

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: P1281353

Luminaire Tested: P3AS05R30B2750DE010 E3DLD1GPH\_3000K

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1281353  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R30B2750DE010 E3DLD1GPH\_3000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

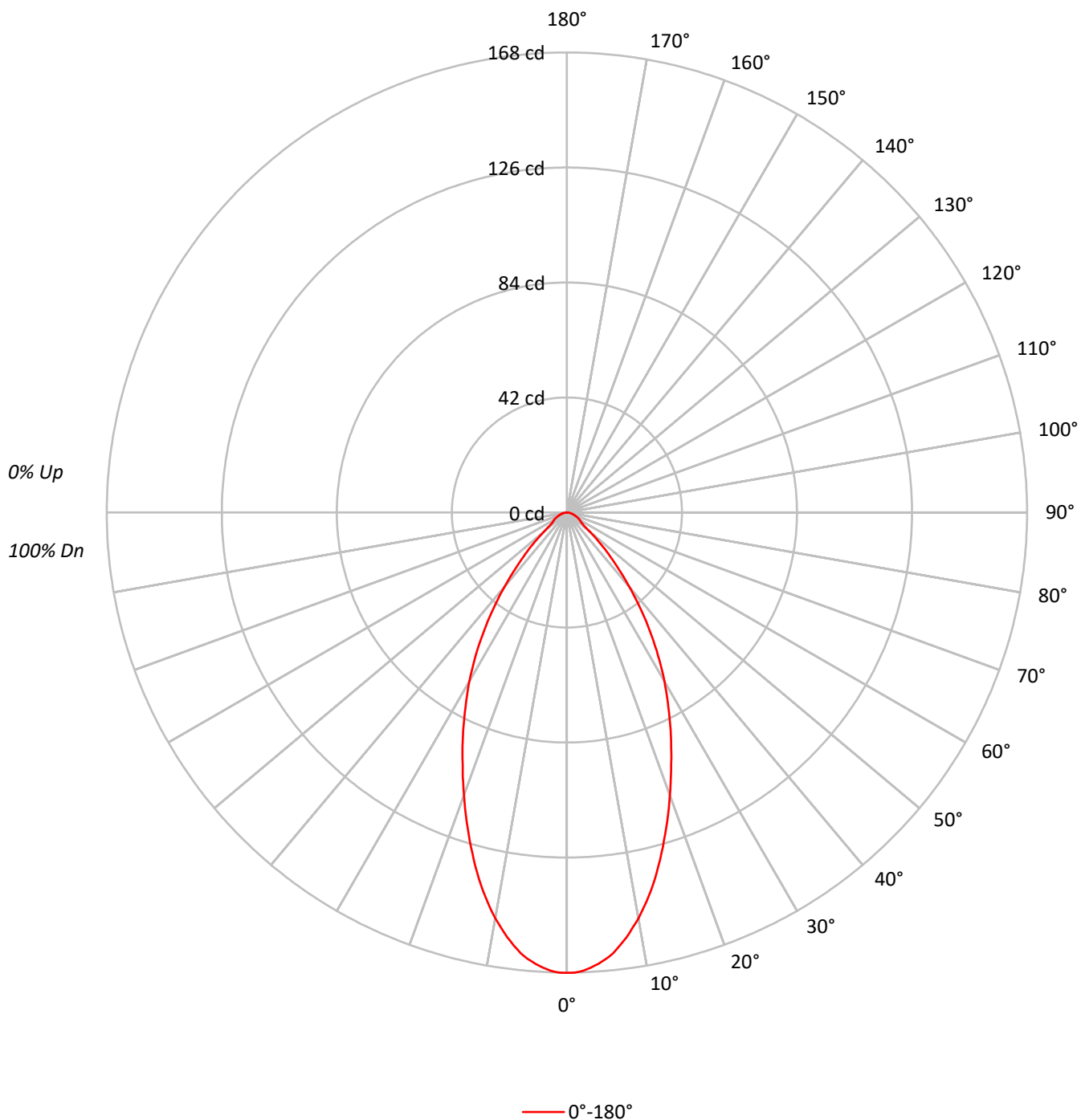
Lumens per Lamp: N/A  
Luminaire Lumens: 156.0 lumens  
Efficiency: N/A  
Efficacy: 26.4 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 5.9  
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: P1281353

