

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: P89308

Luminaire Tested: **ENC-BXX-LED-E1-SLL-BBB**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P89308  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P21334)  
Test Lab: INNOVATION CENTER P2  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ENC-BXX-LED-E1-SLL-BBB  
Description: ENTRI LED LUMINAIRE, EMERGENCY MODE  
LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1251.3 lumens  
Efficiency: N/A  
Efficacy: 227.5 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B0 - U0 - 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



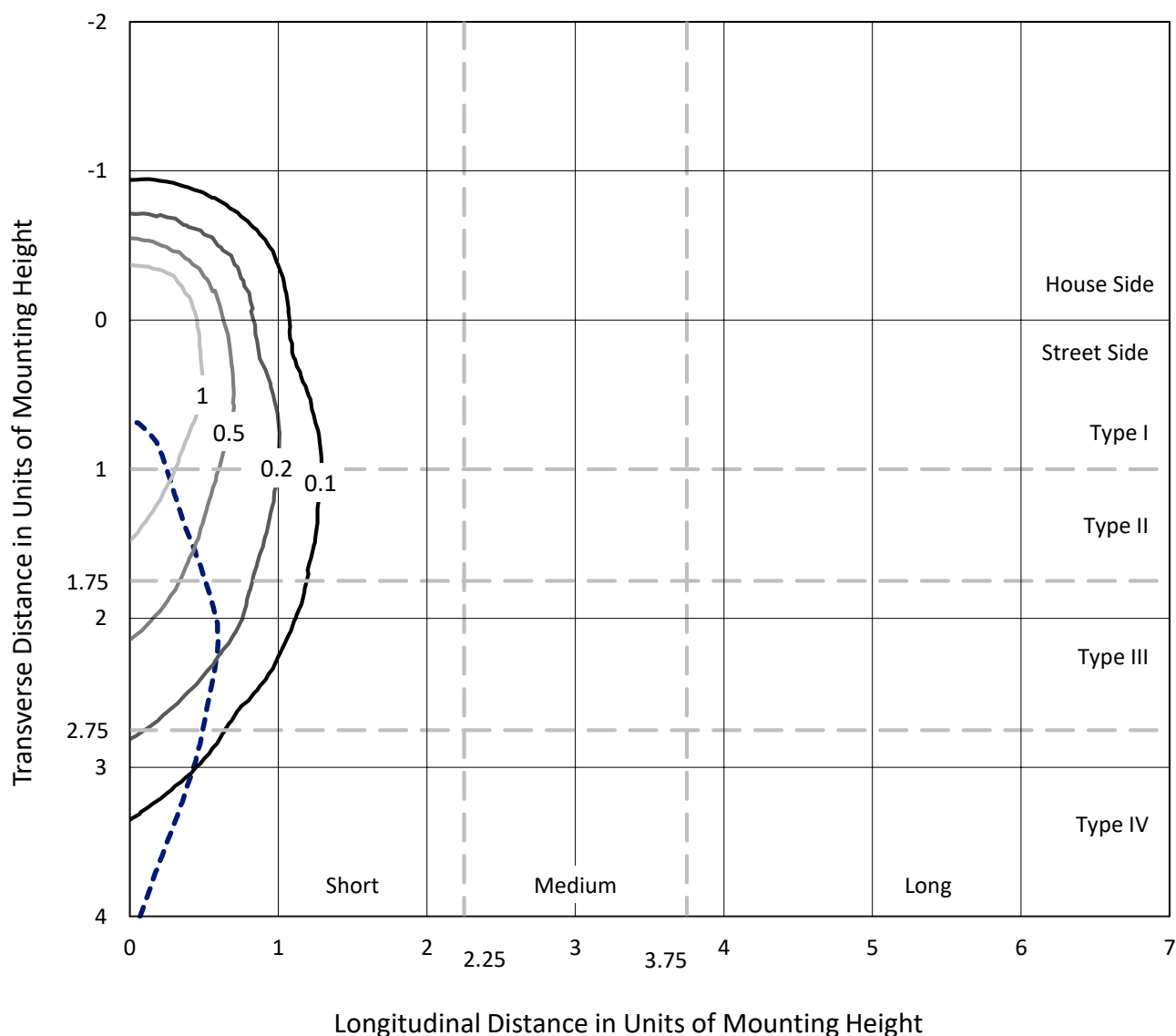
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CATALOG NUMBER: ENC-BXX-LED-E1-SLL-BBB

