

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: P1258370

Luminaire Tested: P3AS24R159040D010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

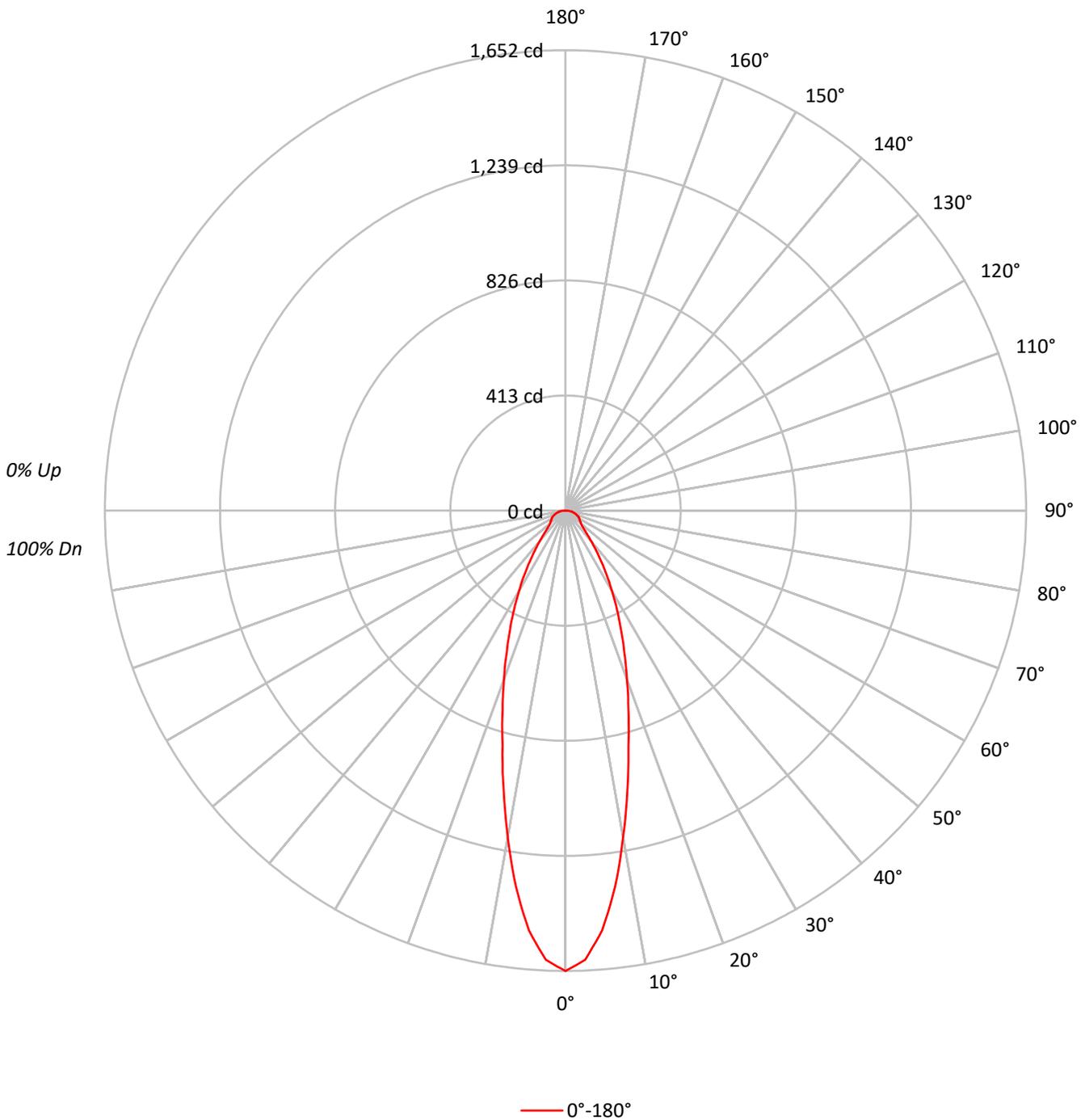
Test Method: LM-79-2019  
Report Number: P1258370  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R159040D010 E3PHLP1MW  
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 968.1 lumens  
Efficiency: N/A  
Efficacy: 33.6 lumens/watt  
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 28.8  
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	100	102	99	97	98	96	94	95	93	92	90				90
2	105	99	94	90	102	97	92	89	94	90	87	91	87	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	67	76	70	66	74	69	65	72	68	65	63				63
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59				59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52				52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49				49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46				46

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

	0°
0°	362296
5°	332665
10°	265081
15°	198094
20°	150443
25°	113910
30°	84266
35°	60204
40°	41191
45°	28840
50°	24562
55°	24085
60°	24998
65°	26462
70°	26928
75°	27959
80°	30307
85°	30192

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 35279 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	133.9	13.8
10°-20°	244.8	25.3
20°-30°	216.8	22.4
30°-40°	142.0	14.7
40°-50°	75.9	7.8
50°-60°	57.4	5.9
60°-70°	49.4	5.1
70°-80°	34.0	3.5
80°-90°	13.9	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°	595.4	61.5
0°-40°	737.4	76.2
0°-60°	870.7	89.9
0°-90°	968.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	968.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1652	
5°	1511	134
15°	873	245
25°	471	217
35°	225	142
45°	93	76
55°	63	57
65°	51	49
75°	33	34
85°	12	14
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1652.2
2.5°	1613.3
5°	1511.3
7.5°	1361.4
10°	1190.5
12.5°	1025.5
15°	872.6
17.5°	749.7
20°	644.7
22.5°	551.7
25°	470.8
27.5°	398.8
30°	332.8
32.5°	275.9
35°	224.9
37.5°	179.9
40°	143.9
42.5°	113.9
45°	93.0
47.5°	81.0
50°	72.0
52.5°	69.0
55°	63.0
57.5°	60.0
60°	57.0
62.5°	54.0
65°	51.0
67.5°	45.0
70°	42.0
72.5°	36.0
75°	33.0
77.5°	27.0
80°	24.0
82.5°	21.0
85°	12.0
87.5°	6.0
90°	0.0

(END OF REPORT)