

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: IRiS

Report Number: P1252754

Luminaire Tested: P3AS20R409030D010 E3DLP1H

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1252754  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R409030D010 E3DLP1H  
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DLP1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

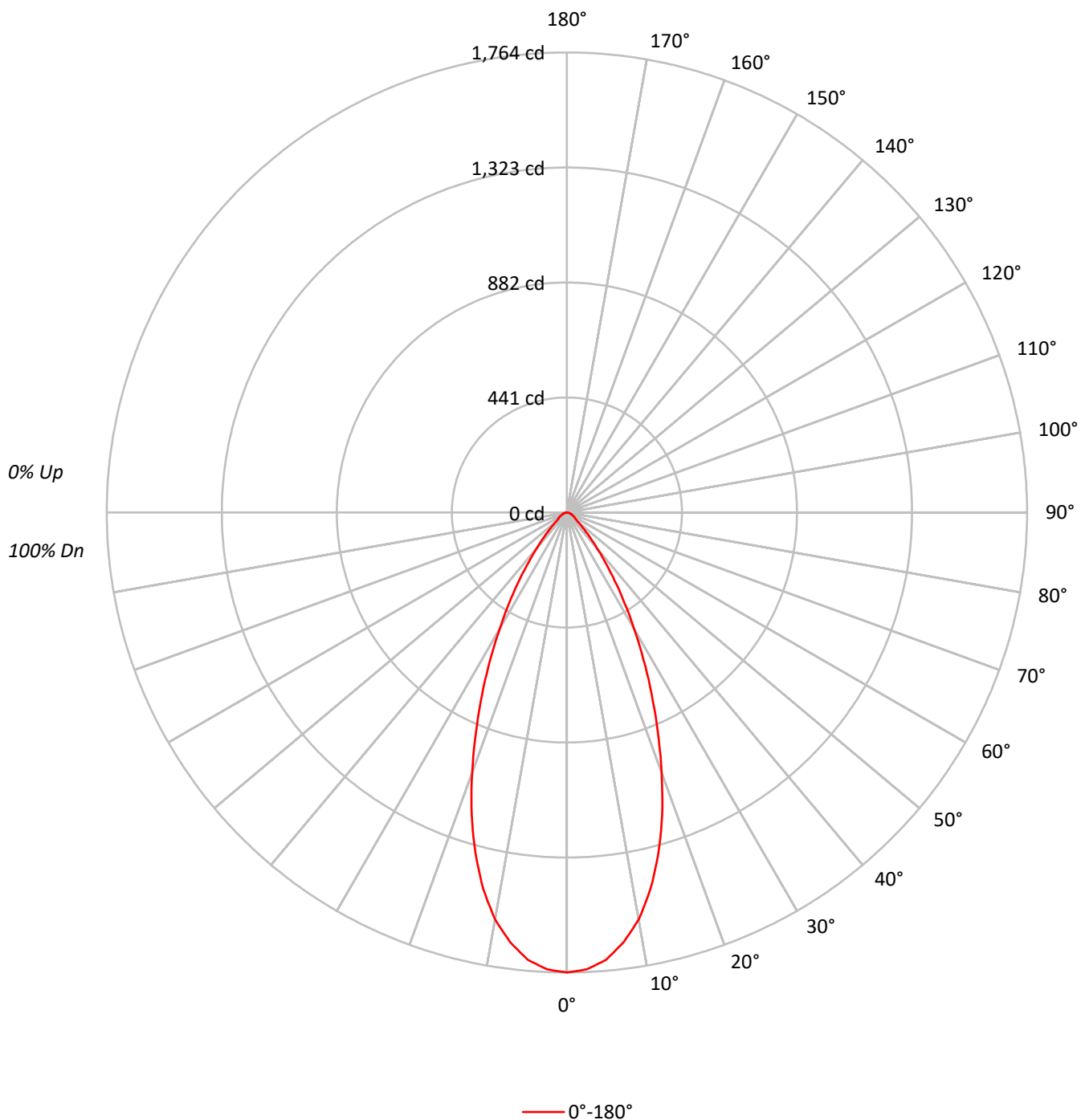
Lumens per Lamp: N/A  
Luminaire Lumens: 1242.0 lumens  
Efficiency: N/A  
Efficacy: 43.1 lumens/watt  
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 28.8  
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: 24 FT

