

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: P1244879

Luminaire Tested: PRLX-MIN-M-927-01L-U-NL

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1244879  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2412-299-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PrentaLux  
Catalog Number: PRLX-MIN-M-927-01L-U-NL  
Description: 3D PRINTED PENDANT LED LUMINAIRE, MEDIUM LIGHT ENGINE, NATURAL LINES SHADE TEXT LIGHT LEVEL 1  
Light Source: -  
Ballast/Driver: -

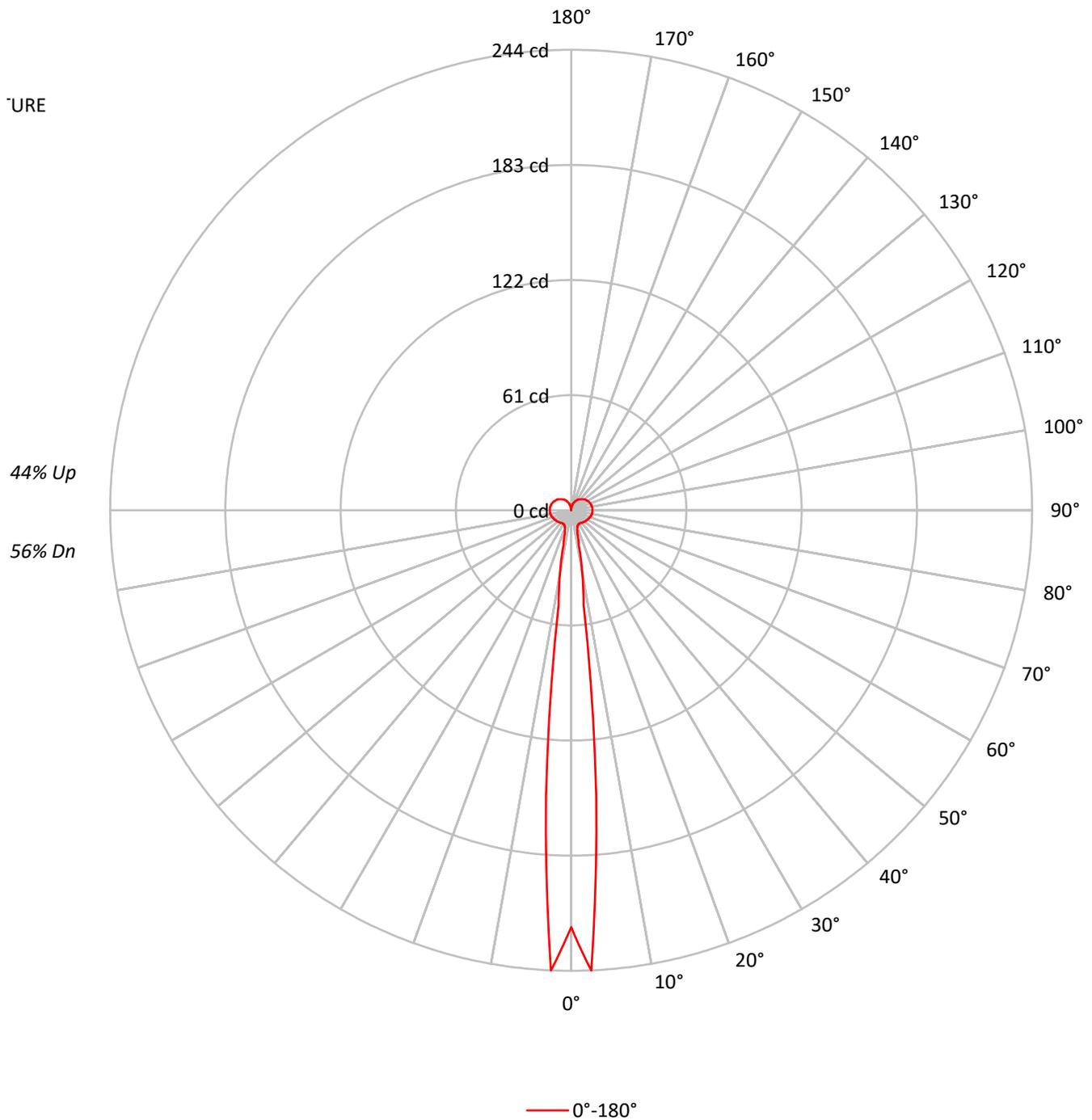
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 130.1 lumens  
Efficiency: N/A  
Efficacy: 20.7 lumens/watt  
Spacing Criteria (0/90/45): 0.21 / 0.21 / 0.18  
Luminous Opening: Rectangular w/ Sides (W: 0.46' x L: 0.46' x H: 1.92')  
CIE Type: General Diffuse  
  
