

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: P1258395

Luminaire Tested: P3AS24R209040D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258395
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R209040D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

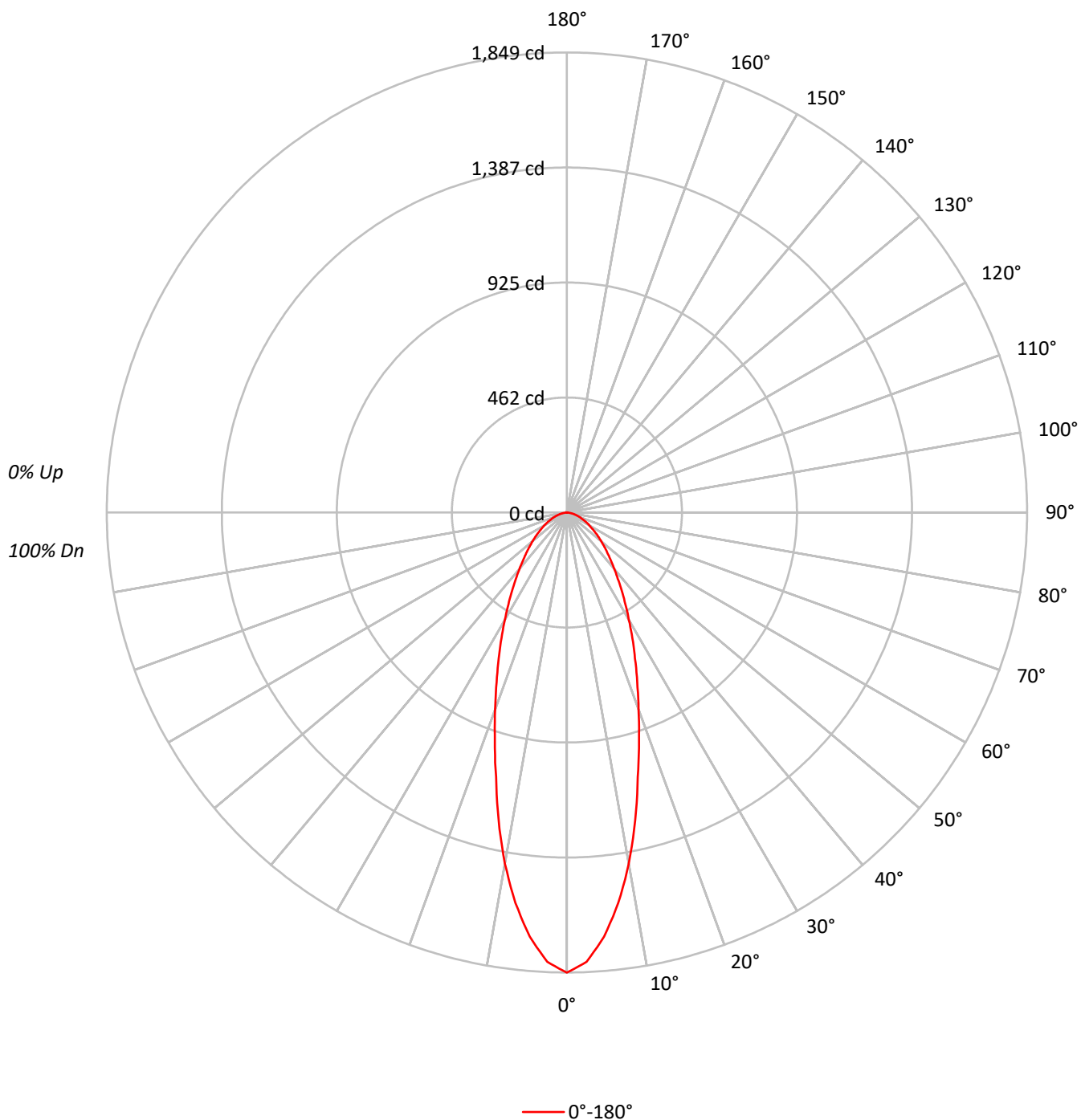
Lumens per Lamp: N/A
Luminaire Lumens: 1430.0 lumens
Efficiency: N/A
Efficacy: 49.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	101	102	100	97		98	96	95		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	98	90	83	78	95	88	82	78	85	81	77		83	79	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	70	63	58	79	70	63	58	68	62	58		66	61	57		65
7	76	66	59	54	75	65	58	53	64	58	53		62	57	53		61
8	72	61	54	50	71	61	54	50	60	54	49		58	53	49		57
9	69	58	51	46	67	57	51	46	56	50	46		55	50	46		54
10	65	54	48	43	64	54	48	43	53	47	43		52	47	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	405538
5°	376754
10°	319032
15°	249740
20°	196554
25°	156662
30°	125994
35°	102714
40°	84931
45°	71573
50°	61337
55°	52720
60°	46005
65°	40419
70°	34621
75°	30500
80°	22730
85°	15096

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 71573 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.5	10.8
10°-20°	308.0	21.5
20°-30°	299.1	20.9
30°-40°	241.6	16.9
40°-50°	179.5	12.6
50°-60°	124.7	8.7
60°-70°	78.1	5.5
70°-80°	37.9	2.7
80°-90°	6.5	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°	761.5	53.3
0°-40°	1003.1	70.1
0°-60°	1307.4	91.4
0°-90°	1430.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1430.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1849	
5°	1712	155
15°	1100	308
25°	648	299
35°	384	242
45°	231	180
55°	138	125
65°	78	78
75°	36	38
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1849.4
2.5°	1807.5
5°	1711.6
7.5°	1582.7
10°	1432.8
12.5°	1267.9
15°	1100.1
17.5°	962.2
20°	842.3
22.5°	737.4
25°	647.5
27.5°	569.5
30°	497.6
32.5°	437.6
35°	383.7
37.5°	335.7
40°	296.7
42.5°	260.8
45°	230.8
47.5°	203.8
50°	179.8
52.5°	158.9
55°	137.9
57.5°	119.9
60°	104.9
62.5°	92.9
65°	77.9
67.5°	65.9
70°	54.0
72.5°	45.0
75°	36.0
77.5°	27.0
80°	18.0
82.5°	9.0
85°	6.0
87.5°	0.0
90°	0.0

(END OF REPORT)