

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: P1250725

Luminaire Tested: P3AS02R209030DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250725
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: P3AS02R209030DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

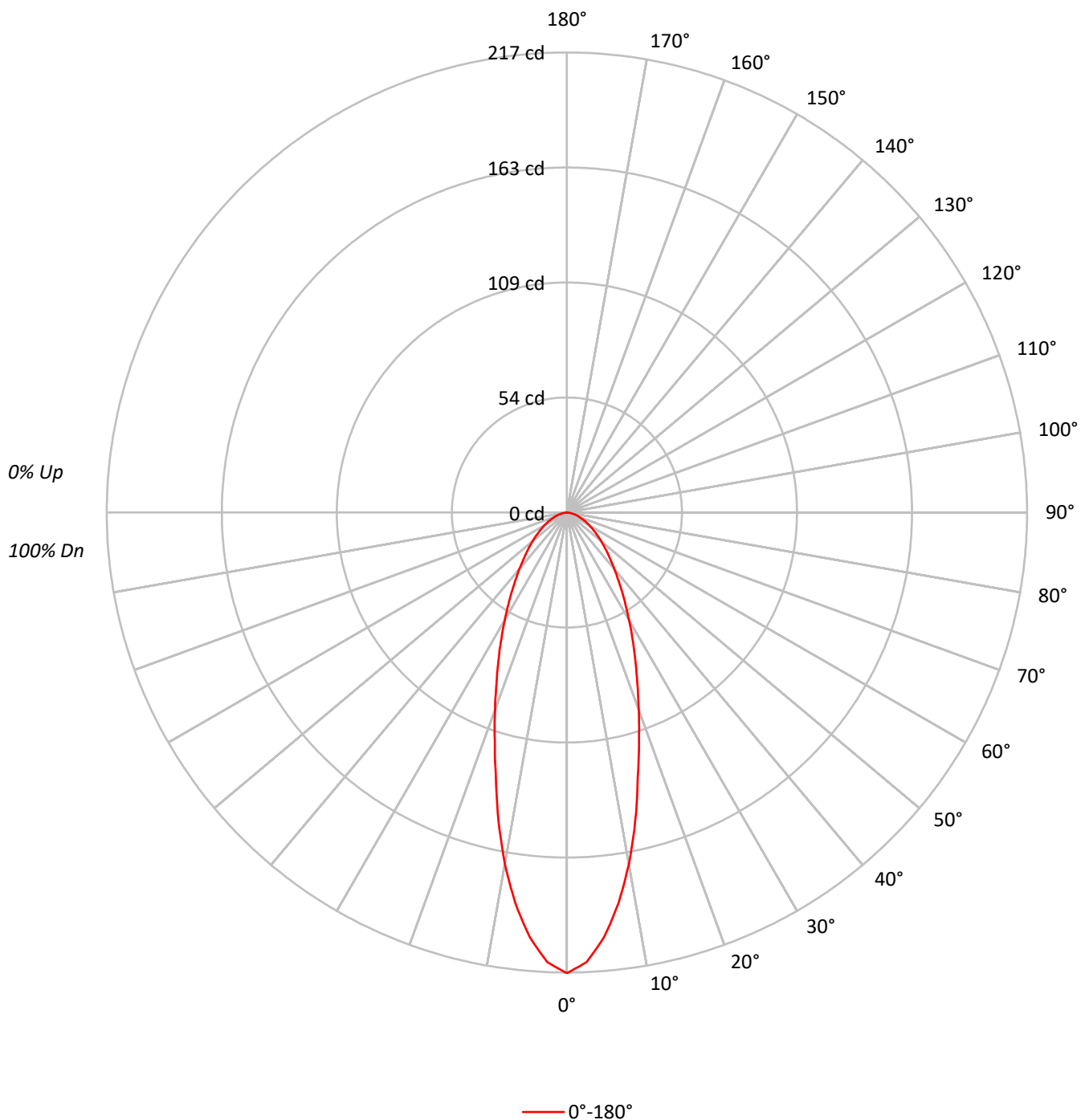
Lumens per Lamp: N/A
Luminaire Lumens: 168.0 lumens
Efficiency: N/A
Efficacy: 46.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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°	47650
5°	44266
10°	37474
15°	29330
20°	23102
25°	18412
30°	14812
35°	12073
40°	9990
45°	8404
50°	7198
55°	6193
60°	5394
65°	4774
70°	4039
75°	3558
80°	2652
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8404 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.2	10.8
10°-20°	36.2	21.5
20°-30°	35.1	20.9
30°-40°	28.4	16.9
40°-50°	21.1	12.5
50°-60°	14.7	8.7
60°-70°	9.2	5.5
70°-80°	4.5	2.7
80°-90°	0.8	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°	89.5	53.3
0°-40°	117.9	70.2
0°-60°	153.6	91.4
0°-90°	168.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	168.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	217	
5°	201	18
15°	129	36
25°	76	35
35°	45	28
45°	27	21
55°	16	15
65°	9	9
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	217.3
2.5°	212.3
5°	201.1
7.5°	185.9
10°	168.3
12.5°	149.0
15°	129.2
17.5°	113.0
20°	99.0
22.5°	86.6
25°	76.1
27.5°	66.9
30°	58.5
32.5°	51.4
35°	45.1
37.5°	39.4
40°	34.9
42.5°	30.6
45°	27.1
47.5°	23.9
50°	21.1
52.5°	18.7
55°	16.2
57.5°	14.1
60°	12.3
62.5°	10.9
65°	9.2
67.5°	7.7
70°	6.3
72.5°	5.3
75°	4.2
77.5°	3.2
80°	2.1
82.5°	1.1
85°	0.7
87.5°	0.0
90°	0.0

(END OF REPORT)