

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: P1007854

Luminaire Tested: S125IP-B375UB40-4F0-XX-W2A-4

Issue Date: 5/5/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1007854  
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-B375UB40-4F0-XX-W2A-4  
Description: Define 5 Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}  
Light Source: -  
Ballast/Driver: -

**Summary**

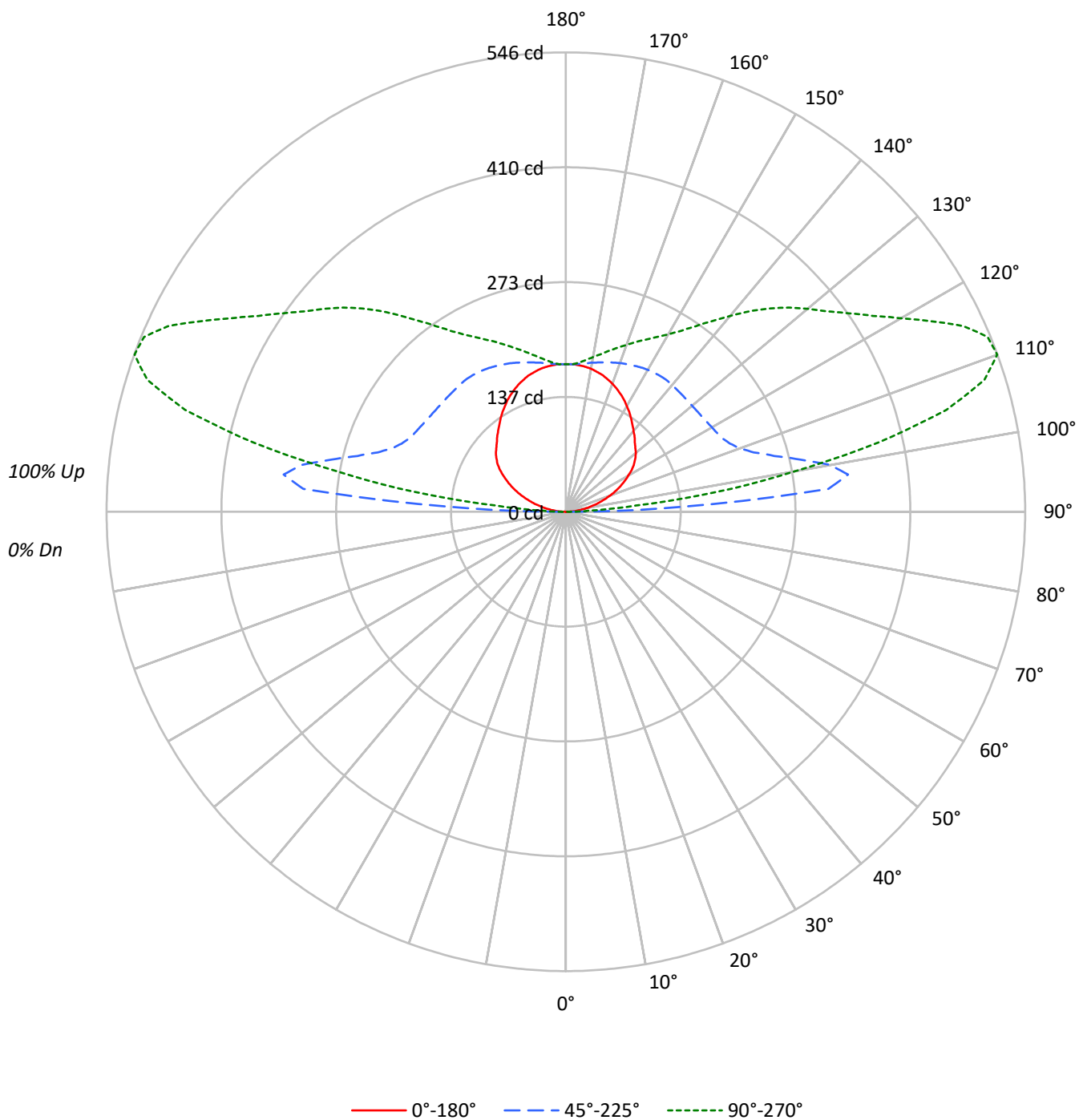
Lumens per Lamp: N/A  
Luminaire Lumens: 1318.0 lumens  
Efficiency: N/A  
Efficacy: 141.7 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular (W 0.42' x L: 4' x H: 0')  
CIE Type: Indirect

Input Watts (W): 9.3  
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: P1007854

CATALOG NUMBER: S125IP-B375UB40-4F0-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

