

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: P1265424

Luminaire Tested: P3AS17R309730DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

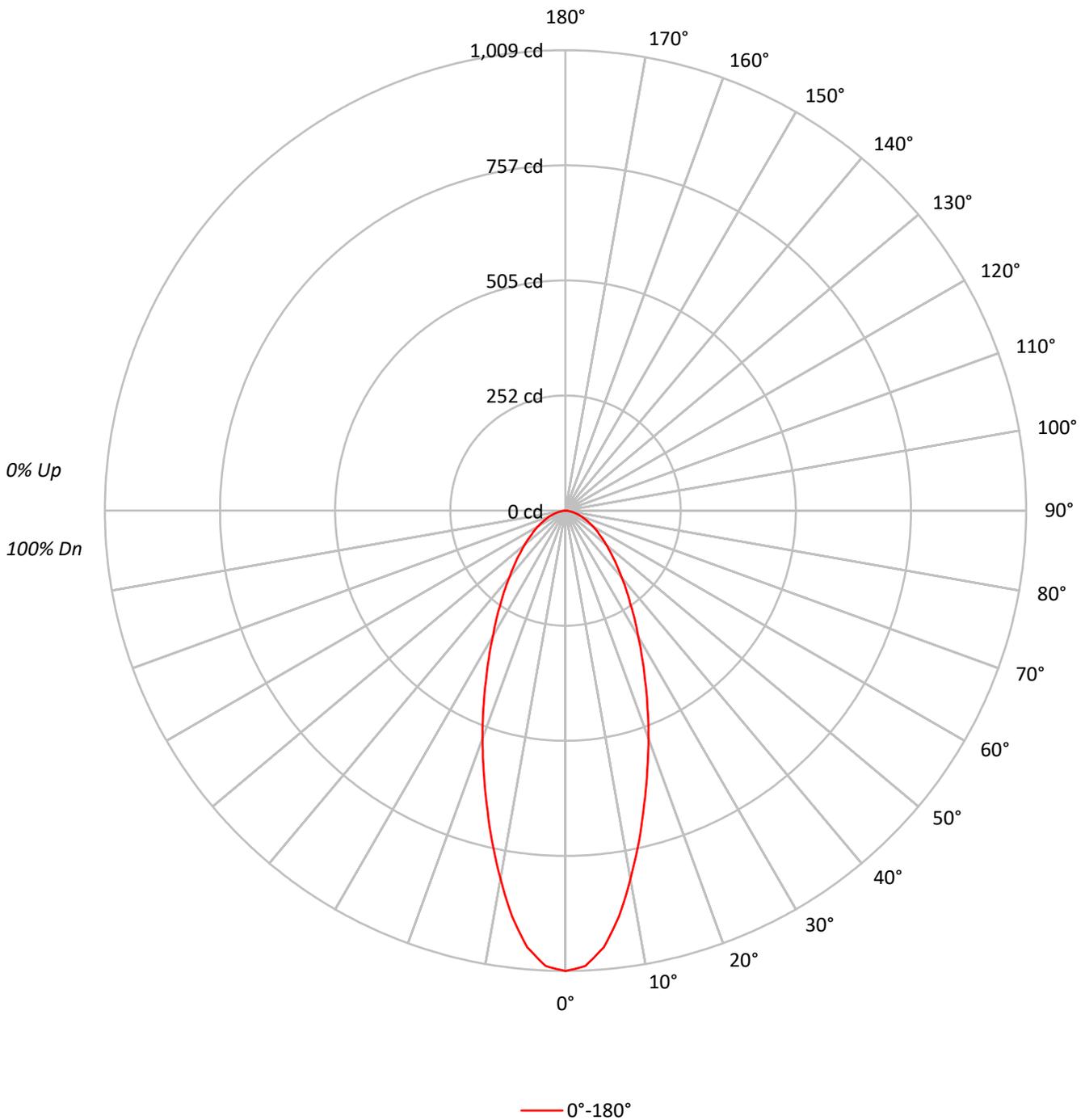
Test Method: LM-79-2019  
Report Number: P1265424  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R309730DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 898.0 lumens  
Efficiency: N/A  
Efficacy: 42.4 lumens/watt  
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 21.2  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	94	93	91	94	93	91	90
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	76	73	80	76	73	71
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	74	70	66	65
5	85	75	68	63	84	74	67	62	72	66	62	70	65	61	69	64	61	69	64	61	59
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	56	64	59	56	54
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	60	55	51	50
8	71	60	53	48	70	60	53	48	58	52	48	57	52	48	56	51	48	56	51	48	46
9	68	57	50	45	66	56	49	45	55	49	45	54	49	45	53	48	44	53	48	44	43
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42	50	45	42	40

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

	0°
0°	221276
5°	211490
10°	182428
15°	151215
20°	123957
25°	99925
30°	80544
35°	65986
40°	54817
45°	46485
50°	39777
55°	34369
60°	30655
65°	26773
70°	23465
75°	19741
80°	14775
85°	8303

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 46485 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	87.1	9.7
10°-20°	185.7	20.7
20°-30°	190.4	21.2
30°-40°	155.6	17.3
40°-50°	116.4	13.0
50°-60°	81.7	9.1
60°-70°	51.4	5.7
70°-80°	24.8	2.8
80°-90°	4.8	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°	463.2	51.6
0°-40°	618.9	68.9
0°-60°	817.0	91.0
0°-90°	898.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	898.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1009	
5°	961	87
15°	666	186
25°	413	190
35°	246	156
45°	150	116
55°	90	82
65°	52	51
75°	23	25
85°	3	5
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1009.1
2.5°	999.1
5°	960.8
7.5°	897.5
10°	819.3
12.5°	742.7
15°	666.1
17.5°	596.1
20°	531.2
22.5°	469.6
25°	413.0
27.5°	363.0
30°	318.1
32.5°	281.4
35°	246.5
37.5°	218.1
40°	191.5
42.5°	169.9
45°	149.9
47.5°	131.6
50°	116.6
52.5°	103.2
55°	89.9
57.5°	79.9
60°	69.9
62.5°	59.9
65°	51.6
67.5°	43.3
70°	36.6
72.5°	30.0
75°	23.3
77.5°	16.7
80°	11.7
82.5°	6.7
85°	3.3
87.5°	1.7
90°	0.0

(END OF REPORT)