

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: P1250757

Luminaire Tested: P3AS02R259030DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250757
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: P3AS02R259030DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

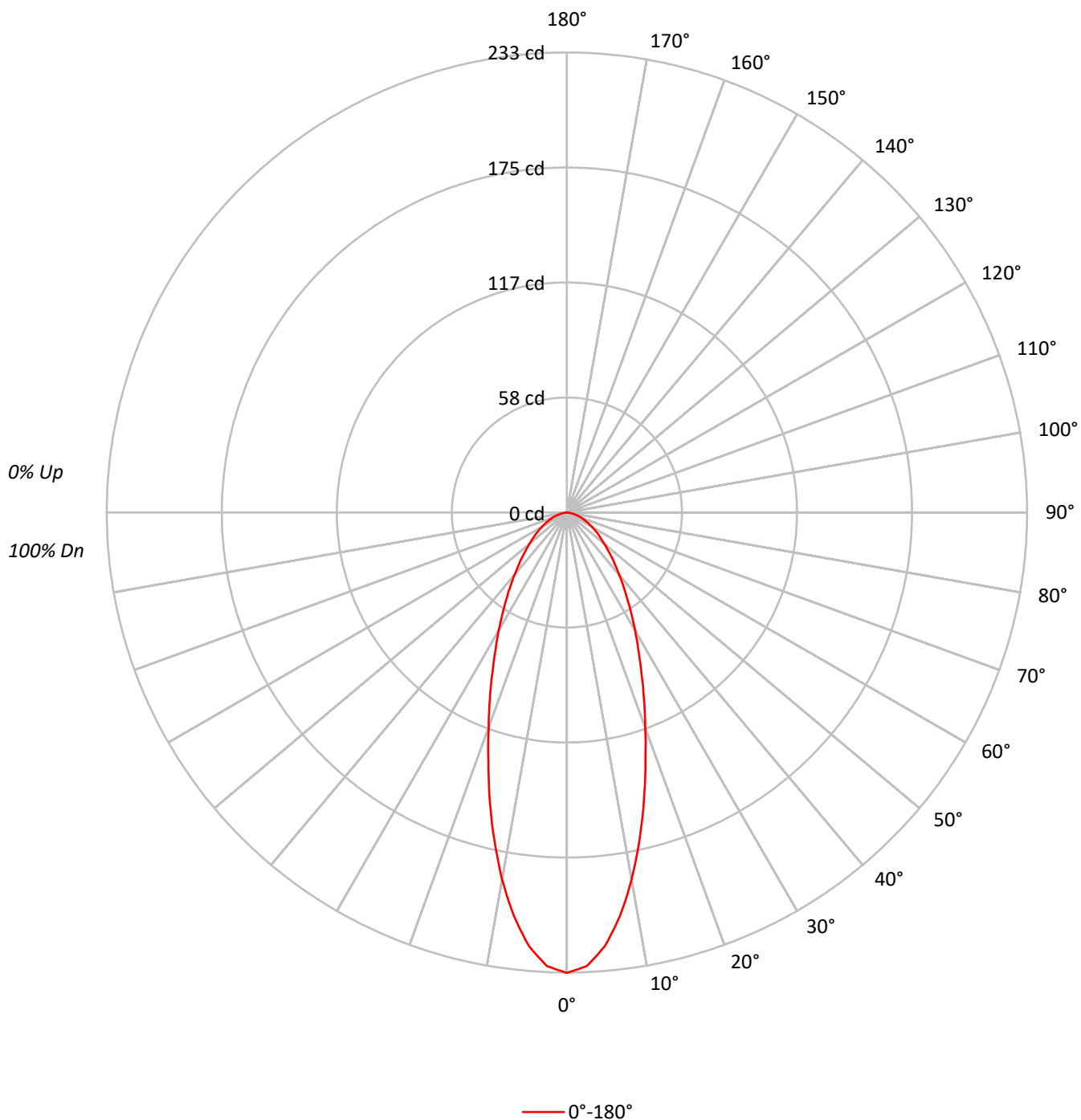
Lumens per Lamp: N/A
Luminaire Lumens: 196.0 lumens
Efficiency: N/A
Efficacy: 54.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		94
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°	51136
5°	48536
10°	42039
15°	34234
20°	27046
25°	21558
30°	17471
35°	14241
40°	11794
45°	9955
50°	8426
55°	7417
60°	6491
65°	5656
70°	5001
75°	4151
80°	3157
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9955 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.0	10.2
10°-20°	41.8	21.3
20°-30°	41.2	21.0
30°-40°	33.6	17.1
40°-50°	24.9	12.7
50°-60°	17.4	8.9
60°-70°	10.9	5.6
70°-80°	5.2	2.7
80°-90°	1.0	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°	103.0	52.6
0°-40°	136.6	69.7
0°-60°	178.9	91.3
0°-90°	196.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	196.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	233	
5°	220	20
15°	151	42
25°	89	41
35°	53	34
45°	32	25
55°	19	17
65°	11	11
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	233.2
2.5°	230.0
5°	220.5
7.5°	206.1
10°	188.8
12.5°	169.8
15°	150.8
17.5°	132.1
20°	115.9
22.5°	101.8
25°	89.1
27.5°	78.2
30°	69.0
32.5°	60.6
35°	53.2
37.5°	46.9
40°	41.2
42.5°	36.3
45°	32.1
47.5°	28.2
50°	24.7
52.5°	21.8
55°	19.4
57.5°	16.9
60°	14.8
62.5°	12.7
65°	10.9
67.5°	9.2
70°	7.8
72.5°	6.3
75°	4.9
77.5°	3.5
80°	2.5
82.5°	1.4
85°	0.7
87.5°	0.4
90°	0.0

(END OF REPORT)