TEST NUMBER: P1007854

CATALOG NUMBER: S125IP-B375UB40-4F0-XX-W2A-4

**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°   | 0.7    | 0.1       |
| 90°-100°  | 127.6  | 9.7       |
| 100°-110° | 275.1  | 20.9      |
| 110°-120° | 256.5  | 19.5      |
| 120°-130° | 207.7  | 15.8      |
| 130°-140° | 166.8  | 12.7      |
| 140°-150° | 125.8  | 9.5       |
| 150°-160° | 88.6   | 6.7       |
| 160°-170° | 52.2   | 4.0       |
| 170°-180° | 17.0   | 1.3       |
| 0°-30°    | 0.0    | 0.0       |
| 0°-40°    | 0.0    | 0.0       |
| 0°-60°    | 0.0    | 0.0       |
| 0°-90°    | 0.7    | 0.1       |
| 90°-120°  | 659.2  | 50.0      |
| 90°-150°  | 1159.5 | 88.0      |
| 90°-180°  | 1317.0 | 99.9      |
| 0°-180°   | 1318.0 | 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°  | 0   | 3     | 6   | 7     | 8   | 1    |
| 95°  | 12  | 34    | 313 | 142   | 83  | 12   |
| 105° | 40  | 56    | 256 | 505   | 468 | 42   |
| 115° | 71  | 86    | 206 | 444   | 522 | 70   |
| 125° | 99  | 116   | 197 | 353   | 411 | 88   |
| 135° | 116 | 140   | 196 | 296   | 342 | 90   |
| 145° | 135 | 155   | 197 | 245   | 269 | 85   |
| 155° | 154 | 166   | 192 | 217   | 226 | 71   |
| 165° | 168 | 173   | 184 | 195   | 198 | 47   |
| 175° | 175 | 175   | 176 | 179   | 178 | 17   |
| 180° | 175 | 175   | 175 | 175   | 175 |      |

TEST NUMBER: P1007854

CATALOG NUMBER: S125IP-B375UB40-4F0-XX-W2A-4

**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°    | 0.4  | 0.7  | 1.4  | 2.1  | 2.8  | 3.5  | 3.9  | 4.6   | 5.0   | 5.7   | 6.0   |
| 92.5°  | 5.3  | 6.4  | 9.9  | 15.2 | 22.6 | 35.4 | 59.4 | 99.7  | 143.6 | 141.1 | 113.9 |
| 95°    | 11.7 | 12.0 | 14.9 | 18.7 | 26.5 | 42.4 | 80.3 | 158.1 | 255.6 | 313.3 | 306.6 |
| 97.5°  | 18.0 | 18.4 | 20.5 | 24.4 | 31.5 | 43.1 | 69.3 | 129.1 | 234.4 | 338.4 | 382.9 |
| 100°   | 24.8 | 25.5 | 26.9 | 30.8 | 37.5 | 48.1 | 68.6 | 114.6 | 203.7 | 319.3 | 407.7 |
| 102.5° | 32.2 | 32.5 | 33.6 | 37.8 | 43.8 | 54.1 | 71.8 | 108.6 | 180.3 | 285.7 | 392.8 |
| 105°   | 40.0 | 40.0 | 41.7 | 45.3 | 50.9 | 60.8 | 76.4 | 107.8 | 166.9 | 256.4 | 357.8 |
| 107.5° | 47.4 | 48.1 | 49.9 | 52.7 | 58.7 | 67.5 | 82.7 | 110.3 | 159.8 | 234.4 | 324.6 |
| 110°   | 55.5 | 56.2 | 57.6 | 60.8 | 66.1 | 75.3 | 89.8 | 114.2 | 157.0 | 219.9 | 297.0 |