TEST NUMBER: P1252754

CATALOG NUMBER: P3AS20R409030D010 E3DLP1H

### Luminous Intensity Polar Plot



TEST NUMBER: P1252754

CATALOG NUMBER: P3AS20R409030D010 E3DLP1H

**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  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 |
| 1   | 113 | 110 | 108 | 105 | 111 | 108 | 106 | 104 | 104 | 102 | 100 |  | 100 | 99  | 97  |  | 97  |
| 2   | 107 | 102 | 98  | 95  | 105 | 101 | 97  | 93  | 97  | 94  | 91  |  | 94  | 92  | 89  |  | 92  |
| 3   | 102 | 95  | 90  | 86  | 100 | 94  | 89  | 85  | 91  | 87  | 84  |  | 89  | 85  | 83  |  | 86  |
| 4   | 97  | 89  | 83  | 79  | 95  | 88  | 83  | 79  | 86  | 81  | 78  |  | 84  | 80  | 77  |  | 82  |
| 5   | 92  | 83  | 77  | 73  | 90  | 82  | 77  | 73  | 81  | 76  | 72  |  | 79  | 75  | 71  |  | 77  |
| 6   | 87  | 78  | 72  | 68  | 86  | 78  | 72  | 68  | 76  | 71  | 67  |  | 75  | 70  | 67  |  | 73  |
| 7   | 83  | 74  | 68  | 64  | 82  | 73  | 68  | 63  | 72  | 67  | 63  |  | 71  | 66  | 63  |  | 70  |
| 8   | 79  | 70  | 64  | 60  | 78  | 69  | 64  | 60  | 68  | 63  | 59  |  | 67  | 63  | 59  |  | 66  |
| 9   | 76  | 66  | 60  | 56  | 75  | 66  | 60  | 56  | 65  | 60  | 56  |  | 64  | 59  | 56  |  | 63  |
| 10  | 72  | 63  | 57  | 53  | 71  | 62  | 57  | 53  | 62  | 57  | 53  |  | 61  | 56  | 53  |  | 60  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 386723 |
| 5°  | 378912 |
| 10° | 352788 |
| 15° | 307471 |
| 20° | 247798 |
| 25° | 185745 |
| 30° | 130577 |
| 35° | 85554  |
| 40° | 51783  |
| 45° | 30949  |
| 50° | 18456  |
| 55° | 14872  |
| 60° | 13332  |
| 65° | 11415  |
| 70° | 10835  |
| 75° | 8557   |
| 80° | 8587   |
| 85° | 8554   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30949 cd/sqm

TEST NUMBER: P1252754

CATALOG NUMBER: P3AS20R409030D010 E3DLP1H

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 159.9  | 12.9      |
| 10°-20°   | 373.1  | 30.0      |
| 20°-30°   | 351.5  | 28.3      |
| 30°-40°   | 203.3  | 16.4      |
| 40°-50°   | 81.0   | 6.5       |
| 50°-60°   | 35.9   | 2.9       |
| 60°-70°   | 22.2   | 1.8       |
| 70°-80°   | 11.6   | 0.9       |
| 80°-90°   | 3.7    | 0.3       |
| 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       |
| <hr/>     |        |           |
| 0°-30°    | 884.5  | 71.2      |
| 0°-40°    | 1087.7 | 87.6      |
| 0°-60°    | 1204.6 | 97.0      |
| 0°-90°    | 1242.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1242.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1764 |      |
| 5°  | 1721 | 160  |
| 15° | 1354 | 373  |
| 25° | 768  | 352  |
| 35° | 320  | 203  |
| 45° | 100  | 81   |
| 55° | 39   | 36   |
| 65° | 22   | 22   |
| 75° | 10   | 12   |
| 85° | 3    | 4    |
| 90° | 0    |      |

TEST NUMBER: P1252754

CATALOG NUMBER: P3AS20R409030D010 E3DLP1H

**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1763.6 |
| 2.5°  | 1753.5 |
| 5°    | 1721.4 |
| 7.5°  | 1662.2 |
| 10°   | 1584.4 |
| 12.5° | 1479.6 |
| 15°   | 1354.4 |
| 17.5° | 1214.1 |
| 20°   | 1061.9 |
| 22.5° | 909.7  |
| 25°   | 767.7  |
| 27.5° | 635.8  |
| 30°   | 515.7  |
| 32.5° | 410.9  |
| 35°   | 319.6  |
| 37.5° | 241.8  |
| 40°   | 180.9  |
| 42.5° | 135.3  |
| 45°   | 99.8   |
| 47.5° | 72.7   |
| 50°   | 54.1   |
| 52.5° | 44.0   |
| 55°   | 38.9   |
| 57.5° | 35.5   |
| 60°   | 30.4   |
| 62.5° | 25.4   |
| 65°   | 22.0   |
| 67.5° | 18.6   |
| 70°   | 16.9   |
| 72.5° | 13.5   |
| 75°   | 10.1   |
| 77.5° | 8.5    |
| 80°   | 6.8    |
| 82.5° | 5.1    |
| 85°   | 3.4    |
| 87.5° | 1.7    |
| 90°   | 0.0    |

(END OF REPORT)