

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: INVUE

Report Number: P173441

Luminaire Tested: **ENC-FXX-LED-E1-SLR-7050-ULG-CWB**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P173441  
REPORT IS FROM IESNA LM-79-08 TEST DATA - UPLIGHT (P20107) AND DOWNLIGHT  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ENC-FXX-LED-E1-SLR-7050-ULG-CWB  
Description: ENTRI LED LUMINAIRE WITH UPLIGHT, EMERGENCY MODE  
LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT  
Light Source: (14) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1437.5 lumens  
Efficiency: N/A  
Efficacy: 261.4 lumens/watt  
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B0 - U3 - G1

Input Watts (W): 5.5  
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: 25 FT

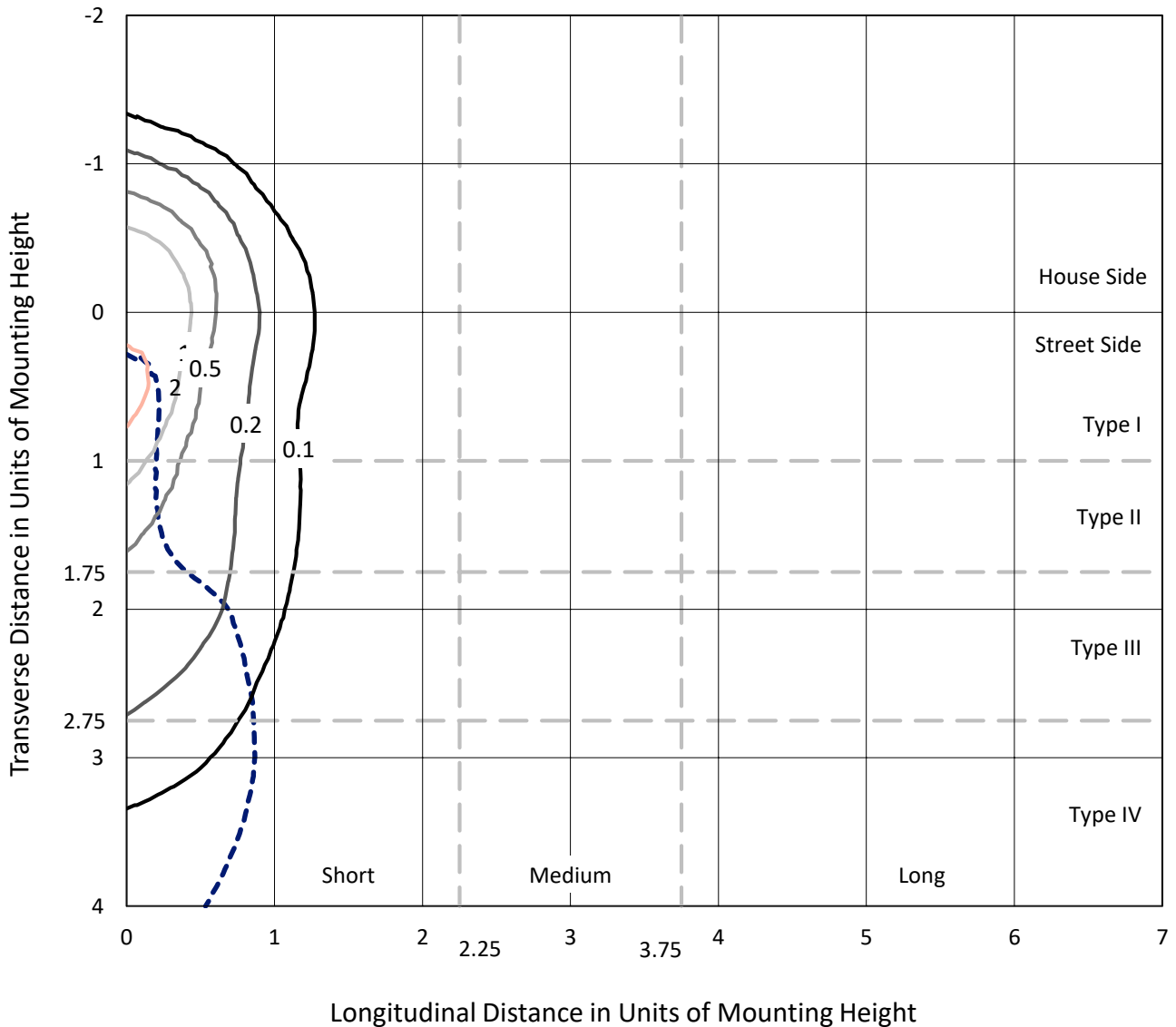


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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

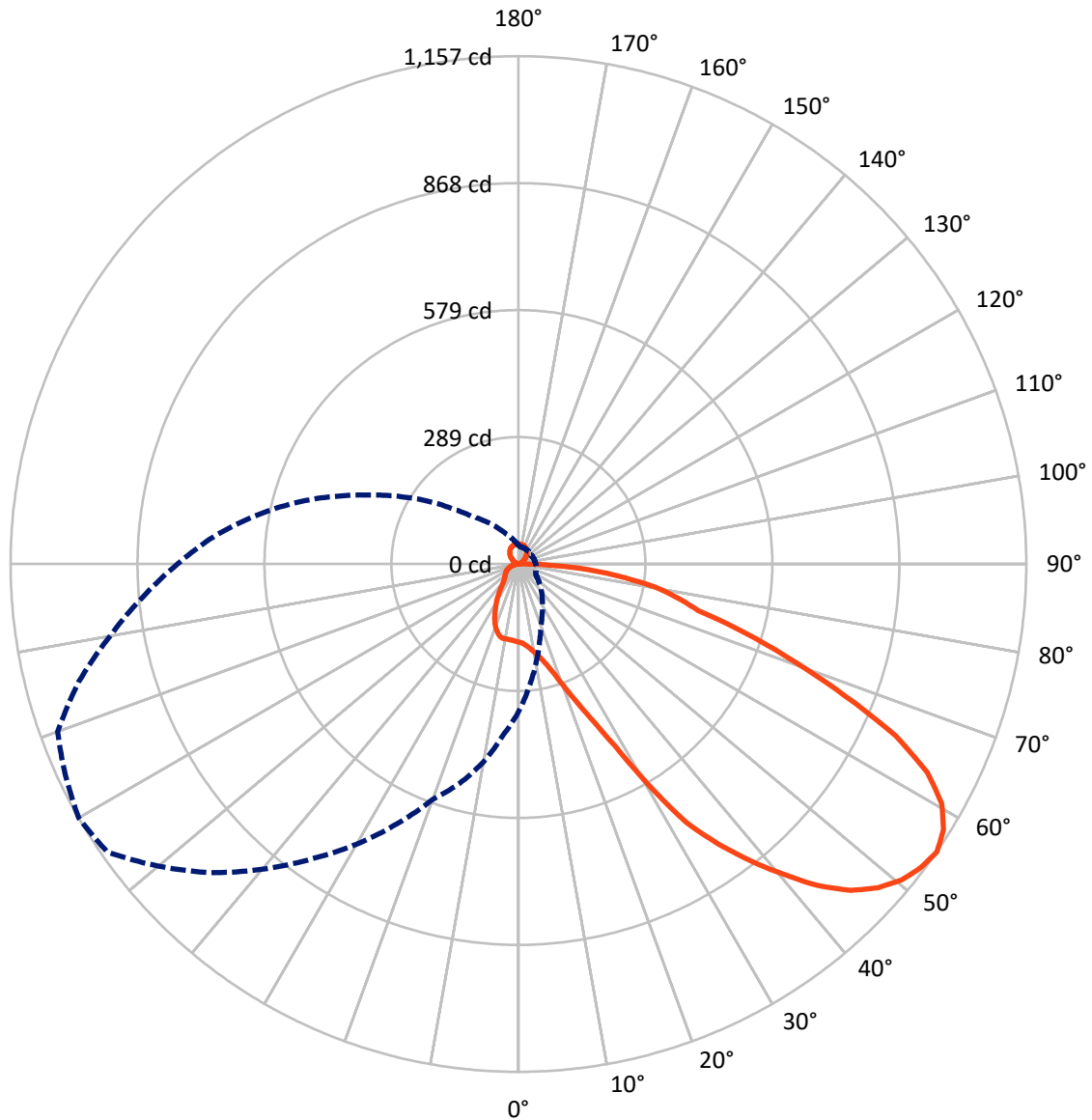


Based on 10 foot mounting height. Maximum calculated value = 2.8 fc  
 Type IV - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral      - - - Horizontal Cone Through 55-Deg Vertical

