

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: P182334

Luminaire Tested: **LXT-F02-LED-E-U-ASYM-BK-8030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P182334  
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: LXT-F02-LED-E-U-ASYM-BK-8030  
Description: LEXINGTON LED OUTDOOR LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - ASYMMETRIC  
Light Source: (14) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3685.6 lumens  
Efficiency: N/A  
Efficacy: 67.0 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: B2 - U3 - G2

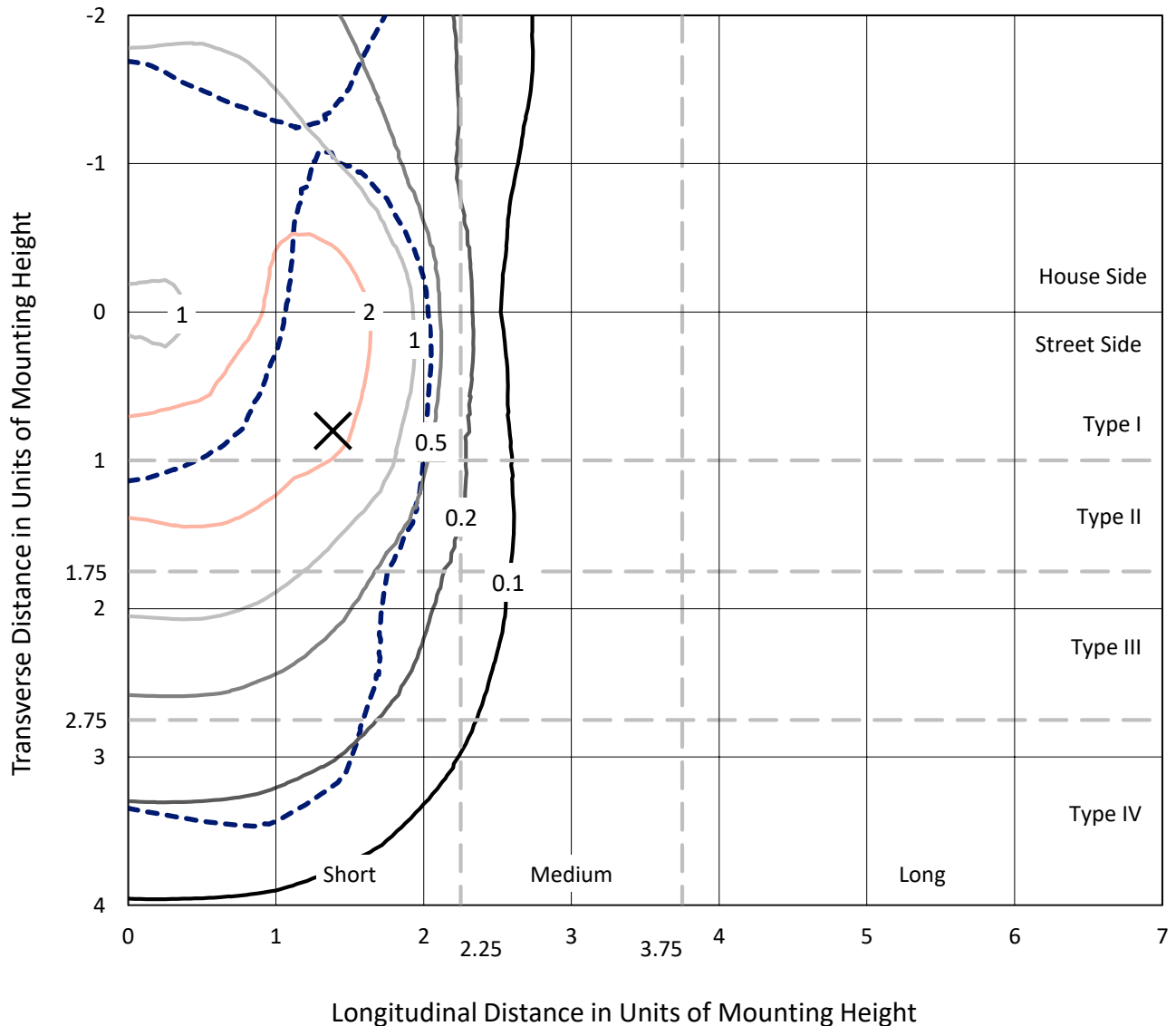
Input Watts (W): 55  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

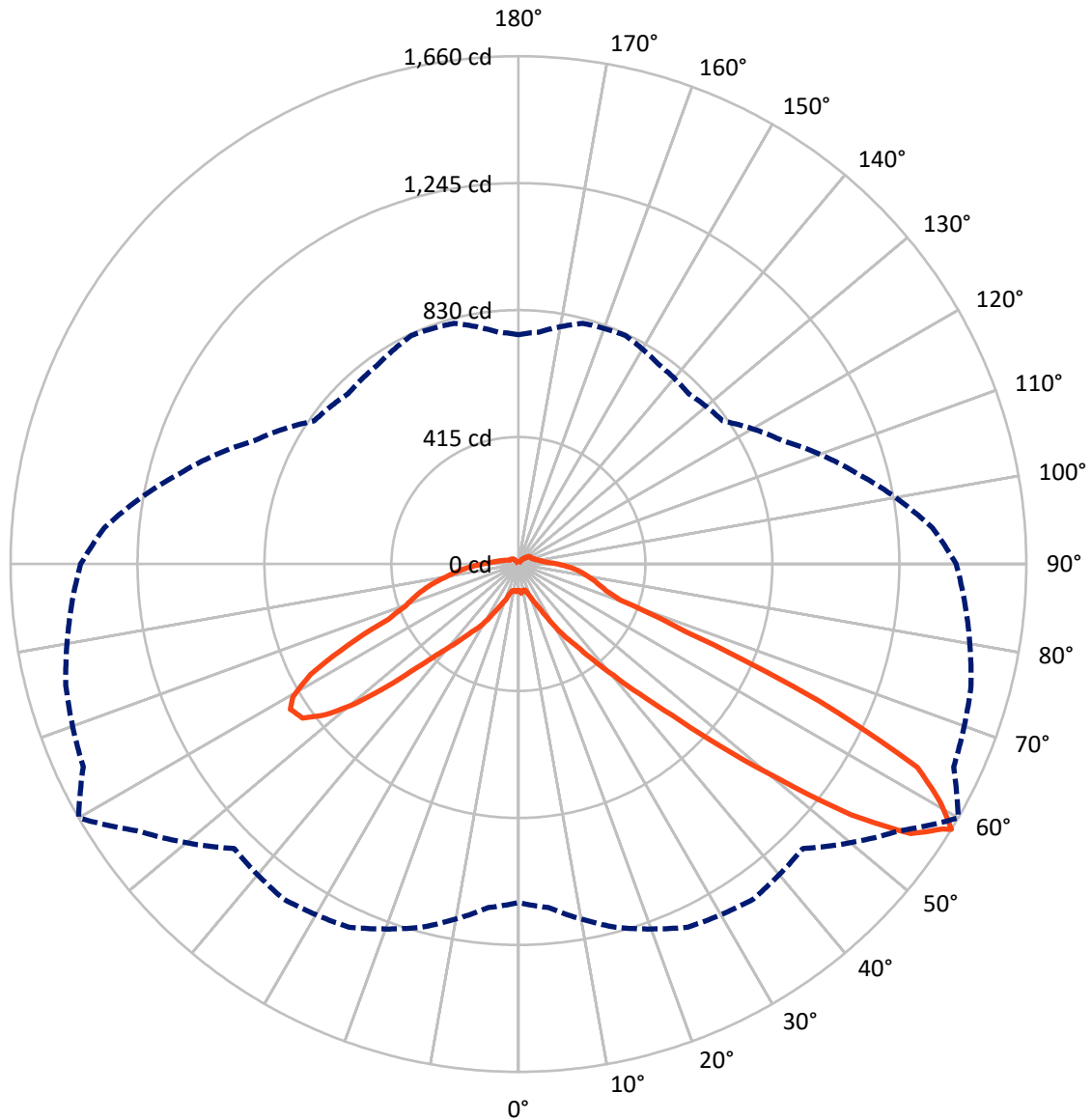
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.1 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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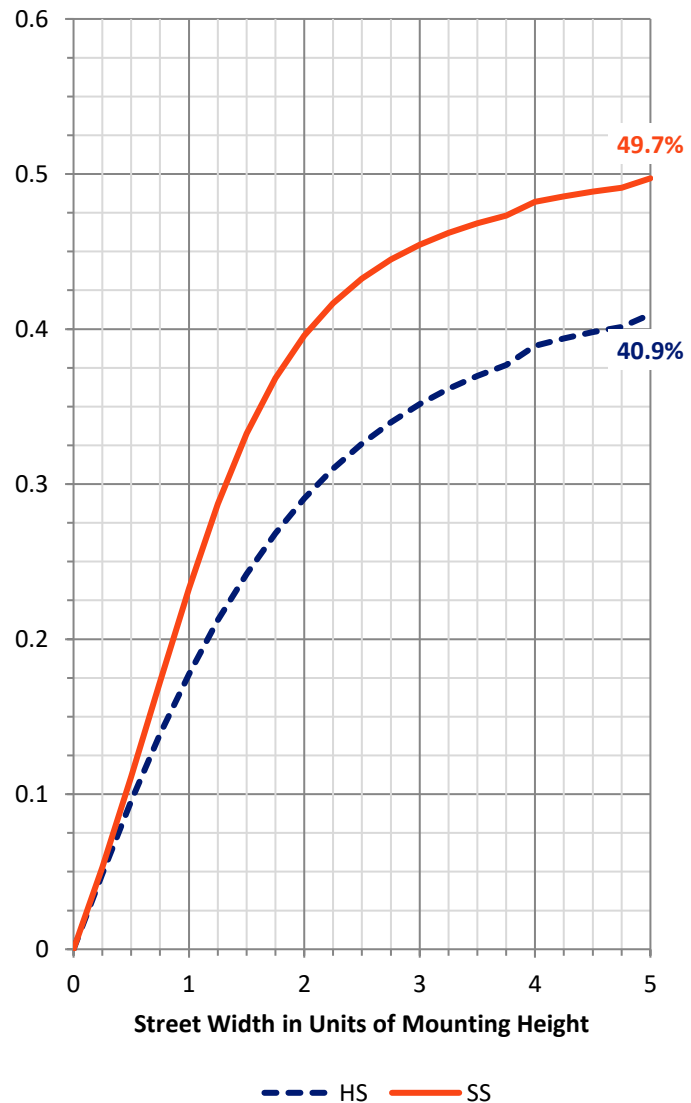
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1576.1   | 98.1   | 1674.2 |
|                    | % Fixture | 42.8     | 2.7    | 45.4   |
| <b>Street Side</b> | Lumens    | 1903.9   | 107.6  | 2011.4 |
|                    | % Fixture | 51.7     | 2.9    | 54.6   |
| <b>Total</b>       | Lumens    | 3480.0   | 205.7  | 3685.6 |
|                    | % Fixture | 94.4     | 5.6    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 8.7    | 0.2       |
| 10°-20°   | 31.1   | 0.8       |
| 20°-30°   | 83.3   | 2.3       |
| 30°-40°   | 202.0  | 5.5       |
| 40°-50°   | 473.9  | 12.9      |
| 50°-60°   | 948.0  | 25.7      |
| 60°-70°   | 914.6  | 24.8      |
| 70°-80°   | 564.4  | 15.3      |
| 80°-90°   | 253.9  | 6.9       |
| 90°-100°  | 86.9   | 2.4       |
| 100°-110° | 46.6   | 1.3       |
| 110°-120° | 31.0   | 0.8       |
| 120°-130° | 23.1   | 0.6       |
| 130°-140° | 13.8   | 0.4       |
| 140°-150° | 4.3    | 0.1       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 3480.0 | 94.4      |
| 0°-180°   | 3685.6 | 100.0     |