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

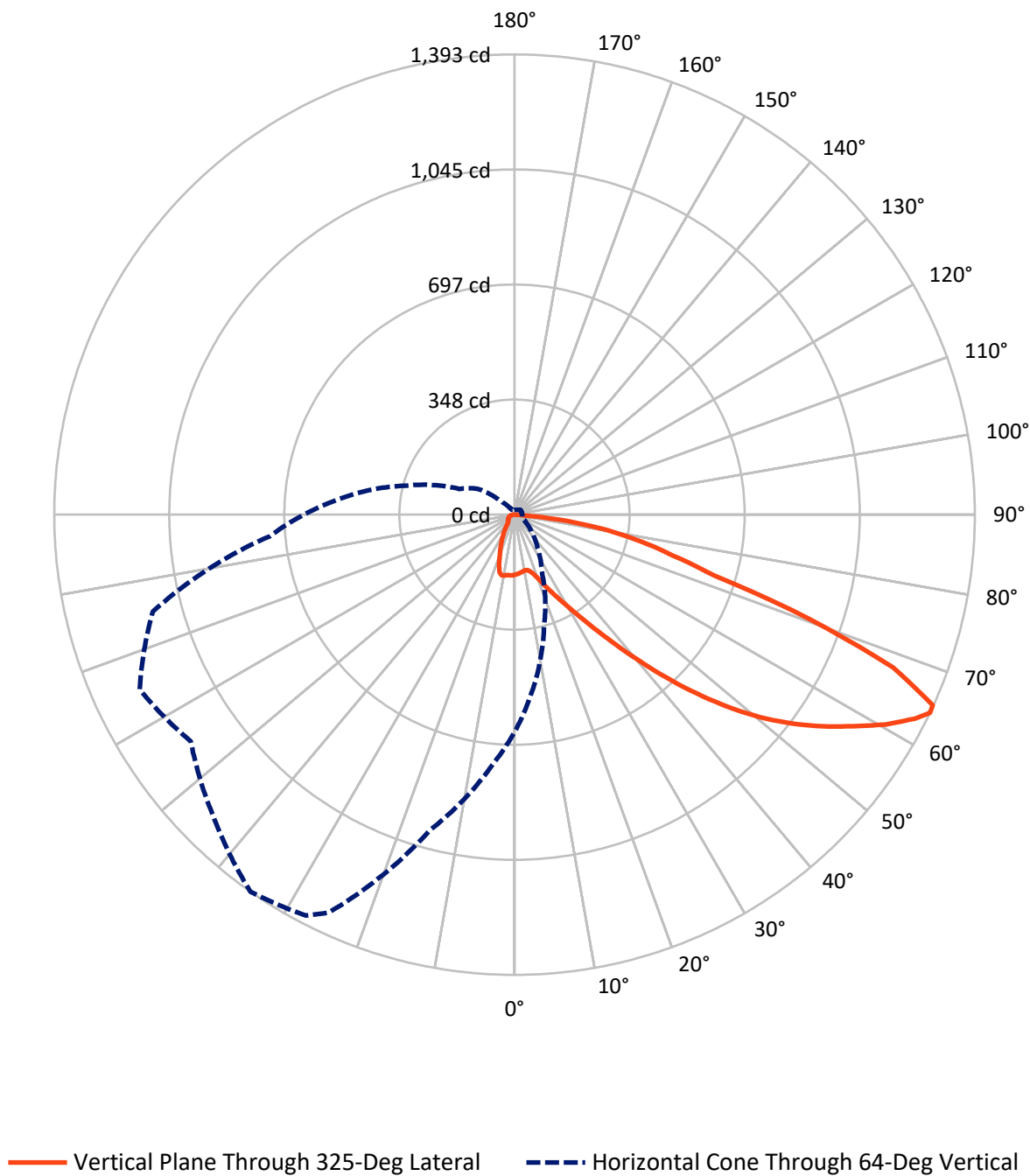


Based on 10 foot mounting height. Maximum calculated value = 1.9 fc  
 Type IV - Short - Non-Cutoff

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## Luminous Intensity Polar Plot



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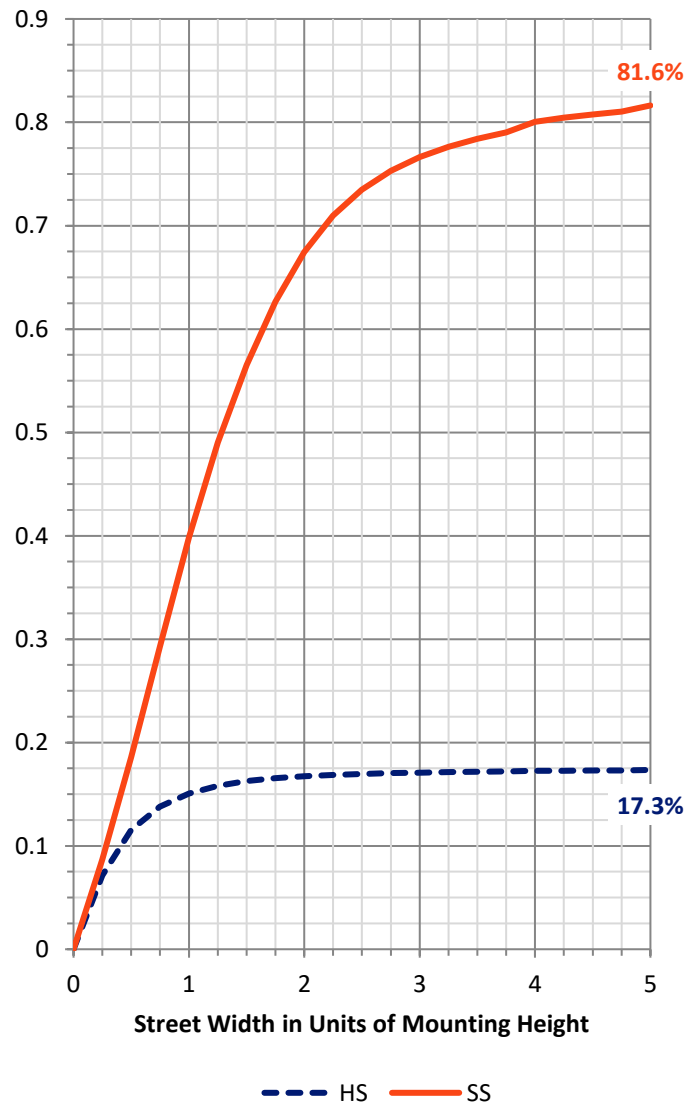
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 219.5    | 0.0    | 219.5  |
|                    | % Fixture | 17.5     | 0.0    | 17.5   |
| <b>Street Side</b> | Lumens    | 1031.8   | 0.0    | 1031.8 |
|                    | % Fixture | 82.5     | 0.0    | 82.5   |
| <b>Total</b>       | Lumens    | 1251.3   | 0.0    | 1251.3 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 17.1   | 1.4       |
| 10°-20°   | 49.2   | 3.9       |
| 20°-30°   | 79.5   | 6.3       |
| 30°-40°   | 121.9  | 9.7       |
| 40°-50°   | 188.3  | 15.1      |
| 50°-60°   | 269.0  | 21.5      |
| 60°-70°   | 331.5  | 26.5      |
| 70°-80°   | 167.9  | 13.4      |
| 80°-90°   | 26.9   | 2.1       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 1251.3 | 100.0     |
| 0°-180°   | 1251.3 | 100.0     |

