

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: P1286831

Luminaire Tested: P3AS09R359030D2WDE010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

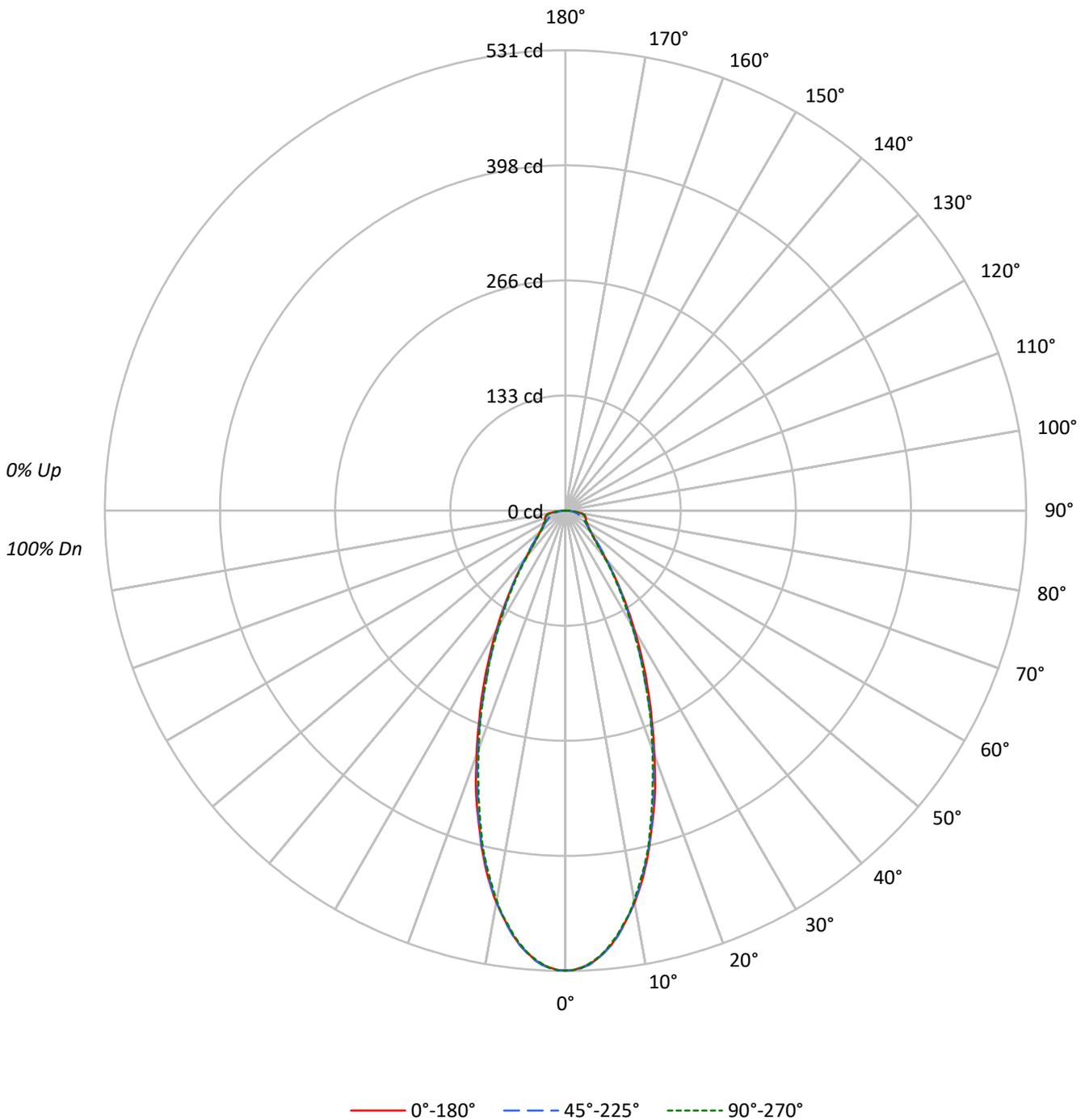
Test Method: LM-79-2019  
Report Number: P1286831  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R359030D2WDE010 E3PHLP1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,  
E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 439.0 lumens  
Efficiency: N/A  
Efficacy: 29.9 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.7  
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	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	91	91	91	89
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	81	81	81	79
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	74	74	74	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	67	67	67	65
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	66	62	62	62	62	60
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	57	57	57	56
7	77	66	60	55	76	66	59	54	64	58	54	63	58	54	62	57	54	54	54	54	52
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	50	50	50	49
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	47	47	47	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	44	44	44	43