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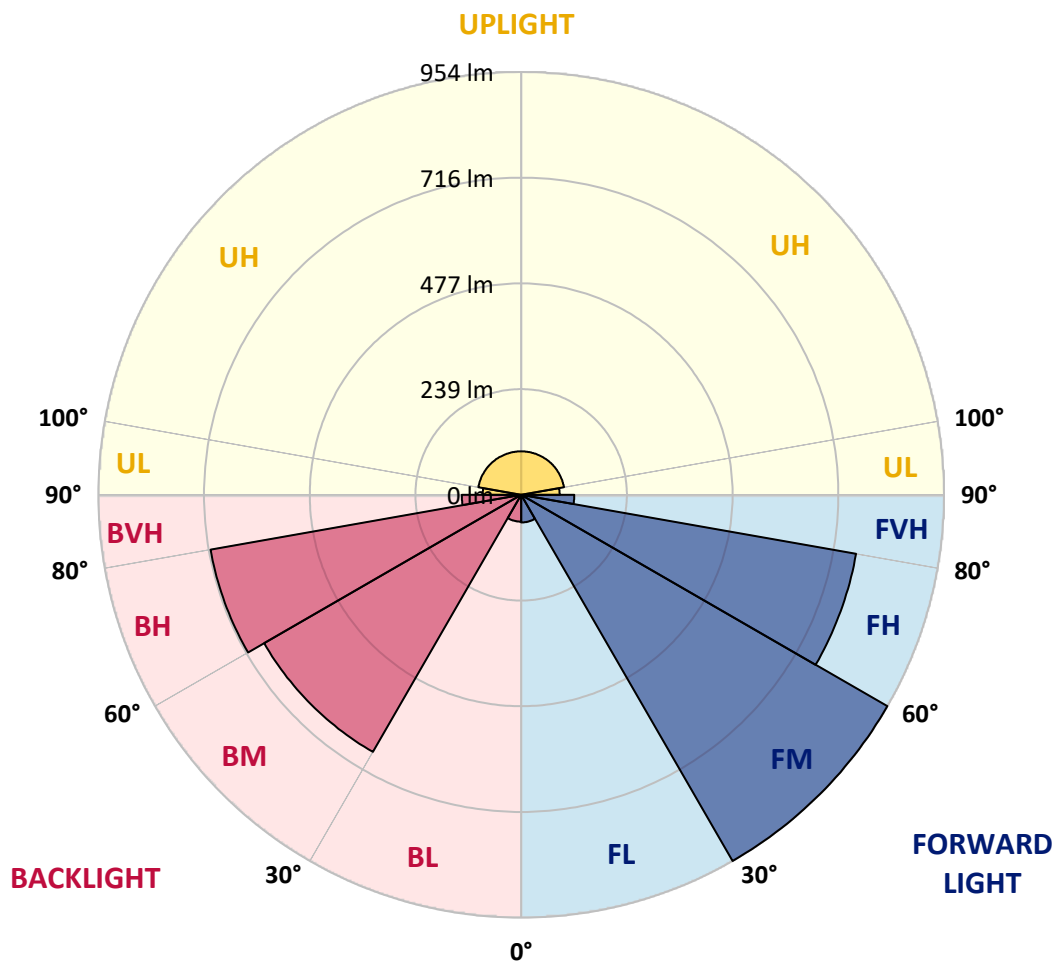
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 62.4   | 1.7       |                         |        |         |
| FM   | (30°-60°)   | 954.2  | 25.9      |                         |        |         |
| FH   | (60°-80°)   | 767.4  | 20.8      |                         |        | G1/1800 |
| FVH  | (80°-90°)   | 119.9  | 3.3       |                         |        | G2/225  |
| BL   | (0°-30°)    | 60.6   | 1.6       | B0/110                  |        |         |
| BM   | (30°-60°)   | 669.8  | 18.2      | B1/1000                 |        |         |
| BH   | (60°-80°)   | 711.7  | 19.3      | B2/1000                 |        | G2/1000 |
| BVH  | (80°-90°)   | 134.1  | 3.6       |                         |        | G2/225  |
| UL   | (90°-100°)  | 86.9   | 2.4       |                         | U3/500 |         |
| UH   | (100°-180°) | 98.1   | 2.7       |                         | U3/500 |         |

**BUG Rating: B2-U3-G2**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 60°    | 65°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 87.1   | 87.1   | 87.1   | 87.1   | 87.1   | 87.1   | 87.1   | 87.1   | 87.1   | 87.1   | 87.1   |
| 2.5°   | 96.1   | 95.5   | 92.7   | 91.3   | 89.2   | 88.5   | 87.1   | 87.1   | 86.4   | 83.6   | 82.9   |
| 5°     | 92.0   | 91.3   | 87.8   | 86.4   | 89.2   | 92.0   | 94.1   | 96.1   | 94.1   | 90.6   | 85.7   |
| 7.5°   | 98.2   | 98.9   | 94.8   | 97.5   | 101.0  | 90.6   | 88.5   | 90.6   | 91.3   | 90.6   | 85.7   |
| 10°    | 104.5  | 102.4  | 98.9   | 98.9   | 96.1   | 96.8   | 92.7   | 89.2   | 88.5   | 84.3   | 82.9   |
| 12.5°  | 110.8  | 107.3  | 110.1  | 110.8  | 105.9  | 96.1   | 88.5   | 87.1   | 85.7   | 84.3   | 85.0   |
| 15°    | 135.2  | 125.4  | 128.9  | 117.7  | 110.8  | 98.2   | 92.0   | 91.3   | 90.6   | 90.6   | 91.3   |
| 17.5°  | 140.7  | 133.1  | 138.7  | 135.9  | 117.7  | 108.0  | 102.4  | 101.7  | 100.3  | 100.3  | 101.7  |
