

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: P1258798

Luminaire Tested: P3AS02R209050DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258798
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: P3AS02R209050DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

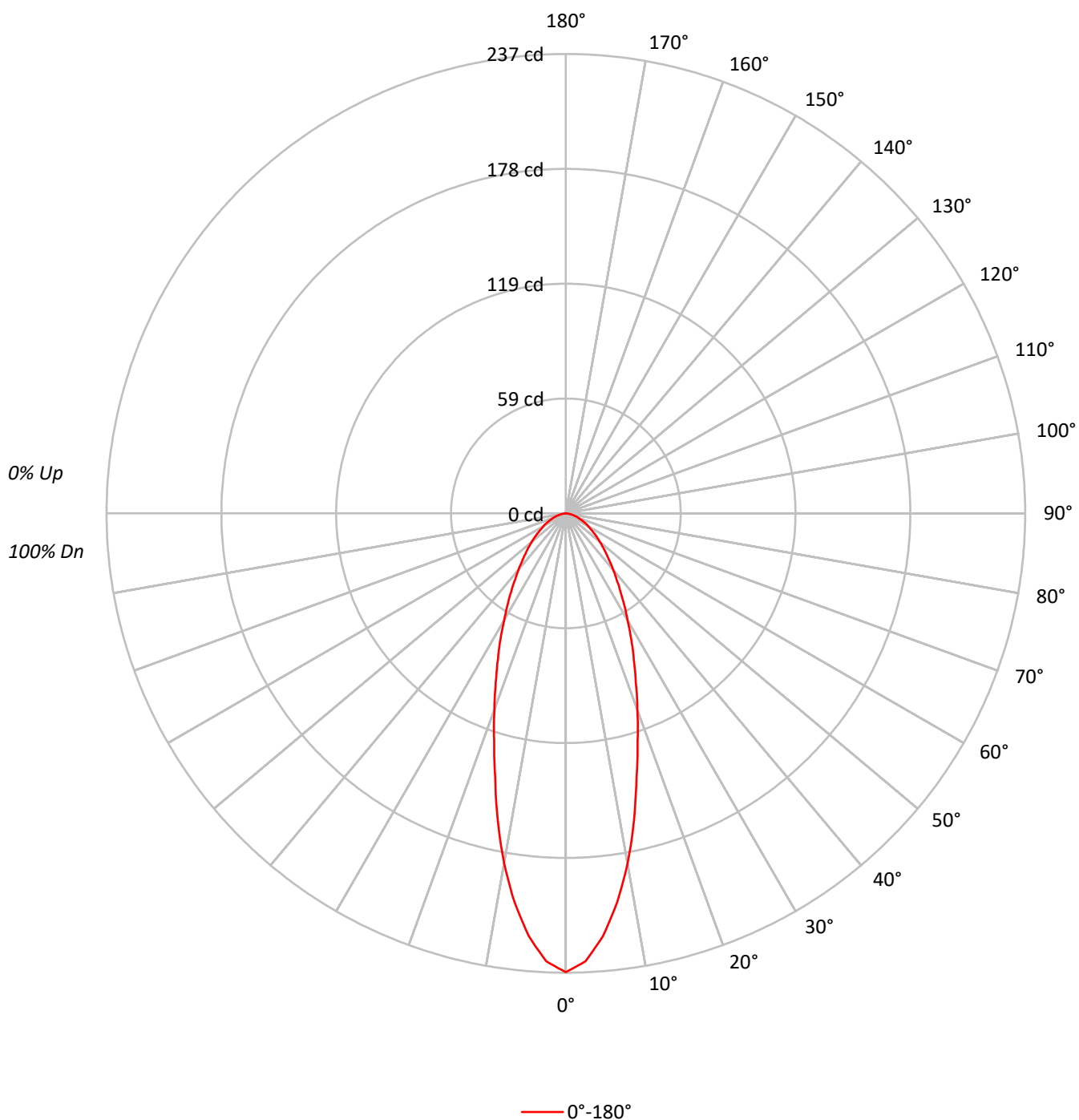
Lumens per Lamp: N/A
Luminaire Lumens: 183.0 lumens
Efficiency: N/A
Efficacy: 50.8 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	63	57	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°	51904
5°	48206
10°	40836
15°	31964
20°	25156
25°	20058
30°	16129
35°	13144
40°	10878
45°	9148
50°	7846
55°	6729
60°	5877
65°	5189
70°	4424
75°	3897
80°	2904
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9148 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.8	10.8
10°-20°	39.4	21.5
20°-30°	38.3	20.9
30°-40°	30.9	16.9
40°-50°	23.0	12.6
50°-60°	15.9	8.7
60°-70°	10.0	5.5
70°-80°	4.9	2.7
80°-90°	0.9	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°	97.5	53.3
0°-40°	128.4	70.1
0°-60°	167.3	91.4
0°-90°	183.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	183.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	237	
5°	219	20
15°	141	39
25°	83	38
35°	49	31
45°	30	23
55°	18	16
65°	10	10
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	236.7
2.5°	231.3
5°	219.0
7.5°	202.5
10°	183.4
12.5°	162.3
15°	140.8
17.5°	123.1
20°	107.8
22.5°	94.4
25°	82.9
27.5°	72.9
30°	63.7
32.5°	56.0
35°	49.1
37.5°	43.0
40°	38.0
42.5°	33.4
45°	29.5
47.5°	26.1
50°	23.0
52.5°	20.3
55°	17.6
57.5°	15.3
60°	13.4
62.5°	11.9
65°	10.0
67.5°	8.4
70°	6.9
72.5°	5.8
75°	4.6
77.5°	3.5
80°	2.3
82.5°	1.2
85°	0.8
87.5°	0.0
90°	0.0

(END OF REPORT)