

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: P400780

Luminaire Tested: **ENC-SA1-740-U-SLL-XXB**

Issue Date: 5/20/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P400780  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2004-754-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/20/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ENC-SA1-740-U-SLL-XXB  
Description: ENTRI LED LUMINAIRE  
(1) 70 CRI, 4000K LIGHTSQUARE IN BATTERY OPERATION WITH 16 LEDS AND SPILL  
LIGHT ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 682 lumens  
Efficiency: N/A  
Efficacy: 52.5 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type III - Medium - Non-Cutoff  
BUG Rating: B0 - U0 - G1

Input Watts (W): 13  
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

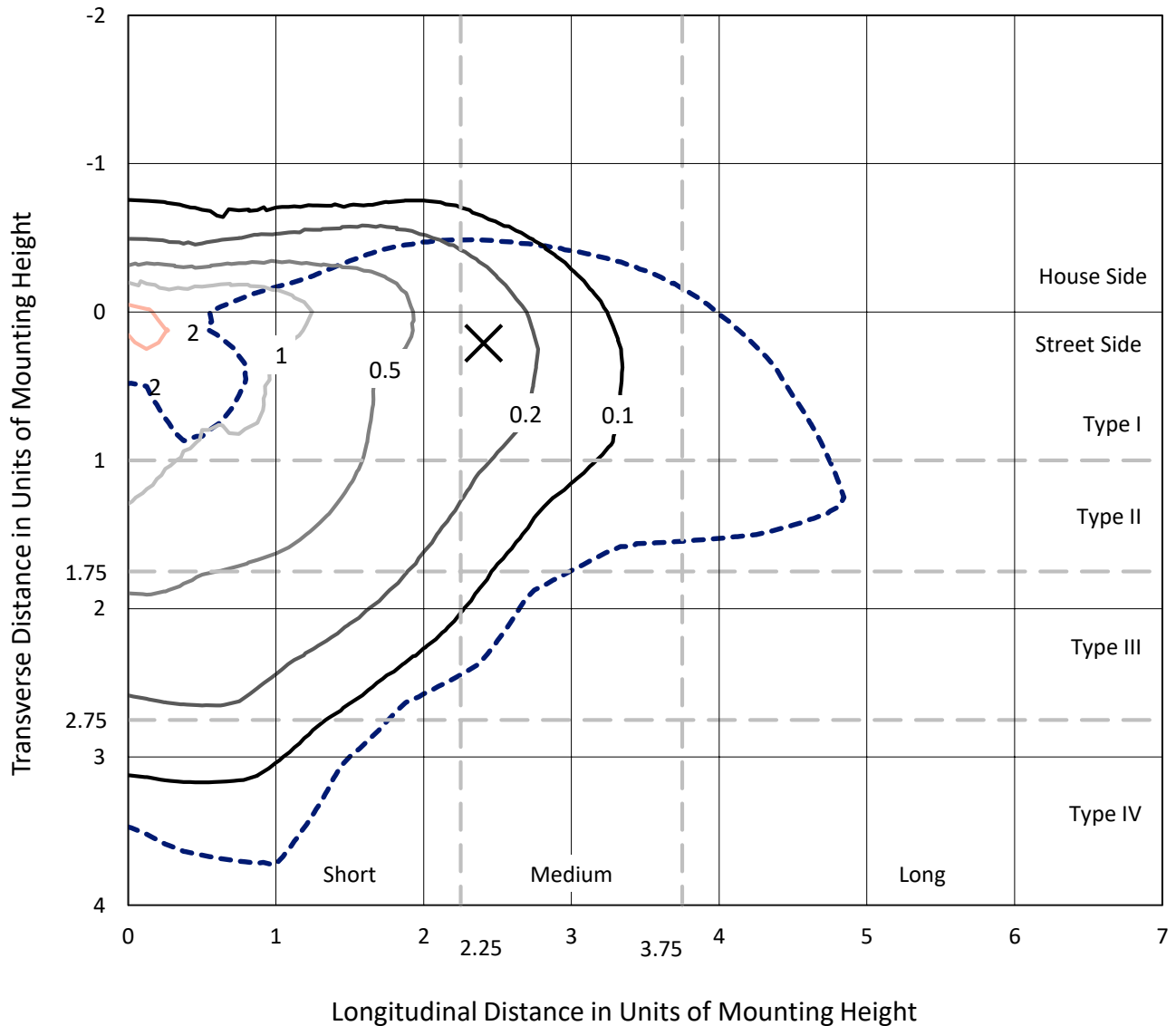


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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

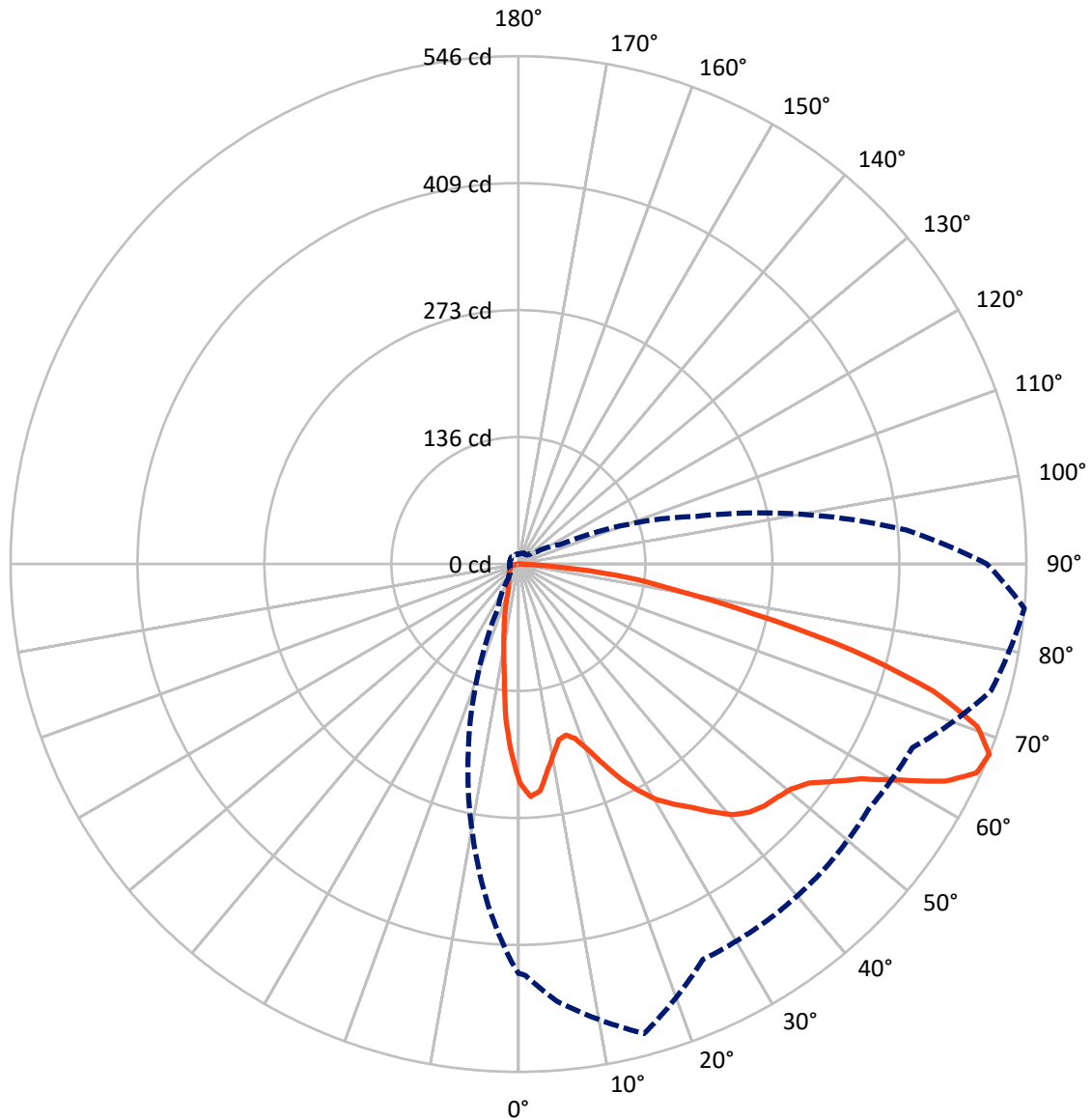


Based on 10 foot mounting height. Maximum calculated value = 2.5 fc  
 Type III - Medium - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 85-Deg Lateral    - - - Horizontal Cone Through 67.5-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total |
|--------------------|-----------|----------|--------|-------|
| <b>House Side</b>  | Lumens    | 137.4    | 0.0    | 137.4 |
|                    | % Fixture | 20.1     | 0.0    | 20.1  |
| <b>Street Side</b> | Lumens    | 544.6    | 0.0    | 544.6 |
|                    | % Fixture | 79.9     | 0.0    | 79.9  |
| <b>Total</b>       | Lumens    | 682.0    | 0.0    | 682.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0 |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 17.9   | 2.6       |
| 10°-20°   | 35.3   | 5.2       |
| 20°-30°   | 49.4   | 7.2       |
| 30°-40°   | 69.6   | 10.2      |
| 40°-50°   | 96.4   | 14.1      |
| 50°-60°   | 135.5  | 19.9      |
| 60°-70°   | 165.6  | 24.3      |
| 70°-80°   | 97.3   | 14.3      |
| 80°-90°   | 14.9   | 2.2       |
| 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°    | 682.0  | 100.0     |
| 0°-180°   | 682.0  | 100.0     |