| 20°    | 158.9  | 158.9  | 161.6  | 147.7  | 133.1  | 126.1  | 119.1  | 117.7  | 115.7  | 115.7  | 119.8  |
| 22.5°  | 179.1  | 172.1  | 174.2  | 164.4  | 158.2  | 150.5  | 142.1  | 136.6  | 132.4  | 133.8  | 133.8  |
| 25°    | 191.6  | 193.7  | 195.8  | 190.2  | 183.9  | 174.9  | 166.5  | 159.6  | 156.1  | 154.0  | 151.2  |
| 27.5°  | 227.8  | 228.5  | 227.8  | 222.3  | 217.4  | 206.9  | 200.0  | 195.1  | 191.6  | 183.2  | 180.5  |
| 30°    | 266.2  | 268.2  | 268.2  | 261.3  | 255.7  | 243.2  | 241.1  | 239.7  | 233.4  | 220.9  | 217.4  |
| 32.5°  | 310.7  | 312.1  | 312.8  | 308.0  | 296.1  | 296.1  | 292.6  | 287.1  | 284.3  | 264.1  | 248.7  |
| 35°    | 365.1  | 367.2  | 366.5  | 362.3  | 350.5  | 335.8  | 333.7  | 330.9  | 328.9  | 312.1  | 300.3  |
| 37.5°  | 422.9  | 424.3  | 429.9  | 420.1  | 404.1  | 393.0  | 402.7  | 399.9  | 399.2  | 374.1  | 352.5  |
| 40°    | 484.9  | 487.0  | 496.8  | 488.4  | 473.1  | 468.9  | 477.3  | 478.0  | 478.7  | 456.4  | 433.4  |
| 42.5°  | 560.9  | 561.6  | 569.2  | 567.8  | 556.0  | 549.7  | 565.1  | 579.7  | 581.8  | 547.6  | 518.4  |
| 45°    | 662.6  | 663.3  | 680.0  | 668.9  | 657.7  | 634.7  | 693.9  | 703.7  | 727.4  | 693.9  | 683.5  |
| 47.5°  | 761.5  | 765.0  | 788.0  | 784.5  | 776.2  | 776.2  | 889.0  | 891.1  | 953.1  | 956.6  | 913.4  |
| 50°    | 848.6  | 859.1  | 900.2  | 917.6  | 944.1  | 960.8  | 1115.5 | 1105.0 | 1171.2 | 1169.1 | 1107.8 |
| 52.5°  | 955.2  | 967.1  | 1008.9 | 1054.9 | 1093.2 | 1127.3 | 1290.4 | 1362.1 | 1357.9 | 1368.4 | 1303.6 |
| 55°    | 1022.1 | 1039.5 | 1126.6 | 1194.9 | 1190.0 | 1254.8 | 1447.1 | 1555.8 | 1499.4 | 1511.2 | 1443.6 |
| 57.5°  | 1094.6 | 1112.7 | 1212.3 | 1290.4 | 1314.0 | 1327.3 | 1520.3 | 1634.5 | 1547.4 | 1521.0 | 1495.9 |
| 58°    | 1107.1 | 1127.3 | 1229.7 | 1309.9 | 1337.7 | 1314.7 | 1520.3 | 1660.3 | 1569.7 | 1532.1 | 1465.2 |
| 60°    | 1147.5 | 1168.4 | 1278.5 | 1371.2 | 1376.7 | 1347.5 | 1554.4 | 1586.5 | 1500.8 | 1411.6 | 1365.6 |
| 62.5°  | 1199.1 | 1223.5 | 1326.6 | 1359.3 | 1376.1 | 1291.7 | 1424.1 | 1463.1 | 1321.0 | 1230.4 | 1118.3 |
