

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1007881

Luminaire Tested: S125IP-B610UB35-4F0-XX-W2A-4

Issue Date: 5/5/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1007881  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-19)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/5/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125IP-B610UB35-4F0-XX-W2A-4  
Description: Define 5 Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

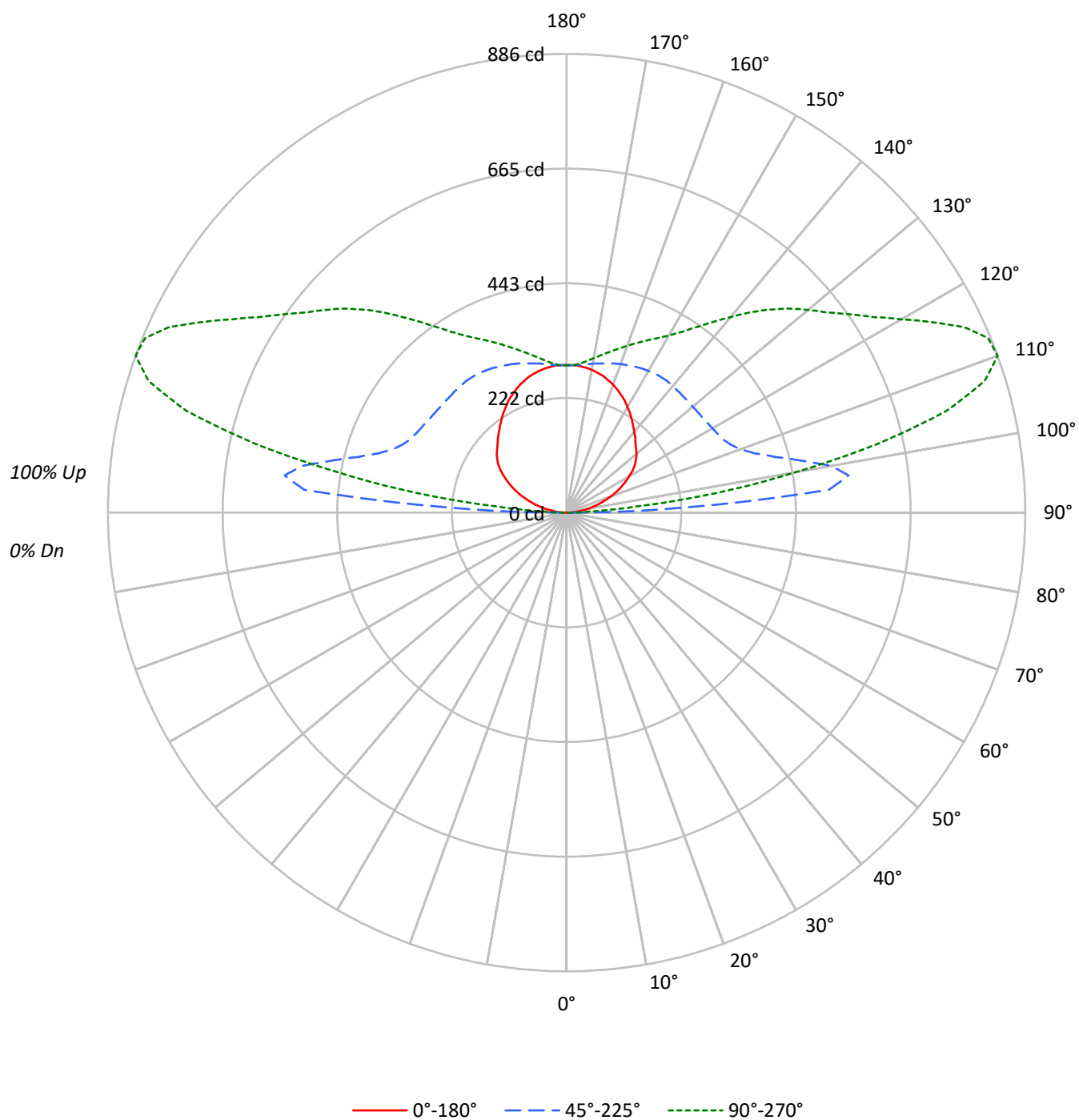
Lumens per Lamp: N/A  
Luminaire Lumens: 2140.0 lumens  
Efficiency: N/A  
Efficacy: 139.0 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular (W 0.42' x L: 4' x H: 0')  
CIE Type: Indirect

