.2 |
| 27.5° | 262.7 | 258.6 | 256.5 | 262.7 | 271.9 | 286.3 | 298.6 | 308.9 | 319.1 | 322.2 | 321.2 |
| 30° | 315.0 | 309.9 | 301.7 | 317.1 | 311.9 | 324.2 | 335.5 | 349.9 | 362.2 | 366.3 | 365.3 |
| 32.5° | 358.1 | 348.9 | 340.7 | 356.1 | 361.2 | 365.3 | 377.6 | 395.1 | 410.4 | 414.5 | 413.5 |
| 35° | 419.7 | 406.3 | 390.9 | 393.0 | 398.1 | 404.3 | 425.8 | 443.3 | 454.6 | 458.7 | 456.6 |
| 37.5° | 491.5 | 477.1 | 453.5 | 446.4 | 452.5 | 451.5 | 471.0 | 494.6 | 506.9 | 507.9 | 505.9 |
| 40° | 594.1 | 584.9 | 543.8 | 525.4 | 500.7 | 502.8 | 521.3 | 549.0 | 562.3 | 567.4 | 563.3 |
| 42.5° | 711.1 | 694.7 | 645.4 | 597.2 | 578.7 | 563.3 | 578.7 | 611.6 | 632.1 | 637.2 | 631.1 |
| 45° | 971.7 | 927.6 | 841.4 | 746.0 | 652.6 | 631.1 | 647.5 | 688.5 | 706.0 | 701.9 | 694.7 |
| 47.5° | 1285.7 | 1206.7 | 1077.4 | 924.5 | 802.4 | 717.2 | 729.6 | 768.6 | 789.1 | 787.0 | 779.8 |
| 50° | 1551.5 | 1477.6 | 1284.7 | 1117.4 | 950.2 | 841.4 | 826.0 | 876.3 | 881.4 | 849.6 | 842.4 |
| 52.5° | 1844.9 | 1763.9 | 1553.5 | 1288.8 | 1070.2 | 976.9 | 952.2 | 981.0 | 953.3 | 903.0 | 895.8 |
| 55° | 2048.1 | 1943.4 | 1704.4 | 1387.3 | 1166.7 | 1078.4 | 1071.3 | 1069.2 | 1036.4 | 985.1 | 972.7 |
| 57.5° | 2129.2 | 2033.7 | 1731.0 | 1386.3 | 1206.7 | 1155.4 | 1159.5 | 1188.2 | 1174.9 | 1093.8 | 1078.4 |
| 58° | 2107.6 | 2000.9 | 1686.9 | 1403.7 | 1200.5 | 1159.5 | 1174.9 | 1214.9 | 1199.5 | 1120.5 | 1104.1 |
| 60° | 1939.3 | 1882.9 | 1521.7 | 1323.7 | 1198.5 | 1175.9 | 1246.7 | 1321.6 | 1327.8 | 1240.6 | 1227.2 |
| 62.5° | 1551.5 | 1502.2 | 1259.0 | 1163.6 | 1103.1 | 1189.3 | 1325.7 | 1442.7 | 1440.7 | 1339.1 | 1315.5 |
| 65° | 817.8 | 818.8 | 817.8 | 825.0 | 998.4 | 1180.0 | 1378.1 | 1535.1 | 1564.8 | 1473.5 | 1445.8 |
| 67.5° | 324.2 | 334.5 | 399.2 | 542.8 | 815.8 | 1104.1 | 1401.7 | 1617.1 | 1672.6 | 1583.3 | 1561.7 |
| 70° | 232.9 | 245.2 | 318.1 | 462.8 | 698.8 | 1038.4 | 1368.8 | 1634.6 | 1731.0 | 1665.4 | 1652.0 |
| 72.5° | 214.5 | 222.7 | 289.4 | 423.8 | 640.3 | 961.5 | 1327.8 | 1664.3 | 1765.9 | 1712.6 | 1696.2 |
| 75° | 210.4 | 215.5 | 270.9 | 387.9 | 573.6 | 872.2 | 1252.9 | 1558.7 | 1634.6 | 1581.2 | 1549.4 |
| 77.5° | 205.2 | 206.2 | 251.4 | 349.9 | 495.6 | 750.1 | 1058.9 | 1310.3 | 1310.3 | 1249.8 | 1220.0 |
| 80° | 192.9 | 190.9 | 228.8 | 306.8 | 420.7 | 610.5 | 819.9 | 962.5 | 942.0 | 898.9 | 868.1 |
| 82.5° | 181.6 | 176.5 | 208.3 | 266.8 | 358.1 | 488.4 | 601.3 | 683.4 | 658.8 | 623.9 | 604.4 |