| 65°    | 1171.2 | 1199.8 | 1317.5 | 1339.8 | 1250.6 | 1191.4 | 1177.5 | 1080.6 | 922.5  | 705.1  | 615.2  |
| 67.5°  | 1117.6 | 1144.7 | 1228.3 | 1221.4 | 1089.7 | 859.1  | 741.3  | 591.5  | 447.3  | 281.5  | 235.5  |
| 70°    | 1003.3 | 1027.7 | 1101.5 | 1056.3 | 896.0  | 608.3  | 433.4  | 353.9  | 289.1  | 207.6  | 172.1  |
| 72.5°  | 852.1  | 873.0  | 925.3  | 882.8  | 725.3  | 505.1  | 349.1  | 300.3  | 256.4  | 190.2  | 160.2  |
| 75°    | 712.1  | 723.9  | 769.2  | 741.3  | 609.6  | 438.9  | 314.9  | 273.1  | 236.9  | 183.9  | 160.2  |
| 77.5°  | 607.6  | 613.1  | 641.0  | 618.7  | 523.2  | 384.6  | 287.1  | 250.8  | 221.6  | 174.2  | 154.0  |
| 80°    | 475.2  | 482.1  | 511.4  | 516.3  | 435.5  | 338.6  | 256.4  | 225.0  | 202.1  | 159.6  | 141.4  |
| 82.5°  | 359.5  | 364.4  | 393.0  | 402.0  | 358.1  | 285.7  | 227.8  | 202.8  | 182.5  | 145.6  | 133.1  |
| 85°    | 243.9  | 245.3  | 274.5  | 297.5  | 279.4  | 235.5  | 200.0  | 177.7  | 160.9  | 131.0  | 120.5  |
| 87.5°  | 157.5  | 158.2  | 178.4  | 202.8  | 208.3  | 188.1  | 167.2  | 149.1  | 135.2  | 108.0  | 94.1   |
| 90°    | 108.0  | 109.4  | 121.2  | 138.0  | 150.5  | 147.0  | 136.6  | 121.2  | 110.1  | 85.0   | 70.4   |
| 92.5°  | 80.8   | 81.5   | 88.5   | 99.6   | 109.4  | 113.6  | 108.7  | 97.5   | 86.4   | 66.2   | 54.3   |
| 95°    | 64.1   | 63.4   | 69.0   | 77.3   | 85.7   | 92.0   | 91.3   | 82.2   | 72.5   | 55.7   | 48.8   |
| 97.5°  | 52.3   | 52.3   | 57.1   | 62.7   | 70.4   | 78.7   | 80.1   | 73.9   | 66.9   | 53.6   | 50.2   |
| 100°   | 44.6   | 44.6   | 47.4   | 53.0   | 59.9   | 68.3   | 71.8   | 67.6   | 63.4   | 52.3   | 52.3   |
| 102.5° | 37.6   | 37.6   | 39.7   | 45.3   | 52.3   | 60.6   | 64.1   | 61.3   | 58.5   | 48.8   | 50.2   |
| 105°   | 31.4   | 31.4   | 33.4   | 38.3   | 46.7   | 54.3   | 57.8   | 56.4   | 54.3   | 43.9   | 47.4   |