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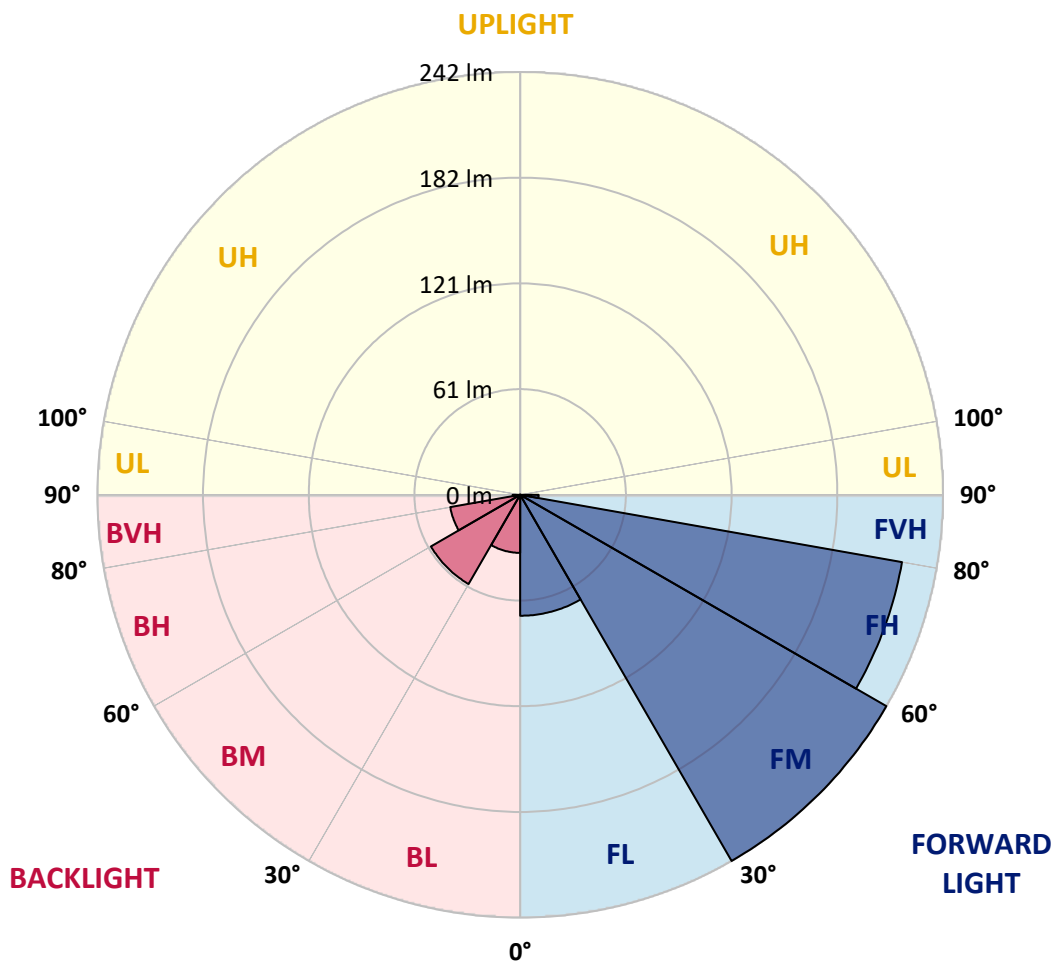
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |        |
|------|-------------|--------|-----------|-------------------------|------|--------|
|      |             |        |           | B                       | U    | G      |
| FL   | (0°-30°)    | 69.3   | 10.2      |                         |      |        |
| FM   | (30°-60°)   | 242.4  | 35.5      |                         |      |        |
| FH   | (60°-80°)   | 222.3  | 32.6      |                         |      | G0/660 |
| FVH  | (80°-90°)   | 10.6   | 1.5       |                         |      | G1/100 |
| BL   | (0°-30°)    | 33.3   | 4.9       | B0/110                  |      |        |
| BM   | (30°-60°)   | 59.1   | 8.7       | B0/220                  |      |        |
| BH   | (60°-80°)   | 40.7   | 6.0       | B0/110                  |      | G0/110 |
| BVH  | (80°-90°)   | 4.4    | 0.6       |                         |      | 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 III Medium





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 1°    | 5°    | 15°   | 25°   | 35°   | 45°   | 55°   | 65°   | 75°   | 85°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 |
| 2.5°  | 242.1 | 241.0 | 244.7 | 250.2 | 253.9 | 256.6 | 257.4 | 257.3 | 256.6 | 254.5 | 250.1 |
| 5°    | 231.3 | 230.4 | 237.9 | 250.1 | 260.7 | 268.4 | 270.6 | 267.5 | 263.7 | 255.6 | 244.8 |
| 7.5°  | 210.9 | 212.5 | 222.1 | 239.2 | 256.3 | 268.5 | 271.5 | 266.6 | 258.8 | 242.2 | 224.1 |
| 10°   | 195.5 | 196.3 | 207.1 | 227.7 | 245.9 | 258.4 | 263.6 | 259.3 | 249.0 | 228.1 | 207.1 |
| 12.5° | 186.0 | 186.7 | 197.2 | 216.3 | 235.7 | 245.5 | 247.0 | 246.9 | 238.4 | 218.1 | 193.8 |
| 15°   | 187.3 | 188.3 | 198.8 | 214.6 | 225.5 | 229.8 | 229.9 | 231.1 | 228.6 | 213.1 | 190.7 |
| 17.5° | 200.0 | 200.0 | 210.1 | 219.6 | 217.1 | 214.0 | 216.3 | 218.5 | 222.9 | 216.1 | 197.1 |
| 20°   | 220.0 | 220.9 | 230.2 | 228.6 | 213.3 | 205.6 | 202.8 | 206.7 | 220.3 | 225.0 | 212.4 |
| 22.5° | 241.8 | 244.1 | 253.8 | 241.8 | 212.6 | 197.7 | 194.6 | 198.8 | 220.6 | 239.0 | 233.3 |
