

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: PrentaLux

Report Number: P1244832

Luminaire Tested: PRLX-MIN-L-935-02L-U-OW

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1244832  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2412-299-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PrentaLux  
Catalog Number: PRLX-MIN-L-935-02L-U-OW  
Description: 3D PRINTED PENDANT LED LUMINAIRE, LARGE LIGHT ENGINE, OPEN WEAVE SHADE TEXTURE  
LIGHT LEVEL 1  
Light Source: -  
Ballast/Driver: -

**Summary**

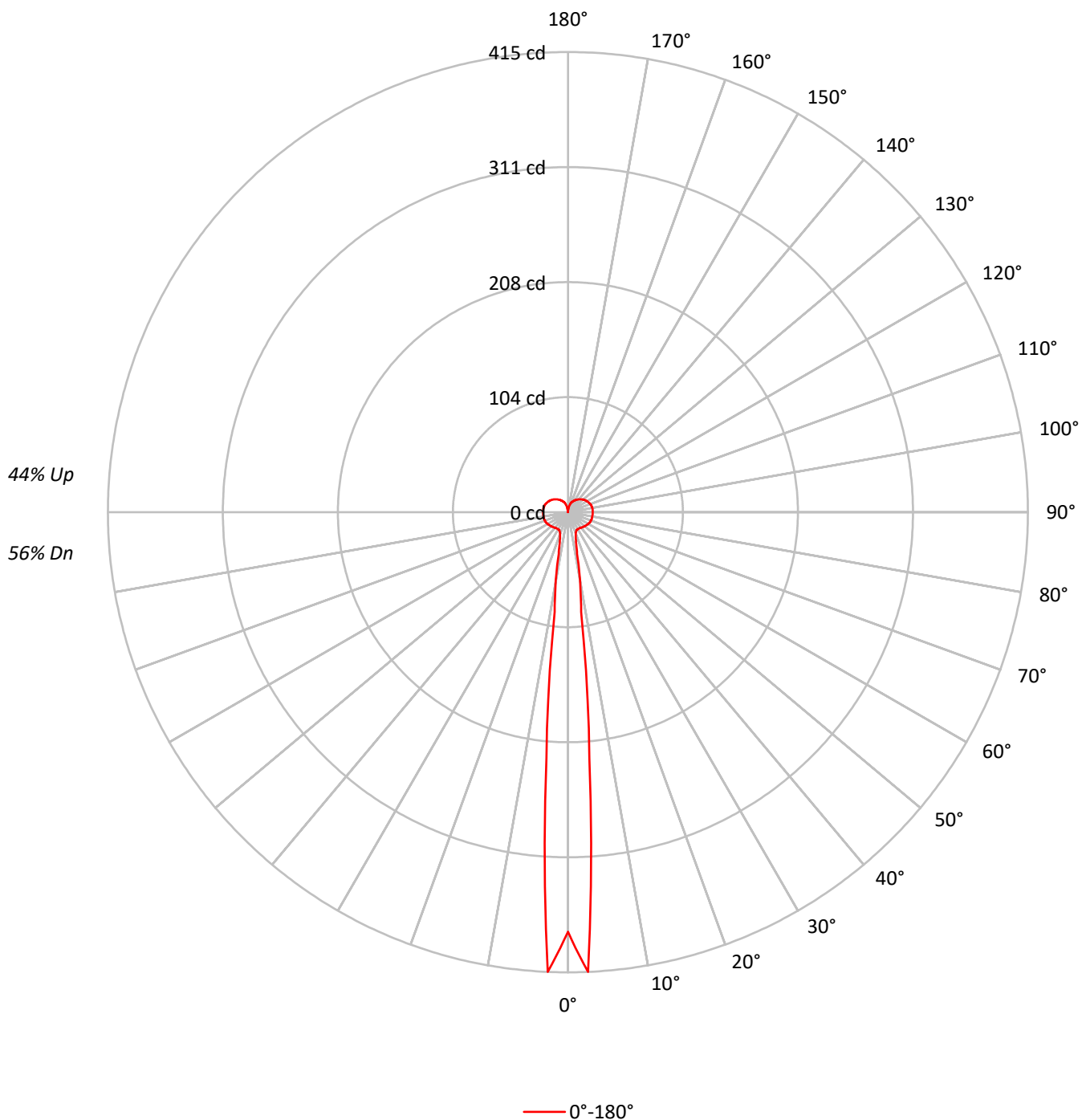
Lumens per Lamp: N/A  
Luminaire Lumens: 261.0 lumens  
Efficiency: N/A  
Efficacy: 46.6 lumens/watt  
Spacing Criteria (0/90/45): 0.2 / 0.2 / 0.18  
Luminous Opening: Rectangular w/ Sides (W: 0.58' x L: 0.58' x H: 1.92')  
CIE Type: General Diffuse