| 107.5° | 25.8   | 25.8   | 27.9   | 33.4   | 41.8   | 50.9   | 54.3   | 53.6   | 51.6   | 42.5   | 45.3   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15°  | 25°  | 35°  | 45°  | 55°  | 60°  | 65°  | 75°  | 85°  |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110°   | 21.6 | 21.6 | 23.7 | 30.0 | 37.6 | 45.3 | 50.9 | 50.2 | 48.8 | 43.9 | 44.6 |
| 112.5° | 18.1 | 18.1 | 20.2 | 27.2 | 34.8 | 41.8 | 46.7 | 47.4 | 46.0 | 45.3 | 43.2 |
| 115°   | 16.0 | 16.0 | 17.4 | 25.1 | 33.4 | 41.1 | 46.0 | 46.7 | 45.3 | 45.3 | 41.8 |
| 117.5° | 14.6 | 14.6 | 16.0 | 23.0 | 31.4 | 39.0 | 44.6 | 46.7 | 46.7 | 46.7 | 43.9 |
| 120°   | 13.9 | 13.9 | 14.6 | 20.9 | 28.6 | 35.5 | 41.8 | 44.6 | 45.3 | 46.7 | 44.6 |
| 122.5° | 13.2 | 13.2 | 13.2 | 18.1 | 26.5 | 32.7 | 40.4 | 43.9 | 43.9 | 46.0 | 42.5 |
| 125°   | 12.5 | 12.5 | 12.5 | 15.3 | 24.4 | 32.0 | 38.3 | 41.8 | 42.5 | 44.6 | 41.1 |
| 127.5° | 11.8 | 11.8 | 11.8 | 13.2 | 21.6 | 30.0 | 36.2 | 38.3 | 39.0 | 41.8 | 39.7 |
| 130°   | 11.1 | 11.1 | 11.1 | 11.1 | 18.1 | 26.5 | 32.0 | 33.4 | 34.8 | 37.6 | 36.9 |
| 132.5° | 10.5 | 10.5 | 9.8  | 9.8  | 15.3 | 22.3 | 27.9 | 28.6 | 30.7 | 34.1 | 34.8 |
| 135°   | 9.1  | 9.1  | 8.4  | 8.4  | 11.1 | 18.8 | 24.4 | 25.8 | 27.9 | 30.0 | 31.4 |
| 137.5° | 7.7  | 7.7  | 7.0  | 7.0  | 7.7  | 15.3 | 20.9 | 22.3 | 25.1 | 27.9 | 29.3 |
| 140°   | 6.3  | 6.3  | 6.3  | 5.6  | 5.6  | 11.1 | 17.4 | 19.5 | 22.3 | 25.1 | 26.5 |
| 142.5° | 5.6  | 4.9  | 4.9  | 4.9  | 4.9  | 7.0  | 13.2 | 16.7 | 18.8 | 22.3 | 23.7 |
| 145°   | 4.2  | 4.2  | 4.2  | 3.5  | 3.5  | 4.2  | 9.1  | 11.8 | 13.9 | 18.1 | 19.5 |
| 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  |





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**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°   | 115°  | 125°  | 135°  | 145°  | 155°   | 165°   | 175°   | 180°   |
|--------|--------|--------|--------|-------|-------|-------|-------|--------|--------|--------|--------|
| 0°     | 87.1   | 87.1   | 87.1   | 87.1  | 87.1  | 87.1  | 87.1  | 87.1   | 87.1   | 87.1   | 87.1   |
| 2.5°   | 82.2   | 83.6   | 85.7   | 85.7  | 86.4  | 86.4  | 86.4  | 88.5   | 90.6   | 90.6   | 90.6   |