| 25°   | 265.8 | 268.6 | 275.2 | 257.1 | 214.6 | 193.3 | 191.2 | 195.2 | 221.5 | 252.0 | 255.9 |
| 27.5° | 287.7 | 287.9 | 294.4 | 270.0 | 219.7 | 193.7 | 190.2 | 195.4 | 223.9 | 262.2 | 275.9 |
| 30°   | 303.3 | 303.3 | 306.1 | 276.6 | 226.1 | 196.5 | 191.1 | 198.7 | 227.3 | 267.7 | 293.9 |
| 32.5° | 317.5 | 318.3 | 316.9 | 283.5 | 232.1 | 200.4 | 193.2 | 205.2 | 232.7 | 272.3 | 307.9 |
| 35°   | 335.6 | 335.5 | 329.1 | 289.0 | 237.7 | 204.7 | 198.3 | 213.6 | 240.4 | 279.1 | 321.1 |
| 37.5° | 358.0 | 356.9 | 343.4 | 293.9 | 244.5 | 212.0 | 208.1 | 225.0 | 250.9 | 287.1 | 337.9 |
| 40°   | 378.3 | 376.5 | 356.4 | 298.6 | 249.9 | 226.3 | 224.0 | 239.1 | 264.0 | 297.1 | 354.2 |
| 42.5° | 394.0 | 391.4 | 367.5 | 301.8 | 258.0 | 248.7 | 250.6 | 264.6 | 277.3 | 306.0 | 364.4 |
| 45°   | 407.3 | 404.6 | 375.8 | 303.5 | 277.6 | 280.6 | 284.4 | 296.0 | 291.4 | 308.4 | 370.7 |
| 47.5° | 416.9 | 412.4 | 379.5 | 308.3 | 304.1 | 317.8 | 329.7 | 330.5 | 311.4 | 308.3 | 374.5 |
| 50°   | 422.4 | 417.5 | 382.9 | 320.3 | 335.0 | 360.2 | 372.8 | 366.9 | 332.1 | 310.3 | 380.0 |
| 52.5° | 433.7 | 428.6 | 397.0 | 339.7 | 366.5 | 403.0 | 409.8 | 400.3 | 353.6 | 320.5 | 391.0 |
| 55°   | 462.1 | 459.8 | 424.4 | 365.8 | 397.6 | 437.7 | 440.8 | 431.2 | 376.1 | 338.1 | 411.9 |
| 57.5° | 494.3 | 489.2 | 461.5 | 398.5 | 427.3 | 464.8 | 469.7 | 456.5 | 399.6 | 362.9 | 435.3 |
| 60°   | 503.3 | 502.3 | 492.8 | 436.8 | 458.0 | 493.7 | 494.0 | 477.3 | 427.2 | 392.4 | 470.9 |
| 62.5° | 490.1 | 493.3 | 505.9 | 472.2 | 483.7 | 513.1 | 510.4 | 492.9 | 456.0 | 439.3 | 514.2 |
| 65°   | 467.2 | 471.7 | 497.0 | 505.7 | 489.7 | 509.3 | 503.5 | 492.4 | 474.2 | 489.9 | 541.1 |
| 67.5° | 439.7 | 442.1 | 471.6 | 522.3 | 468.9 | 467.1 | 464.3 | 459.3 | 467.0 | 525.8 | 545.7 |
| 70°   | 411.0 | 413.1 | 440.3 | 499.4 | 406.8 | 385.4 | 383.1 | 378.7 | 408.6 | 525.4 | 523.1 |
| 72.5° | 346.5 | 345.1 | 370.3 | 416.9 | 310.6 | 281.6 | 301.1 | 291.5 | 330.6 | 472.0 | 466.0 |
| 75°   | 215.2 | 222.5 | 253.9 | 292.3 | 212.8 | 192.9 | 219.8 | 217.4 | 268.4 | 406.4 | 371.0 |
| 77.5° | 131.1 | 132.6 | 150.3 | 182.2 | 128.2 | 133.7 | 141.3 | 156.2 | 199.0 | 329.5 | 258.6 |