Input Watts (W): 5.6  
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: 28.75 FT

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### 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 | 50 | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 109 | 109 | 109 | 109 | 101 | 101 | 101 | 101 | 87 | 87 | 87 | 74 | 74 | 74 | 62 | 62 | 62 |    |    | 56 |
| 1   | 95  | 89  | 83  | 78  | 88  | 82  | 77  | 73  | 70 | 66 | 63 | 59 | 56 | 53 | 48 | 46 | 44 |    |    | 39 |
| 2   | 85  | 76  | 68  | 62  | 79  | 70  | 63  | 58  | 60 | 54 | 50 | 50 | 46 | 42 | 41 | 38 | 35 |    |    | 30 |
| 3   | 77  | 66  | 57  | 50  | 71  | 61  | 53  | 47  | 52 | 46 | 41 | 43 | 39 | 35 | 36 | 32 | 29 |    |    | 25 |
| 4   | 71  | 58  | 49  | 42  | 65  | 54  | 46  | 40  | 46 | 40 | 35 | 39 | 34 | 30 | 32 | 28 | 25 |    |    | 21 |
| 5   | 65  | 52  | 43  | 36  | 60  | 48  | 40  | 34  | 41 | 35 | 30 | 35 | 30 | 26 | 29 | 25 | 22 |    |    | 18 |
| 6   | 60  | 47  | 38  | 32  | 55  | 44  | 36  | 30  | 38 | 31 | 26 | 32 | 27 | 23 | 27 | 22 | 19 |    |    | 16 |
| 7   | 56  | 43  | 34  | 28  | 52  | 40  | 32  | 27  | 35 | 28 | 24 | 29 | 24 | 21 | 25 | 21 | 18 |    |    | 15 |
| 8   | 52  | 39  | 31  | 25  | 48  | 37  | 29  | 24  | 32 | 26 | 21 | 27 | 22 | 19 | 23 | 19 | 16 |    |    | 14 |
| 9   | 49  | 36  | 28  | 23  | 45  | 34  | 27  | 22  | 30 | 24 | 20 | 26 | 21 | 17 | 22 | 18 | 15 |    |    | 13 |
| 10  | 46  | 34  | 26  | 21  | 43  | 32  | 25  | 20  | 28 | 22 | 18 | 24 | 19 | 16 | 21 | 17 | 14 |    |    | 12 |

