

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: P1263847

Luminaire Tested: P3A02R259730DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263847
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: P3A02R259730DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

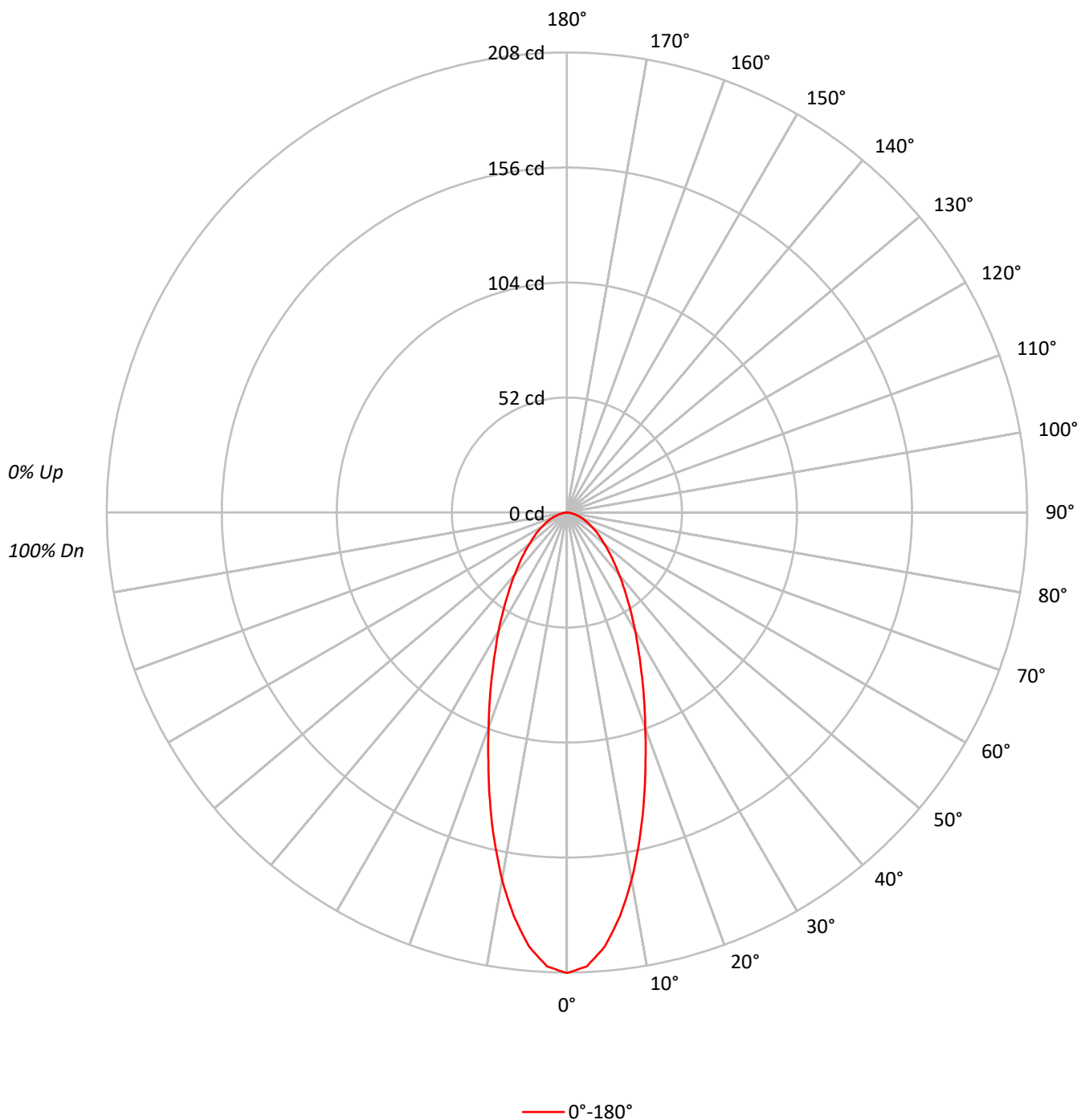
Lumens per Lamp: N/A
Luminaire Lumens: 175.0 lumens
Efficiency: N/A
Efficacy: 48.6 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	45654
5°	43341
10°	37541
15°	30556
20°	24152
25°	19259
30°	15623
35°	12715
40°	10534
45°	8869
50°	7505
55°	6614
60°	5789
65°	5085
70°	4424
75°	3728
80°	2778
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8869 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.9	10.2
10°-20°	37.3	21.3
20°-30°	36.8	21.0
30°-40°	30.0	17.1
40°-50°	22.2	12.7
50°-60°	15.5	8.9
60°-70°	9.7	5.6
70°-80°	4.7	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°	92.0	52.6
0°-40°	122.0	69.7
0°-60°	159.7	91.3
0°-90°	175.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	175.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	208	
5°	197	18
15°	135	37
25°	80	37
35°	48	30
45°	29	22
55°	17	16
65°	10	10
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	208.2
2.5°	205.4
5°	196.9
7.5°	184.0
10°	168.6
12.5°	151.6
15°	134.6
17.5°	118.0
20°	103.5
22.5°	90.9
25°	79.6
27.5°	69.8
30°	61.7
32.5°	54.1
35°	47.5
37.5°	41.8
40°	36.8
42.5°	32.4
45°	28.6
47.5°	25.2
50°	22.0
52.5°	19.5
55°	17.3
57.5°	15.1
60°	13.2
62.5°	11.3
65°	9.8
67.5°	8.2
70°	6.9
72.5°	5.7
75°	4.4
77.5°	3.1
80°	2.2
82.5°	1.3
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)