Input Watts (W): 15.4  
Input Voltage (V):  
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: 24 FT

TEST NUMBER: P1007881

CATALOG NUMBER: S125IP-B610UB35-4F0-XX-W2A-4

### Luminous Intensity Polar Plot



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80 |    |    |    | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 95 | 95 | 95 | 95 | 81 | 81 | 81 | 81 | 56 | 56 | 56 | 32 | 32 | 32 | 10 | 10 | 10 |
| 1   | 87 | 83 | 79 | 76 | 74 | 71 | 68 | 65 | 48 | 47 | 45 | 28 | 27 | 26 | 9  | 9  | 8  |
| 2   | 79 | 72 | 66 | 62 | 67 | 62 | 57 | 53 | 42 | 40 | 37 | 24 | 23 | 22 | 8  | 7  | 7  |
| 3   | 72 | 63 | 56 | 51 | 61 | 54 | 49 | 44 | 37 | 34 | 31 | 21 | 20 | 18 | 7  | 6  | 6  |
| 4   | 65 | 56 | 48 | 43 | 56 | 48 | 42 | 37 | 33 | 29 | 26 | 19 | 17 | 16 | 6  | 6  | 5  |
| 5   | 60 | 49 | 42 | 36 | 51 | 42 | 36 | 32 | 29 | 25 | 22 | 17 | 15 | 13 | 5  | 5  | 4  |
| 6   | 55 | 44 | 36 | 31 | 47 | 38 | 32 | 27 | 26 | 22 | 19 | 15 | 13 | 11 | 5  | 4  | 4  |
| 7   | 50 | 39 | 32 | 27 | 43 | 34 | 28 | 23 | 23 | 19 | 17 | 14 | 11 | 10 | 4  | 4  | 3  |
| 8   | 47 | 35 | 28 | 23 | 40 | 30 | 24 | 20 | 21 | 17 | 14 | 12 | 10 | 9  | 4  | 3  | 3  |
| 9   | 43 | 32 | 25 | 20 | 37 | 27 | 22 | 18 | 19 | 15 | 13 | 11 | 9  | 8  | 4  | 3  | 3  |
| 10  | 40 | 29 | 22 | 18 | 34 | 25 | 19 | 16 | 17 | 14 | 11 | 10 | 8  | 7  | 3  | 3  | 2  |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0° | 45° | 90° |
|-----|----|-----|-----|
| 0°  | 0  | 0   | 0   |
| 5°  | 0  | 0   | 0   |
| 10° | 0  | 0   | 0   |
| 15° | 0  | 0   | 0   |
| 20° | 0  | 0   | 0   |
| 25° | 0  | 0   | 0   |
| 30° | 0  | 0   | 0   |
| 35° | 0  | 0   | 0   |
| 40° | 0  | 0   | 0   |
| 45° | 0  | 0   | 0   |
| 50° | 0  | 0   | 0   |
| 55° | 0  | 0   | 0   |
| 60° | 0  | 0   | 0   |
| 65° | 0  | 0   | 0   |
| 70° | 0  | 0   | 0   |
| 75° | 0  | 0   | 0   |
| 80° | 0  | 0   | 0   |
| 85° | 0  | 0   | 0   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 0°  
Luminance: 0 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 0.0    | 0.0       |
| 10°-20°   | 0.0    | 0.0       |
| 20°-30°   | 0.0    | 0.0       |
| 30°-40°   | 0.0    | 0.0       |
| 40°-50°   | 0.0    | 0.0       |
| 50°-60°   | 0.0    | 0.0       |
| 60°-70°   | 0.0    | 0.0       |
| 70°-80°   | 0.0    | 0.0       |
| 80°-90°   | 1.1    | 0.1       |
| 90°-100°  | 207.1  | 9.7       |
| 100°-110° | 446.7  | 20.9      |
| 110°-120° | 416.4  | 19.5      |
| 120°-130° | 337.3  | 15.8      |
| 130°-140° | 270.8  | 12.7      |
| 140°-150° | 204.3  | 9.5       |
| 150°-160° | 143.9  | 6.7       |
| 160°-170° | 84.8   | 4.0       |
| 170°-180° | 27.6   | 1.3       |
| 0°-30°    | 0.0    | 0.0       |
| 0°-40°    | 0.0    | 0.0       |
| 0°-60°    | 0.0    | 0.0       |
| 0°-90°    | 1.1    | 0.1       |
| 90°-120°  | 1070.3 | 50.0      |
| 90°-150°  | 1882.7 | 88.0      |
| 90°-180°  | 2139.0 | 100.0     |
| 0°-180°   | 2140.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0°   | 0   | 0     | 0   | 0     | 0   |      |
| 5°   | 0   | 0     | 0   | 0     | 0   | 0    |
| 15°  | 0   | 0     | 0   | 0     | 0   | 0    |
| 25°  | 0   | 0     | 0   | 0     | 0   | 0    |