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

|     |       |
|-----|-------|
|     | 0°    |
| 0°  | 11968 |
| 5°  | 5488  |
| 10° | 1279  |
| 15° | 488   |
| 20° | 316   |
| 25° | 251   |
| 30° | 223   |
| 35° | 208   |
| 40° | 201   |
| 45° | 198   |
| 50° | 197   |
| 55° | 198   |
| 60° | 200   |
| 65° | 203   |
| 70° | 204   |
| 75° | 206   |
| 80° | 207   |
| 85° | 211   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 90°  
Luminance: 216 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 16.0   | 6.1       |
| 10°-20°   | 8.8    | 3.4       |
| 20°-30°   | 8.6    | 3.3       |
| 30°-40°   | 11.2   | 4.3       |
| 40°-50°   | 14.7   | 5.6       |
| 50°-60°   | 18.3   | 7.0       |
| 60°-70°   | 21.6   | 8.3       |
| 70°-80°   | 23.6   | 9.0       |
| 80°-90°   | 24.4   | 9.3       |
| 90°-100°  | 24.4   | 9.4       |
| 100°-110° | 23.2   | 8.9       |
| 110°-120° | 20.5   | 7.9       |
| 120°-130° | 16.9   | 6.5       |
| 130°-140° | 12.8   | 4.9       |
| 140°-150° | 8.6    | 3.3       |
| 150°-160° | 5.1    | 1.9       |
| 160°-170° | 2.1    | 0.8       |
| 170°-180° | 0.2    | 0.1       |
| 0°-30°    | 33.3   | 12.8      |
| 0°-40°    | 44.5   | 17.1      |
| 0°-60°    | 77.6   | 29.7      |
| 0°-90°    | 147.1  | 56.4      |
| 90°-120°  | 68.2   | 26.1      |
| 90°-150°  | 106.5  | 40.8      |
| 90°-180°  | 114.0  | 43.7      |
| 0°-180°   | 261.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | Flux |
|------|-----|------|
| 0°   | 378 |      |
| 5°   | 222 | 16   |
| 15°  | 28  | 9    |
| 25°  | 18  | 9    |
| 35°  | 18  | 11   |
| 45°  | 19  | 15   |
| 55°  | 20  | 18   |
| 65°  | 22  | 22   |
| 75°  | 22  | 24   |
| 85°  | 22  | 18   |
| 90°  | 22  | 12   |
| 95°  | 22  | 18   |
| 105° | 22  | 23   |
| 115° | 21  | 21   |
| 125° | 19  | 17   |
| 135° | 16  | 13   |
| 145° | 14  | 9    |
| 155° | 11  | 5    |
| 165° | 7   | 2    |
| 175° | 1   | 0    |
| 180° | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°     |       |
|--------|-------|
| 0°     | 378.3 |
| 2.5°   | 415.0 |
| 5°     | 222.5 |
| 7.5°   | 90.6  |
| 10°    | 62.9  |
| 12.5°  | 38.5  |
| 15°    | 28.0  |
| 17.5°  | 23.3  |
| 20°    | 20.6  |
| 22.5°  | 19.1  |
| 25°    | 18.2  |
| 27.5°  | 17.8  |
| 30°    | 17.7  |
| 32.5°  | 17.7  |
| 35°    | 17.8  |
| 37.5°  | 18.0  |
| 40°    | 18.3  |
| 42.5°  | 18.6  |
| 45°    | 19.0  |
| 47.5°  | 19.4  |
| 50°    | 19.7  |
| 52.5°  | 20.0  |
| 55°    | 20.4  |
| 57.5°  | 20.8  |
| 60°    | 21.1  |
| 62.5°  | 21.5  |
| 65°    | 21.8  |
| 67.5°  | 22.0  |
| 70°    | 22.1  |
| 72.5°  | 22.3  |
| 75°    | 22.4  |
| 77.5°  | 22.3  |
| 80°    | 22.3  |
| 82.5°  | 22.3  |
| 85°    | 22.4  |
| 87.5°  | 22.4  |
| 90°    | 22.4  |
| 92.5°  | 22.4  |
| 95°    | 22.4  |
| 97.5°  | 22.4  |
| 100°   | 22.3  |
| 102.5° | 22.1  |
| 105°   | 22.0  |
| 107.5° | 21.8  |
| 110°   | 21.5  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°   |
|--------|------|
| 112.5° | 21.1 |
| 115°   | 20.7 |
| 117.5° | 20.3 |
| 120°   | 19.8 |
| 122.5° | 19.4 |
| 125°   | 18.9 |
| 127.5° | 18.3 |
| 130°   | 17.7 |
| 132.5° | 17.2 |
| 135°   | 16.5 |
| 137.5° | 15.7 |
| 140°   | 15.1 |
| 142.5° | 14.4 |
| 145°   | 13.6 |
| 147.5° | 13.0 |
| 150°   | 12.3 |
| 152.5° | 11.5 |
| 155°   | 10.9 |
| 157.5° | 10.1 |
| 160°   | 9.3  |
| 162.5° | 8.4  |
| 165°   | 7.3  |
| 167.5° | 5.9  |
| 170°   | 4.1  |
| 172.5° | 2.5  |
| 175°   | 1.0  |
| 177.5° | 0.3  |
| 180°   | 0.1  |