| 5°     | 87.1   | 88.5   | 90.6   | 91.3  | 89.9  | 87.8  | 85.7  | 85.7   | 89.9   | 92.0   | 92.0   |
| 7.5°   | 85.7   | 87.8   | 89.2   | 88.5  | 87.1  | 90.6  | 96.8  | 92.7   | 89.9   | 92.7   | 92.7   |
| 10°    | 84.3   | 85.0   | 84.3   | 88.5  | 94.1  | 93.4  | 92.0  | 96.1   | 96.1   | 99.6   | 104.5  |
| 12.5°  | 85.7   | 86.4   | 86.4   | 87.8  | 89.9  | 94.8  | 103.8 | 104.5  | 103.1  | 103.1  | 104.5  |
| 15°    | 91.3   | 92.0   | 92.0   | 92.7  | 94.1  | 97.5  | 109.4 | 118.4  | 126.1  | 122.6  | 129.6  |
| 17.5°  | 102.4  | 103.8  | 103.8  | 104.5 | 104.5 | 110.1 | 117.7 | 128.9  | 137.3  | 136.6  | 139.3  |
| 20°    | 121.2  | 121.2  | 121.2  | 121.2 | 124.0 | 130.3 | 135.2 | 144.2  | 152.6  | 151.2  | 148.4  |
| 22.5°  | 133.1  | 131.7  | 133.8  | 133.1 | 142.8 | 149.1 | 156.8 | 162.3  | 170.0  | 171.4  | 169.3  |
| 25°    | 151.2  | 150.5  | 149.8  | 151.2 | 160.2 | 169.3 | 179.8 | 186.0  | 190.9  | 192.3  | 192.3  |
| 27.5°  | 178.4  | 175.6  | 174.2  | 178.4 | 184.6 | 194.4 | 202.8 | 209.7  | 216.7  | 218.8  | 218.1  |
| 30°    | 213.9  | 210.4  | 204.8  | 215.3 | 211.8 | 220.2 | 227.8 | 237.6  | 245.9  | 248.7  | 248.0  |
| 32.5°  | 243.2  | 236.9  | 231.3  | 241.8 | 245.3 | 248.0 | 256.4 | 268.2  | 278.7  | 281.5  | 280.8  |
| 35°    | 285.0  | 275.9  | 265.5  | 266.8 | 270.3 | 274.5 | 289.1 | 301.0  | 308.7  | 311.4  | 310.0  |
| 37.5°  | 333.7  | 324.0  | 308.0  | 303.1 | 307.3 | 306.6 | 319.8 | 335.8  | 344.2  | 344.9  | 343.5  |
| 40°    | 403.4  | 397.1  | 369.3  | 356.7 | 340.0 | 341.4 | 353.9 | 372.8  | 381.8  | 385.3  | 382.5  |
| 42.5°  | 482.8  | 471.7  | 438.2  | 405.5 | 393.0 | 382.5 | 393.0 | 415.3  | 429.2  | 432.7  | 428.5  |
| 45°    | 659.8  | 629.8  | 571.3  | 506.5 | 443.1 | 428.5 | 439.6 | 467.5  | 479.4  | 476.6  | 471.7  |
| 47.5°  | 873.0  | 819.4  | 731.6  | 627.8 | 544.8 | 487.0 | 495.4 | 521.9  | 535.8  | 534.4  | 529.5  |
| 50°    | 1053.5 | 1003.3 | 872.3  | 758.7 | 645.2 | 571.3 | 560.9 | 595.0  | 598.5  | 576.9  | 572.0  |