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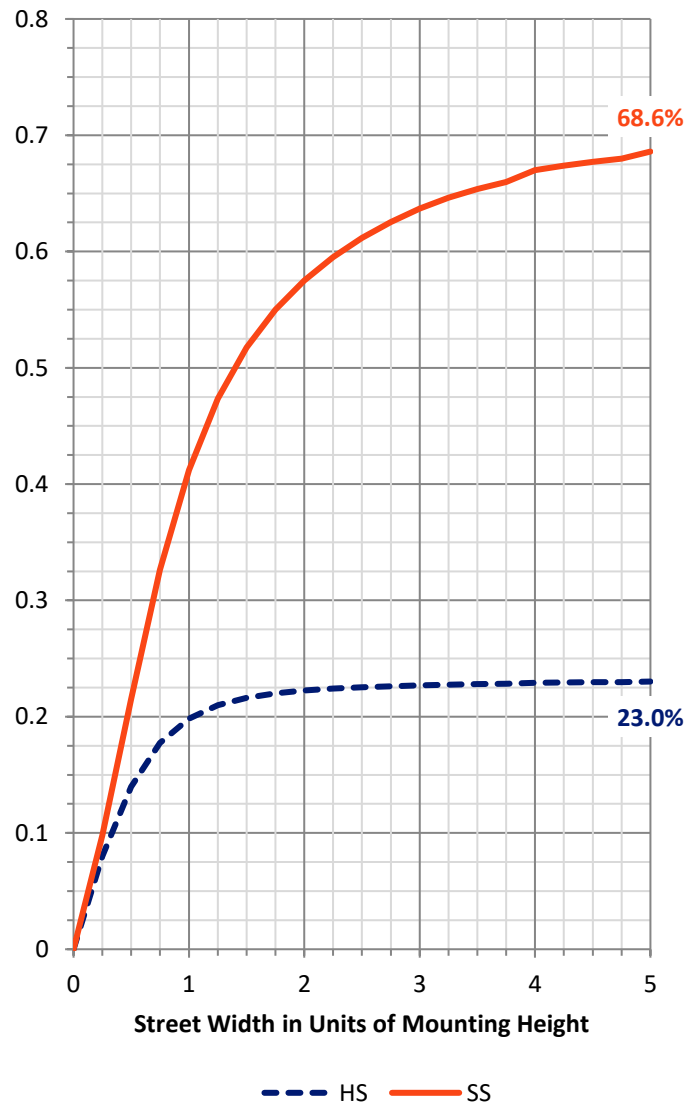
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 333.8    | 51.1   | 384.9  |
|                    | % Fixture | 23.2     | 3.6    | 26.8   |
| <b>Street Side</b> | Lumens    | 1001.6   | 51.1   | 1052.7 |
|                    | % Fixture | 69.7     | 3.6    | 73.2   |
| <b>Total</b>       | Lumens    | 1335.4   | 102.1  | 1437.5 |
|                    | % Fixture | 92.9     | 7.1    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 17.5   | 1.2       |
| 10°-20°   | 57.6   | 4.0       |
| 20°-30°   | 111.8  | 7.8       |
| 30°-40°   | 175.7  | 12.2      |
| 40°-50°   | 234.9  | 16.3      |
| 50°-60°   | 275.6  | 19.2      |
| 60°-70°   | 261.5  | 18.2      |
| 70°-80°   | 157.8  | 11.0      |
| 80°-90°   | 42.8   | 3.0       |
| 90°-100°  | 0.4    | 0.0       |
| 100°-110° | 4.0    | 0.3       |
| 110°-120° | 8.2    | 0.6       |
| 120°-130° | 13.9   | 1.0       |
| 130°-140° | 19.4   | 1.3       |
| 140°-150° | 21.2   | 1.5       |
| 150°-160° | 18.4   | 1.3       |
| 160°-170° | 12.4   | 0.9       |
| 170°-180° | 4.3    | 0.3       |
| 0°-90°    | 1335.4 | 92.9      |
| 0°-180°   | 1437.5 | 100.0     |



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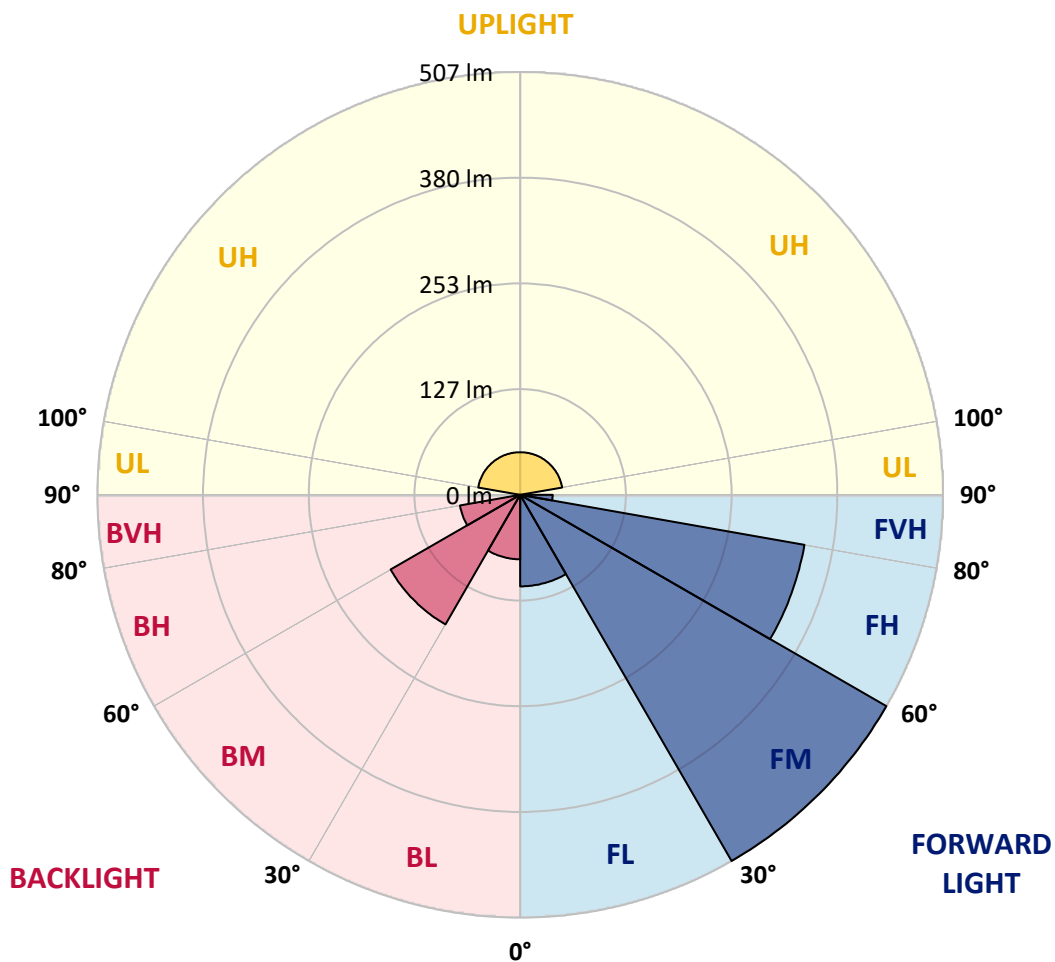
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |        |
|------|-------------|--------|-----------|-------------------------|--------|--------|
|      |             |        |           | B                       | U      | G      |
| FL   | (0°-30°)    | 109.7  | 7.6       |                         |        |        |
| FM   | (30°-60°)   | 506.9  | 35.3      |                         |        |        |
| FH   | (60°-80°)   | 346.0  | 24.1      |                         |        | G0/660 |
| FVH  | (80°-90°)   | 38.9   | 2.7       |                         |        | G1/100 |
| BL   | (0°-30°)    | 77.2   | 5.4       | B0/110                  |        |        |
| BM   | (30°-60°)   | 179.4  | 12.5      | B0/220                  |        |        |
| BH   | (60°-80°)   | 73.3   | 5.1       | B0/110                  |        | G0/110 |
| BVH  | (80°-90°)   | 3.9    | 0.3       |                         |        | G0/10  |
| UL   | (90°-100°)  | 0.4    | 0.0       |                         | U1/10  |        |
| UH   | (100°-180°) | 51.1   | 3.6       |                         | U3/500 |        |