| 35°  | 0   | 0     | 0   | 0     | 0   | 0    |
| 45°  | 0   | 0     | 0   | 0     | 0   | 0    |
| 55°  | 0   | 0     | 0   | 0     | 0   | 0    |
| 65°  | 0   | 0     | 0   | 0     | 0   | 0    |
| 75°  | 0   | 0     | 0   | 0     | 0   | 0    |
| 85°  | 0   | 0     | 0   | 0     | 0   | 0    |
| 90°  | 1   | 5     | 9   | 12    | 13  | 1    |
| 95°  | 19  | 56    | 509 | 231   | 135 | 20   |
| 105° | 65  | 91    | 416 | 820   | 761 | 68   |
| 115° | 116 | 140   | 334 | 720   | 847 | 114  |
| 125° | 161 | 188   | 320 | 573   | 668 | 143  |
| 135° | 188 | 226   | 318 | 480   | 555 | 146  |
| 145° | 219 | 251   | 319 | 398   | 438 | 137  |
| 155° | 250 | 269   | 311 | 352   | 367 | 115  |
| 165° | 273 | 281   | 298 | 317   | 322 | 77   |
| 175° | 284 | 284   | 286 | 290   | 289 | 27   |
| 180° | 285 | 285   | 285 | 285   | 285 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°   | 5°   | 10°  | 15°  | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 2.5°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 5°     | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 7.5°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 10°    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 12.5°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 15°    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 17.5°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 20°    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 22.5°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 25°    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 27.5°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 30°    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 32.5°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 35°    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 37.5°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 40°    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 42.5°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 45°    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 47.5°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 50°    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 52.5°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 55°    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 57.5°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 60°    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 62.5°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 65°    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 67.5°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 70°    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 72.5°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 75°    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 77.5°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 80°    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 82.5°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 85°    | 0.0  | 0.0  | 0.0  | 0.0  | 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°    | 0.6  | 1.1  | 2.3  | 3.4  | 4.6   | 5.7   | 6.3   | 7.5   | 8.0   | 9.2   | 9.8   |