**Coefficient of Utilization**



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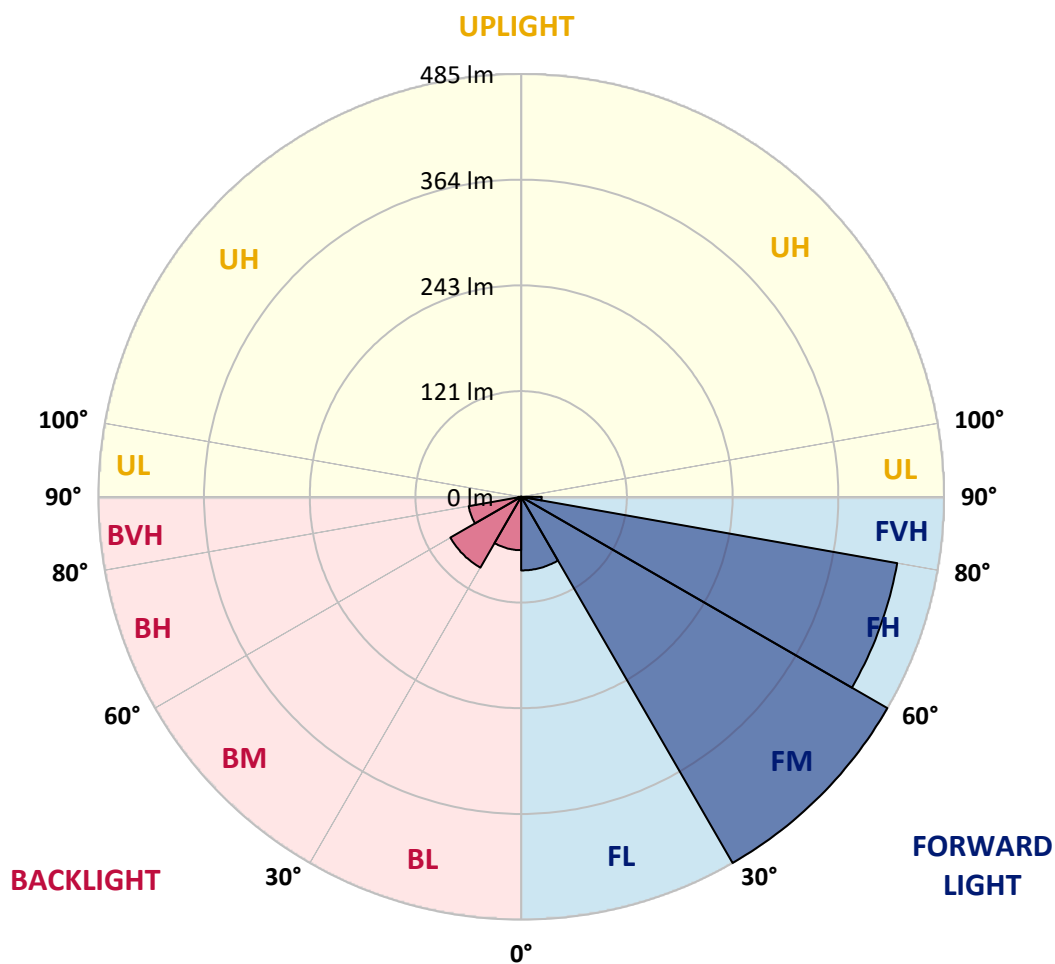
CATALOG NUMBER: ENC-BXX-LED-E1-SLL-BBB

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |        |
|------|-------------|--------|-----------|-------------------------|------|--------|
|      |             |        |           | B                       | U    | G      |
| FL   | (0°-30°)    | 84.5   | 6.8       |                         |      |        |
| FM   | (30°-60°)   | 485.4  | 38.8      |                         |      |        |
| FH   | (60°-80°)   | 438.3  | 35.0      |                         |      | G0/660 |
| FVH  | (80°-90°)   | 23.6   | 1.9       |                         |      | G1/100 |
| BL   | (0°-30°)    | 61.3   | 4.9       | B0/110                  |      |        |
| BM   | (30°-60°)   | 93.8   | 7.5       | B0/220                  |      |        |
| BH   | (60°-80°)   | 61.2   | 4.9       | B0/110                  |      | G0/110 |
| BVH  | (80°-90°)   | 3.3    | 0.3       |                         |      | G0/10  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |        |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |        |