| 80°   | 68.6  | 63.8  | 76.9  | 100.0 | 76.1  | 89.7  | 103.6 | 120.1 | 126.3 | 214.8 | 172.9 |
| 82.5° | 19.8  | 19.7  | 26.0  | 41.9  | 36.1  | 44.1  | 52.3  | 75.4  | 82.8  | 127.7 | 118.4 |
| 85°   | 0.1   | 0.1   | 0.1   | 0.2   | 0.3   | 0.5   | 2.3   | 19.4  | 25.7  | 59.2  | 48.7  |
| 87.5° | 0.0   | 0.0   | 0.1   | 0.2   | 0.2   | 0.4   | 0.7   | 0.9   | 1.1   | 1.3   | 4.8   |
| 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°    | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 |
| 2.5°  | 248.7 | 247.0 | 243.5 | 238.8 | 235.5 | 229.8 | 228.6 | 225.0 | 221.4 | 218.4 | 218.5 |
| 5°    | 239.7 | 234.1 | 225.5 | 215.7 | 206.2 | 197.8 | 196.1 | 191.2 | 189.8 | 188.4 | 184.4 |
| 7.5°  | 216.1 | 209.5 | 197.6 | 183.0 | 171.1 | 163.1 | 154.6 | 149.4 | 144.8 | 139.6 | 140.9 |
| 10°   | 198.0 | 188.6 | 172.1 | 155.0 | 140.2 | 129.5 | 120.1 | 115.2 | 108.5 | 103.7 | 103.1 |
| 12.5° | 184.1 | 173.9 | 154.2 | 134.1 | 120.2 | 113.9 | 107.9 | 100.3 | 92.9  | 86.5  | 83.2  |
| 15°   | 179.5 | 168.0 | 145.1 | 125.1 | 114.1 | 106.6 | 98.1  | 89.5  | 80.4  | 73.6  | 70.9  |
| 17.5° | 184.9 | 171.3 | 144.9 | 121.3 | 107.6 | 96.5  | 86.0  | 76.2  | 65.5  | 58.7  | 56.6  |
| 20°   | 199.7 | 182.7 | 148.0 | 117.6 | 99.6  | 84.5  | 69.7  | 59.2  | 48.2  | 43.4  | 41.2  |
| 22.5° | 220.3 | 198.1 | 152.7 | 113.3 | 90.7  | 70.0  | 53.3  | 40.0  | 34.6  | 32.2  | 31.7  |
| 25°   | 241.4 | 217.7 | 159.4 | 109.5 | 80.9  | 55.7  | 38.3  | 32.0  | 29.5  | 28.4  | 28.4  |
| 27.5° | 264.7 | 237.4 | 166.7 | 105.0 | 70.8  | 41.4  | 31.1  | 28.2  | 26.9  | 26.2  | 26.1  |
| 30°   | 283.5 | 253.4 | 174.9 | 99.8  | 61.7  | 34.0  | 27.6  | 25.7  | 24.4  | 24.1  | 24.1  |
| 32.5° | 297.1 | 265.3 | 183.5 | 94.5  | 53.4  | 30.7  | 25.7  | 23.9  | 22.6  | 22.4  | 22.4  |
| 35°   | 313.0 | 276.7 | 187.5 | 91.6  | 48.4  | 28.6  | 24.2  | 22.5  | 21.3  | 20.7  | 20.7  |
| 37.5° | 332.1 | 290.3 | 189.7 | 88.7  | 46.2  | 26.6  | 23.2  | 21.3  | 20.1  | 19.4  | 19.4  |
| 40°   | 356.3 | 305.8 | 192.0 | 85.8  | 44.8  | 25.0  | 22.1  | 20.2  | 19.2  | 18.4  | 18.4  |
| 42.5° | 373.7 | 320.0 | 193.7 | 83.4  | 42.5  | 24.2  | 21.3  | 19.4  | 18.2  | 17.5  | 17.4  |
