

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: P1245618

Luminaire Tested: P3A02R159024DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245618
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R159024DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2400K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

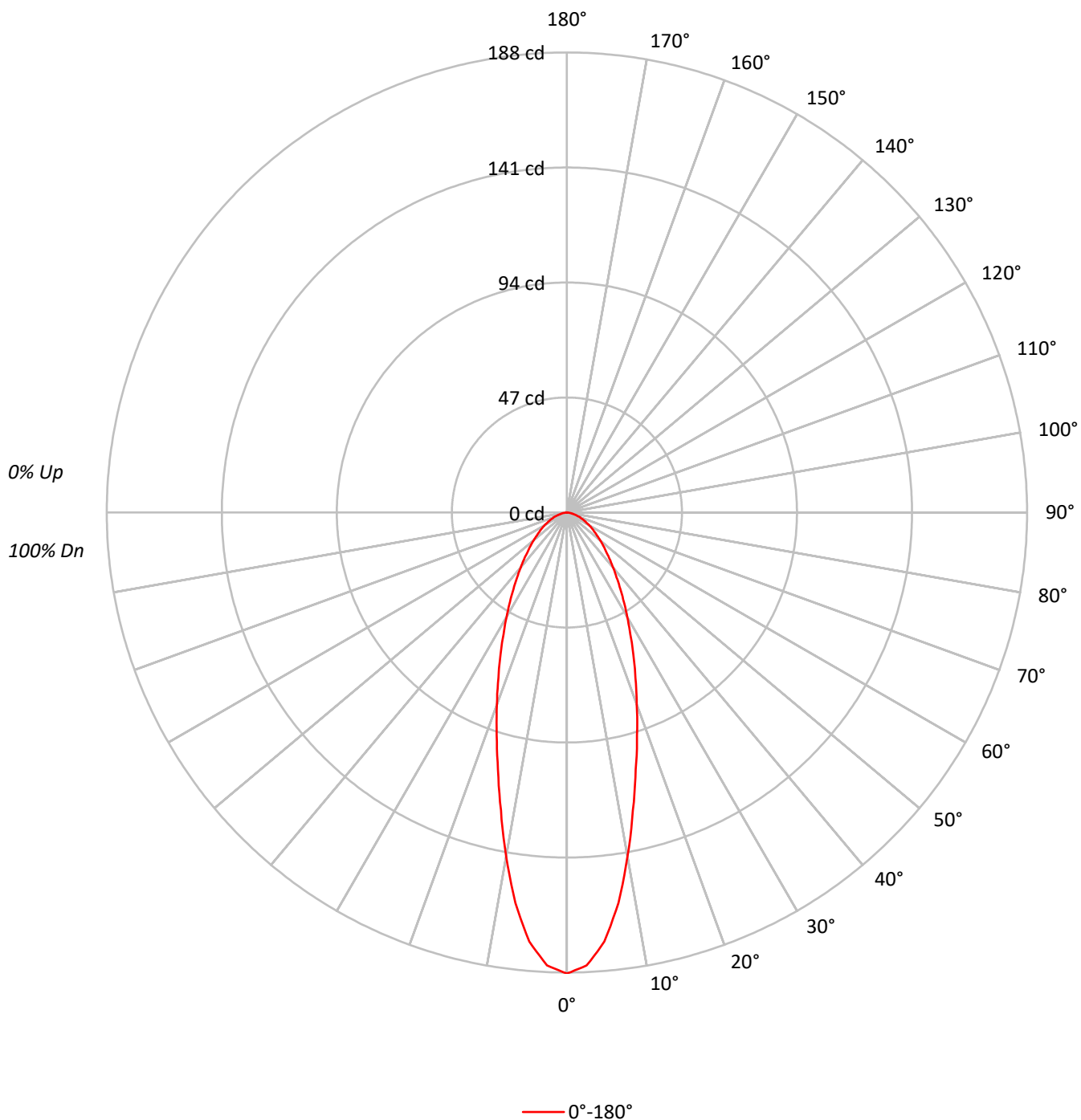
Lumens per Lamp: N/A
Luminaire Lumens: 142.0 lumens
Efficiency: N/A
Efficacy: 39.4 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	97	92	88	93	89	86		90	87	84		87
3	98	90	84	79	96	88	83	78	85	81	77		83	79	75		81
4	92	82	76	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	71	63	58	79	70	63	58	68	62	58		67	61	57		65
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	69	58	51	47	68	57	51	46	56	50	46		55	50	46		54
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	41312
5°	38741
10°	31774
15°	24677
20°	19485
25°	15533
30°	12458
35°	10172
40°	8387
45°	7039
50°	6072
55°	5238
60°	4649
65°	4047
70°	3590
75°	2881
80°	2399
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7039 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.7	11.1
10°-20°	30.5	21.4
20°-30°	29.6	20.9
30°-40°	23.9	16.8
40°-50°	17.8	12.5
50°-60°	12.4	8.7
60°-70°	7.8	5.5
70°-80°	3.7	2.6
80°-90°	0.7	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°	75.8	53.4
0°-40°	99.7	70.2
0°-60°	129.9	91.5
0°-90°	142.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	142.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	188	
5°	176	16
15°	109	30
25°	64	30
35°	38	24
45°	23	18
55°	14	12
65°	8	8
75°	3	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	188.4
2.5°	185.3
5°	176.0
7.5°	161.0
10°	142.7
12.5°	124.6
15°	108.7
17.5°	95.3
20°	83.5
22.5°	73.2
25°	64.2
27.5°	56.1
30°	49.2
32.5°	43.3
35°	38.0
37.5°	33.3
40°	29.3
42.5°	25.9
45°	22.7
47.5°	20.2
50°	17.8
52.5°	15.6
55°	13.7
57.5°	12.1
60°	10.6
62.5°	9.0
65°	7.8
67.5°	6.5
70°	5.6
72.5°	4.4
75°	3.4
77.5°	2.5
80°	1.9
82.5°	0.9
85°	0.6
87.5°	0.0
90°	0.0

(END OF REPORT)