**BUG Rating: B0-U0-G1**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 15°   | 25°   | 27.5° | 35°   | 45°   | 55°   | 65°   | 75°   | 85°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 |
| 2.5°  | 183.2 | 183.2 | 182.8 | 182.8 | 182.8 | 183.2 | 184.0 | 184.0 | 184.0 | 184.0 | 184.4 |
| 5°    | 182.8 | 183.6 | 182.8 | 183.6 | 184.0 | 183.6 | 184.4 | 184.8 | 184.4 | 184.4 | 184.8 |
| 7.5°  | 183.6 | 184.4 | 184.0 | 186.0 | 186.0 | 186.4 | 186.4 | 186.8 | 186.8 | 187.2 | 187.2 |
| 10°   | 180.4 | 181.6 | 182.4 | 186.0 | 186.8 | 188.0 | 189.6 | 191.1 | 190.8 | 191.1 | 191.1 |
| 12.5° | 176.0 | 176.0 | 177.6 | 180.8 | 182.0 | 185.2 | 190.8 | 193.9 | 194.3 | 194.7 | 192.7 |
| 15°   | 177.2 | 175.6 | 175.2 | 176.4 | 178.0 | 182.4 | 188.8 | 193.9 | 194.3 | 193.2 | 190.3 |
| 17.5° | 183.6 | 182.0 | 179.6 | 178.4 | 179.6 | 181.6 | 188.0 | 192.0 | 188.0 | 184.0 | 179.6 |
| 20°   | 195.5 | 193.2 | 188.8 | 187.2 | 187.6 | 187.6 | 187.2 | 185.2 | 176.4 | 169.7 | 161.7 |
| 22.5° | 209.5 | 206.3 | 202.7 | 199.9 | 199.1 | 197.9 | 190.8 | 178.0 | 163.3 | 152.1 | 143.0 |
| 25°   | 226.6 | 223.8 | 219.8 | 213.8 | 213.5 | 209.1 | 195.5 | 171.6 | 151.7 | 139.8 | 129.0 |
| 27.5° | 249.7 | 246.9 | 239.3 | 229.0 | 226.6 | 215.0 | 194.7 | 165.2 | 142.2 | 128.6 | 116.3 |
| 30°   | 277.6 | 273.2 | 258.5 | 239.7 | 235.0 | 216.6 | 191.5 | 158.1 | 133.0 | 117.1 | 102.3 |
| 32.5° | 311.0 | 301.5 | 276.4 | 245.7 | 238.5 | 217.4 | 186.8 | 150.5 | 122.3 | 103.2 | 86.8  |
| 35°   | 345.3 | 330.1 | 291.5 | 248.9 | 238.9 | 212.6 | 179.6 | 140.2 | 109.1 | 87.2  | 70.9  |
| 37.5° | 381.5 | 356.8 | 302.3 | 247.7 | 235.8 | 204.7 | 169.7 | 127.4 | 94.4  | 70.9  | 54.9  |
| 40°   | 416.6 | 381.5 | 309.4 | 243.3 | 230.2 | 194.7 | 156.9 | 113.5 | 80.0  | 55.8  | 42.2  |
| 42.5° | 449.6 | 403.4 | 315.4 | 236.5 | 222.2 | 184.8 | 142.2 | 99.6  | 68.5  | 45.8  | 35.0  |
| 45°   | 478.3 | 420.1 | 318.6 | 230.2 | 214.2 | 173.2 | 126.2 | 90.4  | 61.3  | 40.2  | 32.2  |
| 47.5° | 497.8 | 433.7 | 321.0 | 223.8 | 205.9 | 161.7 | 115.1 | 84.8  | 56.6  | 36.2  | 31.0  |
| 50°   | 514.5 | 444.8 | 322.6 | 217.4 | 199.1 | 152.1 | 109.1 | 80.8  | 52.2  | 33.1  | 29.5  |
| 52.5° | 532.8 | 459.5 | 324.5 | 211.4 | 192.7 | 147.0 | 105.1 | 75.7  | 47.4  | 30.3  | 27.9  |
| 55°   | 557.9 | 479.9 | 331.3 | 207.5 | 188.8 | 144.2 | 100.8 | 70.5  | 42.6  | 28.3  | 26.7  |
| 57.5° | 589.4 | 503.8 | 337.3 | 205.9 | 187.2 | 141.0 | 95.2  | 64.1  | 37.4  | 26.7  | 25.5  |
