

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: P1287777

Luminaire Tested: P3AS05R15W2N902750DE010 E3DL1H\_2700K

Issue Date: 1/30/2026

**Test Information**

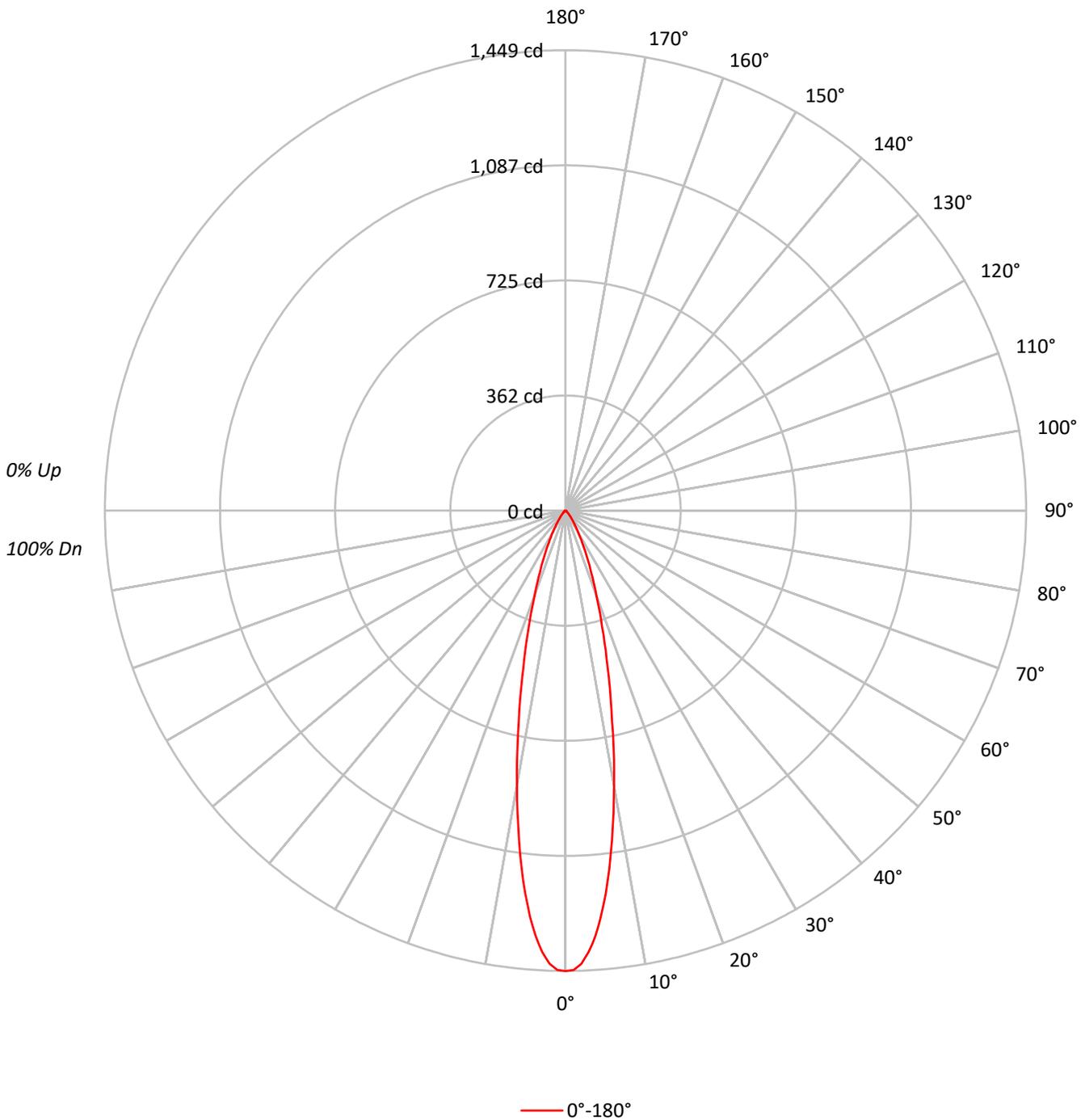
Test Method: LM-79-2019  
Report Number: P1287777  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R15W2N902750DE010 E3DL1H\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,  
E3DL1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 372.0 lumens  
Efficiency: N/A  
Efficacy: 63.1 lumens/watt  
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43  
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

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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	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	98	98	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	96	94	93	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	92	90	88	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	89	87	85	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	86	83	81	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	83	80	78	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	81	78	75	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	78	75	73	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	76	73	70	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	74	70	68	67

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

	0°
0°	317782
5°	282082
10°	195899
15°	115846
20°	65969
25°	37720
30°	20864
35°	11136
40°	6154
45°	3349
50°	2081
55°	1644
60°	1403
65°	1297
70°	1154
75°	1186
80°	884
85°	1006

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 3349 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	109.0	29.3
10°-20°	143.8	38.7
20°-30°	74.1	19.9
30°-40°	27.8	7.5
40°-50°	9.1	2.4
50°-60°	3.9	1.1
60°-70°	2.5	0.7
70°-80°	1.5	0.4
80°-90°	0.4	0.1
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°	326.8	87.9
0°-40°	354.6	95.3
0°-60°	367.7	98.8
0°-90°	372.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	372.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1449	
5°	1282	109
15°	510	144
25°	156	74
35°	42	28
45°	11	9
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1449.2
1°	1446.4
2°	1427.4
3°	1391.2
4°	1343.5
5°	1281.5
6°	1211.3
7°	1134.2
8°	1048.6
9°	964.0
10°	879.8
12.5°	676.9
15°	510.3
17.5°	382.0
20°	282.7
22.5°	211.1
25°	155.9
27.5°	113.6
30°	82.4
32.5°	58.4
35°	41.6
37.5°	29.7
40°	21.5
42.5°	15.4
45°	10.8
47.5°	7.9
50°	6.1
52.5°	5.0
55°	4.3
57.5°	3.6
60°	3.2
62.5°	2.9
65°	2.5
67.5°	2.2
70°	1.8
72.5°	1.8
75°	1.4
77.5°	1.1
80°	0.7
82.5°	0.7
85°	0.4
87.5°	0.0
90°	0.0

(END OF REPORT)