

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: P1295463

Luminaire Tested: P3AS13R15W2N902750DE010 E3PHLP1MW\_3000K

Issue Date: 1/29/2026

**Test Information**

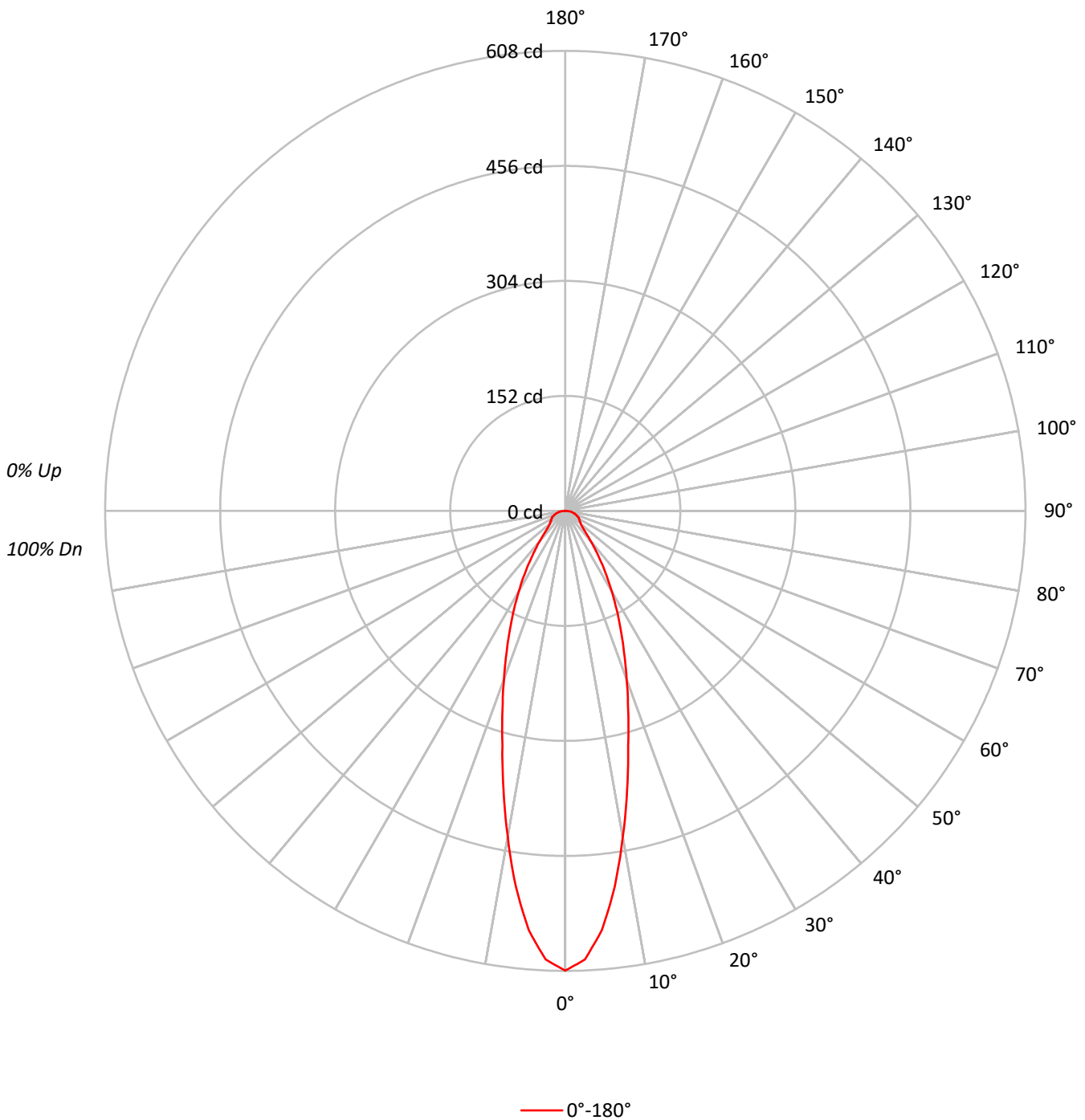
Test Method: LM-79-2019  
Report Number: P1295463  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R15W2N902750DE010 E3PHLP1MW\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,  
E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 356.0 lumens  
Efficiency: N/A  
Efficacy: 28.9 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): 12.3  
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	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	95	93	92	90
2	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	88	85	83	81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	82	79	76	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	77	73	70	68
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	72	68	65	63
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	68	64	60	59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	65	60	57	55
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	61	57	53	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	58	54	50	49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	56	51	48	46

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

	0°
0°	133235
5°	122342
10°	97482
15°	72849
20°	55328
25°	41881
30°	30992
35°	22138
40°	15143
45°	10606
50°	9040
55°	8869
60°	9210
65°	9703
70°	9873
75°	10252
80°	11113
85°	11070

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 12936 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	49.2	13.8
10°-20°	90.0	25.3
20°-30°	79.7	22.4
30°-40°	52.2	14.7
40°-50°	27.9	7.8
50°-60°	21.1	5.9
60°-70°	18.2	5.1
70°-80°	12.5	3.5
80°-90°	5.1	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°	219.0	61.5
0°-40°	271.2	76.2
0°-60°	320.3	90.0
0°-90°	356.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	356.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	608	
5°	556	49
15°	321	90
25°	173	80
35°	83	52
45°	34	28
55°	23	21
65°	19	18
75°	12	12
85°	4	5
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	607.6
2.5°	593.3
5°	555.8
7.5°	500.7
10°	437.8
12.5°	377.2
15°	320.9
17.5°	275.7
20°	237.1
22.5°	202.9
25°	173.1
27.5°	146.7
30°	122.4
32.5°	101.5
35°	82.7
37.5°	66.2
40°	52.9
42.5°	41.9
45°	34.2
47.5°	29.8
50°	26.5
52.5°	25.4
55°	23.2
57.5°	22.1
60°	21.0
62.5°	19.9
65°	18.7
67.5°	16.5
70°	15.4
72.5°	13.2
75°	12.1
77.5°	9.9
80°	8.8
82.5°	7.7
85°	4.4
87.5°	2.2
90°	0.0

(END OF REPORT)