| 60°   | 626.8 | 529.3 | 344.9 | 205.9 | 186.4 | 137.0 | 88.0  | 57.3  | 33.1  | 25.9  | 25.1  |
| 62.5° | 652.3 | 550.4 | 351.2 | 206.3 | 183.2 | 130.6 | 80.0  | 50.6  | 29.5  | 25.1  | 24.7  |
| 64°   | 658.7 | 551.6 | 345.3 | 199.1 | 175.2 | 121.1 | 71.7  | 43.4  | 26.3  | 24.3  | 23.9  |
| 65°   | 663.8 | 557.9 | 349.2 | 201.5 | 176.8 | 121.9 | 72.1  | 43.4  | 26.3  | 24.3  | 23.9  |
| 67.5° | 595.3 | 494.6 | 308.6 | 182.0 | 160.1 | 108.3 | 61.3  | 35.8  | 24.3  | 23.5  | 23.1  |
| 70°   | 544.0 | 444.4 | 238.9 | 144.2 | 131.4 | 87.6  | 47.4  | 28.7  | 22.7  | 22.7  | 21.9  |
| 72.5° | 454.8 | 362.0 | 196.3 | 115.1 | 98.0  | 59.3  | 36.2  | 25.1  | 21.9  | 21.5  | 21.1  |
| 75°   | 375.1 | 288.7 | 165.7 | 84.0  | 68.5  | 41.4  | 30.3  | 23.9  | 21.1  | 20.7  | 19.9  |
| 77.5° | 305.0 | 224.2 | 124.3 | 56.6  | 48.2  | 35.5  | 27.1  | 22.7  | 20.3  | 20.3  | 19.5  |
| 80°   | 217.8 | 143.4 | 72.1  | 40.2  | 37.0  | 31.0  | 24.3  | 20.3  | 18.7  | 19.1  | 17.5  |
| 82.5° | 160.5 | 94.0  | 46.6  | 28.3  | 28.7  | 24.3  | 21.5  | 18.3  | 17.1  | 17.1  | 16.7  |
| 85°   | 94.0  | 54.2  | 26.3  | 20.3  | 20.7  | 18.7  | 16.3  | 16.3  | 15.1  | 14.7  | 14.3  |
| 87.5° | 2.0   | 16.3  | 11.1  | 11.6  | 12.3  | 14.3  | 13.9  | 13.1  | 11.9  | 11.6  | 11.1  |
| 90°   | 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°    | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 |
| 2.5°  | 184.4 | 184.4 | 184.4 | 183.2 | 183.2 | 182.8 | 184.0 | 184.0 | 182.8 | 182.8 | 180.4 |
| 5°    | 184.8 | 184.8 | 184.8 | 183.6 | 183.2 | 183.2 | 184.0 | 184.4 | 182.8 | 182.0 | 179.6 |
| 7.5°  | 186.8 | 186.8 | 186.4 | 185.2 | 184.4 | 184.0 | 184.4 | 185.2 | 184.0 | 183.2 | 181.2 |
| 10°   | 190.8 | 190.8 | 189.6 | 188.8 | 187.2 | 186.4 | 186.8 | 187.6 | 185.6 | 184.8 | 183.2 |
| 12.5° | 193.2 | 192.3 | 191.5 | 190.8 | 189.6 | 189.1 | 188.0 | 185.2 | 182.0 | 179.6 | 176.8 |
| 15°   | 190.8 | 190.0 | 190.3 | 188.0 | 187.2 | 185.2 | 180.4 | 172.8 | 164.9 | 161.3 | 159.3 |
| 17.5° | 179.2 | 176.8 | 177.2 | 177.2 | 175.6 | 168.8 | 159.3 | 149.3 | 141.0 | 138.6 | 137.0 |
| 20°   | 159.3 | 156.5 | 155.3 | 156.1 | 152.9 | 144.6 | 134.6 | 127.4 | 121.9 | 121.9 | 121.5 |
| 22.5° | 139.4 | 136.6 | 131.8 | 128.6 | 123.8 | 118.3 | 113.5 | 109.9 | 108.3 | 108.7 | 108.7 |
| 25°   | 125.4 | 121.5 | 114.3 | 109.1 | 103.9 | 99.6  | 97.2  | 95.2  | 94.0  | 95.2  | 95.6  |
| 27.5° | 111.1 | 106.7 | 99.2  | 93.6  | 88.4  | 84.4  | 82.0  | 80.8  | 79.6  | 80.0  | 80.5  |