| 45°   | 382.8 | 333.3 | 194.5 | 82.0  | 39.9  | 24.9  | 20.6  | 18.7  | 17.3  | 16.7  | 16.6  |
| 47.5° | 388.9 | 344.3 | 195.5 | 80.9  | 37.8  | 23.7  | 20.5  | 18.1  | 16.7  | 15.8  | 15.8  |
| 50°   | 398.7 | 358.7 | 198.0 | 78.8  | 36.6  | 22.1  | 22.1  | 17.8  | 15.9  | 15.1  | 15.0  |
| 52.5° | 416.1 | 379.5 | 204.8 | 76.5  | 35.3  | 20.6  | 22.8  | 17.9  | 15.3  | 14.5  | 14.3  |
| 55°   | 442.4 | 412.5 | 216.1 | 73.2  | 33.4  | 18.7  | 21.3  | 18.0  | 14.8  | 14.0  | 13.7  |
| 57.5° | 476.6 | 452.4 | 229.3 | 70.6  | 30.3  | 17.2  | 19.4  | 17.4  | 14.1  | 13.5  | 13.3  |
| 60°   | 499.6 | 479.0 | 237.6 | 67.2  | 25.8  | 16.2  | 16.7  | 16.9  | 13.5  | 12.7  | 12.6  |
| 62.5° | 512.0 | 479.5 | 237.7 | 62.5  | 21.6  | 15.3  | 14.9  | 17.2  | 12.9  | 12.0  | 11.8  |
| 65°   | 512.9 | 456.1 | 225.8 | 56.5  | 20.2  | 14.4  | 13.7  | 15.2  | 12.4  | 11.4  | 11.3  |
| 67.5° | 503.4 | 418.1 | 198.4 | 49.6  | 20.7  | 13.6  | 12.7  | 12.8  | 11.7  | 10.9  | 10.7  |
| 70°   | 469.2 | 368.8 | 159.2 | 44.1  | 20.8  | 12.6  | 12.0  | 11.6  | 11.1  | 10.3  | 10.1  |
| 72.5° | 404.8 | 308.2 | 120.6 | 42.3  | 21.2  | 11.8  | 11.1  | 10.7  | 10.3  | 9.6   | 9.4   |
| 75°   | 305.5 | 240.4 | 90.6  | 39.5  | 21.4  | 11.0  | 10.1  | 9.9   | 9.4   | 8.8   | 8.7   |
| 77.5° | 211.1 | 178.3 | 62.9  | 33.3  | 19.1  | 10.0  | 9.1   | 8.9   | 8.6   | 7.9   | 7.8   |
| 80°   | 142.5 | 122.2 | 38.6  | 25.0  | 14.5  | 8.8   | 7.9   | 7.9   | 7.6   | 6.9   | 6.9   |
| 82.5° | 99.2  | 91.3  | 22.3  | 16.3  | 10.5  | 7.2   | 6.9   | 6.9   | 6.6   | 5.9   | 5.8   |
| 85°   | 41.4  | 55.3  | 10.0  | 8.9   | 7.3   | 5.7   | 5.7   | 5.8   | 5.5   | 4.9   | 4.8   |
| 87.5° | 1.4   | 5.9   | 3.9   | 4.2   | 4.4   | 3.9   | 4.4   | 4.4   | 4.3   | 3.8   | 3.7   |
| 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°    | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 |
| 2.5°  | 215.3 | 213.9 | 209.5 | 209.0 | 205.7 | 205.5 | 206.9 | 204.5 | 204.7 | 207.7 | 207.2 |
| 5°    | 185.3 | 182.0 | 181.9 | 178.3 | 174.2 | 173.2 | 169.7 | 168.4 | 167.9 | 166.7 | 171.0 |
| 7.5°  | 144.9 | 143.4 | 144.7 | 144.3 | 140.6 | 138.5 | 131.0 | 125.3 | 122.5 | 123.7 | 124.0 |