| 92.5°  | 8.6  | 10.3 | 16.1 | 24.7 | 36.7  | 57.4  | 96.5  | 161.9 | 233.1 | 229.1 | 184.9 |
| 95°    | 18.9 | 19.5 | 24.1 | 30.4 | 43.1  | 68.9  | 130.3 | 256.6 | 415.1 | 508.7 | 497.8 |
| 97.5°  | 29.3 | 29.9 | 33.3 | 39.6 | 51.1  | 70.0  | 112.5 | 209.6 | 380.6 | 549.4 | 621.8 |
| 100°   | 40.2 | 41.3 | 43.6 | 49.9 | 60.9  | 78.1  | 111.4 | 186.0 | 330.7 | 518.4 | 662.0 |
| 102.5° | 52.2 | 52.8 | 54.5 | 61.4 | 71.2  | 87.8  | 116.5 | 176.3 | 292.8 | 463.9 | 637.9 |
| 105°   | 64.9 | 64.9 | 67.7 | 73.5 | 82.7  | 98.7  | 124.0 | 175.1 | 271.0 | 416.2 | 581.0 |
| 107.5° | 76.9 | 78.1 | 81.0 | 85.5 | 95.3  | 109.7 | 134.3 | 179.1 | 259.5 | 380.6 | 527.0 |
| 110°   | 90.1 | 91.3 | 93.6 | 98.7 | 107.4 | 122.3 | 145.8 | 185.4 | 254.9 | 357.1 | 482.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 103.3 | 104.5 | 106.2 | 111.4 | 120.0 | 134.3 | 156.7 | 193.5 | 254.9 | 343.3 | 449.0 |
| 115°   | 116.0 | 117.1 | 118.8 | 124.0 | 132.6 | 147.0 | 168.2 | 201.5 | 256.6 | 334.1 | 426.6 |
| 117.5° | 127.5 | 129.2 | 130.9 | 136.1 | 145.8 | 159.6 | 179.7 | 210.7 | 259.5 | 329.0 | 411.6 |
| 120°   | 138.9 | 140.7 | 143.0 | 148.1 | 157.9 | 172.2 | 192.3 | 219.9 | 264.1 | 325.5 | 399.6 |
| 122.5° | 151.0 | 152.1 | 153.9 | 159.0 | 169.9 | 184.3 | 204.4 | 230.2 | 268.1 | 322.7 | 389.3 |
| 125°   | 160.8 | 161.9 | 164.8 | 169.9 | 180.8 | 195.8 | 214.7 | 239.4 | 272.7 | 320.4 | 380.1 |
| 127.5° | 168.8 | 170.5 | 174.0 | 180.3 | 191.8 | 206.7 | 225.1 | 248.0 | 277.9 | 319.2 | 371.5 |
| 130°   | 176.3 | 178.0 | 182.6 | 190.0 | 202.1 | 217.0 | 234.8 | 256.6 | 282.5 | 318.1 | 362.8 |
| 132.5° | 182.0 | 184.3 | 190.0 | 198.6 | 211.3 | 226.2 | 244.0 | 264.1 | 287.6 | 318.1 | 356.0 |
| 135°   | 188.3 | 190.6 | 197.5 | 206.7 | 218.7 | 234.2 | 252.0 | 271.0 | 292.2 | 318.1 | 350.8 |
| 137.5° | 196.4 | 198.1 | 204.4 | 213.6 | 225.6 | 241.7 | 257.8 | 276.2 | 296.8 | 318.6 | 345.6 |
| 140°   | 203.2 | 205.0 | 211.9 | 221.0 | 231.9 | 247.4 | 264.1 | 281.3 | 299.7 | 319.2 | 342.2 |
| 142.5° | 211.3 | 212.4 | 218.7 | 227.9 | 238.3 | 252.6 | 268.1 | 284.2 | 301.4 | 319.8 | 339.3 |
| 145°   | 219.3 | 220.5 | 226.2 | 234.2 | 244.6 | 257.8 | 272.7 | 287.1 | 302.6 | 319.2 | 336.4 |
| 147.5° | 227.9 | 228.5 | 233.7 | 241.1 | 250.3 | 262.4 | 275.6 | 288.8 | 303.1 | 318.1 | 333.6 |
| 150°   | 235.4 | 236.5 | 240.6 | 248.0 | 256.1 | 265.8 | 278.5 | 290.5 | 303.1 | 316.3 | 330.1 |
| 152.5° | 243.4 | 244.0 | 247.4 | 253.8 | 261.2 | 269.8 | 281.3 | 291.7 | 302.6 | 314.0 | 326.1 |
| 155°   | 250.3 | 250.3 | 253.8 | 259.5 | 265.2 | 273.3 | 283.0 | 292.2 | 301.4 | 311.2 | 321.5 |
| 157.5° | 256.6 | 256.6 | 259.5 | 264.7 | 269.8 | 276.2 | 284.8 | 292.8 | 300.3 | 308.3 | 317.5 |
| 160°   | 262.9 | 262.4 | 264.7 | 268.7 | 273.3 | 278.5 | 285.9 | 292.8 | 298.5 | 305.4 | 312.3 |
| 162.5° | 268.1 | 267.5 | 269.8 | 273.3 | 276.7 | 280.7 | 287.1 | 292.2 | 296.8 | 302.0 | 307.7 |
| 165°   | 273.3 | 272.1 | 273.9 | 276.7 | 279.0 | 282.5 | 287.1 | 291.7 | 295.1 | 298.5 | 303.1 |
| 167.5° | 276.7 | 276.2 | 277.3 | 279.0 | 280.7 | 283.0 | 287.1 | 290.5 | 292.2 | 295.1 | 298.5 |