**BUG Rating: B0-U3-G1**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 |
| 2.5°   | 181.8 | 183.2 | 181.6 | 181.8 | 181.3 | 180.7 | 181.0 | 180.7 | 180.2 | 180.2 | 179.6 |
| 5°     | 186.2 | 186.5 | 185.4 | 185.1 | 184.6 | 183.7 | 184.0 | 183.2 | 182.7 | 182.1 | 181.0 |
| 7.5°   | 191.4 | 191.1 | 189.8 | 188.9 | 188.7 | 187.3 | 187.0 | 185.9 | 185.1 | 184.3 | 182.9 |
| 10°    | 199.4 | 197.2 | 195.6 | 194.2 | 193.6 | 192.0 | 190.6 | 190.0 | 188.7 | 186.8 | 185.7 |
| 12.5°  | 210.9 | 209.5 | 206.2 | 203.5 | 201.8 | 199.7 | 197.7 | 196.4 | 194.2 | 191.4 | 190.0 |
| 15°    | 231.5 | 227.1 | 223.2 | 219.1 | 215.8 | 212.3 | 207.6 | 204.0 | 200.2 | 195.6 | 192.0 |
| 17.5°  | 258.1 | 252.6 | 246.5 | 240.0 | 233.1 | 225.4 | 216.4 | 209.5 | 201.8 | 193.9 | 188.4 |
| 20°    | 290.7 | 280.6 | 272.1 | 259.4 | 246.8 | 234.8 | 220.5 | 208.4 | 197.5 | 187.0 | 179.1 |
| 22.5°  | 327.5 | 312.1 | 294.8 | 275.6 | 255.3 | 236.7 | 216.7 | 200.2 | 184.3 | 171.4 | 162.4 |
| 25°    | 369.4 | 345.3 | 318.9 | 289.9 | 260.8 | 233.1 | 208.4 | 187.8 | 170.8 | 155.5 | 145.4 |
| 27.5°  | 395.2 | 362.3 | 330.8 | 296.2 | 263.0 | 230.9 | 200.8 | 176.9 | 157.4 | 141.0 | 129.2 |
| 30°    | 400.7 | 367.5 | 330.5 | 292.9 | 258.6 | 223.5 | 190.6 | 164.0 | 142.3 | 125.1 | 113.3 |
| 32.5°  | 404.5 | 366.1 | 325.0 | 283.3 | 246.0 | 209.0 | 175.5 | 149.2 | 126.2 | 109.1 | 95.4  |
| 35°    | 405.6 | 360.9 | 314.6 | 268.2 | 229.0 | 191.1 | 157.7 | 130.0 | 110.0 | 93.2  | 80.9  |
| 37.5°  | 404.0 | 352.4 | 300.6 | 252.6 | 210.6 | 171.1 | 138.2 | 114.1 | 97.1  | 80.9  | 69.9  |
| 40°    | 397.4 | 341.7 | 288.0 | 237.5 | 192.0 | 151.1 | 121.8 | 100.9 | 86.4  | 74.0  | 65.6  |
| 42.5°  | 388.9 | 329.4 | 274.0 | 220.0 | 173.9 | 135.2 | 108.6 | 91.9  | 79.5  | 70.7  | 63.6  |
| 45°    | 378.2 | 316.5 | 259.4 | 204.3 | 158.5 | 123.1 | 100.9 | 86.9  | 77.3  | 69.7  | 63.1  |
| 47.5°  | 365.0 | 302.8 | 245.4 | 192.5 | 148.1 | 117.1 | 99.3  | 86.9  | 77.3  | 69.1  | 62.0  |
| 50°    | 352.7 | 290.4 | 234.8 | 185.1 | 143.4 | 117.4 | 100.9 | 88.0  | 77.1  | 68.0  | 60.1  |
| 52.5°  | 343.1 | 283.0 | 230.4 | 182.4 | 144.0 | 120.1 | 104.2 | 89.7  | 77.9  | 68.0  | 59.5  |
| 55°    | 337.1 | 280.0 | 229.8 | 184.8 | 149.7 | 127.5 | 109.4 | 94.6  | 81.7  | 70.2  | 60.3  |
| 57.5°  | 337.9 | 283.3 | 236.4 | 195.0 | 162.9 | 140.4 | 119.9 | 103.4 | 87.2  | 72.9  | 60.6  |
| 60°    | 346.4 | 294.3 | 252.3 | 218.9 | 184.8 | 157.7 | 133.0 | 111.1 | 89.7  | 72.1  | 58.7  |
| 62.5°  | 367.8 | 320.0 | 285.8 | 251.5 | 212.0 | 174.7 | 141.0 | 112.4 | 86.9  | 68.0  | 54.0  |
| 65°    | 408.4 | 366.4 | 333.5 | 290.7 | 234.5 | 181.8 | 140.2 | 108.3 | 81.7  | 61.4  | 47.7  |
| 67.5°  | 448.1 | 403.7 | 357.3 | 292.9 | 229.0 | 176.6 | 131.1 | 98.2  | 72.4  | 52.6  | 42.2  |
| 70°    | 486.5 | 428.9 | 369.4 | 290.2 | 213.1 | 151.9 | 109.4 | 82.0  | 57.6  | 43.9  | 36.2  |
| 72.5°  | 461.3 | 394.9 | 334.0 | 255.9 | 183.2 | 124.8 | 87.2  | 59.5  | 44.2  | 36.2  | 31.3  |
| 75°    | 352.1 | 306.1 | 253.1 | 196.4 | 135.2 | 88.0  | 58.1  | 42.2  | 34.0  | 28.5  | 25.5  |
| 77.5°  | 253.4 | 219.1 | 175.8 | 128.9 | 84.5  | 55.7  | 39.5  | 30.2  | 25.2  | 21.4  | 19.7  |
| 80°    | 147.0 | 126.2 | 98.5  | 71.0  | 48.3  | 34.8  | 26.3  | 21.4  | 18.4  | 15.6  | 15.1  |
| 82.5°  | 91.9  | 73.5  | 52.1  | 35.1  | 24.7  | 19.2  | 15.3  | 13.2  | 11.0  | 9.6   | 8.2   |
| 85°    | 39.8  | 28.5  | 16.2  | 9.1   | 6.9   | 5.2   | 4.1   | 3.6   | 3.0   | 2.8   | 2.2   |
| 87.5°  | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.7   | 1.7   | 1.7   | 1.7   | 1.4   |
| 90°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 92.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 95°    | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   |
| 97.5°  | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |
| 100°   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   |
| 102.5° | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   |
| 105°   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   |
| 107.5° | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   |
| 110°   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 10°  | 15°  | 20°  | 25°  | 30°  | 35°  | 40°  | 45°  | 50°  |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  |
| 115°   | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  |
| 117.5° | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  |
| 120°   | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 |
| 122.5° | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 |
| 125°   | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 |
| 127.5° | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 |
| 130°   | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 |
| 132.5° | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 |
| 135°   | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 |
| 137.5° | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 |
| 140°   | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 |
| 142.5° | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 |
| 145°   | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 |
| 147.5° | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 |
| 150°   | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 |
| 152.5° | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 |
| 155°   | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| 157.5° | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 160°   | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| 162.5° | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 |
| 165°   | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 |
| 167.5° | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 170°   | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 |
| 172.5° | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 |
| 175°   | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 |
| 177.5° | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 |
| 180°   | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 |





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**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 |
| 2.5°   | 179.6 | 179.1 | 178.8 | 178.8 | 178.3 | 178.3 | 177.7 | 178.0 | 177.7 | 177.2 | 176.9 |
| 5°     | 180.7 | 179.9 | 179.4 | 178.8 | 178.0 | 177.7 | 177.2 | 177.2 | 176.4 | 175.5 | 175.3 |
| 7.5°   | 182.1 | 181.0 | 180.2 | 179.1 | 178.0 | 177.5 | 176.4 | 175.8 | 175.0 | 174.2 | 173.9 |
| 10°    | 184.8 | 182.9 | 181.6 | 180.2 | 178.3 | 177.2 | 175.5 | 174.7 | 173.9 | 172.8 | 172.2 |
| 12.5°  | 187.8 | 185.4 | 183.5 | 180.2 | 178.3 | 176.4 | 174.7 | 173.1 | 171.4 | 170.3 | 170.0 |
| 15°    | 187.8 | 184.8 | 180.7 | 177.7 | 175.0 | 172.2 | 170.6 | 168.9 | 167.0 | 166.2 | 165.9 |
| 17.5°  | 183.2 | 178.0 | 174.2 | 170.8 | 168.4 | 166.2 | 164.5 | 163.7 | 162.1 | 160.4 | 159.9 |
| 20°    | 172.5 | 166.5 | 162.1 | 158.5 | 155.8 | 153.6 | 153.0 | 152.2 | 151.4 | 151.4 | 151.7 |
| 22.5°  | 155.0 | 148.4 | 144.5 | 140.7 | 137.7 | 136.6 | 136.9 | 137.7 | 138.0 | 137.7 | 139.6 |
| 25°    | 137.4 | 131.1 | 125.9 | 122.3 | 118.8 | 119.6 | 118.5 | 120.4 | 121.2 | 121.5 | 123.7 |
| 27.5°  | 120.4 | 113.5 | 108.0 | 105.0 | 103.4 | 102.3 | 101.5 | 103.9 | 104.5 | 106.4 | 108.3 |
| 30°    | 102.3 | 96.0  | 89.7  | 87.2  | 85.8  | 85.0  | 85.3  | 87.5  | 88.9  | 91.6  | 93.2  |
| 32.5°  | 85.6  | 77.9  | 73.2  | 69.9  | 68.6  | 68.3  | 68.6  | 70.2  | 71.8  | 75.4  | 77.9  |
| 35°    | 71.3  | 63.9  | 60.1  | 58.1  | 56.2  | 55.4  | 56.2  | 56.8  | 57.3  | 60.3  | 63.4  |
| 37.5°  | 63.1  | 57.9  | 54.8  | 52.9  | 51.6  | 50.7  | 50.7  | 50.5  | 50.7  | 51.3  | 52.6  |
| 40°    | 59.5  | 55.7  | 52.9  | 51.0  | 49.9  | 49.4  | 49.1  | 48.8  | 48.5  | 48.5  | 48.5  |
| 42.5°  | 58.1  | 53.7  | 51.0  | 49.4  | 48.8  | 48.8  | 48.8  | 48.5  | 48.0  | 47.4  | 47.2  |
| 45°    | 57.0  | 52.4  | 49.4  | 48.0  | 48.0  | 48.0  | 48.3  | 48.0  | 47.4  | 46.6  | 45.8  |
| 47.5°  | 55.1  | 50.5  | 47.7  | 46.6  | 46.6  | 46.6  | 46.9  | 46.6  | 46.1  | 45.5  | 44.7  |
| 50°    | 52.9  | 48.0  | 45.3  | 44.4  | 44.2  | 44.2  | 43.9  | 43.6  | 43.3  | 42.8  | 42.0  |
| 52.5°  | 51.6  | 46.4  | 43.9  | 43.3  | 42.8  | 42.5  | 42.0  | 41.7  | 41.2  | 40.9  | 40.0  |
| 55°    | 51.3  | 45.3  | 43.1  | 42.5  | 42.0  | 41.2  | 40.0  | 39.5  | 38.4  | 38.1  | 37.6  |
| 57.5°  | 50.5  | 44.2  | 41.7  | 40.3  | 38.9  | 38.1  | 37.0  | 36.5  | 35.9  | 35.4  | 34.8  |
| 60°    | 47.7  | 40.9  | 37.8  | 37.0  | 36.2  | 35.9  | 35.4  | 34.8  | 34.0  | 33.2  | 32.1  |
| 62.5°  | 42.5  | 36.7  | 34.8  | 34.5  | 34.3  | 33.7  | 33.2  | 32.4  | 31.8  | 30.7  | 29.6  |
| 65°    | 38.4  | 34.5  | 33.4  | 32.9  | 32.6  | 31.8  | 31.3  | 30.7  | 29.9  | 29.1  | 28.0  |
| 67.5°  | 34.8  | 32.1  | 31.5  | 30.7  | 30.4  | 29.9  | 29.1  | 28.5  | 27.7  | 26.9  | 25.8  |
| 70°    | 31.5  | 29.3  | 29.1  | 28.5  | 28.0  | 27.7  | 26.6  | 25.8  | 25.5  | 24.4  | 23.6  |
| 72.5°  | 28.0  | 26.6  | 26.1  | 25.5  | 25.0  | 24.7  | 24.1  | 23.6  | 23.1  | 22.0  | 20.9  |
| 75°    | 23.3  | 22.8  | 22.5  | 22.0  | 21.7  | 21.1  | 20.3  | 19.5  | 19.2  | 18.4  | 17.5  |
| 77.5°  | 18.6  | 18.1  | 18.1  | 17.5  | 16.7  | 15.9  | 15.1  | 14.0  | 14.0  | 14.0  | 13.4  |
| 80°    | 13.2  | 12.6  | 11.8  | 11.5  | 11.0  | 10.4  | 9.6   | 9.1   | 8.5   | 8.5   | 8.5   |
| 82.5°  | 7.7   | 7.4   | 6.9   | 6.0   | 5.5   | 5.2   | 4.4   | 3.9   | 3.6   | 3.0   | 3.0   |
| 85°    | 1.7   | 1.7   | 1.1   | 1.1   | 0.8   | 0.8   | 0.8   | 0.6   | 0.6   | 0.3   | 0.3   |
| 87.5°  | 1.4   | 1.4   | 1.4   | 1.1   | 1.1   | 1.1   | 0.8   | 0.8   | 0.8   | 0.6   | 0.6   |
| 90°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 92.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 95°    | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   |
| 97.5°  | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |
| 100°   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   |
| 102.5° | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   |
| 105°   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   |
| 107.5° | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   |
| 110°   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   |