| 10°   | 103.1 | 105.4 | 108.9 | 112.3 | 109.6 | 102.7 | 99.6  | 94.9  | 94.4  | 94.1  | 96.3  |
| 12.5° | 81.7  | 79.1  | 80.7  | 81.9  | 79.4  | 76.4  | 75.1  | 73.1  | 74.2  | 76.7  | 78.2  |
| 15°   | 67.9  | 63.3  | 61.2  | 59.8  | 60.4  | 58.7  | 59.3  | 58.7  | 59.4  | 60.2  | 62.8  |
| 17.5° | 53.6  | 52.0  | 48.0  | 46.2  | 46.3  | 45.5  | 45.7  | 45.6  | 45.2  | 46.9  | 49.0  |
| 20°   | 40.3  | 39.9  | 39.0  | 37.7  | 37.9  | 37.4  | 37.1  | 35.2  | 34.4  | 35.0  | 36.7  |
| 22.5° | 31.5  | 32.0  | 32.6  | 32.5  | 33.0  | 31.6  | 30.3  | 28.6  | 28.4  | 28.5  | 28.9  |
| 25°   | 28.2  | 28.4  | 28.8  | 29.4  | 29.7  | 28.4  | 26.5  | 25.5  | 25.4  | 25.7  | 25.7  |
| 27.5° | 26.2  | 26.0  | 26.5  | 27.2  | 27.6  | 26.0  | 24.4  | 23.6  | 23.4  | 23.1  | 23.0  |
| 30°   | 24.1  | 24.1  | 24.6  | 25.2  | 25.5  | 24.1  | 22.8  | 21.9  | 21.4  | 21.1  | 20.9  |
| 32.5° | 22.6  | 22.7  | 22.9  | 23.4  | 23.9  | 22.5  | 21.4  | 20.6  | 19.6  | 19.3  | 19.1  |
| 35°   | 20.8  | 21.3  | 21.6  | 21.7  | 22.1  | 21.2  | 20.1  | 18.9  | 18.0  | 17.7  | 17.7  |
| 37.5° | 19.4  | 19.7  | 20.3  | 20.2  | 20.5  | 19.8  | 18.6  | 17.3  | 16.9  | 16.8  | 16.7  |
| 40°   | 18.3  | 18.3  | 18.7  | 19.2  | 19.6  | 18.4  | 17.0  | 16.3  | 16.0  | 15.8  | 15.9  |
| 42.5° | 17.3  | 17.2  | 17.2  | 18.0  | 18.7  | 17.0  | 15.8  | 15.3  | 15.2  | 15.0  | 15.1  |
| 45°   | 16.4  | 16.3  | 16.0  | 16.3  | 17.4  | 15.6  | 14.8  | 14.5  | 14.4  | 14.4  | 14.4  |
| 47.5° | 15.7  | 15.5  | 15.0  | 15.1  | 15.9  | 14.5  | 13.8  | 13.7  | 13.6  | 13.6  | 13.7  |
| 50°   | 14.8  | 14.6  | 14.3  | 14.1  | 14.4  | 13.7  | 13.2  | 12.9  | 12.9  | 12.9  | 13.2  |
| 52.5° | 14.0  | 13.9  | 13.5  | 13.4  | 13.5  | 13.0  | 12.5  | 12.4  | 12.4  | 12.4  | 12.7  |
| 55°   | 13.5  | 13.3  | 13.0  | 12.8  | 13.0  | 12.5  | 12.1  | 11.8  | 11.8  | 12.1  | 12.3  |
| 57.5° | 12.9  | 12.7  | 12.6  | 12.4  | 12.6  | 12.1  | 11.6  | 11.4  | 11.5  | 11.6  | 11.6  |
| 60°   | 12.4  | 12.2  | 12.1  | 11.8  | 12.2  | 11.6  | 11.2  | 11.1  | 11.1  | 11.0  | 11.0  |
| 62.5° | 11.8  | 11.7  | 11.5  | 11.3  | 11.7  | 11.1  | 10.7  | 10.5  | 10.4  | 10.4  | 10.4  |