| 170°   | 280.2 | 279.6 | 280.2 | 281.3 | 282.5 | 284.2 | 287.1 | 289.4 | 290.5 | 292.2 | 294.5 |
| 172.5° | 282.5 | 281.3 | 281.9 | 283.0 | 283.6 | 284.2 | 286.5 | 288.2 | 288.2 | 288.8 | 290.5 |
| 175°   | 284.2 | 283.0 | 283.6 | 284.2 | 284.2 | 284.2 | 285.9 | 287.1 | 286.5 | 286.5 | 287.1 |
| 177.5° | 285.3 | 284.2 | 284.2 | 284.8 | 284.2 | 284.2 | 285.3 | 285.9 | 284.8 | 284.8 | 285.3 |
| 180°   | 284.8 | 284.8 | 284.8 | 284.8 | 284.8 | 284.8 | 284.8 | 284.8 | 284.8 | 284.8 | 284.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 2.5°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 5°     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 7.5°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 10°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 12.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 15°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 17.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 20°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 22.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 25°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 27.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 30°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 32.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 35°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 37.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 40°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 42.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 45°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 47.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 50°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 52.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 55°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 57.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 60°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 62.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 65°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 67.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 70°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 72.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 75°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 77.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 80°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 82.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 85°    | 0.0   | 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   |
| 90°    | 10.3  | 10.9  | 11.5  | 12.6  | 12.6  | 12.6  | 13.2  | 13.2  |
| 92.5°  | 124.6 | 89.6  | 66.6  | 55.7  | 46.5  | 44.8  | 43.6  | 42.5  |
| 95°    | 412.8 | 325.5 | 254.9 | 206.7 | 165.9 | 148.7 | 144.1 | 134.9 |
| 97.5°  | 591.9 | 522.5 | 451.3 | 382.4 | 347.9 | 318.1 | 302.6 | 295.7 |
| 100°   | 706.2 | 678.0 | 618.9 | 559.2 | 519.6 | 478.2 | 457.0 | 447.8 |
| 102.5° | 744.6 | 773.3 | 752.7 | 717.1 | 674.0 | 647.6 | 624.1 | 617.8 |
| 105°   | 718.8 | 797.5 | 822.7 | 816.4 | 798.0 | 779.1 | 767.6 | 760.7 |
| 107.5° | 666.0 | 769.9 | 830.8 | 856.0 | 861.2 | 858.3 | 852.6 | 846.8 |
| 110°   | 606.3 | 715.4 | 796.3 | 845.1 | 870.9 | 881.9 | 885.9 | 885.9 |