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

	0°	45°	90°
0°	116350	116350	116350
5°	112524	112679	112524
10°	102225	102069	101624
15°	86766	86470	85721
20°	69866	68933	68303
25°	54003	52382	52382
30°	40259	38917	38588
35°	28991	28616	27894
40°	20267	20839	19522
45°	15133	15971	14699
50°	12997	12997	12759
55°	12272	11737	12004
60°	12587	11446	12017
65°	13542	11467	13179
70°	15836	11989	15451
75°	19825	12454	19232
80°	25256	13512	22730
85°	20128	13335	20128

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 25256 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	47.1	10.7
10°-20°	105.2	24.0
20°-30°	100.4	22.9
30°-40°	67.5	15.4
40°-50°	39.6	9.0
50°-60°	28.3	6.4
60°-70°	23.6	5.4
70°-80°	19.3	4.4
80°-90°	8.0	1.8
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°	252.7	57.6
0°-40°	320.2	72.9
0°-60°	388.1	88.4
0°-90°	439.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	439.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	531	531	531	531	531	
5°	511	513	512	511	511	47
15°	382	383	381	378	378	106
25°	223	220	216	216	216	102
35°	108	108	107	105	104	68
45°	49	50	52	49	47	39
55°	32	31	31	31	31	29
65°	26	23	22	23	25	26
75°	23	18	15	18	23	24
85°	8	9	5	9	8	9
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	530.6	530.6	530.6	530.6	530.6
1°	529.9	530.6	530.6	529.9	529.9
2°	527.3	528.6	527.9	527.3	527.9
3°	523.9	525.3	524.6	523.9	523.2
4°	518.6	519.9	519.2	517.9	517.9
5°	511.2	512.6	511.9	511.2	511.2
6°	503.9	505.2	503.9	502.5	502.5
7°	493.8	495.8	494.5	493.2	492.5
8°	482.5	484.5	483.2	482.5	481.1
9°	471.1	472.5	470.5	470.5	470.5
10°	459.1	459.8	458.4	456.4	456.4
11°	445.7	445.1	444.4	443.1	441.7
12°	431.0	431.0	429.0	427.7	427.0
13°	415.7	415.0	413.7	412.3	412.3
14°	399.6	399.6	398.3	395.6	396.3
15°	382.2	382.9	380.9	378.2	377.6
17.5°	342.8	341.5	338.1	336.1	334.1
20°	299.4	298.7	295.4	293.4	292.7
22.5°	259.3	258.6	255.3	253.3	254.6
25°	223.2	220.5	216.5	216.5	216.5
27.5°	189.8	186.4	183.8	182.4	183.8
30°	159.0	156.4	153.7	153.0	152.4
32.5°	131.6	130.3	129.0	127.0	127.0
35°	108.3	108.3	106.9	104.9	104.2
37.5°	88.2	88.9	88.2	86.2	85.5
40°	70.8	72.2	72.8	70.8	68.2
42.5°	58.1	60.1	61.5	58.1	56.1
45°	48.8	50.1	51.5	48.8	47.4
47.5°	42.8	43.4	44.1	42.1	41.4
50°	38.1	38.1	38.1	37.4	37.4
52.5°	34.7	34.7	34.1	33.4	33.4
55°	32.1	31.4	30.7	30.7	31.4
57.5°	30.1	29.4	28.1	28.7	29.4
60°	28.7	27.4	26.1	26.7	27.4
62.5°	26.7	25.4	24.1	24.7	26.1
65°	26.1	23.4	22.1	23.4	25.4
67.5°	25.4	22.1	20.0	22.1	24.7
70°	24.7	20.7	18.7	20.7	24.1
72.5°	24.1	19.4	16.7	19.4	23.4
75°	23.4	18.0	14.7	18.0	22.7
77.5°	22.1	16.7	12.7	16.7	20.7
80°	20.0	15.4	10.7	14.7	18.0
82.5°	14.7	12.7	8.7	12.7	13.4
85°	8.0	8.7	5.3	8.7	8.0
87.5°	0.7	1.3	1.3	4.0	2.7



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)