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CATALOG NUMBER: ENC-FXX-LED-E1-SLR-7050-ULG-CWB

**CANDELA DISTRIBUTION (continued):**

|        | 55°  | 60°  | 65°  | 70°  | 75°  | 80°  | 85°  | 90°  | 95°  | 100° | 105° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  |
| 115°   | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  |
| 117.5° | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  |
| 120°   | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 |
| 122.5° | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 |
| 125°   | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 |
| 127.5° | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 |
| 130°   | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 |
| 132.5° | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 |
| 135°   | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 |
| 137.5° | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 |
| 140°   | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 |
| 142.5° | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 |
| 145°   | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 |
| 147.5° | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 |
| 150°   | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 |
| 152.5° | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 |
| 155°   | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| 157.5° | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 160°   | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| 162.5° | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 |
| 165°   | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 |
| 167.5° | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 170°   | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 |
| 172.5° | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 |
| 175°   | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 |
| 177.5° | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 |
| 180°   | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 |



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**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 |
| 2.5°   | 176.9 | 176.6 | 176.1 | 175.0 | 174.7 | 174.4 | 174.7 | 174.7 | 174.4 | 174.7 | 175.0 |
| 5°     | 175.3 | 175.0 | 174.2 | 173.6 | 173.1 | 173.1 | 174.7 | 174.7 | 173.9 | 174.2 | 175.3 |
| 7.5°   | 173.9 | 173.9 | 173.3 | 173.1 | 173.3 | 174.2 | 175.5 | 176.6 | 176.4 | 178.0 | 178.5 |
| 10°    | 172.2 | 172.5 | 172.8 | 173.9 | 175.5 | 176.9 | 179.1 | 181.0 | 181.6 | 182.9 | 183.7 |
| 12.5°  | 170.6 | 171.7 | 173.1 | 175.3 | 177.5 | 179.6 | 182.1 | 184.3 | 184.6 | 185.9 | 187.0 |
| 15°    | 166.5 | 168.1 | 170.0 | 172.5 | 175.8 | 178.3 | 181.8 | 183.5 | 184.0 | 184.8 | 186.2 |
| 17.5°  | 160.2 | 161.0 | 162.4 | 165.1 | 168.7 | 172.0 | 176.1 | 178.8 | 180.5 | 181.6 | 182.1 |
| 20°    | 151.7 | 153.3 | 154.1 | 156.6 | 158.5 | 161.0 | 166.5 | 170.0 | 173.3 | 175.0 | 176.6 |
| 22.5°  | 139.9 | 141.8 | 143.7 | 146.2 | 147.3 | 148.9 | 154.1 | 159.6 | 164.5 | 167.8 | 169.7 |
| 25°    | 125.1 | 127.2 | 130.0 | 133.0 | 134.4 | 136.0 | 142.1 | 147.5 | 153.6 | 159.4 | 162.1 |
| 27.5°  | 110.2 | 113.0 | 115.7 | 119.3 | 121.5 | 123.4 | 128.6 | 133.8 | 140.2 | 145.6 | 148.4 |
| 30°    | 96.0  | 99.8  | 102.3 | 106.4 | 108.3 | 110.2 | 114.9 | 120.7 | 125.1 | 131.4 | 134.9 |
| 32.5°  | 81.2  | 83.9  | 88.6  | 93.2  | 95.4  | 97.4  | 101.8 | 106.7 | 110.5 | 116.8 | 122.0 |
| 35°    | 67.7  | 70.2  | 75.1  | 79.8  | 81.2  | 84.2  | 88.6  | 93.0  | 96.5  | 102.3 | 107.2 |
| 37.5°  | 55.1  | 59.2  | 63.1  | 66.6  | 69.7  | 71.8  | 76.0  | 79.8  | 81.7  | 87.2  | 92.4  |
| 40°    | 49.1  | 51.0  | 53.7  | 57.0  | 59.0  | 61.2  | 64.2  | 67.5  | 69.7  | 73.5  | 77.9  |
| 42.5°  | 46.9  | 46.9  | 47.7  | 49.4  | 51.8  | 52.9  | 55.7  | 57.3  | 60.3  | 62.0  | 65.8  |
| 45°    | 45.3  | 44.7  | 45.0  | 45.0  | 45.8  | 46.6  | 48.8  | 50.5  | 52.4  | 53.7  | 56.2  |
| 47.5°  | 43.9  | 42.8  | 42.5  | 42.0  | 41.7  | 42.2  | 43.9  | 45.3  | 46.1  | 47.2  | 48.0  |
| 50°    | 40.9  | 40.0  | 39.2  | 38.7  | 38.4  | 38.9  | 40.3  | 41.4  | 41.7  | 42.2  | 42.8  |
| 52.5°  | 39.2  | 38.1  | 37.3  | 36.5  | 36.5  | 37.0  | 38.1  | 38.9  | 39.2  | 39.5  | 40.0  |
| 55°    | 37.0  | 36.5  | 35.9  | 35.1  | 34.8  | 35.6  | 36.5  | 37.3  | 37.8  | 37.8  | 38.4  |
| 57.5°  | 34.3  | 33.7  | 34.3  | 34.0  | 33.7  | 34.3  | 35.4  | 36.2  | 36.5  | 36.5  | 36.7  |
| 60°    | 31.5  | 31.3  | 31.3  | 31.8  | 32.4  | 33.2  | 34.0  | 35.1  | 34.8  | 34.3  | 34.5  |
| 62.5°  | 29.1  | 28.8  | 29.1  | 29.9  | 30.7  | 31.5  | 32.6  | 33.4  | 32.6  | 32.1  | 32.1  |
| 65°    | 27.4  | 27.2  | 27.4  | 27.7  | 28.0  | 28.8  | 30.2  | 30.4  | 29.9  | 29.9  | 29.9  |
| 67.5°  | 25.2  | 25.0  | 24.7  | 25.0  | 25.2  | 25.5  | 26.6  | 26.9  | 26.9  | 26.9  | 26.9  |
| 70°    | 22.5  | 22.2  | 22.0  | 22.0  | 22.0  | 22.2  | 22.5  | 23.1  | 23.6  | 24.1  | 24.4  |
| 72.5°  | 19.5  | 18.9  | 18.9  | 18.9  | 18.4  | 18.6  | 18.9  | 20.0  | 20.6  | 21.1  | 21.7  |
| 75°    | 16.4  | 15.9  | 15.9  | 15.3  | 15.6  | 15.9  | 15.9  | 16.4  | 17.0  | 17.8  | 18.4  |
| 77.5°  | 12.9  | 12.9  | 12.9  | 12.6  | 12.6  | 12.9  | 13.2  | 13.2  | 13.7  | 14.5  | 15.3  |
| 80°    | 8.2   | 8.2   | 8.8   | 9.1   | 9.3   | 9.6   | 10.1  | 10.4  | 10.7  | 11.5  | 11.8  |
| 82.5°  | 3.0   | 3.3   | 3.6   | 3.6   | 4.4   | 5.5   | 5.8   | 6.6   | 7.1   | 8.0   | 8.0   |
| 85°    | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.6   | 0.8   | 1.1   | 1.7   | 2.5   | 3.0   |
| 87.5°  | 0.6   | 0.3   | 0.3   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 90°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 92.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 95°    | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   |
| 97.5°  | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |
| 100°   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   |
| 102.5° | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   |
| 105°   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   |
| 107.5° | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   |
| 110°   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   |



