

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: P1299122

Luminaire Tested: P3AS17R15W2N902750DE010 E3CD1MMS\_2700K

Issue Date: 1/30/2026

**Test Information**

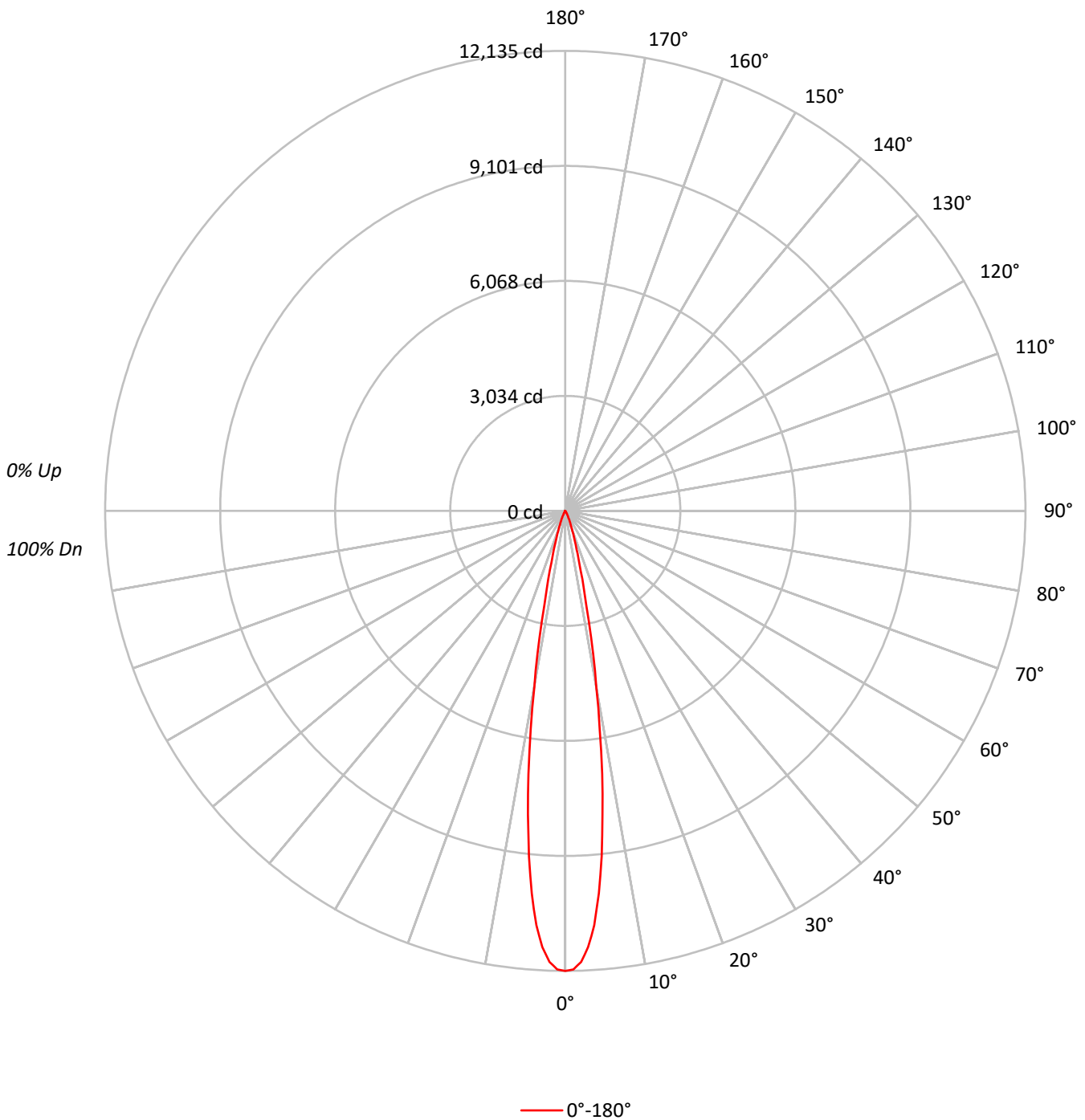
Test Method: LM-79-2019  
Report Number: P1299122  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R15W2N902750DE010 E3CD1MMS\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3CD1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1369.1 lumens  
Efficiency: N/A  
Efficacy: 70.6 lumens/watt  
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 19.4  
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: P1299122  
CATALOG NUMBER: P3AS17R15W2N902750DE010 E3CD1MMS\_2700K

### Luminous Intensity Polar Plot





TEST NUMBER: P1299122  
 CATALOG NUMBER: P3AS17R15W2N902750DE010 E3CD1MMS\_2700K

**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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	116	114	112	111	113	112	110	109	108	107	106	104	103	103	101	100	100	98		
2	113	110	107	105	111	108	106	104	105	103	101	102	101	99	99	98	97	96		
3	110	106	103	100	108	105	102	100	102	100	98	100	98	97	98	97	95	94		
4	107	103	100	97	106	102	99	97	100	97	95	98	96	94	97	95	93	92		
5	105	100	97	94	104	99	96	94	98	95	93	96	94	92	95	93	92	91		
6	103	98	94	92	102	97	94	92	96	93	91	95	92	91	94	92	90	89		
7	101	96	92	90	100	95	92	90	94	91	89	93	91	89	92	90	89	88		
8	99	94	90	88	98	93	90	88	92	90	88	92	89	87	91	89	87	86		
9	97	92	89	87	97	92	89	86	91	88	86	90	88	86	90	87	86	85		
10	96	90	87	85	95	90	87	85	89	87	85	89	86	85	88	86	85	84		

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

	0°
0°	2661015
5°	2230195
10°	1050504
15°	316710
20°	117190
25°	45559
30°	16990
35°	5220
40°	1861
45°	992
50°	751
55°	841
60°	965
65°	571
70°	705
75°	932
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 992 cd/sqm



TEST NUMBER: P1299122

CATALOG NUMBER: P3AS17R15W2N902750DE010 E3CD1MMS\_2700K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	783.3	57.2
10°-20°	465.6	34.0
20°-30°	97.8	7.1
30°-40°	15.8	1.2
40°-50°	2.7	0.2
50°-60°	2.0	0.1
60°-70°	1.2	0.1
70°-80°	0.7	0.1
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°	1346.7	98.4
0°-40°	1362.5	99.5
0°-60°	1367.1	99.9
0°-90°	1369.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1369.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	12135	
5°	10132	783
15°	1395	466
25°	188	98
35°	20	16
45°	3	3
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1299122  
CATALOG NUMBER: P3AS17R15W2N902750DE010 E3CD1MMS\_2700K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	12135.2
1°	12097.3
2°	11904.6
3°	11519.3
4°	10954.3
5°	10131.8
6°	9165.2
7°	8060.2
8°	7004.9
9°	5810.0
10°	4717.9
12.5°	2545.7
15°	1395.1
17.5°	817.2
20°	502.2
22.5°	307.4
25°	188.3
27.5°	113.6
30°	67.1
32.5°	37.9
35°	19.5
37.5°	10.8
40°	6.5
42.5°	4.3
45°	3.2
47.5°	2.2
50°	2.2
52.5°	2.2
55°	2.2
57.5°	2.2
60°	2.2
62.5°	1.1
65°	1.1
67.5°	1.1
70°	1.1
72.5°	1.1
75°	1.1
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)