

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: P1290047

Luminaire Tested: P3AS05R50W2N902750DE010 E3DLD1GPH\_3000K

Issue Date: 1/30/2026

**Test Information**

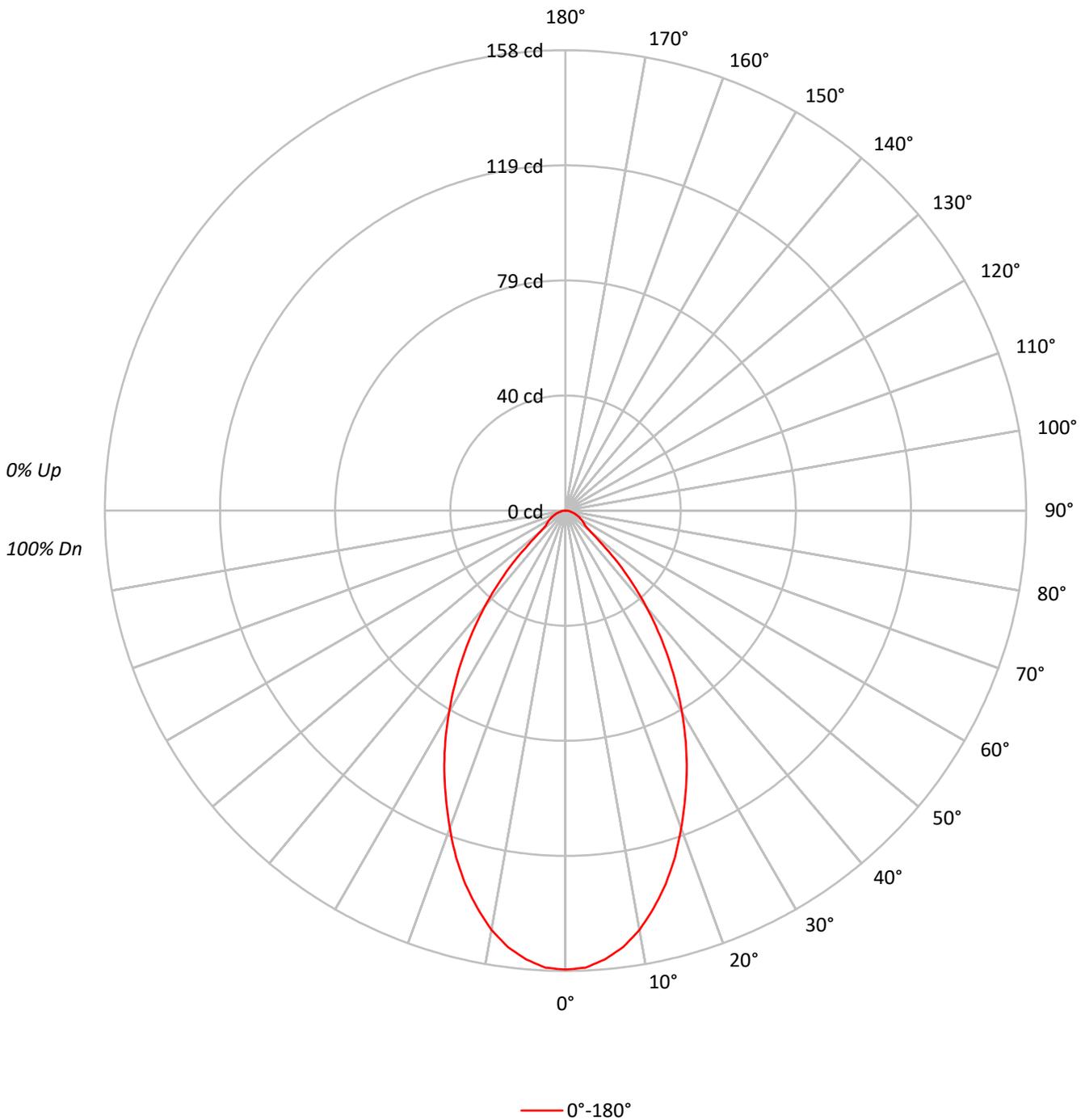
Test Method: LM-79-2019  
Report Number: P1290047  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R50W2N902750DE010 E3DLD1GPH\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 3000K CCT AND, 90CRI ,  
E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 170.0 lumens  
Efficiency: N/A  
Efficacy: 28.8 lumens/watt  
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93  
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: P1290047  
CATALOG NUMBER: P3AS05R50W2N902750DE010 E3DLD1GPH\_3000K

### Luminous Intensity Polar Plot





TEST NUMBER: P1290047  
 CATALOG NUMBER: P3AS05R50W2N902750DE010 E3DLD1GPH\_3000K

**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
1	112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91			91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	83			83
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75			75
4	93	85	78	73	91	83	77	73	81	76	72	79	75	71	77	73	70	69			69
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	64	63			63
6	83	73	66	61	81	72	65	61	70	65	60	69	64	60	67	63	59	58			58
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	59	55	53			53
8	74	63	57	52	73	63	56	52	61	56	52	60	55	51	59	55	51	50			50
9	70	59	53	48	69	59	52	48	58	52	48	57	52	48	56	51	48	46			46
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	45	43			43

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

	0°
0°	34537
5°	34030
10°	32531
15°	30125
20°	27069
25°	23808
30°	20231
35°	16410
40°	12337
45°	7939
50°	3787
55°	2982
60°	2807
65°	2594
70°	2372
75°	2118
80°	2020
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 7939 cd/sqm



TEST NUMBER: P1290047

CATALOG NUMBER: P3AS05R50W2N902750DE010 E3DLD1GPH\_3000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	14.5	8.5
10°-20°	37.0	21.8
20°-30°	45.0	26.4
30°-40°	38.1	22.4
40°-50°	19.8	11.6
50°-60°	7.2	4.2
60°-70°	4.9	2.9
70°-80°	2.7	1.6
80°-90°	0.9	0.5
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°	96.5	56.7
0°-40°	134.6	79.2
0°-60°	161.5	95.0
0°-90°	170.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	170.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	158	
5°	155	14
15°	133	37
25°	98	45
35°	61	38
45°	26	20
55°	8	7
65°	5	5
75°	2	3
85°	1	1
90°	0	



TEST NUMBER: P1290047  
CATALOG NUMBER: P3AS05R50W2N902750DE010 E3DLD1GPH\_3000K

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	157.5
2.5°	157.0
5°	154.6
7.5°	151.1
10°	146.1
12.5°	139.7
15°	132.7
17.5°	124.8
20°	116.0
22.5°	107.1
25°	98.4
27.5°	89.3
30°	79.9
32.5°	70.6
35°	61.3
37.5°	52.2
40°	43.1
42.5°	34.3
45°	25.6
47.5°	17.1
50°	11.1
52.5°	8.5
55°	7.8
57.5°	7.0
60°	6.4
62.5°	5.6
65°	5.0
67.5°	4.3
70°	3.7
72.5°	3.1
75°	2.5
77.5°	1.9
80°	1.6
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)