| 52.5°  | 1252.7 | 1197.7 | 1054.9 | 875.1 | 726.7 | 663.3 | 646.6 | 666.1  | 647.3  | 613.1  | 608.3  |
| 55°    | 1390.7 | 1319.6 | 1157.3 | 942.0 | 792.2 | 732.3 | 727.4 | 726.0  | 703.7  | 668.9  | 660.5  |
| 57.5°  | 1445.7 | 1380.9 | 1175.4 | 941.3 | 819.4 | 784.5 | 787.3 | 806.8  | 797.8  | 742.7  | 732.3  |
| 58°    | 1431.1 | 1358.6 | 1145.4 | 953.1 | 815.2 | 787.3 | 797.8 | 824.9  | 814.5  | 760.8  | 749.7  |
| 60°    | 1316.8 | 1278.5 | 1033.3 | 898.8 | 813.8 | 798.5 | 846.5 | 897.4  | 901.6  | 842.4  | 833.3  |
| 62.5°  | 1053.5 | 1020.0 | 854.9  | 790.1 | 749.0 | 807.5 | 900.2 | 979.6  | 978.2  | 909.2  | 893.2  |
| 65°    | 555.3  | 556.0  | 555.3  | 560.2 | 677.9 | 801.2 | 935.7 | 1042.3 | 1062.5 | 1000.5 | 981.7  |
| 67.5°  | 220.2  | 227.1  | 271.0  | 368.6 | 553.9 | 749.7 | 951.7 | 1098.1 | 1135.7 | 1075.1 | 1060.4 |
| 70°    | 158.2  | 166.5  | 216.0  | 314.2 | 474.5 | 705.1 | 929.4 | 1109.9 | 1175.4 | 1130.8 | 1121.7 |
| 72.5°  | 145.6  | 151.2  | 196.5  | 287.8 | 434.8 | 652.8 | 901.6 | 1130.1 | 1199.1 | 1162.9 | 1151.7 |
| 75°    | 142.8  | 146.3  | 183.9  | 263.4 | 389.5 | 592.2 | 850.7 | 1058.3 | 1109.9 | 1073.7 | 1052.1 |
| 77.5°  | 139.3  | 140.0  | 170.7  | 237.6 | 336.5 | 509.3 | 719.0 | 889.7  | 889.7  | 848.6  | 828.4  |
| 80°    | 131.0  | 129.6  | 155.4  | 208.3 | 285.7 | 414.6 | 556.7 | 653.5  | 639.6  | 610.3  | 589.4  |
| 82.5°  | 123.3  | 119.8  | 141.4  | 181.2 | 243.2 | 331.6 | 408.3 | 464.0  | 447.3  | 423.6  | 410.4  |
| 85°    | 113.6  | 109.4  | 126.8  | 159.6 | 203.4 | 252.2 | 309.4 | 338.6  | 322.6  | 294.7  | 289.1  |
| 87.5°  | 91.3   | 90.6   | 108.0  | 136.6 | 161.6 | 200.0 | 232.7 | 243.2  | 220.9  | 193.0  | 188.8  |
| 90°    | 70.4   | 72.5   | 90.6   | 112.9 | 129.6 | 154.0 | 168.6 | 160.9  | 139.3  | 120.5  | 115.7  |
| 92.5°  | 56.4   | 59.2   | 75.9   | 92.7  | 105.9 | 114.3 | 117.1 | 107.3  | 96.1   | 85.7   | 82.9   |
| 95°    | 52.3   | 53.0   | 65.5   | 78.7  | 85.7  | 88.5  | 85.0  | 77.3   | 71.8   | 66.2   | 64.1   |