Input Watts (W): 6.3  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 9.7    | 7.5       |
| 10°-20°   | 4.3    | 3.3       |
| 20°-30°   | 4.0    | 3.1       |
| 30°-40°   | 5.3    | 4.1       |
| 40°-50°   | 6.9    | 5.3       |
| 50°-60°   | 8.6    | 6.6       |
| 60°-70°   | 10.2   | 7.8       |
| 70°-80°   | 11.5   | 8.9       |
| 80°-90°   | 12.3   | 9.5       |
| 90°-100°  | 12.3   | 9.5       |
| 100°-110° | 11.6   | 8.9       |
| 110°-120° | 10.3   | 7.9       |
| 120°-130° | 8.5    | 6.6       |
| 130°-140° | 6.5    | 5.0       |
| 140°-150° | 4.4    | 3.4       |
| 150°-160° | 2.5    | 1.9       |
| 160°-170° | 1.0    | 0.8       |
| 170°-180° | 0.1    | 0.1       |
| 0°-30°    | 18.0   | 13.8      |
| 0°-40°    | 23.3   | 17.9      |
| 0°-60°    | 38.9   | 29.9      |
| 0°-90°    | 72.9   | 56.0      |
| 90°-120°  | 34.2   | 26.3      |
| 90°-150°  | 53.6   | 41.2      |
| 90°-180°  | 57.0   | 43.8      |
| 0°-180°   | 130.1  | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | Flux |
|------|-----|------|
| 0°   | 221 |      |
| 5°   | 152 | 10   |
| 15°  | 13  | 4    |
| 25°  | 9   | 4    |
| 35°  | 8   | 5    |
| 45°  | 9   | 7    |
| 55°  | 10  | 9    |
| 65°  | 10  | 10   |
| 75°  | 11  | 12   |
| 85°  | 11  | 9    |
| 90°  | 11  | 6    |
| 95°  | 11  | 9    |
| 105° | 11  | 12   |
| 115° | 10  | 10   |
| 125° | 10  | 9    |
| 135° | 8   | 6    |
| 145° | 7   | 4    |
| 155° | 5   | 2    |
| 165° | 3   | 1    |
| 175° | 0   | 0    |
| 180° | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°     |       |
|--------|-------|
| 0°     | 220.9 |
| 2.5°   | 244.1 |
| 5°     | 152.0 |
| 7.5°   | 50.4  |
| 10°    | 34.2  |
| 12.5°  | 18.8  |
| 15°    | 13.0  |
| 17.5°  | 10.8  |
| 20°    | 9.5   |
| 22.5°  | 9.0   |
| 25°    | 8.6   |
| 27.5°  | 8.3   |
| 30°    | 8.3   |
| 32.5°  | 8.3   |
| 35°    | 8.3   |
| 37.5°  | 8.5   |
| 40°    | 8.6   |
| 42.5°  | 8.8   |
| 45°    | 9.0   |
| 47.5°  | 9.1   |
| 50°    | 9.3   |
| 52.5°  | 9.5   |
| 55°    | 9.6   |
| 57.5°  | 9.8   |
| 60°    | 9.9   |
| 62.5°  | 10.1  |
| 65°    | 10.3  |
| 67.5°  | 10.4  |
| 70°    | 10.6  |
| 72.5°  | 10.8  |
| 75°    | 10.9  |
| 77.5°  | 11.1  |
| 80°    | 11.1  |
| 82.5°  | 11.3  |
| 85°    | 11.3  |
| 87.5°  | 11.3  |
| 90°    | 11.3  |
| 92.5°  | 11.3  |
| 95°    | 11.3  |
| 97.5°  | 11.3  |
| 100°   | 11.1  |
| 102.5° | 11.1  |
| 105°   | 10.9  |
| 107.5° | 10.9  |
| 110°   | 10.8  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°   |
|--------|------|
| 112.5° | 10.6 |
| 115°   | 10.4 |
| 117.5° | 10.3 |
| 120°   | 9.9  |
| 122.5° | 9.8  |
| 125°   | 9.5  |
| 127.5° | 9.3  |
| 130°   | 9.0  |
| 132.5° | 8.6  |
| 135°   | 8.3  |
| 137.5° | 8.0  |
| 140°   | 7.7  |
| 142.5° | 7.3  |
| 145°   | 7.0  |
| 147.5° | 6.7  |
| 150°   | 6.2  |
| 152.5° | 5.7  |
| 155°   | 5.4  |
| 157.5° | 4.9  |
| 160°   | 4.4  |
| 162.5° | 4.1  |
| 165°   | 3.4  |
| 167.5° | 2.8  |
| 170°   | 2.0  |
| 172.5° | 1.1  |
| 175°   | 0.3  |
| 177.5° | 0.0  |
| 180°   | 0.0  |



