

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: P1258830

Luminaire Tested: P3AS02R259050DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258830
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: P3AS02R259050DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

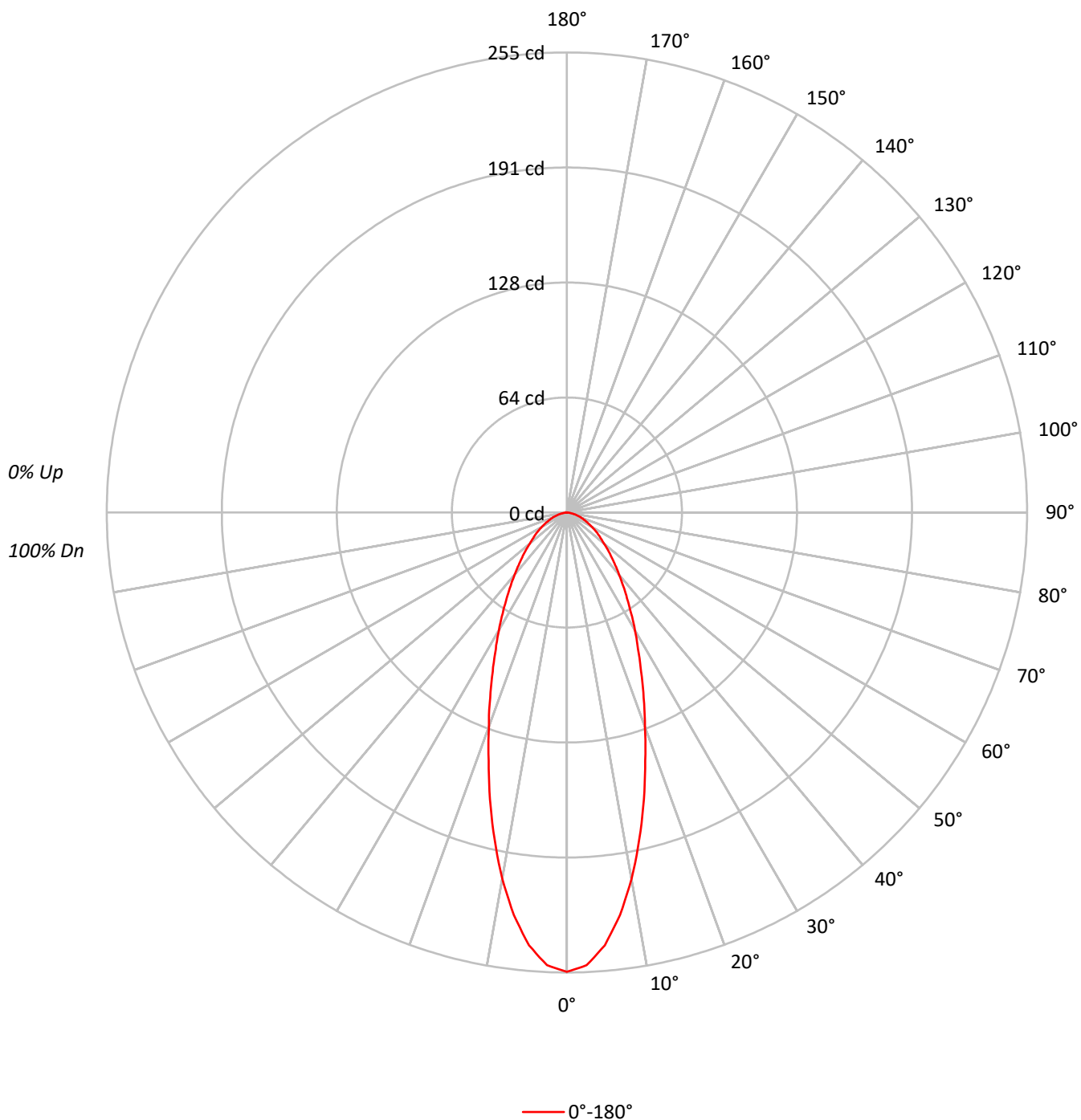
Lumens per Lamp: N/A
Luminaire Lumens: 214.0 lumens
Efficiency: N/A
Efficacy: 59.4 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	100	102	99	97		98	96	94		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	55829
5°	53004
10°	45913
15°	37367
20°	29519
25°	23542
30°	19092
35°	15553
40°	12881
45°	10854
50°	9177
55°	8105
60°	7105
65°	6174
70°	5450
75°	4575
80°	3410
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10854 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.9	10.2
10°-20°	45.6	21.3
20°-30°	45.0	21.0
30°-40°	36.6	17.1
40°-50°	27.2	12.7
50°-60°	19.0	8.9
60°-70°	11.9	5.5
70°-80°	5.7	2.7
80°-90°	1.1	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°	112.5	52.6
0°-40°	149.2	69.7
0°-60°	195.3	91.3
0°-90°	214.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	214.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	255	
5°	241	22
15°	165	46
25°	97	45
35°	58	37
45°	35	27
55°	21	19
65°	12	12
75°	5	6
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	254.6
2.5°	251.2
5°	240.8
7.5°	225.0
10°	206.2
12.5°	185.4
15°	164.6
17.5°	144.2
20°	126.5
22.5°	111.2
25°	97.3
27.5°	85.4
30°	75.4
32.5°	66.2
35°	58.1
37.5°	51.2
40°	45.0
42.5°	39.6
45°	35.0
47.5°	30.8
50°	26.9
52.5°	23.8
55°	21.2
57.5°	18.5
60°	16.2
62.5°	13.8
65°	11.9
67.5°	10.0
70°	8.5
72.5°	6.9
75°	5.4
77.5°	3.8
80°	2.7
82.5°	1.5
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)