

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: P1260334

Luminaire Tested: P3AS17R259050DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

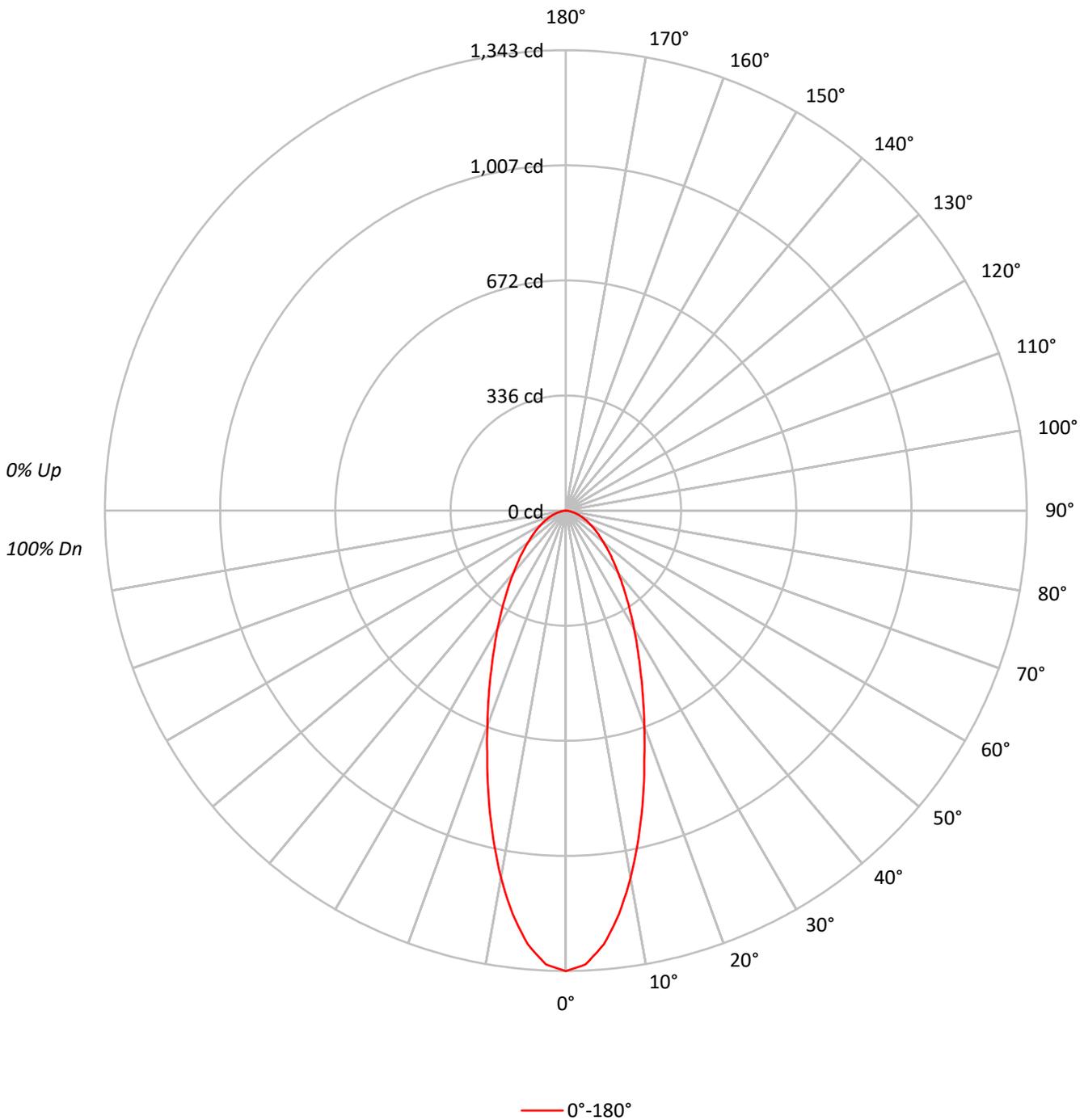
Test Method: LM-79-2019  
Report Number: P1260334  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R259050DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1129.0 lumens  
Efficiency: N/A  
Efficacy: 53.3 lumens/watt  
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71  
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	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	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80	80	80	80
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72	72	72	72
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	65	65	65	65
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	59	59	59	59
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	55	55	55	55
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	50	50	50	50
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47	47	47	47
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44	44	44	44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	41	41	41	41

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

	0°
0°	294582
5°	279616
10°	242191
15°	197163
20°	155787
25°	124217
30°	100699
35°	82021
40°	67956
45°	57277
50°	48476
55°	42665
60°	37365
65°	32636
70°	28595
75°	24061
80°	17932
85°	10315

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 57277 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	115.3	10.2
10°-20°	240.8	21.3
20°-30°	237.4	21.0
30°-40°	193.2	17.1
40°-50°	143.4	12.7
50°-60°	100.1	8.9
60°-70°	62.7	5.6
70°-80°	30.2	2.7
80°-90°	5.8	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°	593.6	52.6
0°-40°	786.8	69.7
0°-60°	1030.3	91.3
0°-90°	1129.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1129.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1343	
5°	1270	115
15°	868	241
25°	513	237
35°	306	193
45°	185	143
55°	112	100
65°	63	63
75°	28	30
85°	4	6
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1343.4
2.5°	1325.1
5°	1270.3
7.5°	1187.1
10°	1087.7
12.5°	978.1
15°	868.5
17.5°	761.0
20°	667.6
22.5°	586.5
25°	513.4
27.5°	450.5
30°	397.7
32.5°	349.0
35°	306.4
37.5°	269.9
40°	237.4
42.5°	209.0
45°	184.7
47.5°	162.3
50°	142.1
52.5°	125.8
55°	111.6
57.5°	97.4
60°	85.2
62.5°	73.1
65°	62.9
67.5°	52.8
70°	44.6
72.5°	36.5
75°	28.4
77.5°	20.3
80°	14.2
82.5°	8.1
85°	4.1
87.5°	2.0
90°	0.0

(END OF REPORT)