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REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|        | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |        |
|--------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 112.5° | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 0°     |
| 115°   | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 2.5°   |
| 117.5° | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 5°     |
| 120°   | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 7.5°   |
| 122.5° | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 10°    |
| 125°   | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 12.5°  |
| 127.5° | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 15°    |
| 130°   | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 17.5°  |
| 132.5° | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 20°    |
| 135°   | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 22.5°  |
| 137.5° | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 25°    |
| 140°   | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 27.5°  |
| 142.5° | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 30°    |
| 145°   | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 32.5°  |
| 147.5° | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35°    |
| 150°   | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.5°  |
| 152.5° | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 40°    |
| 155°   | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 42.5°  |
| 157.5° | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 45°    |
| 160°   | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 47.5°  |
| 162.5° | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 50°    |
| 165°   | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 52.5°  |
| 167.5° | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 55°    |
| 170°   | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 57.5°  |
| 172.5° | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 60°    |
| 175°   | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 62.5°  |
| 177.5° | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 65°    |
| 180°   | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 67.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 70°    |
|        |      |      |      |      |      |      |      |      |      |      |      | 72.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 75°    |
|        |      |      |      |      |      |      |      |      |      |      |      | 77.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 80°    |
|        |      |      |      |      |      |      |      |      |      |      |      | 82.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 85°    |
|        |      |      |      |      |      |      |      |      |      |      |      | 87.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 90°    |
|        |      |      |      |      |      |      |      |      |      |      |      | 92.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 95°    |
|        |      |      |      |      |      |      |      |      |      |      |      | 97.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 100°   |
|        |      |      |      |      |      |      |      |      |      |      |      | 102.5° |
|        |      |      |      |      |      |      |      |      |      |      |      | 105°   |
|        |      |      |      |      |      |      |      |      |      |      |      | 107.5° |
|        |      |      |      |      |      |      |      |      |      |      |      | 110°   |



NUMBER: P173441  
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REPORT NUMBER: P  
 CATALOG NUMBER:

**DISTRIBUTION (continued):**

**CANDELA DISTRIBUTION**

| 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  | 165°   |      |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|------|
| 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 112.5° | 6.9  |
| 175.3 | 176.1 | 175.8 | 175.5 | 175.8 | 176.4 | 176.1 | 176.4 | 176.6 | 177.2 | 176.9 | 115°   | 8.1  |
| 175.5 | 176.4 | 176.6 | 176.6 | 177.2 | 178.0 | 178.0 | 178.3 | 178.5 | 179.1 | 179.1 | 117.5° | 9.6  |
| 179.4 | 181.3 | 181.3 | 181.6 | 182.4 | 183.2 | 183.5 | 183.7 | 183.5 | 183.5 | 183.5 | 120°   | 11.3 |
| 185.1 | 187.3 | 187.6 | 188.9 | 190.0 | 189.8 | 189.8 | 190.0 | 189.5 | 188.9 | 188.1 | 122.5° | 13.2 |
| 188.1 | 190.0 | 190.6 | 192.0 | 193.6 | 193.9 | 194.7 | 195.3 | 194.7 | 193.4 | 192.0 | 125°   | 15.5 |
| 187.3 | 188.9 | 190.0 | 191.7 | 193.6 | 194.7 | 196.4 | 196.9 | 196.7 | 195.0 | 193.4 | 127.5° | 17.9 |
| 183.7 | 185.7 | 187.0 | 189.2 | 191.4 | 193.1 | 194.7 | 195.6 | 195.6 | 194.2 | 193.1 | 130°   | 20.4 |
| 178.0 | 180.2 | 182.1 | 184.6 | 187.3 | 189.2 | 191.1 | 191.7 | 191.7 | 191.1 | 192.0 | 132.5° | 22.8 |
| 172.0 | 174.4 | 176.6 | 179.1 | 182.7 | 184.6 | 186.8 | 188.4 | 189.2 | 190.3 | 193.9 | 135°   | 25.2 |
| 164.3 | 165.4 | 168.1 | 170.8 | 175.8 | 179.1 | 183.7 | 188.1 | 192.5 | 197.5 | 204.6 | 137.5° | 27.6 |
| 150.8 | 152.8 | 156.1 | 159.9 | 164.8 | 170.8 | 179.4 | 187.8 | 195.8 | 203.2 | 212.0 | 140°   | 29.9 |
| 139.6 | 143.2 | 146.7 | 151.1 | 156.3 | 162.1 | 172.0 | 182.9 | 192.5 | 201.3 | 210.9 | 142.5° | 32.1 |
| 127.5 | 131.9 | 136.6 | 142.3 | 147.3 | 152.5 | 160.7 | 172.8 | 184.3 | 194.2 | 204.3 | 145°   | 34.0 |
| 113.5 | 118.2 | 122.9 | 128.9 | 134.1 | 140.7 | 148.1 | 159.9 | 173.1 | 184.3 | 196.4 | 147.5° | 35.6 |
| 98.5  | 102.6 | 107.8 | 113.3 | 119.3 | 127.0 | 134.9 | 145.9 | 159.6 | 171.7 | 185.4 | 150°   | 37.3 |
| 84.2  | 88.6  | 93.8  | 99.8  | 105.9 | 114.1 | 123.1 | 133.6 | 146.2 | 159.1 | 173.6 | 152.5° | 38.8 |
| 70.7  | 76.5  | 82.0  | 88.0  | 94.3  | 102.0 | 111.6 | 122.9 | 135.5 | 149.2 | 164.5 | 155°   | 40.0 |
| 59.5  | 63.9  | 69.7  | 74.6  | 81.5  | 88.9  | 98.7  | 111.3 | 125.9 | 140.4 | 156.6 | 157.5° | 41.1 |
| 49.6  | 52.4  | 57.3  | 63.4  | 69.7  | 77.3  | 85.6  | 98.2  | 113.0 | 128.9 | 147.0 | 160°   | 42.2 |
| 43.6  | 45.0  | 48.5  | 54.0  | 60.1  | 67.7  | 74.9  | 85.8  | 100.7 | 116.3 | 134.9 | 162.5° | 43.2 |
| 40.6  | 41.2  | 43.1  | 47.2  | 52.9  | 59.8  | 67.5  | 76.8  | 89.9  | 105.3 | 123.1 | 165°   | 44.0 |
| 38.9  | 39.2  | 39.8  | 42.8  | 47.7  | 54.0  | 61.7  | 69.1  | 80.9  | 95.4  | 112.7 | 167.5° | 44.4 |
| 37.0  | 37.3  | 37.6  | 39.2  | 42.8  | 48.3  | 54.8  | 60.9  | 71.6  | 84.5  | 100.9 | 170°   | 44.5 |
| 35.1  | 35.6  | 36.2  | 36.7  | 39.2  | 42.8  | 47.7  | 52.9  | 60.3  | 71.6  | 85.0  | 172.5° | 44.9 |
| 32.6  | 33.2  | 34.0  | 34.5  | 35.4  | 37.6  | 40.6  | 43.9  | 47.7  | 55.7  | 66.6  | 175°   | 45.5 |
| 30.4  | 31.0  | 31.3  | 31.5  | 32.1  | 32.6  | 33.7  | 34.5  | 36.5  | 41.2  | 48.8  | 177.5° | 45.7 |
| 27.4  | 28.0  | 28.0  | 28.2  | 28.5  | 28.5  | 29.1  | 29.3  | 29.9  | 31.3  | 34.5  | 180°   | 45.6 |
| 25.0  | 25.2  | 25.5  | 25.8  | 25.8  | 25.8  | 25.5  | 25.8  | 25.5  | 25.5  | 26.9  |        |      |
| 22.0  | 22.2  | 22.5  | 22.8  | 23.1  | 23.3  | 23.6  | 23.6  | 23.3  | 22.8  | 22.8  |        |      |
| 18.6  | 18.6  | 19.2  | 19.5  | 19.7  | 20.6  | 21.1  | 20.6  | 20.6  | 20.3  | 20.3  |        |      |
| 15.6  | 16.2  | 16.4  | 16.4  | 17.0  | 17.8  | 18.4  | 18.1  | 17.3  | 17.3  | 17.5  |        |      |
| 12.1  | 12.3  | 12.6  | 12.9  | 13.2  | 14.0  | 14.8  | 15.1  | 14.5  | 14.8  | 14.8  |        |      |
| 8.0   | 8.2   | 8.8   | 9.1   | 9.3   | 10.1  | 11.0  | 11.8  | 11.5  | 12.1  | 11.5  |        |      |
| 3.6   | 4.1   | 4.4   | 4.4   | 5.2   | 6.0   | 7.1   | 8.0   | 9.1   | 9.3   | 8.5   |        |      |
| 0.0   | 0.3   | 0.3   | 0.3   | 1.1   | 1.9   | 3.6   | 5.5   | 7.4   | 5.8   | 4.4   |        |      |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |        |      |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |        |      |
| 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   |        |      |
| 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |        |      |
| 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   |        |      |
| 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   |        |      |
| 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   |        |      |
| 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   |        |      |
| 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   |        |      |