| 65°   | 11.2  | 11.1  | 11.0  | 10.9  | 11.1  | 10.5  | 10.2  | 10.1  | 9.9   | 9.8   | 9.9   |
| 67.5° | 10.6  | 10.6  | 10.4  | 10.2  | 10.5  | 9.9   | 9.6   | 9.5   | 9.2   | 9.1   | 9.2   |
| 70°   | 10.0  | 10.0  | 9.8   | 9.6   | 10.1  | 9.2   | 9.0   | 8.9   | 8.7   | 8.6   | 8.6   |
| 72.5° | 9.3   | 9.3   | 9.1   | 9.0   | 9.5   | 8.6   | 8.3   | 8.2   | 7.9   | 7.8   | 7.8   |
| 75°   | 8.7   | 8.6   | 8.4   | 8.3   | 9.0   | 7.9   | 7.6   | 7.3   | 7.0   | 6.9   | 6.8   |
| 77.5° | 7.9   | 7.8   | 7.6   | 7.7   | 8.1   | 7.0   | 6.6   | 6.5   | 6.1   | 6.0   | 5.9   |
| 80°   | 6.9   | 6.8   | 6.7   | 6.9   | 6.9   | 6.1   | 5.6   | 5.4   | 5.0   | 4.8   | 4.7   |
| 82.5° | 5.9   | 5.8   | 5.8   | 6.0   | 5.7   | 5.4   | 4.7   | 4.3   | 3.7   | 3.4   | 3.3   |
| 85°   | 4.8   | 5.0   | 4.8   | 5.0   | 4.3   | 4.3   | 3.3   | 2.5   | 1.8   | 1.4   | 1.3   |
| 87.5° | 3.7   | 3.8   | 3.7   | 3.8   | 3.0   | 2.9   | 1.5   | 0.9   | 0.1   | 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: P400780

CATALOG NUMBER: ENC-SA1-740-U-SLL-XXB

**CANDELA DISTRIBUTION (continued):**

|       | 285°  | 295°  | 305°  | 315°  | 325°  | 335°  | 345°  | 355°  | 359°  | 360°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 |
| 2.5°  | 210.5 | 210.7 | 215.4 | 220.2 | 223.0 | 230.1 | 233.6 | 237.6 | 239.7 | 242.1 |
| 5°    | 169.0 | 173.1 | 177.0 | 186.4 | 191.2 | 202.5 | 210.7 | 223.9 | 228.1 | 231.3 |
| 7.5°  | 127.6 | 133.9 | 138.6 | 150.3 | 159.4 | 173.5 | 187.8 | 203.5 | 208.0 | 210.9 |
| 10°   | 101.4 | 107.1 | 116.0 | 125.2 | 135.4 | 152.4 | 168.0 | 184.2 | 192.1 | 195.5 |
| 12.5° | 85.2  | 94.3  | 104.7 | 113.3 | 121.4 | 133.9 | 153.6 | 174.1 | 182.3 | 186.0 |
| 15°   | 70.3  | 80.5  | 91.1  | 101.6 | 111.7 | 125.9 | 146.6 | 173.2 | 183.6 | 187.3 |
| 17.5° | 55.8  | 64.1  | 74.9  | 87.6  | 102.3 | 120.3 | 147.9 | 182.6 | 195.3 | 200.0 |
| 20°   | 39.7  | 47.8  | 58.8  | 74.4  | 91.9  | 114.5 | 151.0 | 196.6 | 214.7 | 220.0 |
| 22.5° | 29.9  | 34.4  | 44.5  | 60.0  | 82.6  | 109.9 | 155.8 | 215.8 | 236.9 | 241.8 |
| 25°   | 26.3  | 27.8  | 33.0  | 47.9  | 73.2  | 105.7 | 162.2 | 234.9 | 260.5 | 265.8 |
| 27.5° | 23.4  | 24.2  | 26.9  | 38.5  | 66.3  | 101.4 | 169.7 | 255.5 | 280.8 | 287.7 |
