

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: P1258862

Luminaire Tested: P3AS02R309050DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

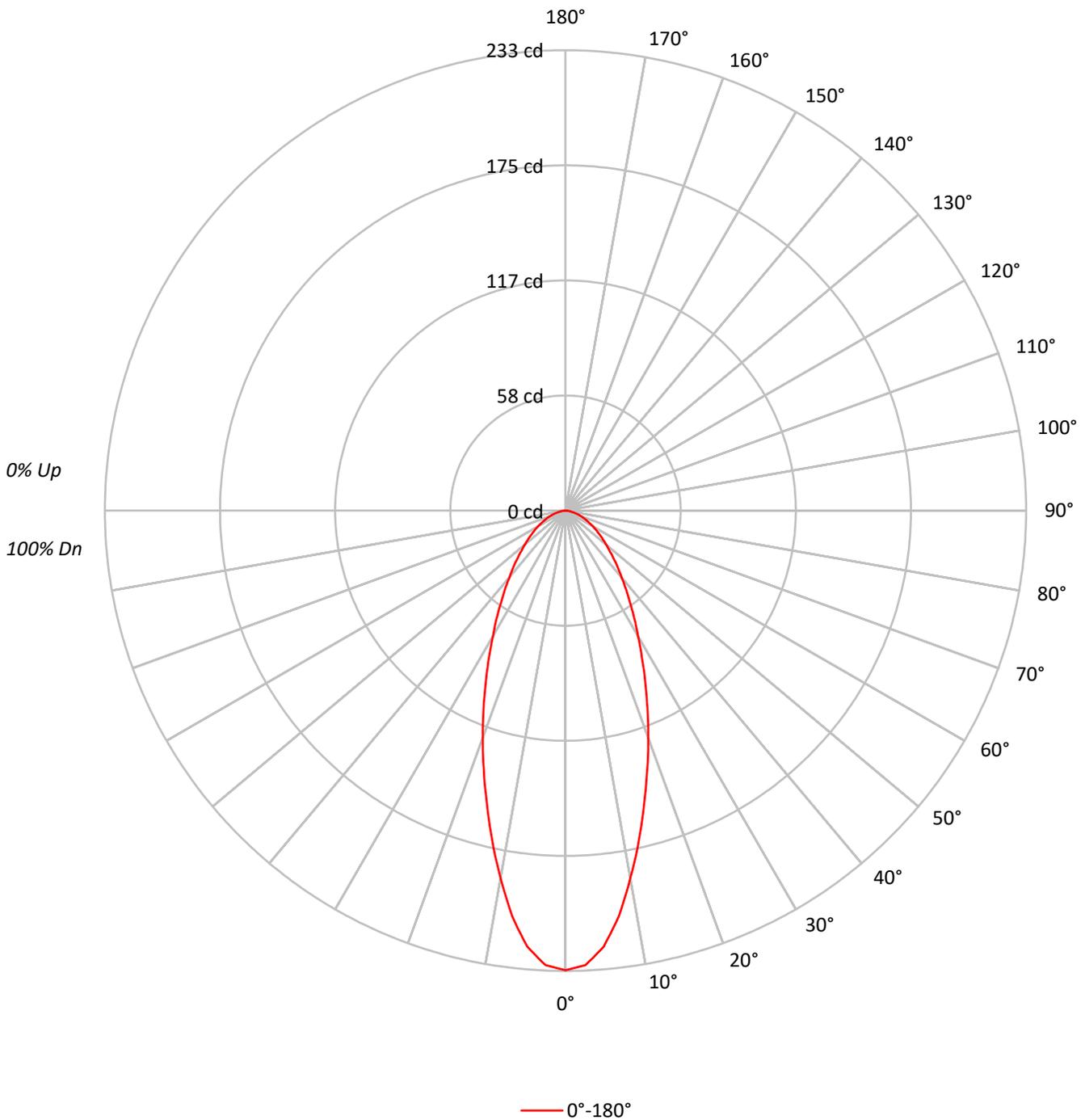
Test Method: LM-79-2019  
Report Number: P1258862  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R309050DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 207.0 lumens  
Efficiency: N/A  
Efficacy: 57.5 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): 3.6  
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	94	93	91	90	90	90	90
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80	80	80	80
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	76	73	71	71	71	71
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	65	65	65	65
5	85	75	68	63	84	74	67	62	72	66	62	70	65	61	69	64	61	59	59	59	59
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	56	54	54	54	54
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	50	50	50	50
8	72	60	53	48	70	60	53	48	58	52	48	57	52	48	56	51	48	46	46	46	46
9	68	57	50	45	66	56	49	45	55	49	45	54	49	45	53	48	44	43	43	43	43
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42	40	40	40	40

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

	0°
0°	51005
5°	48756
10°	42061
15°	34847
20°	28562
25°	23034
30°	18560
35°	15205
40°	12624
45°	10699
50°	9177
55°	7914
60°	7061
65°	6174
70°	5386
75°	4575
80°	3410
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 10699 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	20.1	9.7
10°-20°	42.8	20.7
20°-30°	43.9	21.2
30°-40°	35.9	17.3
40°-50°	26.8	13.0
50°-60°	18.8	9.1
60°-70°	11.9	5.7
70°-80°	5.7	2.8
80°-90°	1.1	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°	106.8	51.6
0°-40°	142.6	68.9
0°-60°	188.3	91.0
0°-90°	207.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	207.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	233	
5°	222	20
15°	154	43
25°	95	44
35°	57	36
45°	34	27
55°	21	19
65°	12	12
75°	5	6
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	232.6
2.5°	230.3
5°	221.5
7.5°	206.9
10°	188.9
12.5°	171.2
15°	153.5
17.5°	137.4
20°	122.4
22.5°	108.2
25°	95.2
27.5°	83.7
30°	73.3
32.5°	64.9
35°	56.8
37.5°	50.3
40°	44.1
42.5°	39.2
45°	34.5
47.5°	30.3
50°	26.9
52.5°	23.8
55°	20.7
57.5°	18.4
60°	16.1
62.5°	13.8
65°	11.9
67.5°	10.0
70°	8.4
72.5°	6.9
75°	5.4
77.5°	3.8
80°	2.7
82.5°	1.5
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)