| 97.5°  | 53.6   | 53.6   | 61.3   | 69.7  | 72.5  | 71.1  | 66.9  | 59.9   | 55.7   | 51.6   | 49.5   |
| 100°   | 55.7   | 54.3   | 57.8   | 62.7  | 61.3  | 59.2  | 55.0  | 48.8   | 44.6   | 40.4   | 39.0   |
| 102.5° | 53.6   | 51.6   | 52.3   | 55.0  | 53.0  | 50.9  | 46.7  | 41.1   | 36.2   | 32.0   | 31.4   |
| 105°   | 50.2   | 48.1   | 46.7   | 48.1  | 46.7  | 44.6  | 41.1  | 34.8   | 30.0   | 25.8   | 25.1   |
| 107.5° | 46.7   | 44.6   | 42.5   | 42.5  | 41.8  | 39.7  | 35.5  | 30.7   | 25.1   | 20.9   | 20.9   |



REPORT NUMBER: P182334

CATALOG NUMBER: LXT-F02-LED-E-U-ASYM-BK-8030

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110°   | 44.6 | 41.8 | 39.0 | 37.6 | 36.9 | 34.8 | 31.4 | 26.5 | 20.9 | 17.4 | 17.4 |
| 112.5° | 43.2 | 40.4 | 36.2 | 34.1 | 32.7 | 31.4 | 28.6 | 23.7 | 18.1 | 15.3 | 14.6 |
| 115°   | 41.1 | 38.3 | 34.1 | 32.0 | 30.0 | 28.6 | 25.8 | 21.6 | 16.0 | 13.9 | 13.2 |
| 117.5° | 41.8 | 38.3 | 34.1 | 31.4 | 28.6 | 26.5 | 23.7 | 19.5 | 13.9 | 12.5 | 12.5 |
| 120°   | 41.8 | 38.3 | 33.4 | 30.0 | 27.9 | 25.1 | 22.3 | 16.7 | 12.5 | 11.8 | 11.8 |
| 122.5° | 40.4 | 38.3 | 33.4 | 29.3 | 26.5 | 24.4 | 20.2 | 14.6 | 11.1 | 11.1 | 11.1 |
| 125°   | 39.7 | 37.6 | 34.1 | 30.0 | 26.5 | 23.0 | 18.8 | 12.5 | 11.1 | 10.5 | 10.5 |
| 127.5° | 39.0 | 36.9 | 33.4 | 29.3 | 25.1 | 21.6 | 16.0 | 11.1 | 10.5 | 10.5 | 10.5 |
| 130°   | 36.9 | 35.5 | 32.0 | 27.9 | 23.7 | 19.5 | 13.2 | 9.8  | 9.1  | 9.8  | 9.8  |
| 132.5° | 34.8 | 33.4 | 30.0 | 25.8 | 20.9 | 16.0 | 11.1 | 9.1  | 8.4  | 9.1  | 9.1  |
| 135°   | 32.0 | 30.7 | 27.2 | 23.0 | 18.1 | 13.9 | 9.1  | 7.7  | 7.7  | 7.7  | 7.7  |
| 137.5° | 29.3 | 29.3 | 25.8 | 20.2 | 16.0 | 11.1 | 7.0  | 6.3  | 6.3  | 7.0  | 7.0  |
| 140°   | 26.5 | 26.5 | 23.0 | 18.1 | 13.2 | 8.4  | 5.6  | 5.6  | 5.6  | 6.3  | 6.3  |
| 142.5° | 23.7 | 23.7 | 20.2 | 15.3 | 10.5 | 5.6  | 4.2  | 4.2  | 4.9  | 4.9  | 4.9  |
| 145°   | 20.2 | 19.5 | 16.7 | 11.8 | 7.0  | 3.5  | 3.5  | 3.5  | 3.5  | 4.2  | 4.2  |
| 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)