| 30°   | 21.1  | 22.1  | 24.3  | 32.2  | 59.6  | 95.3  | 176.6 | 274.0 | 298.0 | 303.3 |
| 32.5° | 19.3  | 20.5  | 22.5  | 29.2  | 53.9  | 90.7  | 180.6 | 287.8 | 312.7 | 317.5 |
| 35°   | 18.1  | 19.2  | 21.2  | 26.4  | 48.9  | 87.5  | 181.8 | 301.5 | 330.7 | 335.6 |
| 37.5° | 17.0  | 18.1  | 19.8  | 23.7  | 45.4  | 83.3  | 183.6 | 317.8 | 351.5 | 358.0 |
| 40°   | 16.2  | 17.1  | 18.7  | 21.8  | 40.6  | 78.8  | 185.8 | 336.9 | 371.8 | 378.3 |
| 42.5° | 15.5  | 16.4  | 17.9  | 21.9  | 35.7  | 75.0  | 187.3 | 351.6 | 387.9 | 394.0 |
| 45°   | 14.8  | 15.9  | 17.5  | 21.5  | 32.1  | 71.5  | 186.6 | 363.9 | 402.6 | 407.3 |
| 47.5° | 14.1  | 15.5  | 18.4  | 20.6  | 31.0  | 68.3  | 187.2 | 375.7 | 413.1 | 416.9 |
| 50°   | 13.7  | 15.3  | 19.7  | 19.3  | 31.2  | 66.9  | 192.4 | 389.9 | 421.0 | 422.4 |
| 52.5° | 13.4  | 15.7  | 18.6  | 17.4  | 31.2  | 66.2  | 202.5 | 412.7 | 434.7 | 433.7 |
| 55°   | 12.8  | 15.6  | 17.4  | 15.8  | 29.9  | 66.6  | 212.0 | 442.8 | 467.6 | 462.1 |
| 57.5° | 12.4  | 14.9  | 15.7  | 14.6  | 26.9  | 66.7  | 226.2 | 468.3 | 493.5 | 494.3 |
| 60°   | 11.8  | 16.0  | 13.6  | 13.6  | 23.0  | 66.1  | 238.7 | 467.8 | 498.2 | 503.3 |
| 62.5° | 11.3  | 15.7  | 12.2  | 12.6  | 20.4  | 64.0  | 246.3 | 440.5 | 480.8 | 490.1 |
| 65°   | 10.6  | 12.4  | 11.2  | 11.7  | 19.3  | 58.9  | 235.5 | 406.7 | 457.2 | 467.2 |
| 67.5° | 9.9   | 10.2  | 10.2  | 10.9  | 18.9  | 51.1  | 208.4 | 369.3 | 427.6 | 439.7 |
| 70°   | 9.0   | 9.1   | 9.3   | 10.3  | 17.5  | 44.0  | 169.7 | 329.5 | 395.8 | 411.0 |
| 72.5° | 8.1   | 8.2   | 8.2   | 9.3   | 16.4  | 37.9  | 120.2 | 261.1 | 330.5 | 346.5 |
| 75°   | 7.1   | 7.2   | 7.1   | 8.1   | 14.4  | 28.4  | 71.4  | 165.1 | 197.1 | 215.2 |
| 77.5° | 6.0   | 6.0   | 5.8   | 6.4   | 9.9   | 18.0  | 39.0  | 100.3 | 119.9 | 131.1 |
| 80°   | 4.9   | 4.5   | 3.7   | 3.8   | 5.4   | 10.3  | 17.4  | 57.6  | 65.8  | 68.6  |
| 82.5° | 3.3   | 2.5   | 1.5   | 1.4   | 1.8   | 2.9   | 4.1   | 22.8  | 20.9  | 19.8  |
| 85°   | 0.7   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   |
| 87.5° | 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   |

(END OF REPORT)