| 30°   | 96.4  | 92.0  | 84.8  | 79.6  | 74.9  | 70.1  | 68.1  | 66.1  | 65.3  | 64.5  | 64.9  |
| 32.5° | 80.5  | 75.7  | 70.9  | 66.9  | 62.1  | 58.1  | 55.8  | 53.0  | 50.6  | 49.0  | 48.2  |
| 35°   | 64.5  | 61.3  | 57.8  | 54.6  | 51.0  | 47.4  | 44.6  | 40.6  | 37.8  | 36.2  | 35.5  |
| 37.5° | 51.0  | 48.6  | 46.6  | 45.0  | 42.2  | 39.0  | 35.8  | 32.2  | 30.3  | 29.5  | 28.7  |
| 40°   | 39.4  | 38.6  | 38.6  | 37.8  | 35.5  | 32.7  | 30.3  | 28.3  | 27.9  | 27.5  | 27.1  |
| 42.5° | 34.6  | 34.6  | 34.3  | 33.4  | 31.5  | 30.3  | 28.7  | 27.9  | 27.1  | 26.7  | 25.9  |
| 45°   | 32.7  | 32.2  | 32.2  | 32.2  | 30.7  | 29.1  | 28.3  | 26.7  | 25.9  | 25.5  | 24.7  |
| 47.5° | 31.0  | 30.7  | 30.7  | 30.7  | 29.5  | 27.9  | 26.7  | 25.5  | 24.7  | 23.9  | 23.5  |
| 50°   | 29.5  | 29.5  | 29.5  | 29.5  | 28.3  | 26.7  | 25.5  | 24.3  | 23.1  | 22.3  | 21.5  |
| 52.5° | 27.9  | 27.5  | 27.5  | 27.9  | 26.7  | 25.1  | 23.9  | 22.3  | 21.1  | 20.3  | 20.3  |
| 55°   | 26.3  | 25.9  | 25.9  | 26.3  | 25.5  | 23.5  | 22.7  | 20.7  | 19.9  | 19.5  | 19.1  |
| 57.5° | 25.5  | 25.1  | 24.3  | 24.7  | 24.3  | 22.3  | 21.5  | 19.5  | 18.7  | 18.3  | 18.3  |
| 60°   | 24.7  | 24.3  | 23.9  | 24.3  | 23.9  | 21.1  | 20.3  | 18.3  | 17.1  | 17.5  | 17.1  |
| 62.5° | 24.3  | 23.5  | 22.7  | 23.1  | 23.5  | 21.1  | 19.5  | 17.1  | 15.9  | 16.3  | 15.9  |
| 64°   | 23.5  | 23.1  | 22.3  | 22.7  | 23.1  | 20.7  | 18.3  | 15.9  | 15.1  | 15.1  | 14.7  |
| 65°   | 23.9  | 23.1  | 22.3  | 22.3  | 22.7  | 20.7  | 18.7  | 15.9  | 14.7  | 14.7  | 14.7  |
| 67.5° | 23.1  | 22.7  | 21.5  | 21.1  | 21.1  | 19.1  | 17.1  | 14.7  | 13.5  | 13.5  | 13.5  |
| 70°   | 21.5  | 21.5  | 19.9  | 18.7  | 18.7  | 17.1  | 15.5  | 13.1  | 12.8  | 12.8  | 13.1  |
| 72.5° | 20.7  | 19.9  | 18.7  | 17.5  | 16.7  | 15.1  | 13.9  | 12.3  | 11.9  | 12.3  | 11.9  |
| 75°   | 19.5  | 19.1  | 17.5  | 16.3  | 14.7  | 13.5  | 12.8  | 11.6  | 11.1  | 11.6  | 11.6  |
| 77.5° | 18.7  | 17.9  | 16.7  | 15.1  | 13.1  | 12.3  | 11.6  | 10.4  | 10.0  | 10.4  | 10.4  |
| 80°   | 16.7  | 15.9  | 14.3  | 13.1  | 11.6  | 10.7  | 10.0  | 8.0   | 8.4   | 8.8   | 8.8   |
| 82.5° | 15.9  | 14.7  | 13.1  | 11.6  | 10.4  | 9.2   | 8.4   | 7.2   | 7.2   | 7.6   | 7.2   |
| 85°   | 13.5  | 13.1  | 11.6  | 10.0  | 8.4   | 7.6   | 6.8   | 5.2   | 5.2   | 4.8   | 4.4   |
| 87.5° | 10.7  | 10.4  | 9.2   | 8.0   | 6.4   | 5.6   | 4.8   | 3.6   | 2.8   | 0.8   | 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   |



