

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: P1260967

Luminaire Tested: P3AS24R159050D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260967
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: P3AS24R159050D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

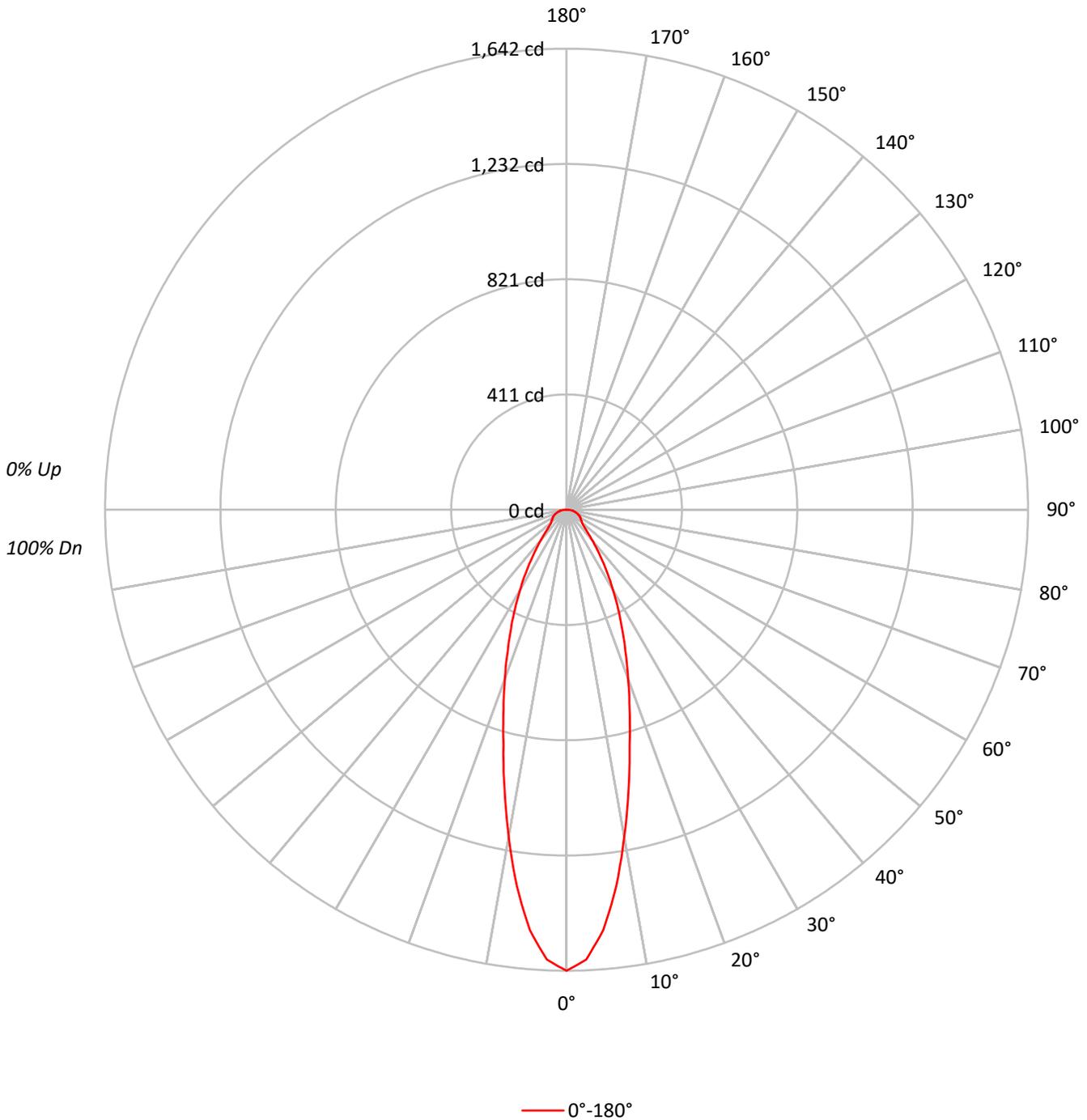
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 962.0 lumens
Efficiency: N/A
Efficacy: 33.4 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 (A_{in}): 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	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	81	81	81	81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74	74	74	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68	68	68	68
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	63	63	63	63
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59	59	59	59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52	52	52	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49	49	49	49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46	46	46	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	360059
5°	330596
10°	263433
15°	196868
20°	149510
25°	113208
30°	83760
35°	59829
40°	40934
45°	28654
50°	24392
55°	23932
60°	24823
65°	26306
70°	26735
75°	27789
80°	30054
85°	29940

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 35111 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.0	13.8
10°-20°	243.2	25.3
20°-30°	215.5	22.4
30°-40°	141.1	14.7
40°-50°	75.4	7.8
50°-60°	57.0	5.9
60°-70°	49.1	5.1
70°-80°	33.8	3.5
80°-90°	13.8	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°	591.7	61.5
0°-40°	732.9	76.2
0°-60°	865.3	89.9
0°-90°	962.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	962.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1642	
5°	1502	133
15°	867	243
25°	468	215
35°	224	141
45°	92	75
55°	63	57
65°	51	49
75°	33	34
85°	12	14
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1642.0
2.5°	1603.3
5°	1501.9
7.5°	1352.9
10°	1183.1
12.5°	1019.2
15°	867.2
17.5°	745.0
20°	640.7
22.5°	548.3
25°	467.9
27.5°	396.3
30°	330.8
32.5°	274.2
35°	223.5
37.5°	178.8
40°	143.0
42.5°	113.2
45°	92.4
47.5°	80.5
50°	71.5
52.5°	68.5
55°	62.6
57.5°	59.6
60°	56.6
62.5°	53.6
65°	50.7
67.5°	44.7
70°	41.7
72.5°	35.8
75°	32.8
77.5°	26.8
80°	23.8
82.5°	20.9
85°	11.9
87.5°	6.0
90°	0.0

(END OF REPORT)