

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: P1291850

Luminaire Tested: P3AS09R15W2N902765DE010 E3PH1MW\_5000K

Issue Date: 1/29/2026

**Test Information**

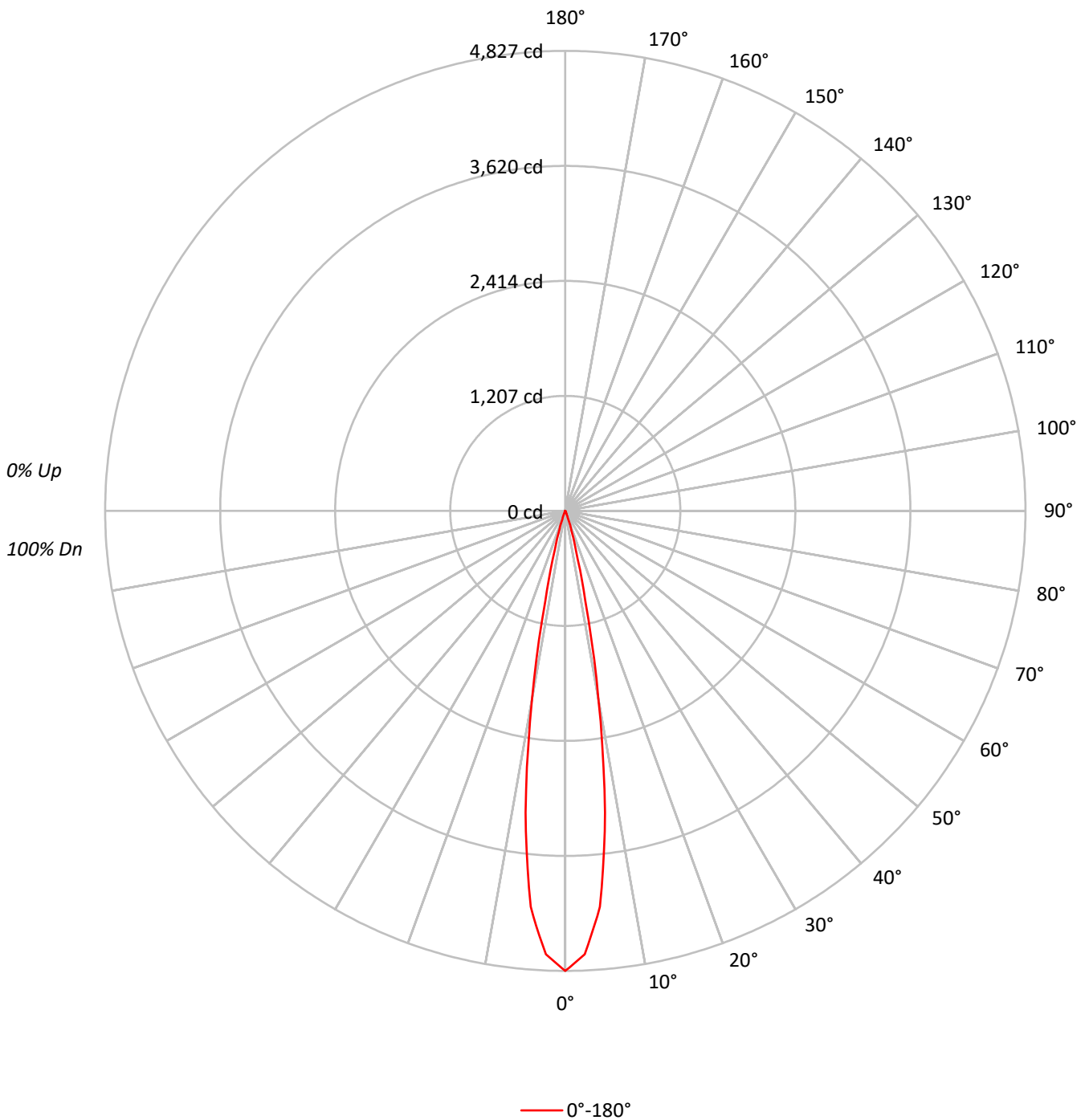
Test Method: LM-79-2019  
Report Number: P1291850  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R15W2N902765DE010 E3PH1MW\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,  
E3PH1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 502.0 lumens  
Efficiency: N/A  
Efficacy: 55.8 lumens/watt  
Spacing Criteria (0/90/45): 0.31 / 0.31 / 0.29  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 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

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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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	116	114	113	111	114	112	111	110	108	107	106	105	104	103	101	101	100	99	99	99	99
2	113	110	108	106	111	109	107	105	106	104	103	103	102	100	100	99	98	98	98	98	97
3	111	107	104	102	109	106	103	101	104	101	100	101	100	98	99	98	97	97	97	97	96
4	109	104	101	99	107	103	101	99	102	99	98	100	98	97	98	97	95	95	95	95	94
5	107	102	99	97	105	101	99	96	100	98	96	99	96	95	97	96	94	94	94	94	93
6	105	100	97	95	104	100	97	95	98	96	94	97	95	93	96	94	93	93	93	93	92
7	103	98	95	93	102	98	95	93	97	94	93	96	94	92	95	93	92	92	92	92	91
8	101	97	94	92	101	96	94	92	96	93	91	95	93	91	94	92	91	91	91	91	90
9	100	95	92	90	99	95	92	90	94	92	90	94	91	90	93	91	90	90	90	90	89
10	99	94	91	89	98	94	91	89	93	91	89	93	90	89	92	90	89	89	89	89	88

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

	0°
0°	1058446
5°	917695
10°	446195
15°	95188
20°	19998
25°	5952
30°	1291
35°	214
40°	0
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

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



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	325.7	64.9
10°-20°	161.9	32.3
20°-30°	13.5	2.7
30°-40°	0.9	0.2
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°	0.0	0.0
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°	501.1	99.8
0°-40°	502.0	100.0
0°-60°	502.0	100.0
0°-90°	502.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	502.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	4827	
5°	4169	326
15°	419	162
25°	25	13
35°	1	1
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	4826.9
2.5°	4658.0
5°	4169.1
7.5°	3192.2
10°	2003.9
12.5°	964.2
15°	419.3
17.5°	213.9
20°	85.7
22.5°	42.4
25°	24.6
27.5°	12.7
30°	5.1
32.5°	1.7
35°	0.8
37.5°	0.8
40°	0.0
42.5°	0.0
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)