'173441  
 ENC-FXX-LED-E1-SLR-7050-ULG-CWB

REPORT NUMBER: P173441  
 CATALOG NUMBER: ENC-FXX-I

**TION (continued):**

**CANDELA DISTRIBUTION (con**

| 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |        | 220°  | 225°  |
|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 0°     | 178.0 | 178.0 |
| 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 2.5°   | 176.9 | 177.2 |
| 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 5°     | 179.4 | 179.4 |
| 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 7.5°   | 182.9 | 182.9 |
| 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 10°    | 187.6 | 186.8 |
| 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 12.5°  | 190.3 | 188.9 |
| 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 15°    | 192.0 | 190.6 |
| 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 17.5°  | 192.5 | 192.5 |
| 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 20°    | 193.9 | 196.1 |
| 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 22.5°  | 198.6 | 204.0 |
| 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 25°    | 212.3 | 220.0 |
| 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 27.5°  | 223.0 | 233.1 |
| 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 30°    | 223.8 | 236.4 |
| 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 32.5°  | 218.9 | 232.6 |
| 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35°    | 211.4 | 227.1 |
| 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.5°  | 202.4 | 220.0 |
| 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 40°    | 192.0 | 210.1 |
| 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 42.5°  | 182.4 | 201.0 |
| 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 45°    | 175.5 | 195.3 |
| 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 47.5°  | 168.1 | 189.2 |
| 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 50°    | 156.3 | 181.3 |
| 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 52.5°  | 143.7 | 168.7 |
| 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 55°    | 132.2 | 156.1 |
| 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 57.5°  | 119.9 | 144.0 |
| 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 60°    | 103.7 | 127.8 |
| 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 62.5°  | 82.8  | 105.6 |
| 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 65°    | 59.5  | 78.7  |
| 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 67.5°  | 40.3  | 53.5  |
|      |      |      |      |      |      |      |      |      |      | 70°    | 29.3  | 36.5  |
|      |      |      |      |      |      |      |      |      |      | 72.5°  | 23.9  | 27.4  |
|      |      |      |      |      |      |      |      |      |      | 75°    | 21.1  | 23.1  |
|      |      |      |      |      |      |      |      |      |      | 77.5°  | 18.6  | 19.7  |
|      |      |      |      |      |      |      |      |      |      | 80°    | 14.8  | 15.9  |
|      |      |      |      |      |      |      |      |      |      | 82.5°  | 11.5  | 12.6  |
|      |      |      |      |      |      |      |      |      |      | 85°    | 8.5   | 9.3   |
|      |      |      |      |      |      |      |      |      |      | 87.5°  | 3.9   | 3.9   |
|      |      |      |      |      |      |      |      |      |      | 90°    | 0.0   | 0.0   |
|      |      |      |      |      |      |      |      |      |      | 92.5°  | 0.0   | 0.0   |
|      |      |      |      |      |      |      |      |      |      | 95°    | 0.2   | 0.2   |
|      |      |      |      |      |      |      |      |      |      | 97.5°  | 0.5   | 0.5   |
|      |      |      |      |      |      |      |      |      |      | 100°   | 1.6   | 1.6   |
|      |      |      |      |      |      |      |      |      |      | 102.5° | 2.8   | 2.8   |
|      |      |      |      |      |      |      |      |      |      | 105°   | 3.8   | 3.8   |
|      |      |      |      |      |      |      |      |      |      | 107.5° | 4.8   | 4.8   |
|      |      |      |      |      |      |      |      |      |      | 110°   | 5.8   | 5.8   |



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LED-E1-SLR-7050-ULG-CWB

| <u>tinued):</u> |       |       |       |       |       |       |       |       |        | <u>CANDELA DISTRIBUTION (continued):</u> |      |      |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|------|------|
| 230°            | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |        | 220°                                     | 225° | 230° |
| 178.0           | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 112.5° | 6.9                                      | 6.9  | 6.9  |
| 177.5           | 177.7 | 177.7 | 178.3 | 178.5 | 179.1 | 179.4 | 179.4 | 179.4 | 115°   | 8.1                                      | 8.1  | 8.1  |
| 179.9           | 180.2 | 180.5 | 181.3 | 181.6 | 182.4 | 183.2 | 183.5 | 184.3 | 117.5° | 9.6                                      | 9.6  | 9.6  |
| 182.9           | 183.7 | 184.0 | 184.6 | 185.1 | 186.5 | 187.6 | 188.1 | 188.9 | 120°   | 11.3                                     | 11.3 | 11.3 |
| 186.5           | 186.8 | 186.8 | 187.3 | 188.7 | 189.5 | 190.9 | 193.4 | 195.0 | 122.5° | 13.2                                     | 13.2 | 13.2 |
| 188.9           | 188.1 | 188.7 | 189.2 | 190.6 | 192.5 | 194.7 | 198.3 | 201.6 | 125°   | 15.5                                     | 15.5 | 15.5 |
| 190.6           | 190.6 | 192.0 | 193.1 | 195.6 | 198.6 | 202.7 | 207.6 | 212.5 | 127.5° | 17.9                                     | 17.9 | 17.9 |
| 193.6           | 194.5 | 197.5 | 199.7 | 204.0 | 208.4 | 213.7 | 220.5 | 227.9 | 130°   | 20.4                                     | 20.4 | 20.4 |
| 199.1           | 201.3 | 204.6 | 208.1 | 212.5 | 219.1 | 227.9 | 236.7 | 246.5 | 132.5° | 22.8                                     | 22.8 | 22.8 |
| 207.9           | 212.8 | 218.3 | 222.7 | 227.9 | 237.2 | 246.8 | 257.8 | 270.1 | 135°   | 25.2                                     | 25.2 | 25.2 |
| 227.1           | 232.6 | 240.8 | 248.2 | 255.6 | 269.0 | 281.4 | 294.0 | 310.7 | 137.5° | 27.6                                     | 27.6 | 27.6 |
| 243.8           | 252.6 | 265.5 | 276.2 | 286.3 | 302.5 | 316.2 | 337.1 | 354.9 | 140°   | 29.9                                     | 29.9 | 29.9 |
| 250.9           | 265.2 | 281.4 | 296.7 | 315.7 | 331.6 | 351.9 | 376.8 | 400.1 | 142.5° | 32.1                                     | 32.1 | 32.1 |
| 249.3           | 266.6 | 286.9 | 307.7 | 330.2 | 355.7 | 379.0 | 407.0 | 437.4 | 145°   | 34.0                                     | 34.0 | 34.0 |
| 245.4           | 264.9 | 288.5 | 313.5 | 340.3 | 372.2 | 401.5 | 436.3 | 474.2 | 147.5° | 35.6                                     | 35.6 | 35.6 |
| 240.8           | 263.5 | 289.9 | 319.2 | 353.0 | 390.8 | 428.7 | 474.2 | 521.4 | 150°   | 37.3                                     | 37.3 | 37.3 |
| 233.7           | 259.7 | 291.5 | 328.0 | 369.4 | 413.8 | 463.5 | 517.8 | 568.5 | 152.5° | 38.8                                     | 38.8 | 38.8 |
| 225.7           | 255.1 | 293.5 | 340.1 | 392.2 | 447.3 | 504.6 | 560.0 | 617.9 | 155°   | 40.0                                     | 40.0 | 40.0 |
| 220.5           | 253.7 | 298.4 | 354.1 | 414.7 | 478.6 | 542.5 | 603.1 | 666.1 | 157.5° | 41.1                                     | 41.1 | 41.1 |
| 217.5           | 254.5 | 303.6 | 364.5 | 431.4 | 501.9 | 569.6 | 639.3 | 705.4 | 160°   | 42.2                                     | 42.2 | 42.2 |
| 214.8           | 256.7 | 308.3 | 371.1 | 442.1 | 517.0 | 591.0 | 666.1 | 739.4 | 162.5° | 43.2                                     | 43.2 | 43.2 |
| 207.6           | 255.9 | 309.9 | 373.0 | 447.6 | 526.8 | 605.8 | 685.1 | 763.0 | 165°   | 44.0                                     | 44.0 | 44.0 |
| 195.3           | 248.2 | 306.3 | 371.1 | 449.2 | 532.6 | 615.4 | 699.1 | 776.4 | 167.5° | 44.4                                     | 44.4 | 44.4 |
| 178.8           | 232.6 | 293.7 | 362.8 | 443.5 | 529.9 | 618.7 | 708.1 | 784.1 | 170°   | 44.5                                     | 44.5 | 44.5 |
| 160.4           | 208.1 | 271.5 | 343.9 | 424.8 | 513.1 | 604.2 | 699.6 | 775.3 | 172.5° | 44.9                                     | 44.9 | 44.9 |
| 135.2           | 177.7 | 241.3 | 311.8 | 390.8 | 478.6 | 561.1 | 665.3 | 742.4 | 175°   | 45.5                                     | 45.5 | 45.5 |
| 103.4           | 141.2 | 196.1 | 267.9 | 348.3 | 425.1 | 500.0 | 604.2 | 689.7 | 177.5° | 45.7                                     | 45.7 | 45.7 |
| 71.3            | 100.7 | 146.7 | 209.5 | 284.7 | 355.4 | 430.0 | 527.4 | 627.2 | 180°   | 45.6                                     | 45.6 | 45.6 |
| 46.4            | 65.3  | 97.1  | 145.4 | 204.9 | 270.1 | 332.1 | 421.2 | 528.2 |        |  |      |      |
| 32.9            | 41.7  | 59.2  | 89.7  | 134.9 | 185.4 | 236.1 | 296.5 | 398.5 |        |  |      |      |
| 26.1            | 30.4  | 36.5  | 52.1  | 79.0  | 115.5 | 156.3 | 194.5 | 279.7 |        |  |      |      |
| 21.1            | 23.1  | 26.1  | 32.1  | 46.6  | 66.6  | 92.1  | 122.6 | 173.9 |        |  |      |      |
| 17.0            | 18.4  | 20.3  | 22.8  | 28.8  | 38.4  | 53.5  | 67.5  | 99.3  |        |  |      |      |
| 13.7            | 15.3  | 15.9  | 16.2  | 18.6  | 22.0  | 28.2  | 38.1  | 56.8  |        |  |      |      |
| 9.9             | 10.4  | 10.4  | 10.7  | 11.2  | 12.1  | 16.2  | 28.0  | 41.4  |        |  |      |      |
| 3.9             | 3.3   | 3.6   | 2.8   | 3.0   | 3.3   | 5.2   | 6.0   | 9.6   |        |  |      |      |
| 0.0             | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |        |  |      |      |
| 0.0             | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |        |  |      |      |
| 0.2             | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   |        |  |      |      |
| 0.5             | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |        |  |      |      |
| 1.6             | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   |        |  |      |      |
| 2.8             | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   |        |  |      |      |
| 3.8             | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   |        |  |      |      |
| 4.8             | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   |        |  |      |      |
| 5.8             | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   |        |  |      |      |