| 85° | 167.3 | 161.1 | 186.8 | 235.0 | 299.6 | 371.5 | 455.6 | 498.7 | 475.1 | 434.0 | 425.8 |
| 87.5° | 134.4 | 133.4 | 159.0 | 201.1 | 238.1 | 294.5 | 342.7 | 358.1 | 325.3 | 284.2 | 278.1 |
| 90° | 103.6 | 106.7 | 133.4 | 166.2 | 190.9 | 226.8 | 248.3 | 237.0 | 205.2 | 177.5 | 170.3 |
| 92.5° | 83.1 | 87.2 | 111.8 | 136.5 | 156.0 | 168.3 | 172.4 | 158.0 | 141.6 | 126.2 | 122.1 |
| 95° | 77.0 | 78.0 | 96.5 | 115.9 | 126.2 | 130.3 | 125.2 | 113.9 | 105.7 | 97.5 | 94.4 |
| 97.5° | 79.0 | 79.0 | 90.3 | 102.6 | 106.7 | 104.7 | 98.5 | 88.2 | 82.1 | 75.9 | 72.9 |
| 100° | 82.1 | 80.0 | 85.2 | 92.3 | 90.3 | 87.2 | 81.1 | 71.8 | 65.7 | 59.5 | 57.5 |
| 102.5° | 79.0 | 75.9 | 77.0 | 81.1 | 78.0 | 74.9 | 68.7 | 60.5 | 53.4 | 47.2 | 46.2 |
| 105° | 73.9 | 70.8 | 68.7 | 70.8 | 68.7 | 65.7 | 60.5 | 51.3 | 44.1 | 38.0 | 36.9 |
| 107.5° | 68.7 | 65.7 | 62.6 | 62.6 | 61.6 | 58.5 | 52.3 | 45.1 | 36.9 | 30.8 | 30.8 |



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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110° | 65.7 | 61.6 | 57.5 | 55.4 | 54.4 | 51.3 | 46.2 | 39.0 | 30.8 | 25.7 | 25.7 |
| 112.5° | 63.6 | 59.5 | 53.4 | 50.3 | 48.2 | 46.2 | 42.1 | 34.9 | 26.7 | 22.6 | 21.5 |
| 115° | 60.5 | 56.4 | 50.3 | 47.2 | 44.1 | 42.1 | 38.0 | 31.8 | 23.6 | 20.5 | 19.5 |
| 117.5° | 61.6 | 56.4 | 50.3 | 46.2 | 42.1 | 39.0 | 34.9 | 28.7 | 20.5 | 18.5 | 18.5 |
| 120° | 61.6 | 56.4 | 49.3 | 44.1 | 41.0 | 36.9 | 32.8 | 24.6 | 18.5 | 17.4 | 17.4 |
| 122.5° | 59.5 | 56.4 | 49.3 | 43.1 | 39.0 | 35.9 | 29.8 | 21.5 | 16.4 | 16.4 | 16.4 |
| 125° | 58.5 | 55.4 | 50.3 | 44.1 | 39.0 | 33.9 | 27.7 | 18.5 | 16.4 | 15.4 | 15.4 |
| 127.5° | 57.5 | 54.4 | 49.3 | 43.1 | 36.9 | 31.8 | 23.6 | 16.4 | 15.4 | 15.4 | 15.4 |
| 130° | 54.4 | 52.3 | 47.2 | 41.0 | 34.9 | 28.7 | 19.5 | 14.4 | 13.3 | 14.4 | 14.4 |
| 132.5° | 51.3 | 49.3 | 44.1 | 38.0 | 30.8 | 23.6 | 16.4 | 13.3 | 12.3 | 13.3 | 13.3 |
| 135° | 47.2 | 45.1 | 40.0 | 33.9 | 26.7 | 20.5 | 13.3 | 11.3 | 11.3 | 11.3 | 11.3 |
| 137.5° | 43.1 | 43.1 | 38.0 | 29.8 | 23.6 | 16.4 | 10.3 | 9.2 | 9.2 | 10.3 | 10.3 |
| 140° | 39.0 | 39.0 | 33.9 | 26.7 | 19.5 | 12.3 | 8.2 | 8.2 | 8.2 | 9.2 | 9.2 |
| 142.5° | 34.9 | 34.9 | 29.8 | 22.6 | 15.4 | 8.2 | 6.2 | 6.2 | 7.2 | 7.2 | 7.2 |
| 145° | 29.8 | 28.7 | 24.6 | 17.4 | 10.3 | 5.1 | 5.1 | 5.1 | 5.1 | 6.2 | 6.2 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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)