

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: P1299261

Luminaire Tested: P3AS17R15W2N902750DE010 E3PHLP1MW\_5000K

Issue Date: 1/29/2026

**Test Information**

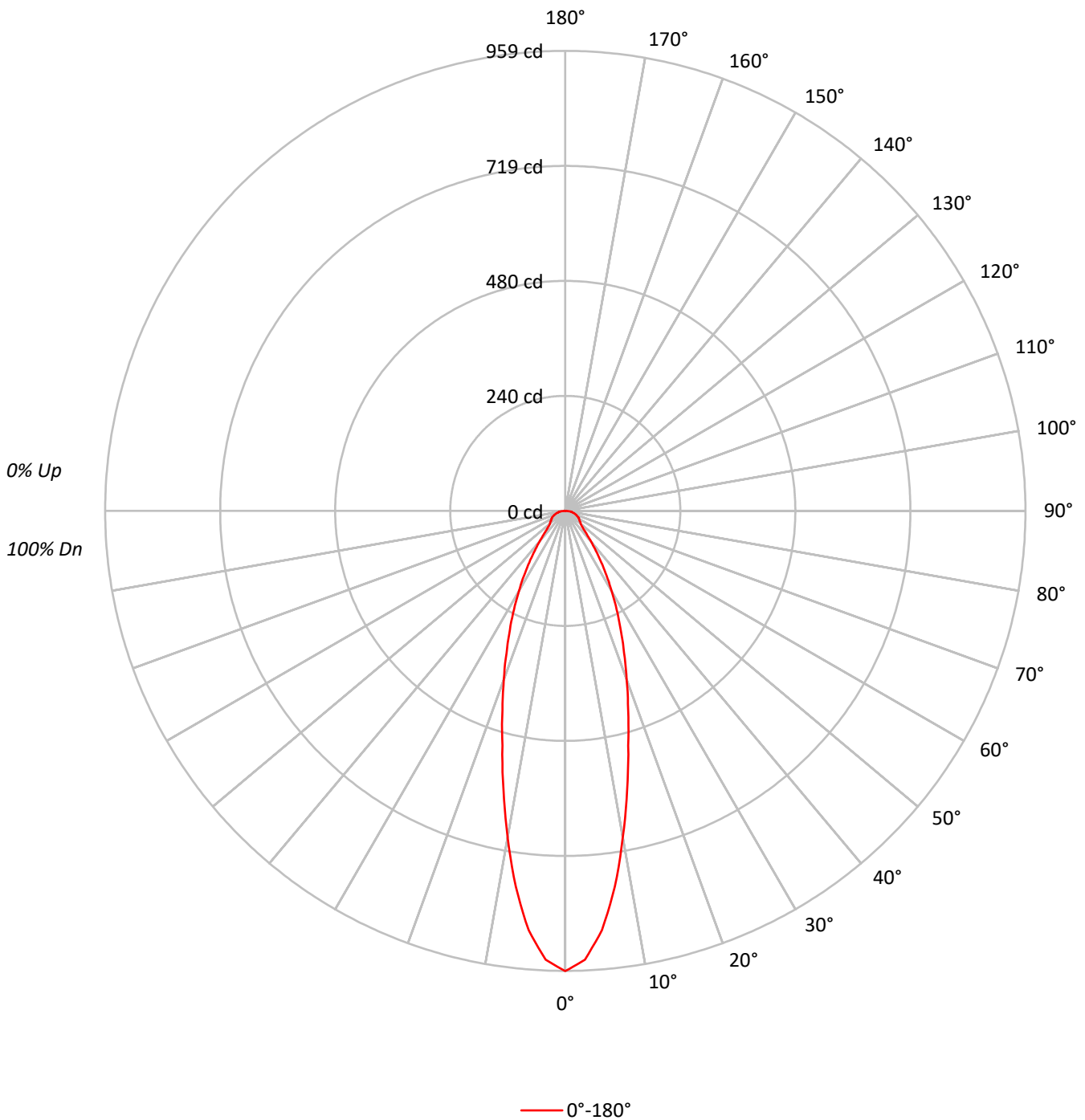
Test Method: LM-79-2019  
Report Number: P1299261  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R15W2N902750DE010 E3PHLP1MW\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,  
E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 562.1 lumens  
Efficiency: N/A  
Efficacy: 29.0 lumens/watt  
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6  
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

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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	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90	90	90	90
2	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	81	81	81	81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74	74	74	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68	68	68	68
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	63	63	63	63
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59	59	59	59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52	52	52	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49	49	49	49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46	46	46	46

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

	0°
0°	210356
5°	193132
10°	153905
15°	115006
20°	87344
25°	66125
30°	48919
35°	34961
40°	23931
45°	16746
50°	14260
55°	13992
60°	14516
65°	15358
70°	15644
75°	16267
80°	17553
85°	17612

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 20496 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	77.7	13.8
10°-20°	142.1	25.3
20°-30°	125.9	22.4
30°-40°	82.5	14.7
40°-50°	44.1	7.8
50°-60°	33.3	5.9
60°-70°	28.7	5.1
70°-80°	19.8	3.5
80°-90°	8.1	1.4
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°	345.7	61.5
0°-40°	428.1	76.2
0°-60°	505.5	89.9
0°-90°	562.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	562.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	959	
5°	877	78
15°	507	142
25°	273	126
35°	131	82
45°	54	44
55°	37	33
65°	30	29
75°	19	20
85°	7	8
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	959.3
2.5°	936.6
5°	877.4
7.5°	790.4
10°	691.2
12.5°	595.4
15°	506.6
17.5°	435.2
20°	374.3
22.5°	320.3
25°	273.3
27.5°	231.5
30°	193.2
32.5°	160.2
35°	130.6
37.5°	104.5
40°	83.6
42.5°	66.2
45°	54.0
47.5°	47.0
50°	41.8
52.5°	40.0
55°	36.6
57.5°	34.8
60°	33.1
62.5°	31.3
65°	29.6
67.5°	26.1
70°	24.4
72.5°	20.9
75°	19.2
77.5°	15.7
80°	13.9
82.5°	12.2
85°	7.0
87.5°	3.5
90°	0.0

(END OF REPORT)