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**CIE UGR TABLE:**

| Reflectances:   |      |                  |      |      |      |      |                |      |      |      |      |
|-----------------|------|------------------|------|------|------|------|----------------|------|------|------|------|
| Ceiling         |      | 0.7              | 0.7  | 0.5  | 0.5  | 0.3  | 0.7            | 0.7  | 0.5  | 0.5  | 0.3  |
| Wall            |      | 0.5              | 0.3  | 0.5  | 0.3  | 0.3  | 0.5            | 0.3  | 0.5  | 0.3  | 0.3  |
| Reference plane |      | 0.2              | 0.2  | 0.2  | 0.2  | 0.2  | 0.2            | 0.2  | 0.2  | 0.2  | 0.2  |
| Room Dimensions |      | Viewed crosswise |      |      |      |      | Viewed endwise |      |      |      |      |
| X=2H            | Y=2H | 2.0              | 3.0  | 2.9  | 3.9  | 5.1  | 2.0            | 3.0  | 2.9  | 3.9  | 5.1  |
|                 | 3H   | 5.0              | 5.9  | 5.9  | 6.9  | 8.1  | 5.0            | 5.9  | 5.9  | 6.9  | 8.1  |
|                 | 4H   | 6.4              | 7.3  | 7.3  | 8.3  | 9.5  | 6.4            | 7.3  | 7.3  | 8.3  | 9.5  |
|                 | 6H   | 7.8              | 8.7  | 8.7  | 9.6  | 10.8 | 7.8            | 8.7  | 8.7  | 9.6  | 10.8 |
|                 | 8H   | 8.5              | 9.3  | 9.4  | 10.3 | 11.5 | 8.5            | 9.3  | 9.4  | 10.3 | 11.5 |
|                 | 12H  | 9.2              | 9.9  | 10.1 | 10.9 | 12.1 | 9.2            | 9.9  | 10.1 | 10.9 | 12.1 |
| 4H              | 2H   | 2.8              | 3.7  | 3.7  | 4.6  | 5.8  | 2.8            | 3.7  | 3.7  | 4.6  | 5.8  |
|                 | 3H   | 5.9              | 6.7  | 6.9  | 7.7  | 8.9  | 5.9            | 6.7  | 6.9  | 7.7  | 8.9  |
|                 | 4H   | 7.5              | 8.3  | 8.5  | 9.2  | 10.5 | 7.5            | 8.3  | 8.5  | 9.2  | 10.5 |
|                 | 6H   | 9.1              | 9.8  | 10.0 | 10.7 | 12.0 | 9.1            | 9.8  | 10.0 | 10.7 | 12.0 |
|                 | 8H   | 9.9              | 10.5 | 10.8 | 11.4 | 12.7 | 9.9            | 10.5 | 10.8 | 11.4 | 12.7 |
|                 | 12H  | 10.6             | 11.2 | 11.6 | 12.2 | 13.4 | 10.6           | 11.2 | 11.6 | 12.2 | 13.4 |
| 8H              | 4H   | 8.0              | 8.7  | 9.0  | 9.6  | 10.9 | 8.0            | 8.7  | 9.0  | 9.6  | 10.9 |
|                 | 6H   | 9.8              | 10.3 | 10.8 | 11.3 | 12.6 | 9.8            | 10.3 | 10.8 | 11.3 | 12.6 |
|                 | 8H   | 10.7             | 11.2 | 11.7 | 12.2 | 13.5 | 10.7           | 11.2 | 11.7 | 12.2 | 13.5 |
|                 | 12H  | 11.6             | 12.1 | 12.6 | 13.1 | 14.4 | 11.6           | 12.1 | 12.6 | 13.1 | 14.4 |
| 12H             | 4H   | 8.1              | 8.7  | 9.1  | 9.7  | 11.0 | 8.1            | 8.7  | 9.1  | 9.7  | 11.0 |
|                 | 6H   | 10.0             | 10.5 | 11.0 | 11.5 | 12.8 | 10.0           | 10.5 | 11.0 | 11.5 | 12.8 |
|                 | 8H   | 11.0             | 11.4 | 11.9 | 12.4 | 13.7 | 11.0           | 11.4 | 11.9 | 12.4 | 13.7 |

(END OF REPORT)