

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: P1250306

Luminaire Tested: P3AS24R259027D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250306
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: P3AS24R259027D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

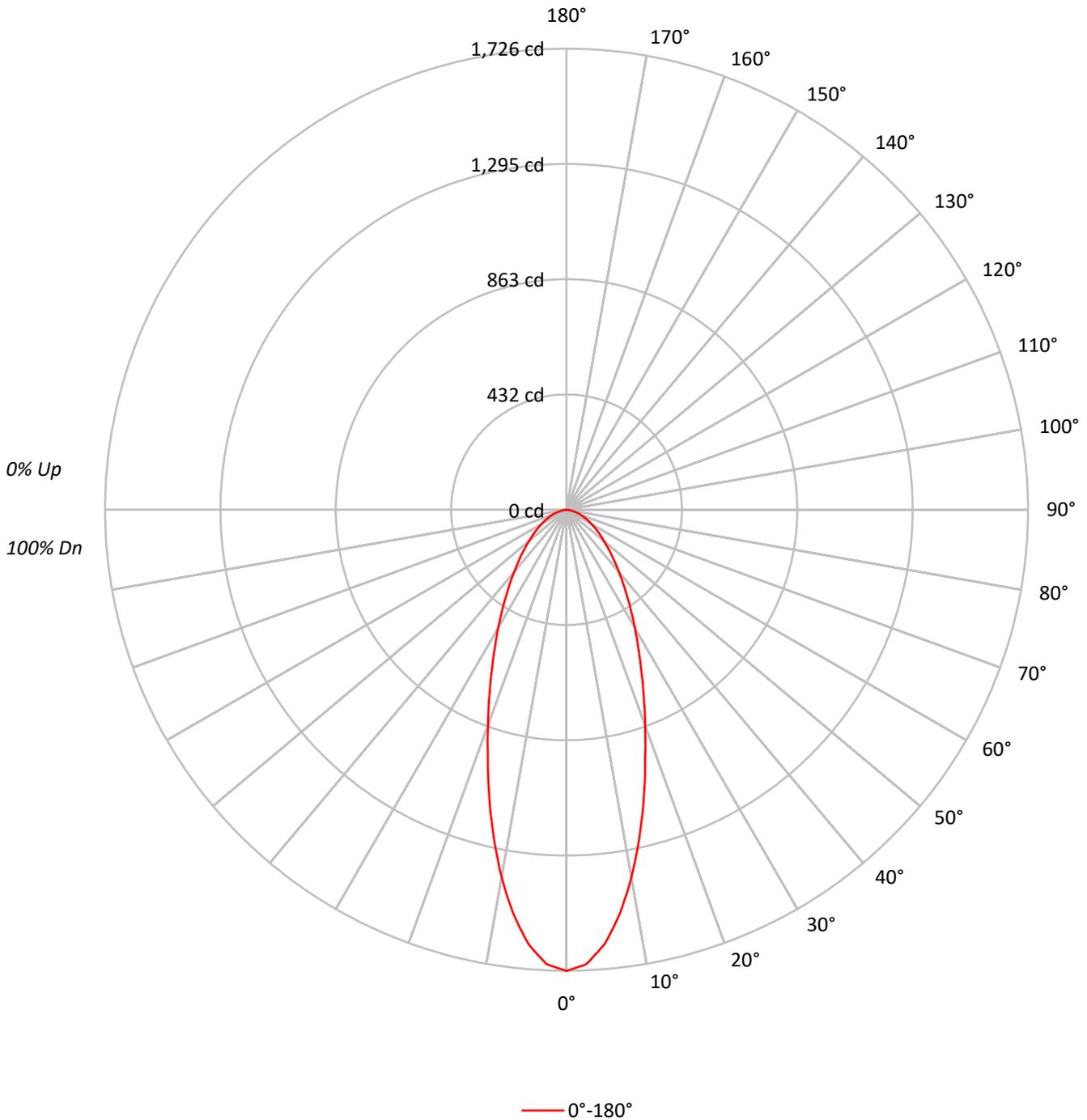
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1450.9 lumens
Efficiency: N/A
Efficacy: 50.4 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): 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				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	102	102	102	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	95	93	92	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	80	77	74	72
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	74	70	67	65
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	69	65	61	59
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	65	60	56	55
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	61	56	52	50
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	57	52	48	47
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	51	46	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	378588
5°	359365
10°	311261
15°	253418
20°	200241
25°	159638
30°	129438
35°	105417
40°	87335
45°	73589
50°	62292
55°	54822
60°	48022
65°	41924
70°	36801
75°	30924
80°	23109
85°	13083

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 73589 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	148.2	10.2
10°-20°	309.5	21.3
20°-30°	305.1	21.0
30°-40°	248.4	17.1
40°-50°	184.3	12.7
50°-60°	128.6	8.9
60°-70°	80.6	5.6
70°-80°	38.8	2.7
80°-90°	7.4	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°	762.9	52.6
0°-40°	1011.2	69.7
0°-60°	1324.1	91.3
0°-90°	1450.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1450.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1726	
5°	1633	148
15°	1116	310
25°	660	305
35°	394	248
45°	237	184
55°	143	129
65°	81	81
75°	36	39
85°	5	7
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1726.5
2.5°	1703.1
5°	1632.6
7.5°	1525.7
10°	1397.9
12.5°	1257.1
15°	1116.3
17.5°	978.0
20°	858.1
22.5°	753.7
25°	659.8
27.5°	579.0
30°	511.2
32.5°	448.6
35°	393.8
37.5°	346.9
40°	305.1
42.5°	268.6
45°	237.3
47.5°	208.6
50°	182.6
52.5°	161.7
55°	143.4
57.5°	125.2
60°	109.5
62.5°	93.9
65°	80.8
67.5°	67.8
70°	57.4
72.5°	46.9
75°	36.5
77.5°	26.1
80°	18.3
82.5°	10.4
85°	5.2
87.5°	2.6
90°	0.0

(END OF REPORT)