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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 | 0.1              | 1.1  | 1.0  | 2.1  | 3.2  | 0.1            | 1.1  | 1.0  | 2.1  | 3.2  |
|                 | 3H   | 3.1              | 4.1  | 4.0  | 5.0  | 6.2  | 3.1            | 4.1  | 4.0  | 5.0  | 6.2  |
|                 | 4H   | 4.6              | 5.5  | 5.5  | 6.5  | 7.7  | 4.6            | 5.5  | 5.5  | 6.5  | 7.7  |
|                 | 6H   | 6.1              | 7.0  | 7.0  | 7.9  | 9.1  | 6.1            | 7.0  | 7.0  | 7.9  | 9.1  |
|                 | 8H   | 6.8              | 7.6  | 7.8  | 8.6  | 9.8  | 6.8            | 7.6  | 7.8  | 8.6  | 9.8  |
|                 | 12H  | 7.5              | 8.3  | 8.5  | 9.2  | 10.5 | 7.5            | 8.3  | 8.5  | 9.2  | 10.5 |
| 4H              | 2H   | 0.9              | 1.8  | 1.8  | 2.7  | 3.9  | 0.9            | 1.8  | 1.8  | 2.7  | 3.9  |
|                 | 3H   | 4.1              | 4.9  | 5.0  | 5.8  | 7.1  | 4.1            | 4.9  | 5.0  | 5.8  | 7.1  |
|                 | 4H   | 5.7              | 6.5  | 6.7  | 7.4  | 8.7  | 5.7            | 6.5  | 6.7  | 7.4  | 8.7  |
|                 | 6H   | 7.4              | 8.0  | 8.3  | 9.0  | 10.3 | 7.4            | 8.0  | 8.3  | 9.0  | 10.3 |
|                 | 8H   | 8.2              | 8.8  | 9.1  | 9.8  | 11.0 | 8.2            | 8.8  | 9.1  | 9.8  | 11.0 |
|                 | 12H  | 9.0              | 9.6  | 10.0 | 10.6 | 11.8 | 9.0            | 9.6  | 10.0 | 10.6 | 11.8 |
| 8H              | 4H   | 6.3              | 6.9  | 7.2  | 7.9  | 9.1  | 6.3            | 6.9  | 7.2  | 7.9  | 9.1  |
|                 | 6H   | 8.1              | 8.7  | 9.1  | 9.7  | 10.9 | 8.1            | 8.7  | 9.1  | 9.7  | 10.9 |
|                 | 8H   | 9.1              | 9.6  | 10.1 | 10.6 | 11.8 | 9.1            | 9.6  | 10.1 | 10.6 | 11.8 |
|                 | 12H  | 10.1             | 10.5 | 11.0 | 11.5 | 12.8 | 10.1           | 10.5 | 11.0 | 11.5 | 12.8 |
| 12H             | 4H   | 6.4              | 7.0  | 7.4  | 7.9  | 9.2  | 6.4            | 7.0  | 7.4  | 7.9  | 9.2  |
|                 | 6H   | 8.3              | 8.8  | 9.3  | 9.8  | 11.1 | 8.3            | 8.8  | 9.3  | 9.8  | 11.1 |
|                 | 8H   | 9.4              | 9.8  | 10.3 | 10.8 | 12.1 | 9.4            | 9.8  | 10.3 | 10.8 | 12.1 |

(END OF REPORT)