TEST NUMBER: P1007881

CATALOG NUMBER: S125IP-B610UB35-4F0-XX-W2A-4

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 559.2 | 661.4 | 743.5 | 803.2 | 844.0 | 864.6 | 876.1 | 881.3 |
| 115°   | 521.3 | 610.3 | 688.9 | 751.5 | 796.3 | 823.9 | 839.9 | 847.4 |
| 117.5° | 494.9 | 573.5 | 642.4 | 701.6 | 746.9 | 775.6 | 791.7 | 796.3 |
| 120°   | 474.2 | 543.1 | 606.3 | 656.8 | 699.3 | 726.8 | 742.3 | 746.9 |
| 122.5° | 458.7 | 521.3 | 575.8 | 622.4 | 659.1 | 683.8 | 699.3 | 703.3 |
| 125°   | 443.8 | 502.4 | 552.3 | 593.6 | 625.8 | 649.3 | 662.0 | 667.7 |
| 127.5° | 428.3 | 484.0 | 531.1 | 570.1 | 599.4 | 620.6 | 632.7 | 635.0 |
| 130°   | 413.9 | 464.5 | 509.2 | 546.6 | 575.3 | 594.2 | 605.7 | 609.1 |
| 132.5° | 399.6 | 446.1 | 485.7 | 521.3 | 550.0 | 569.0 | 579.3 | 583.3 |
| 135°   | 387.5 | 427.1 | 463.9 | 496.6 | 521.9 | 540.8 | 551.2 | 554.6 |
| 137.5° | 376.6 | 409.9 | 441.5 | 470.2 | 493.2 | 511.0 | 520.7 | 524.7 |
| 140°   | 368.0 | 395.0 | 421.4 | 445.5 | 466.8 | 481.7 | 490.3 | 493.2 |
| 142.5° | 360.5 | 382.4 | 404.2 | 424.3 | 441.5 | 453.6 | 461.6 | 463.9 |
| 145°   | 354.2 | 372.0 | 389.8 | 405.3 | 419.1 | 428.9 | 435.2 | 437.5 |
| 147.5° | 347.9 | 362.8 | 377.2 | 389.3 | 400.7 | 408.8 | 412.8 | 413.9 |
| 150°   | 342.8 | 355.4 | 366.3 | 376.6 | 385.2 | 392.1 | 394.4 | 395.0 |
| 152.5° | 337.0 | 347.9 | 357.7 | 365.1 | 372.0 | 377.2 | 379.5 | 380.1 |
| 155°   | 331.3 | 340.5 | 348.5 | 354.8 | 360.5 | 364.6 | 366.3 | 366.9 |
| 157.5° | 325.5 | 333.6 | 339.9 | 345.0 | 349.6 | 353.1 | 354.8 | 354.8 |
| 160°   | 319.8 | 325.5 | 331.3 | 335.3 | 339.3 | 342.2 | 343.3 | 342.8 |
| 162.5° | 313.5 | 318.6 | 323.2 | 326.7 | 329.5 | 331.8 | 331.8 | 331.8 |
| 165°   | 307.7 | 311.7 | 315.2 | 318.1 | 320.4 | 321.5 | 321.5 | 321.5 |
| 167.5° | 302.0 | 304.9 | 307.7 | 310.0 | 311.2 | 312.3 | 311.7 | 311.7 |
| 170°   | 297.4 | 299.1 | 300.8 | 302.0 | 303.1 | 303.7 | 303.7 | 303.1 |
| 172.5° | 292.2 | 294.0 | 295.1 | 295.7 | 295.7 | 296.8 | 295.7 | 295.1 |
| 175°   | 288.8 | 288.8 | 289.9 | 289.9 | 289.9 | 290.5 | 289.4 | 288.8 |
| 177.5° | 285.9 | 286.5 | 286.5 | 286.5 | 285.9 | 286.5 | 284.8 | 284.8 |
| 180°   | 284.8 | 284.8 | 284.8 | 284.8 | 284.8 | 284.8 | 284.8 | 284.8 |

(END OF REPORT)