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3-7050-ULG-CWB

**CANDELA DISTRIBUTION (continued):**

| 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |        | 275°  | 280°  | 285°   | 290°   |
|------|------|------|------|------|------|------|------|--------|-------|-------|--------|--------|
| 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 0°     | 178.0 | 178.0 | 178.0  | 178.0  |
| 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 2.5°   | 180.2 | 180.2 | 179.9  | 179.9  |
| 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 5°     | 184.8 | 185.7 | 185.1  | 185.9  |
| 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 7.5°   | 190.9 | 191.4 | 192.0  | 193.1  |
| 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 10°    | 197.2 | 199.1 | 201.0  | 201.8  |
| 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 12.5°  | 204.6 | 208.1 | 212.0  | 213.9  |
| 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 15°    | 217.5 | 223.0 | 227.3  | 230.4  |
| 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 17.5°  | 234.5 | 241.9 | 249.3  | 254.5  |
| 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 20°    | 256.2 | 266.8 | 277.3  | 283.8  |
| 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 22.5°  | 283.6 | 296.2 | 307.7  | 320.3  |
| 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 25°    | 321.4 | 339.0 | 359.3  | 370.3  |
| 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 27.5°  | 375.4 | 399.3 | 413.6  | 438.0  |
| 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 30°    | 427.0 | 456.3 | 490.9  | 524.7  |
| 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 32.5°  | 470.6 | 513.7 | 564.4  | 615.7  |
| 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35°    | 516.4 | 571.0 | 629.7  | 695.5  |
| 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.5°  | 571.3 | 627.8 | 691.1  | 763.2  |
| 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 40°    | 621.2 | 685.6 | 763.2  | 829.9  |
| 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 42.5°  | 676.3 | 744.9 | 832.4  | 909.4  |
| 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 45°    | 729.8 | 801.4 | 897.1  | 981.5  |
| 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 47.5°  | 776.7 | 848.5 | 950.6  | 1038.6 |
| 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 50°    | 814.3 | 894.3 | 993.9  | 1078.4 |
| 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 52.5°  | 843.6 | 928.4 | 1026.8 | 1105.8 |
| 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 55°    | 858.9 | 944.5 | 1036.9 | 1117.3 |
| 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 57.5°  | 861.1 | 943.4 | 1028.4 | 1106.9 |
| 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 60°    | 840.3 | 913.3 | 994.4  | 1076.4 |
| 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 62.5°  | 793.7 | 850.7 | 927.8  | 1009.0 |
| 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 65°    | 733.9 | 771.2 | 822.5  | 902.0  |
| 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 67.5°  | 675.2 | 699.9 | 726.8  | 785.4  |
|      |      |      |      |      |      |      |      | 70°    | 585.0 | 605.5 | 632.4  | 668.9  |
|      |      |      |      |      |      |      |      | 72.5°  | 455.0 | 482.1 | 501.3  | 536.7  |
|      |      |      |      |      |      |      |      | 75°    | 342.0 | 357.6 | 385.3  | 417.9  |
|      |      |      |      |      |      |      |      | 77.5°  | 240.5 | 256.4 | 288.0  | 325.3  |
|      |      |      |      |      |      |      |      | 80°    | 161.5 | 172.5 | 192.0  | 224.1  |
|      |      |      |      |      |      |      |      | 82.5°  | 99.0  | 111.6 | 128.1  | 155.8  |
|      |      |      |      |      |      |      |      | 85°    | 66.4  | 86.1  | 107.2  | 128.1  |
|      |      |      |      |      |      |      |      | 87.5°  | 28.0  | 47.2  | 59.8   | 62.8   |
|      |      |      |      |      |      |      |      | 90°    | 0.0   | 0.0   | 0.0    | 0.0    |
|      |      |      |      |      |      |      |      | 92.5°  | 0.0   | 0.0   | 0.0    | 0.0    |
|      |      |      |      |      |      |      |      | 95°    | 0.2   | 0.2   | 0.2    | 0.2    |
|      |      |      |      |      |      |      |      | 97.5°  | 0.5   | 0.5   | 0.5    | 0.5    |
|      |      |      |      |      |      |      |      | 100°   | 1.6   | 1.6   | 1.6    | 1.6    |
|      |      |      |      |      |      |      |      | 102.5° | 2.8   | 2.8   | 2.8    | 2.8    |
|      |      |      |      |      |      |      |      | 105°   | 3.8   | 3.8   | 3.8    | 3.8    |
|      |      |      |      |      |      |      |      | 107.5° | 4.8   | 4.8   | 4.8    | 4.8    |
|      |      |      |      |      |      |      |      | 110°   | 5.8   | 5.8   | 5.8    | 5.8    |





REPORT NUMBER: P173441

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G-CWB

**CANDELA DISTRIBUTION (continued):**

| 295°   | 300°   | 305°   | 310°   | 315°   | 320°  | 325°  |        | 275° | 280° | 285° | 290° | 295° |
|--------|--------|--------|--------|--------|-------|-------|--------|------|------|------|------|------|
| 178.0  | 178.0  | 178.0  | 178.0  | 178.0  | 178.0 | 178.0 | 112.5° | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  |
| 180.7  | 180.5  | 181.0  | 181.0  | 180.7  | 180.7 | 181.6 | 115°   | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  |
| 186.5  | 186.8  | 187.3  | 186.8  | 187.8  | 186.5 | 186.8 | 117.5° | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  |
| 194.5  | 194.7  | 195.6  | 195.3  | 196.1  | 195.3 | 194.2 | 120°   | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 |
| 204.6  | 205.1  | 205.1  | 206.5  | 207.9  | 206.2 | 204.3 | 122.5° | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 |
| 216.4  | 218.3  | 217.5  | 220.2  | 221.6  | 220.5 | 219.1 | 125°   | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 |
| 232.6  | 236.4  | 235.9  | 241.1  | 243.0  | 242.2 | 242.4 | 127.5° | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 |
| 256.7  | 262.2  | 263.0  | 271.2  | 276.5  | 275.6 | 274.3 | 130°   | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 |
| 284.7  | 298.9  | 302.2  | 309.4  | 315.1  | 317.3 | 317.0 | 132.5° | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 |
| 332.1  | 342.5  | 350.0  | 362.8  | 368.1  | 373.0 | 371.6 | 135°   | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 |
| 386.2  | 395.7  | 412.2  | 428.7  | 433.9  | 438.5 | 444.6 | 137.5° | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 |
| 455.2  | 469.2  | 495.3  | 517.5  | 530.1  | 526.3 | 524.4 | 140°   | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 |
| 548.8  | 583.9  | 603.1  | 621.2  | 629.4  | 617.3 | 602.0 | 142.5° | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 |
| 660.7  | 701.8  | 713.9  | 722.6  | 707.0  | 690.6 | 645.6 | 145°   | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 |
| 742.7  | 783.0  | 807.9  | 817.3  | 783.8  | 735.0 | 674.1 | 147.5° | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 |
| 816.7  | 857.6  | 868.6  | 872.7  | 827.7  | 764.6 | 705.4 | 150°   | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 |
| 895.4  | 929.7  | 936.0  | 933.8  | 874.0  | 799.4 | 744.0 | 152.5° | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 |
| 967.0  | 1002.1 | 996.3  | 986.8  | 918.7  | 843.3 | 782.2 | 155°   | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| 1035.0 | 1060.8 | 1050.4 | 1026.5 | 961.0  | 877.0 | 812.1 | 157.5° | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 1080.6 | 1102.2 | 1091.0 | 1060.8 | 990.0  | 899.8 | 828.5 | 160°   | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| 1115.1 | 1131.5 | 1125.0 | 1081.4 | 1007.1 | 913.8 | 835.9 | 162.5° | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 |
| 1132.4 | 1148.6 | 1144.7 | 1085.2 | 1009.2 | 916.0 | 832.4 | 165°   | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 |
| 1138.7 | 1157.1 | 1143.6 | 1070.9 | 994.7  | 907.8 | 820.0 | 167.5° | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 1133.5 | 1142.0 | 1122.2 | 1043.8 | 965.1  | 882.3 | 802.4 | 170°   | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 |
| 1114.3 | 1108.2 | 1081.1 | 996.6  | 923.1  | 846.9 | 783.0 | 172.5° | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 |
| 1060.5 | 1044.9 | 1023.0 | 942.1  | 867.2  | 791.0 | 752.8 | 175°   | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 |
| 949.7  | 945.4  | 935.2  | 875.1  | 800.8  | 728.1 | 703.7 | 177.5° | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 |
| 807.7  | 803.3  | 804.6  | 764.1  | 710.3  | 639.6 | 640.1 | 180°   | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 |
| 692.5  | 668.3  | 639.8  | 596.2  | 565.0  | 555.3 | 586.3 |        |      |      |      |      |      |
| 557.3  | 544.1  | 520.8  | 482.7  | 447.3  | 459.6 | 529.0 |        |      |      |      |      |      |
| 430.9  | 422.9  | 439.9  | 444.3  | 430.6  | 422.3 | 445.9 |        |      |      |      |      |      |
| 353.0  | 370.3  | 397.4  | 431.9  | 435.2  | 423.2 | 378.5 |        |      |      |      |      |      |
| 268.8  | 313.8  | 351.3  | 397.9  | 393.0  | 367.0 | 318.1 |        |      |      |      |      |      |
| 188.1  | 231.7  | 267.1  | 306.3  | 305.0  | 281.1 | 257.0 |        |      |      |      |      |      |
| 144.0  | 157.7  | 171.1  | 212.3  | 228.2  | 209.8 | 183.5 |        |      |      |      |      |      |
| 68.0   | 68.6   | 82.6   | 101.8  | 109.1  | 124.5 | 122.9 |        |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   |        |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   |        |      |      |      |      |      |
| 0.2    | 0.2    | 0.2    | 0.2    | 0.2    | 0.2   | 0.2   |        |      |      |      |      |      |
| 0.5    | 0.5    | 0.5    | 0.5    | 0.5    | 0.5   | 0.5   |        |      |      |      |      |      |
| 1.6    | 1.6    | 1.6    | 1.6    | 1.6    | 1.6   | 1.6   |        |      |      |      |      |      |
| 2.8    | 2.8    | 2.8    | 2.8    | 2.8    | 2.8   | 2.8   |        |      |      |      |      |      |
| 3.8    | 3.8    | 3.8    | 3.8    | 3.8    | 3.8   | 3.8   |        |      |      |      |      |      |
| 4.8    | 4.8    | 4.8    | 4.8    | 4.8    | 4.8   | 4.8   |        |      |      |      |      |      |
| 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8   | 5.8   |        |      |      |      |      |      |