TEST NUMBER: P1007854

CATALOG NUMBER: S125IP-B375UB40-4F0-XX-W2A-4

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 63.6  | 64.4  | 65.4  | 68.6  | 73.9  | 82.7  | 96.5  | 119.2 | 157.0 | 211.5 | 276.5 |
| 115°   | 71.4  | 72.1  | 73.2  | 76.4  | 81.7  | 90.5  | 103.6 | 124.1 | 158.1 | 205.8 | 262.7 |
| 117.5° | 78.5  | 79.6  | 80.6  | 83.8  | 89.8  | 98.3  | 110.7 | 129.8 | 159.8 | 202.6 | 253.5 |
| 120°   | 85.6  | 86.6  | 88.0  | 91.2  | 97.2  | 106.1 | 118.5 | 135.4 | 162.7 | 200.5 | 246.1 |
| 122.5° | 93.0  | 93.7  | 94.8  | 97.9  | 104.7 | 113.5 | 125.9 | 141.8 | 165.1 | 198.7 | 239.7 |
| 125°   | 99.0  | 99.7  | 101.5 | 104.7 | 111.4 | 120.6 | 132.2 | 147.4 | 168.0 | 197.3 | 234.1 |
| 127.5° | 104.0 | 105.0 | 107.1 | 111.0 | 118.1 | 127.3 | 138.6 | 152.8 | 171.1 | 196.6 | 228.8 |
| 130°   | 108.6 | 109.6 | 112.4 | 117.0 | 124.5 | 133.7 | 144.6 | 158.1 | 174.0 | 195.9 | 223.5 |
| 132.5° | 112.1 | 113.5 | 117.0 | 122.3 | 130.1 | 139.3 | 150.3 | 162.7 | 177.2 | 195.9 | 219.2 |
| 135°   | 116.0 | 117.4 | 121.6 | 127.3 | 134.7 | 144.3 | 155.2 | 166.9 | 180.0 | 195.9 | 216.0 |
| 137.5° | 120.9 | 122.0 | 125.9 | 131.5 | 139.0 | 148.9 | 158.8 | 170.1 | 182.8 | 196.2 | 212.9 |
| 140°   | 125.2 | 126.2 | 130.5 | 136.1 | 142.9 | 152.4 | 162.7 | 173.3 | 184.6 | 196.6 | 210.7 |
| 142.5° | 130.1 | 130.8 | 134.7 | 140.4 | 146.7 | 155.6 | 165.1 | 175.0 | 185.6 | 197.0 | 209.0 |
| 145°   | 135.1 | 135.8 | 139.3 | 144.3 | 150.6 | 158.8 | 168.0 | 176.8 | 186.3 | 196.6 | 207.2 |
| 147.5° | 140.4 | 140.7 | 143.9 | 148.5 | 154.2 | 161.6 | 169.7 | 177.9 | 186.7 | 195.9 | 205.4 |
| 150°   | 145.0 | 145.7 | 148.2 | 152.8 | 157.7 | 163.7 | 171.5 | 178.9 | 186.7 | 194.8 | 203.3 |
| 152.5° | 149.9 | 150.3 | 152.4 | 156.3 | 160.9 | 166.2 | 173.3 | 179.6 | 186.3 | 193.4 | 200.8 |
| 155°   | 154.2 | 154.2 | 156.3 | 159.8 | 163.4 | 168.3 | 174.3 | 180.0 | 185.6 | 191.6 | 198.0 |
| 157.5° | 158.1 | 158.1 | 159.8 | 163.0 | 166.2 | 170.1 | 175.4 | 180.3 | 184.9 | 189.9 | 195.5 |
| 160°   | 161.9 | 161.6 | 163.0 | 165.5 | 168.3 | 171.5 | 176.1 | 180.3 | 183.9 | 188.1 | 192.4 |
| 162.5° | 165.1 | 164.8 | 166.2 | 168.3 | 170.4 | 172.9 | 176.8 | 180.0 | 182.8 | 186.0 | 189.5 |
| 165°   | 168.3 | 167.6 | 168.7 | 170.4 | 171.8 | 174.0 | 176.8 | 179.6 | 181.7 | 183.9 | 186.7 |
| 167.5° | 170.4 | 170.1 | 170.8 | 171.8 | 172.9 | 174.3 | 176.8 | 178.9 | 180.0 | 181.7 | 183.9 |
| 170°   | 172.6 | 172.2 | 172.6 | 173.3 | 174.0 | 175.0 | 176.8 | 178.2 | 178.9 | 180.0 | 181.4 |
| 172.5° | 174.0 | 173.3 | 173.6 | 174.3 | 174.7 | 175.0 | 176.4 | 177.5 | 177.5 | 177.9 | 178.9 |
| 175°   | 175.0 | 174.3 | 174.7 | 175.0 | 175.0 | 175.0 | 176.1 | 176.8 | 176.4 | 176.4 | 176.8 |
| 177.5° | 175.7 | 175.0 | 175.0 | 175.4 | 175.0 | 175.0 | 175.7 | 176.1 | 175.4 | 175.4 | 175.7 |
| 180°   | 175.4 | 175.4 | 175.4 | 175.4 | 175.4 | 175.4 | 175.4 | 175.4 | 175.4 | 175.4 | 175.4 |

