

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: P1287493

Luminaire Tested: P3AS17R309030D2WDE010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

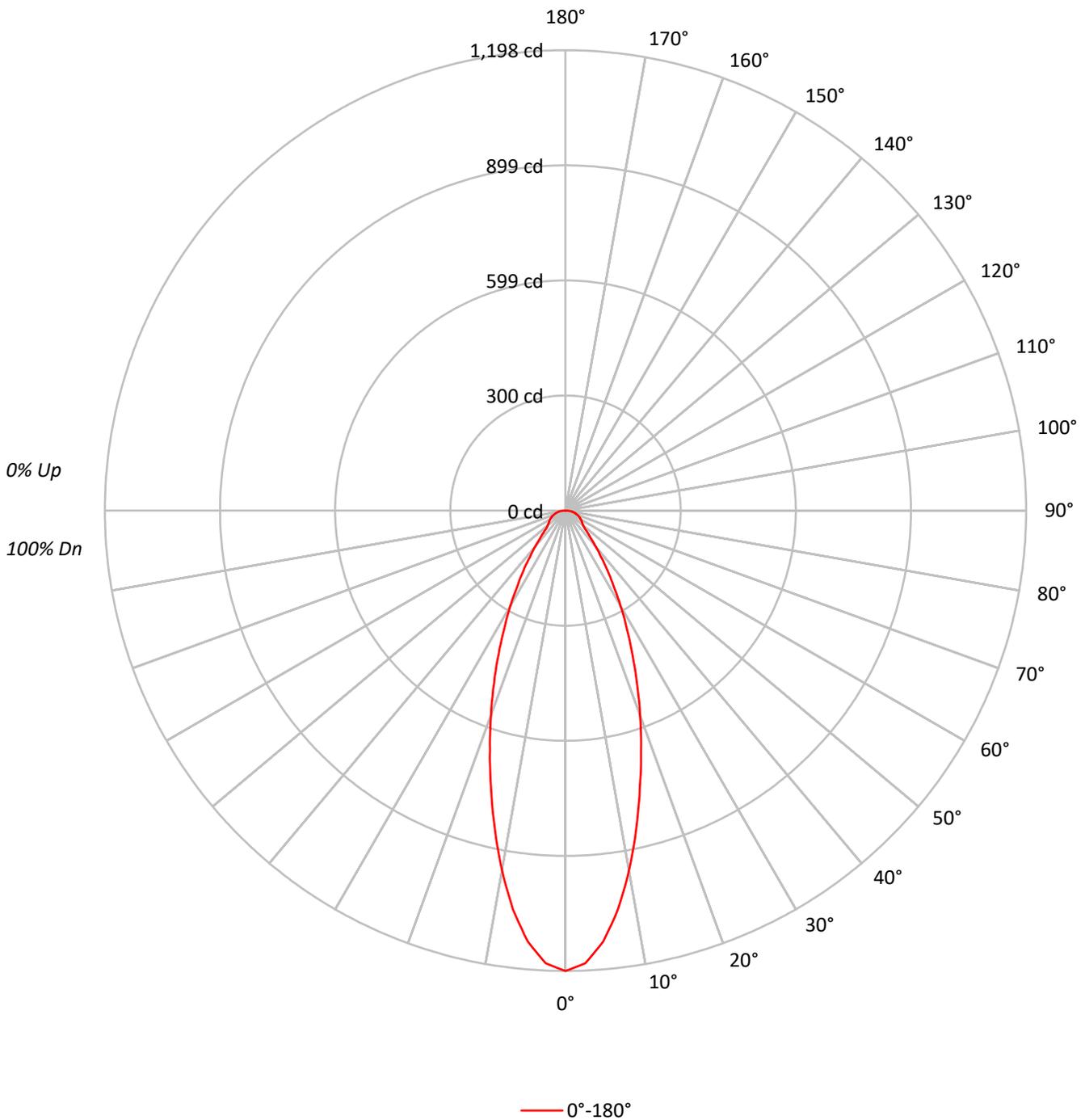
Test Method: LM-79-2019  
Report Number: P1287493  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R309030D2WDE010 E3PHLP1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,  
E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 809.0 lumens  
Efficiency: N/A  
Efficacy: 29.6 lumens/watt  
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 27.3  
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				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	108	105	102	109	106	103	101	102	100	97	98	96	94	95	93	92	90				90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81				81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74				74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68				68
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	65	63				63
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	59				59
7	79	69	62	57	78	68	62	57	67	61	57	66	60	57	64	60	56	55				55
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	51				51
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49				49
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46				46

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

	0°
0°	262676
5°	247677
10°	211708
15°	169672
20°	132265
25°	99441
30°	72543
35°	51129
40°	35066
45°	25119
50°	20537
55°	19842
60°	20042
65°	20443
70°	21286
75°	22875
80°	23614
85°	26166

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 27888 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	101.8	12.6
10°-20°	207.7	25.7
20°-30°	189.2	23.4
30°-40°	120.4	14.9
40°-50°	64.5	8.0
50°-60°	47.2	5.8
60°-70°	39.6	4.9
70°-80°	27.7	3.4
80°-90°	11.0	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°	498.7	61.6
0°-40°	619.1	76.5
0°-60°	730.7	90.3
0°-90°	809.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	809.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1198	
5°	1125	102
15°	747	208
25°	411	189
35°	191	120
45°	81	64
55°	52	47
65°	39	40
75°	27	28
85°	10	11
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1197.9
2.5°	1179.2
5°	1125.2
7.5°	1046.3
10°	950.8
12.5°	849.1
15°	747.4
17.5°	653.9
20°	566.8
22.5°	485.8
25°	411.0
27.5°	344.6
30°	286.5
32.5°	232.5
35°	191.0
37.5°	151.5
40°	122.5
42.5°	97.6
45°	81.0
47.5°	66.4
50°	60.2
52.5°	56.1
55°	51.9
57.5°	49.8
60°	45.7
62.5°	43.6
65°	39.4
67.5°	37.4
70°	33.2
72.5°	29.1
75°	27.0
77.5°	22.8
80°	18.7
82.5°	16.6
85°	10.4
87.5°	4.2
90°	0.0

(END OF REPORT)