

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: P1261057

Luminaire Tested: P3AS24R309050D010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

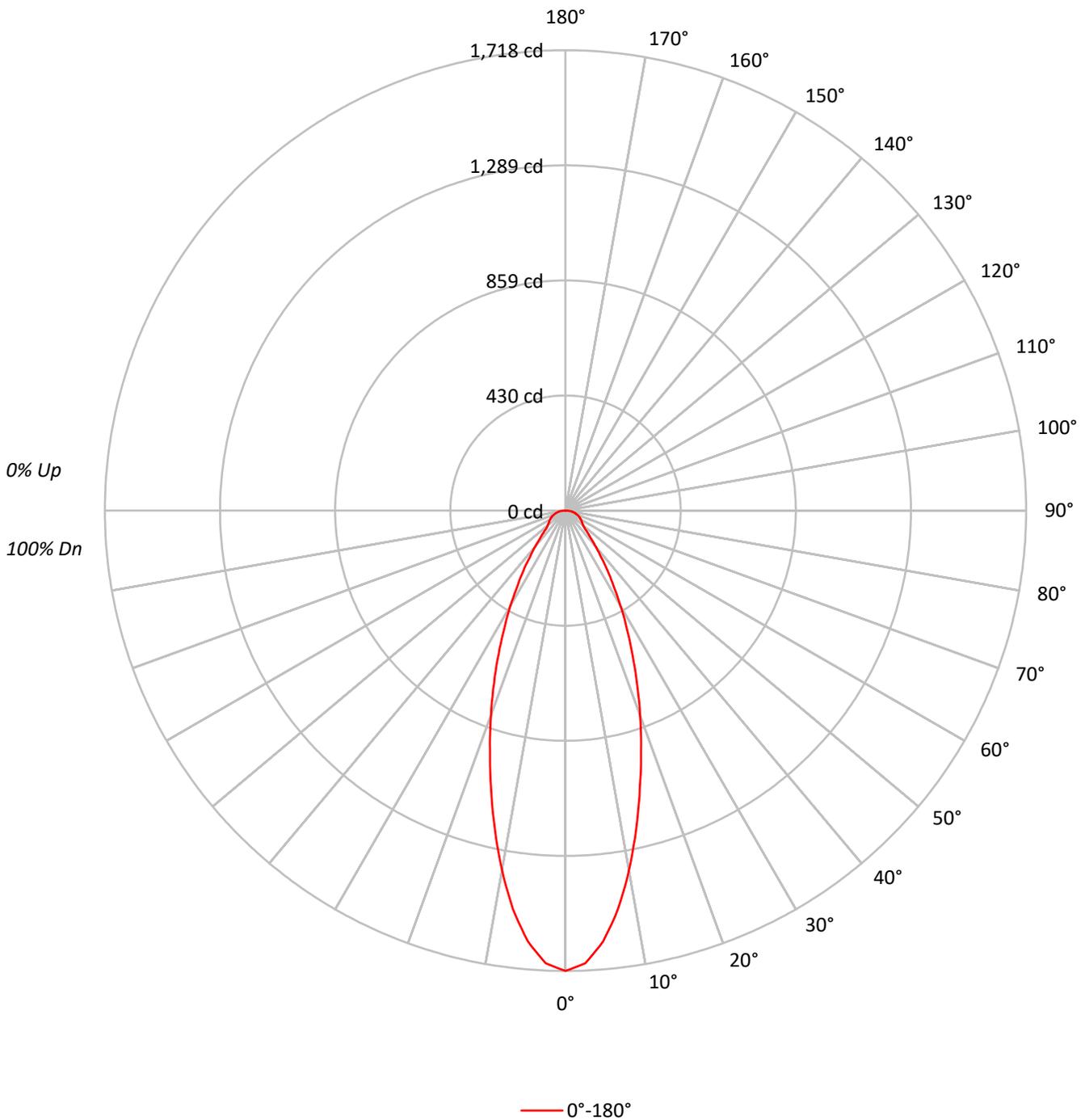
Test Method: LM-79-2019  
Report Number: P1261057  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R309050D010 E3PHLP1MW  
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1160.0 lumens  
Efficiency: N/A  
Efficacy: 40.3 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): 28.8  
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
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°	376636
5°	355139
10°	303557
15°	243270
20°	189623
25°	142605
30°	104016
35°	73321
40°	50266
45°	36004
50°	29440
55°	28443
60°	28726
65°	29368
70°	30518
75°	32788
80°	33843
85°	37488

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 39983 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	146.0	12.6
10°-20°	297.8	25.7
20°-30°	271.3	23.4
30°-40°	172.7	14.9
40°-50°	92.4	8.0
50°-60°	67.6	5.8
60°-70°	56.8	4.9
70°-80°	39.7	3.4
80°-90°	15.8	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°	715.1	61.6
0°-40°	887.7	76.5
0°-60°	1047.8	90.3
0°-90°	1160.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1160.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1718	
5°	1613	146
15°	1072	298
25°	589	271
35°	274	173
45°	116	92
55°	74	68
65°	57	57
75°	39	40
85°	15	16
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1717.6
2.5°	1690.8
5°	1613.4
7.5°	1500.3
10°	1363.3
12.5°	1217.5
15°	1071.6
17.5°	937.7
20°	812.6
22.5°	696.6
25°	589.4
27.5°	494.1
30°	410.8
32.5°	333.4
35°	273.9
37.5°	217.3
40°	175.6
42.5°	139.9
45°	116.1
47.5°	95.3
50°	86.3
52.5°	80.4
55°	74.4
57.5°	71.4
60°	65.5
62.5°	62.5
65°	56.6
67.5°	53.6
70°	47.6
72.5°	41.7
75°	38.7
77.5°	32.7
80°	26.8
82.5°	23.8
85°	14.9
87.5°	6.0
90°	0.0

(END OF REPORT)