TEST NUMBER: P1007854

CATALOG NUMBER: S125IP-B375UB40-4F0-XX-W2A-4

**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°    | 6.4   | 6.7   | 7.1   | 7.8   | 7.8   | 7.8   | 8.1   | 8.1   |
| 92.5°  | 76.7  | 55.2  | 41.0  | 34.3  | 28.6  | 27.6  | 26.9  | 26.2  |
| 95°    | 254.2 | 200.5 | 157.0 | 127.3 | 102.2 | 91.6  | 88.8  | 83.1  |
| 97.5°  | 364.6 | 321.8 | 277.9 | 235.5 | 214.3 | 195.9 | 186.3 | 182.1 |
| 100°   | 434.9 | 417.6 | 381.2 | 344.4 | 320.0 | 294.5 | 281.5 | 275.8 |
| 102.5° | 458.6 | 476.3 | 463.6 | 441.6 | 415.1 | 398.9 | 384.4 | 380.5 |
| 105°   | 442.7 | 491.1 | 506.7 | 502.8 | 491.5 | 479.8 | 472.8 | 468.5 |
| 107.5° | 410.2 | 474.2 | 511.7 | 527.2 | 530.4 | 528.6 | 525.1 | 521.6 |
| 110°   | 373.4 | 440.6 | 490.4 | 520.5 | 536.4 | 543.1 | 545.6 | 545.6 |

TEST NUMBER: P1007854

CATALOG NUMBER: S125IP-B375UB40-4F0-XX-W2A-4

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 344.4 | 407.3 | 457.9 | 494.7 | 519.8 | 532.5 | 539.6 | 542.8 |
| 115°   | 321.1 | 375.9 | 424.3 | 462.9 | 490.4 | 507.4 | 517.3 | 521.9 |
| 117.5° | 304.8 | 353.2 | 395.7 | 432.1 | 460.0 | 477.7 | 487.6 | 490.4 |
| 120°   | 292.1 | 334.5 | 373.4 | 404.5 | 430.7 | 447.7 | 457.2 | 460.0 |
| 122.5° | 282.5 | 321.1 | 354.7 | 383.3 | 405.9 | 421.1 | 430.7 | 433.2 |
| 125°   | 273.3 | 309.4 | 340.2 | 365.6 | 385.4 | 399.9 | 407.7 | 411.2 |
| 127.5° | 263.8 | 298.1 | 327.1 | 351.1 | 369.2 | 382.2 | 389.7 | 391.1 |
| 130°   | 254.9 | 286.1 | 313.6 | 336.6 | 354.3 | 366.0 | 373.0 | 375.2 |
| 132.5° | 246.1 | 274.7 | 299.1 | 321.1 | 338.7 | 350.4 | 356.8 | 359.3 |
| 135°   | 238.7 | 263.1 | 285.7 | 305.9 | 321.4 | 333.1 | 339.5 | 341.6 |
| 137.5° | 232.0 | 252.5 | 271.9 | 289.6 | 303.7 | 314.7 | 320.7 | 323.2 |
| 140°   | 226.7 | 243.3 | 259.5 | 274.4 | 287.5 | 296.7 | 302.0 | 303.7 |
| 142.5° | 222.1 | 235.5 | 248.9 | 261.3 | 271.9 | 279.3 | 284.3 | 285.7 |
| 145°   | 218.2 | 229.1 | 240.1 | 249.6 | 258.1 | 264.1 | 268.0 | 269.4 |
| 147.5° | 214.3 | 223.5 | 232.3 | 239.7 | 246.8 | 251.8 | 254.2 | 254.9 |
| 150°   | 211.1 | 218.9 | 225.6 | 232.0 | 237.3 | 241.5 | 242.9 | 243.3 |
| 152.5° | 207.6 | 214.3 | 220.3 | 224.9 | 229.1 | 232.3 | 233.7 | 234.1 |
| 155°   | 204.0 | 209.7 | 214.6 | 218.5 | 222.1 | 224.5 | 225.6 | 225.9 |
| 157.5° | 200.5 | 205.4 | 209.3 | 212.5 | 215.3 | 217.5 | 218.5 | 218.5 |
| 160°   | 197.0 | 200.5 | 204.0 | 206.5 | 209.0 | 210.7 | 211.5 | 211.1 |
| 162.5° | 193.1 | 196.2 | 199.1 | 201.2 | 203.0 | 204.4 | 204.4 | 204.4 |
| 165°   | 189.5 | 192.0 | 194.1 | 195.9 | 197.3 | 198.0 | 198.0 | 198.0 |
| 167.5° | 186.0 | 187.8 | 189.5 | 190.9 | 191.6 | 192.4 | 192.0 | 192.0 |
| 170°   | 183.2 | 184.2 | 185.3 | 186.0 | 186.7 | 187.1 | 187.1 | 186.7 |
| 172.5° | 180.0 | 181.0 | 181.7 | 182.1 | 182.1 | 182.8 | 182.1 | 181.7 |
| 175°   | 177.9 | 177.9 | 178.6 | 178.6 | 178.6 | 178.9 | 178.2 | 177.9 |
| 177.5° | 176.1 | 176.4 | 176.4 | 176.4 | 176.1 | 176.4 | 175.4 | 175.4 |
| 180°   | 175.4 | 175.4 | 175.4 | 175.4 | 175.4 | 175.4 | 175.4 | 175.4 |

(END OF REPORT)