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**CANDELA DISTRIBUTION (continued):**

|       | 185°  | 195°  | 205°  | 215°  | 225°  | 235°  | 245°  | 255°  | 265°  | 270°  | 275°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 | 182.0 |
| 2.5°  | 179.6 | 180.0 | 179.2 | 178.4 | 178.0 | 176.4 | 177.2 | 177.2 | 177.2 | 176.8 | 176.4 |
| 5°    | 179.6 | 178.8 | 178.0 | 176.0 | 175.6 | 172.4 | 172.0 | 171.2 | 170.0 | 169.7 | 170.0 |
| 7.5°  | 181.2 | 179.6 | 177.6 | 174.4 | 170.8 | 167.3 | 164.9 | 163.3 | 162.5 | 162.1 | 162.5 |
| 10°   | 183.2 | 181.2 | 178.4 | 174.0 | 168.1 | 162.9 | 159.3 | 157.3 | 157.3 | 157.3 | 156.9 |
| 12.5° | 176.4 | 175.6 | 174.0 | 169.3 | 165.2 | 160.5 | 157.3 | 155.7 | 155.3 | 156.5 | 156.5 |
| 15°   | 159.3 | 160.1 | 161.3 | 161.7 | 161.3 | 161.7 | 161.7 | 161.3 | 160.5 | 161.7 | 162.1 |
| 17.5° | 138.2 | 141.0 | 144.6 | 148.9 | 155.7 | 161.7 | 168.1 | 172.0 | 172.8 | 174.4 | 174.4 |
| 20°   | 122.6 | 126.2 | 131.8 | 140.2 | 151.3 | 162.9 | 173.6 | 183.2 | 188.0 | 190.0 | 188.8 |
| 22.5° | 109.9 | 113.5 | 121.1 | 132.2 | 147.0 | 165.2 | 180.0 | 195.1 | 203.1 | 205.9 | 204.7 |
| 25°   | 96.4  | 101.1 | 109.9 | 123.1 | 143.0 | 167.6 | 186.8 | 207.1 | 221.4 | 227.4 | 226.6 |
| 27.5° | 82.0  | 87.2  | 97.2  | 112.7 | 137.8 | 167.6 | 191.5 | 218.2 | 241.3 | 250.5 | 253.7 |
| 30°   | 66.1  | 72.9  | 84.4  | 101.5 | 130.2 | 164.1 | 192.3 | 228.6 | 263.2 | 276.4 | 286.3 |
| 32.5° | 49.8  | 55.8  | 69.7  | 90.8  | 122.3 | 156.5 | 189.1 | 233.8 | 282.4 | 302.7 | 318.2 |
| 35°   | 36.2  | 41.8  | 54.6  | 77.6  | 111.9 | 148.2 | 183.2 | 237.7 | 299.1 | 328.1 | 351.6 |
| 37.5° | 29.1  | 32.7  | 44.6  | 66.5  | 99.9  | 138.2 | 178.0 | 239.3 | 314.2 | 350.4 | 383.5 |
| 40°   | 26.7  | 29.1  | 40.2  | 60.9  | 90.4  | 128.6 | 173.6 | 242.5 | 328.6 | 369.2 | 411.0 |
| 42.5° | 25.5  | 26.7  | 37.0  | 58.5  | 86.4  | 120.3 | 168.8 | 246.5 | 340.5 | 386.3 | 435.3 |
| 45°   | 24.7  | 25.1  | 33.1  | 55.4  | 85.6  | 116.3 | 166.1 | 250.5 | 354.0 | 403.8 | 459.2 |
| 47.5° | 23.1  | 23.5  | 29.5  | 51.8  | 82.8  | 116.7 | 165.7 | 254.5 | 364.8 | 418.5 | 480.3 |
| 50°   | 21.5  | 21.9  | 26.7  | 47.8  | 80.5  | 116.7 | 166.1 | 260.4 | 377.1 | 434.5 | 503.4 |
| 52.5° | 20.3  | 20.3  | 23.5  | 43.8  | 76.9  | 115.9 | 171.6 | 270.4 | 394.6 | 453.6 | 527.2 |
| 55°   | 19.1  | 19.1  | 21.5  | 40.6  | 73.7  | 114.7 | 175.6 | 288.7 | 427.3 | 485.4 | 557.1 |
| 57.5° | 18.3  | 18.3  | 19.9  | 36.6  | 70.5  | 113.1 | 179.2 | 306.2 | 467.9 | 538.0 | 612.5 |
| 60°   | 17.5  | 17.5  | 18.7  | 32.2  | 65.7  | 110.3 | 183.2 | 320.6 | 499.4 | 580.6 | 665.4 |
| 62.5° | 16.3  | 16.3  | 17.1  | 27.9  | 60.1  | 105.5 | 184.0 | 332.9 | 520.1 | 610.1 | 708.5 |
| 64°   | 15.1  | 15.5  | 16.3  | 24.3  | 55.4  | 136.2 | 184.0 | 339.7 | 534.4 | 637.6 | 742.3 |
| 65°   | 14.7  | 15.1  | 15.5  | 23.1  | 53.0  | 97.2  | 178.8 | 332.1 | 526.9 | 631.6 | 736.7 |
| 67.5° | 13.5  | 13.9  | 13.9  | 18.3  | 44.6  | 84.8  | 162.1 | 308.2 | 507.7 | 622.8 | 719.6 |
| 70°   | 13.1  | 13.1  | 12.3  | 13.1  | 36.6  | 68.9  | 133.8 | 258.5 | 451.2 | 565.5 | 627.6 |
| 72.5° | 12.3  | 12.8  | 11.6  | 11.6  | 26.7  | 54.6  | 103.5 | 205.5 | 385.5 | 470.3 | 514.1 |
| 75°   | 11.6  | 11.6  | 10.7  | 11.1  | 20.3  | 37.0  | 77.2  | 147.7 | 276.4 | 349.6 | 401.0 |
| 77.5° | 10.4  | 10.0  | 9.6   | 10.4  | 16.3  | 26.7  | 56.6  | 107.9 | 166.4 | 226.2 | 287.1 |
| 80°   | 8.8   | 8.4   | 8.0   | 8.0   | 10.7  | 13.5  | 23.5  | 51.4  | 88.0  | 125.0 | 156.9 |
| 82.5° | 7.6   | 6.4   | 6.0   | 5.2   | 4.8   | 3.6   | 4.4   | 3.6   | 0.4   | 0.8   | 2.8   |
| 85°   | 4.4   | 3.6   | 2.0   | 0.4   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 87.5° | 0.0   | 0.0   | 0.0   | 0.0   | 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   |