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CATALOG NUMBER: ENC-FXX-LED-E1-SLR-7050-ULG-CWB

**CANDELA DISTRIBUTION (continued):**

| 300° | 305° | 310° | 315° | 320° | 325° |        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  |
|------|------|------|------|------|------|--------|-------|-------|-------|-------|-------|-------|
| 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 0°     | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 | 178.0 |
| 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 2.5°   | 181.8 | 181.6 | 181.6 | 181.6 | 181.8 | 181.6 |
| 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 5°     | 187.3 | 186.8 | 186.5 | 186.5 | 186.2 | 186.2 |
| 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 7.5°   | 194.5 | 193.4 | 193.4 | 192.5 | 192.3 | 191.4 |
| 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 10°    | 204.0 | 202.9 | 202.7 | 200.5 | 200.5 | 198.6 |
| 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 12.5°  | 218.0 | 218.0 | 218.0 | 215.3 | 214.8 | 211.4 |
| 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 15°    | 242.2 | 240.0 | 241.9 | 237.2 | 237.0 | 232.6 |
| 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 17.5°  | 274.8 | 274.8 | 271.0 | 268.8 | 267.4 | 261.1 |
| 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 20°    | 318.1 | 318.4 | 311.8 | 305.8 | 303.0 | 295.9 |
| 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 22.5°  | 373.3 | 368.1 | 359.8 | 355.4 | 351.1 | 339.2 |
| 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 25°    | 445.7 | 443.5 | 428.9 | 413.0 | 406.5 | 388.6 |
| 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 27.5°  | 516.7 | 512.0 | 488.7 | 461.6 | 444.8 | 420.4 |
| 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 30°    | 579.2 | 548.5 | 520.8 | 488.2 | 462.7 | 432.2 |
| 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 32.5°  | 611.8 | 573.2 | 532.9 | 506.0 | 473.9 | 440.2 |
| 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35°    | 637.1 | 595.7 | 555.6 | 520.8 | 484.6 | 446.5 |
| 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.5°  | 669.2 | 625.6 | 581.4 | 540.0 | 495.8 | 451.1 |
| 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 40°    | 704.8 | 654.9 | 600.3 | 550.1 | 500.5 | 449.5 |
| 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 42.5°  | 734.5 | 674.1 | 609.9 | 553.4 | 498.9 | 442.6 |
| 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 45°    | 750.9 | 682.1 | 610.7 | 549.9 | 492.3 | 434.1 |
| 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 47.5°  | 758.6 | 682.3 | 605.3 | 541.9 | 483.5 | 422.1 |
| 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 50°    | 757.8 | 675.5 | 594.8 | 531.2 | 473.6 | 409.5 |
| 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 52.5°  | 749.5 | 664.2 | 582.8 | 522.7 | 465.1 | 398.7 |
| 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 55°    | 736.9 | 652.2 | 570.7 | 517.0 | 458.0 | 390.0 |
| 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 57.5°  | 722.6 | 641.8 | 562.0 | 515.9 | 453.9 | 388.4 |
| 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 60°    | 716.4 | 642.8 | 567.4 | 508.2 | 451.7 | 391.9 |
| 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 62.5°  | 712.2 | 653.3 | 578.7 | 513.4 | 455.2 | 407.0 |
| 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 65°    | 695.5 | 667.8 | 595.9 | 532.0 | 481.0 | 442.4 |
| 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 67.5°  | 675.5 | 671.9 | 602.8 | 543.0 | 510.4 | 488.4 |
|      |      |      |      |      |      | 70°    | 654.6 | 667.5 | 612.7 | 571.8 | 553.7 | 544.9 |
|      |      |      |      |      |      | 72.5°  | 621.2 | 636.0 | 585.0 | 560.6 | 555.1 | 548.8 |
|      |      |      |      |      |      | 75°    | 518.1 | 520.8 | 481.9 | 468.4 | 478.0 | 463.2 |
|      |      |      |      |      |      | 77.5°  | 372.4 | 379.6 | 354.3 | 357.9 | 389.2 | 357.1 |
|      |      |      |      |      |      | 80°    | 275.9 | 247.9 | 232.0 | 242.7 | 272.6 | 226.8 |
|      |      |      |      |      |      | 82.5°  | 227.3 | 184.0 | 156.1 | 170.6 | 182.1 | 133.8 |
|      |      |      |      |      |      | 85°    | 175.0 | 140.4 | 115.5 | 93.2  | 88.9  | 57.3  |
|      |      |      |      |      |      | 87.5°  | 137.4 | 101.5 | 56.5  | 31.8  | 21.4  | 1.4   |
|      |      |      |      |      |      | 90°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
|      |      |      |      |      |      | 92.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
|      |      |      |      |      |      | 95°    | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   |
|      |      |      |      |      |      | 97.5°  | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |
|      |      |      |      |      |      | 100°   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   |
|      |      |      |      |      |      | 102.5° | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   |
|      |      |      |      |      |      | 105°   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   |
|      |      |      |      |      |      | 107.5° | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   |
|      |      |      |      |      |      | 110°   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   | 5.8   |



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CATALOG NUMBER: ENC-FXX-LED-E1-SLR-7050-ULG-CWB

**CANDELA DISTRIBUTION (continued):**

| 360°  | 330°   | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|------|------|------|------|------|------|
| 178.0 | 112.5° | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  |
| 181.8 | 115°   | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  |
| 186.2 | 117.5° | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  |
| 191.4 | 120°   | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 |
| 199.4 | 122.5° | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 |
| 210.9 | 125°   | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 |
| 231.5 | 127.5° | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 |
| 258.1 | 130°   | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 |
| 290.7 | 132.5° | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 |
| 327.5 | 135°   | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 |
| 369.4 | 137.5° | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 |
| 395.2 | 140°   | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 |
| 400.7 | 142.5° | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 |
| 404.5 | 145°   | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 |
| 405.6 | 147.5° | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 |
| 404.0 | 150°   | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 |
| 397.4 | 152.5° | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 |
| 388.9 | 155°   | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| 378.2 | 157.5° | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 365.0 | 160°   | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| 352.7 | 162.5° | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 |
| 343.1 | 165°   | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 |
| 337.1 | 167.5° | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 337.9 | 170°   | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 |
| 346.4 | 172.5° | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 |
| 367.8 | 175°   | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 |
| 408.4 | 177.5° | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 |
| 448.1 | 180°   | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 |
| 486.5 |        |      |      |      |      |      |      |
| 461.3 |        |      |      |      |      |      |      |
| 352.1 |        |      |      |      |      |      |      |
| 253.4 |        |      |      |      |      |      |      |
| 147.0 |        |      |      |      |      |      |      |
| 91.9  |        |      |      |      |      |      |      |
| 39.8  |        |      |      |      |      |      |      |
| 1.4   |        |      |      |      |      |      |      |
| 0.0   |        |      |      |      |      |      |      |
| 0.0   |        |      |      |      |      |      |      |
| 0.2   |        |      |      |      |      |      |      |
| 0.5   |        |      |      |      |      |      |      |
| 1.6   |        |      |      |      |      |      |      |
| 2.8   |        |      |      |      |      |      |      |
| 3.8   |        |      |      |      |      |      |      |
| 4.8   |        |      |      |      |      |      |      |
| 5.8   |        |      |      |      |      |      |      |

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Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



(REPORT)