CATALOG NUMBER: P3AS05R30B2750DE010 E3DLD1GPH\_3000K

### Luminous Intensity Polar Plot



TEST NUMBER: P1281353

CATALOG NUMBER: P3AS05R30B2750DE010 E3DLD1GPH\_3000K

**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   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |
| 1   | 112 | 109 | 106 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99  | 99  | 98  | 96  | 96  | 94  | 93  | 91  |    |    |
| 2   | 106 | 100 | 96  | 92  | 104 | 99  | 94  | 91  | 95  | 92  | 89  | 92  | 89  | 87  | 89  | 87  | 85  | 83  |    |    |
| 3   | 100 | 92  | 87  | 82  | 98  | 91  | 86  | 82  | 88  | 84  | 80  | 86  | 82  | 79  | 84  | 80  | 78  | 76  |    |    |
| 4   | 94  | 85  | 79  | 74  | 92  | 84  | 79  | 74  | 82  | 77  | 73  | 80  | 76  | 72  | 78  | 74  | 71  | 70  |    |    |
| 5   | 89  | 79  | 73  | 68  | 87  | 78  | 72  | 68  | 76  | 71  | 67  | 75  | 70  | 66  | 73  | 69  | 66  | 64  |    |    |
| 6   | 84  | 74  | 67  | 62  | 82  | 73  | 67  | 62  | 71  | 66  | 62  | 70  | 65  | 61  | 69  | 64  | 61  | 59  |    |    |
| 7   | 79  | 69  | 62  | 58  | 78  | 68  | 62  | 58  | 67  | 61  | 57  | 66  | 61  | 57  | 65  | 60  | 57  | 55  |    |    |
| 8   | 75  | 65  | 58  | 54  | 74  | 64  | 58  | 53  | 63  | 57  | 53  | 62  | 57  | 53  | 61  | 56  | 53  | 51  |    |    |
| 9   | 71  | 61  | 54  | 50  | 70  | 60  | 54  | 50  | 59  | 54  | 50  | 58  | 53  | 50  | 57  | 53  | 49  | 48  |    |    |
| 10  | 68  | 57  | 51  | 47  | 67  | 57  | 51  | 47  | 56  | 50  | 47  | 55  | 50  | 46  | 54  | 50  | 46  | 45  |    |    |

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

|     |       |
|-----|-------|
|     | 0°    |
| 0°  | 36861 |
| 5°  | 36033 |
| 10° | 33511 |
| 15° | 29807 |
| 20° | 25646 |
| 25° | 21727 |
| 30° | 18028 |
| 35° | 14134 |
| 40° | 10133 |
| 45° | 6636  |
| 50° | 3787  |
| 55° | 2485  |
| 60° | 2368  |
| 65° | 2179  |
| 70° | 1988  |
| 75° | 1779  |
| 80° | 1642  |
| 85° | 1510  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 6636 cd/sqm

TEST NUMBER: P1281353

CATALOG NUMBER: P3AS05R30B2750DE010 E3DLD1GPH\_3000K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 15.2   | 9.7       |
| 10°-20°   | 36.5   | 23.4      |
| 20°-30°   | 41.1   | 26.4      |
| 30°-40°   | 32.8   | 21.1      |
| 40°-50°   | 16.9   | 10.8      |
| 50°-60°   | 6.3    | 4.1       |
| 60°-70°   | 4.2    | 2.7       |
| 70°-80°   | 2.2    | 1.4       |
| 80°-90°   | 0.7    | 0.4       |
| 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       |
| 0°-30°    | 92.8   | 59.5      |
| 0°-40°    | 125.7  | 80.6      |
| 0°-60°    | 148.9  | 95.5      |
| 0°-90°    | 156.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 156.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 168 |      |
| 5°  | 164 | 15   |
| 15° | 131 | 37   |
| 25° | 90  | 41   |
| 35° | 53  | 33   |
| 45° | 21  | 17   |
| 55° | 6   | 6    |
| 65° | 4   | 4    |
| 75° | 2   | 2    |
| 85° | 1   | 1    |
| 90° | 0   |      |

TEST NUMBER: P1281353

CATALOG NUMBER: P3AS05R30B2750DE010 E3DLD1GPH\_3000K

**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 168.1 |
| 1°    | 168.1 |
| 2°    | 167.5 |
| 3°    | 166.5 |
| 4°    | 165.2 |
| 5°    | 163.7 |
| 6°    | 161.8 |
| 7°    | 159.3 |
| 8°    | 156.6 |
| 9°    | 153.5 |
| 10°   | 150.5 |
| 11°   | 147.0 |
| 12°   | 143.4 |
| 13°   | 139.6 |
| 14°   | 135.5 |
| 15°   | 131.3 |
| 17.5° | 120.6 |
| 20°   | 109.9 |
| 22.5° | 99.5  |
| 25°   | 89.8  |
| 27.5° | 80.2  |
| 30°   | 71.2  |
| 32.5° | 62.0  |
| 35°   | 52.8  |
| 37.5° | 43.8  |
| 40°   | 35.4  |
| 42.5° | 27.9  |
| 45°   | 21.4  |
| 47.5° | 15.9  |
| 50°   | 11.1  |
| 52.5° | 7.8   |
| 55°   | 6.5   |
| 57.5° | 5.9   |
| 60°   | 5.4   |
| 62.5° | 4.8   |
| 65°   | 4.2   |
| 67.5° | 3.6   |
| 70°   | 3.1   |
| 72.5° | 2.5   |
| 75°   | 2.1   |
| 77.5° | 1.7   |
| 80°   | 1.3   |
| 82.5° | 1.0   |
| 85°   | 0.6   |
| 87.5° | 0.2   |



TEST NUMBER: P1281353

CATALOG NUMBER: P3AS05R30B2750DE010 E3DLD1GPH\_3000K

CANDELA DISTRIBUTION (continued):



(END OF REPORT)