

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: P1288553

Luminaire Tested: P3AS05R25W2N902765DE010 E3D1H\_3500K

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1288553  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R25W2N902765DE010 E3D1H\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3D1H TRIM  
Light Source: -  
Ballast/Driver: -

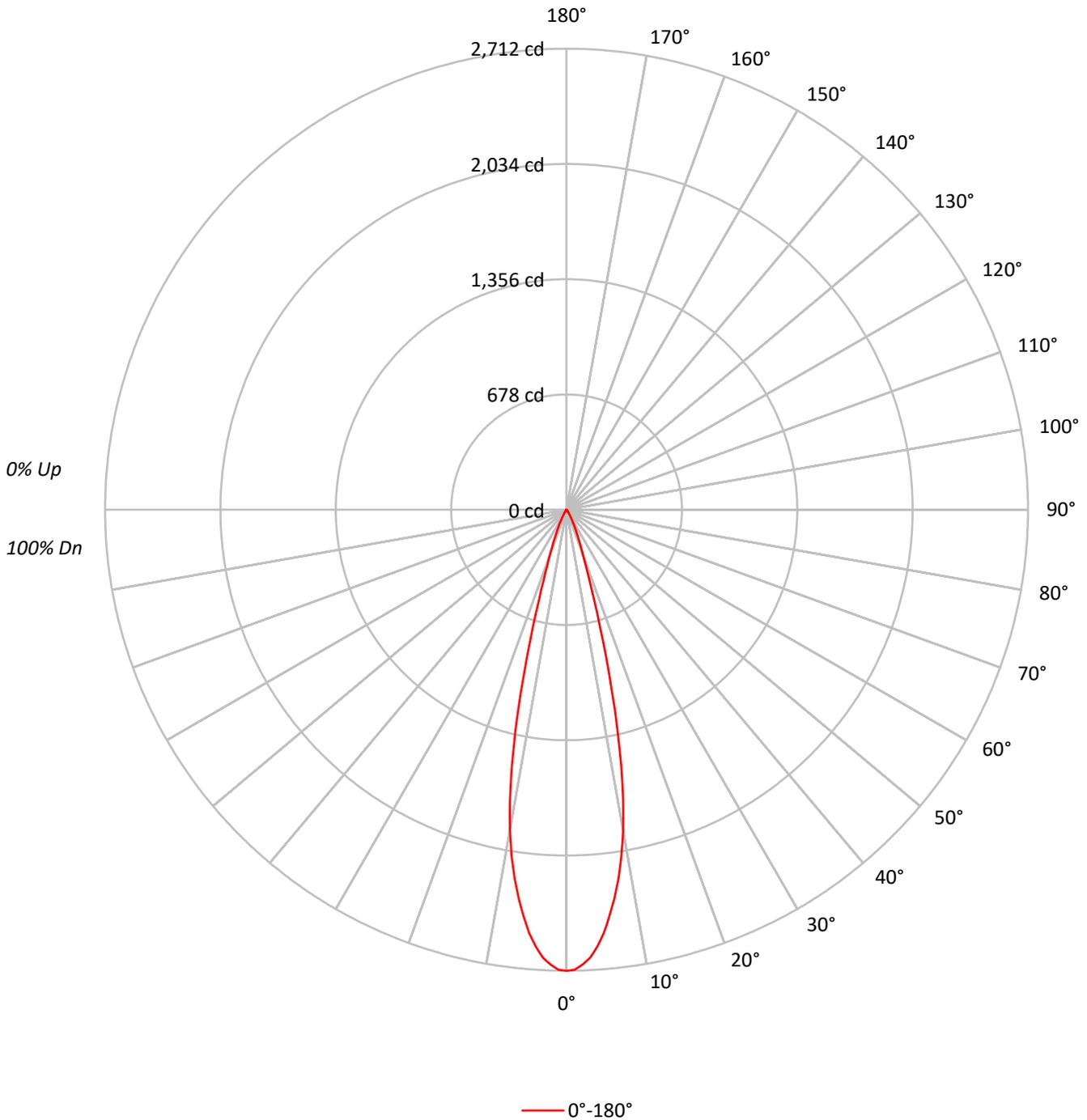
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 543.0 lumens  
Efficiency: N/A  
Efficacy: 92.0 lumens/watt  
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4  
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: P1288553

CATALOG NUMBER: P3AS05R25W2N902765DE010 E3D1H\_3500K

### Luminous Intensity Polar Plot





TEST NUMBER: P1288553

CATALOG NUMBER: P3AS05R25W2N902765DE010 E3D1H\_3500K

**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	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	99	99	97	97	97	97
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	94	94	94
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92	92
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90	89	89	89	89
5	103	97	93	91	101	96	93	90	95	92	90	93	91	89	92	90	88	87	87	87	87
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86	85	85	85	85
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84	83	83	83	83
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81	81	81	81
9	93	87	83	81	92	86	83	80	86	83	80	85	82	80	84	82	80	79	79	79	79
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78	77	77	77	77

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

	0°
0°	594689
5°	550890
10°	426222
15°	203588
20°	67113
25°	28284
30°	10964
35°	4738
40°	1574
45°	744
50°	273
55°	153
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 744 cd/sqm



TEST NUMBER: P1288553

CATALOG NUMBER: P3AS05R25W2N902765DE010 E3D1H\_3500K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	220.0	40.5
10°-20°	250.2	46.1
20°-30°	58.1	10.7
30°-40°	12.2	2.2
40°-50°	2.0	0.4
50°-60°	0.3	0.1
60°-70°	0.2	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°	528.3	97.3
0°-40°	540.5	99.5
0°-60°	542.8	100.0
0°-90°	543.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	543.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2712	
5°	2503	220
15°	897	250
25°	117	58
35°	18	12
45°	2	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1288553

CATALOG NUMBER: P3AS05R25W2N902765DE010 E3D1H\_3500K

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2712.0
1°	2706.5
2°	2678.3
3°	2638.7
4°	2578.3
5°	2502.7
6°	2405.6
7°	2304.1
8°	2190.1
9°	2061.5
10°	1914.2
11°	1743.5
12°	1547.7
13°	1333.1
14°	1108.6
15°	896.8
16°	709.3
17°	552.6
18°	434.7
19°	347.7
20°	287.6
21°	240.4
22°	201.8
23°	168.5
24°	141.0
25°	116.9
27.5°	69.3
30°	43.3
32.5°	27.8
35°	17.7
37.5°	10.6
40°	5.5
42.5°	3.5
45°	2.4
47.5°	1.4
50°	0.8
52.5°	0.4
55°	0.4
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2
67.5°	0.2
70°	0.0
72.5°	0.0



TEST NUMBER: P1288553

CATALOG NUMBER: P3AS05R25W2N902765DE010 E3D1H\_3500K

**CANDELA DISTRIBUTION (continued):**

	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)