

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: P1255688

Luminaire Tested: P3AS24R209035D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255688
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: P3AS24R209035D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

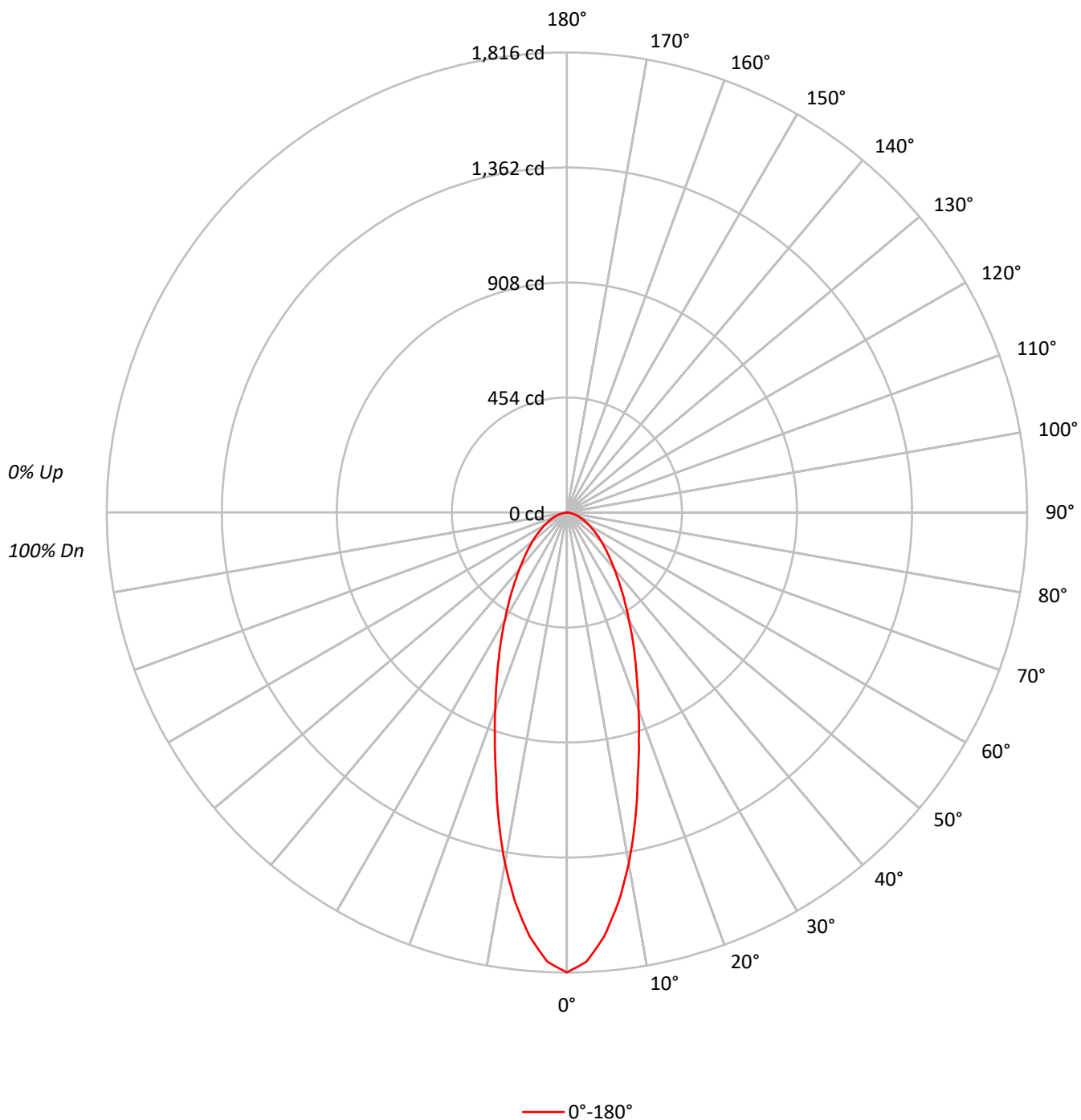
Lumens per Lamp: N/A
Luminaire Lumens: 1404.0 lumens
Efficiency: N/A
Efficacy: 48.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	398170
5°	369887
10°	313221
15°	245200
20°	192983
25°	153807
30°	123690
35°	100840
40°	83413
45°	70271
50°	60245
55°	51764
60°	45172
65°	39693
70°	33980
75°	29907
80°	22351
85°	14844

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 70271 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.7	10.8
10°-20°	302.4	21.5
20°-30°	293.6	20.9
30°-40°	237.2	16.9
40°-50°	176.3	12.6
50°-60°	122.5	8.7
60°-70°	76.7	5.5
70°-80°	37.2	2.7
80°-90°	6.4	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°	747.7	53.3
0°-40°	984.9	70.2
0°-60°	1283.7	91.4
0°-90°	1404.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1404.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1816	
5°	1680	152
15°	1080	302
25°	636	294
35°	377	237
45°	227	176
55°	135	122
65°	76	77
75°	35	37
85°	6	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1815.8
2.5°	1774.6
5°	1680.4
7.5°	1553.9
10°	1406.7
12.5°	1244.9
15°	1080.1
17.5°	944.7
20°	827.0
22.5°	724.0
25°	635.7
27.5°	559.2
30°	488.5
32.5°	429.7
35°	376.7
37.5°	329.6
40°	291.4
42.5°	256.0
45°	226.6
47.5°	200.1
50°	176.6
52.5°	156.0
55°	135.4
57.5°	117.7
60°	103.0
62.5°	91.2
65°	76.5
67.5°	64.7
70°	53.0
72.5°	44.1
75°	35.3
77.5°	26.5
80°	17.7
82.5°	8.8
85°	5.9
87.5°	0.0
90°	0.0

(END OF REPORT)