REPORT NUMBER: P89308

CATALOG NUMBER: ENC-BXX-LED-E1-SLL-BBB

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 332.5° | 335°   | 345°   | 355°  | 360°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 0°    | 182.0  | 182.0  | 182.0  | 182.0  | 182.0  | 182.0  | 182.0  | 182.0  | 182.0 | 182.0 |
| 2.5°  | 176.4  | 176.8  | 177.6  | 179.6  | 180.0  | 182.0  | 182.4  | 182.4  | 182.8 | 183.2 |
| 5°    | 169.7  | 171.2  | 172.4  | 175.6  | 176.8  | 180.8  | 180.8  | 181.6  | 182.0 | 182.8 |
| 7.5°  | 162.5  | 164.9  | 166.4  | 170.8  | 174.4  | 178.4  | 179.2  | 181.6  | 182.8 | 183.6 |
| 10°   | 157.7  | 160.9  | 164.1  | 167.6  | 171.6  | 174.8  | 175.6  | 179.2  | 180.4 | 180.4 |
| 12.5° | 157.7  | 160.5  | 164.9  | 168.8  | 172.4  | 174.4  | 174.4  | 175.6  | 176.4 | 176.0 |
| 15°   | 164.5  | 166.9  | 171.2  | 174.4  | 178.0  | 180.4  | 180.4  | 180.4  | 178.4 | 177.2 |
| 17.5° | 176.4  | 178.0  | 182.0  | 185.6  | 189.6  | 191.1  | 191.1  | 189.6  | 186.4 | 183.6 |
| 20°   | 190.8  | 193.2  | 198.3  | 203.9  | 207.5  | 208.7  | 207.9  | 205.5  | 198.7 | 195.5 |
| 22.5° | 206.7  | 211.9  | 217.8  | 226.2  | 230.6  | 231.4  | 229.4  | 224.6  | 214.2 | 209.5 |
| 25°   | 229.4  | 234.1  | 242.1  | 252.9  | 258.5  | 256.9  | 255.3  | 247.3  | 232.6 | 226.6 |
| 27.5° | 258.8  | 263.2  | 275.2  | 286.7  | 290.3  | 286.7  | 284.7  | 274.8  | 256.5 | 249.7 |
| 30°   | 297.9  | 300.3  | 316.2  | 327.7  | 326.9  | 322.2  | 319.0  | 305.8  | 285.9 | 277.6 |
| 32.5° | 345.3  | 350.4  | 364.4  | 378.3  | 373.9  | 364.4  | 360.0  | 344.1  | 322.2 | 311.0 |
| 35°   | 395.8  | 409.8  | 420.9  | 440.1  | 430.9  | 414.5  | 409.0  | 389.5  | 362.8 | 345.3 |
| 37.5° | 444.8  | 476.7  | 487.0  | 515.7  | 500.2  | 475.9  | 468.3  | 444.8  | 407.0 | 381.5 |
| 40°   | 489.8  | 546.8  | 563.9  | 609.3  | 581.8  | 548.4  | 540.0  | 510.5  | 452.4 | 416.6 |
| 42.5° | 530.5  | 609.3  | 641.5  | 710.0  | 674.6  | 631.2  | 621.2  | 578.2  | 495.4 | 449.6 |
| 45°   | 573.4  | 667.0  | 719.2  | 812.0  | 771.8  | 716.8  | 703.3  | 643.5  | 535.2 | 478.3 |
| 47.5° | 612.1  | 721.2  | 790.1  | 901.6  | 869.7  | 800.0  | 781.7  | 698.9  | 567.1 | 497.8 |
| 50°   | 649.5  | 775.3  | 858.2  | 972.1  | 964.5  | 878.9  | 859.0  | 750.7  | 595.8 | 514.5 |
| 52.5° | 686.5  | 825.9  | 923.9  | 1031.0 | 1050.5 | 959.3  | 929.8  | 798.0  | 621.2 | 532.8 |
| 55°   | 725.2  | 880.5  | 990.8  | 1084.0 | 1131.0 | 1046.5 | 1011.9 | 846.6  | 649.5 | 557.9 |
| 57.5° | 787.3  | 952.6  | 1051.7 | 1129.4 | 1208.6 | 1148.5 | 1111.1 | 906.0  | 684.6 | 589.4 |
| 60°   | 861.4  | 1086.4 | 1129.4 | 1193.9 | 1289.9 | 1271.5 | 1246.1 | 979.6  | 732.7 | 626.8 |
| 62.5° | 922.3  | 1215.8 | 1192.7 | 1247.3 | 1359.9 | 1364.3 | 1344.0 | 1033.4 | 754.6 | 652.3 |
| 64°   | 1133.4 | 1252.0 | 1196.3 | 1289.9 | 1393.4 | 1368.3 | 1328.9 | 988.8  | 759.4 | 658.7 |
| 65°   | 954.5  | 1243.3 | 1190.7 | 1283.1 | 1391.4 | 1359.2 | 1316.9 | 993.2  | 761.0 | 663.8 |
| 67.5° | 895.6  | 1167.2 | 1108.3 | 1211.4 | 1236.1 | 1214.2 | 1170.4 | 868.9  | 677.8 | 595.3 |
| 70°   | 726.8  | 967.3  | 919.9  | 967.7  | 948.6  | 984.0  | 970.9  | 758.2  | 613.3 | 544.0 |
| 72.5° | 536.4  | 601.7  | 601.7  | 711.2  | 632.8  | 641.1  | 646.7  | 572.2  | 502.2 | 454.8 |
| 75°   | 383.1  | 387.1  | 432.9  | 546.0  | 493.8  | 437.2  | 439.6  | 437.7  | 420.9 | 375.1 |
| 77.5° | 285.9  | 299.5  | 361.6  | 442.0  | 393.4  | 339.3  | 330.5  | 331.7  | 350.1 | 305.0 |
| 80°   | 135.0  | 172.4  | 231.8  | 321.8  | 283.1  | 257.3  | 245.7  | 231.4  | 275.2 | 217.8 |
| 82.5° | 12.8   | 43.4   | 86.4   | 156.5  | 160.9  | 169.7  | 170.4  | 155.3  | 196.7 | 160.5 |
| 85°   | 0.0    | 0.0    | 0.0    | 10.0   | 28.7   | 72.5   | 72.9   | 92.0   | 104.3 | 94.0  |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.4    | 0.4    | 0.8    | 1.2   | 2.0   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   |

(END OF REPORT)