

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: P1245676

Luminaire Tested: P3A02R259024DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245676
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: P3A02R259024DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

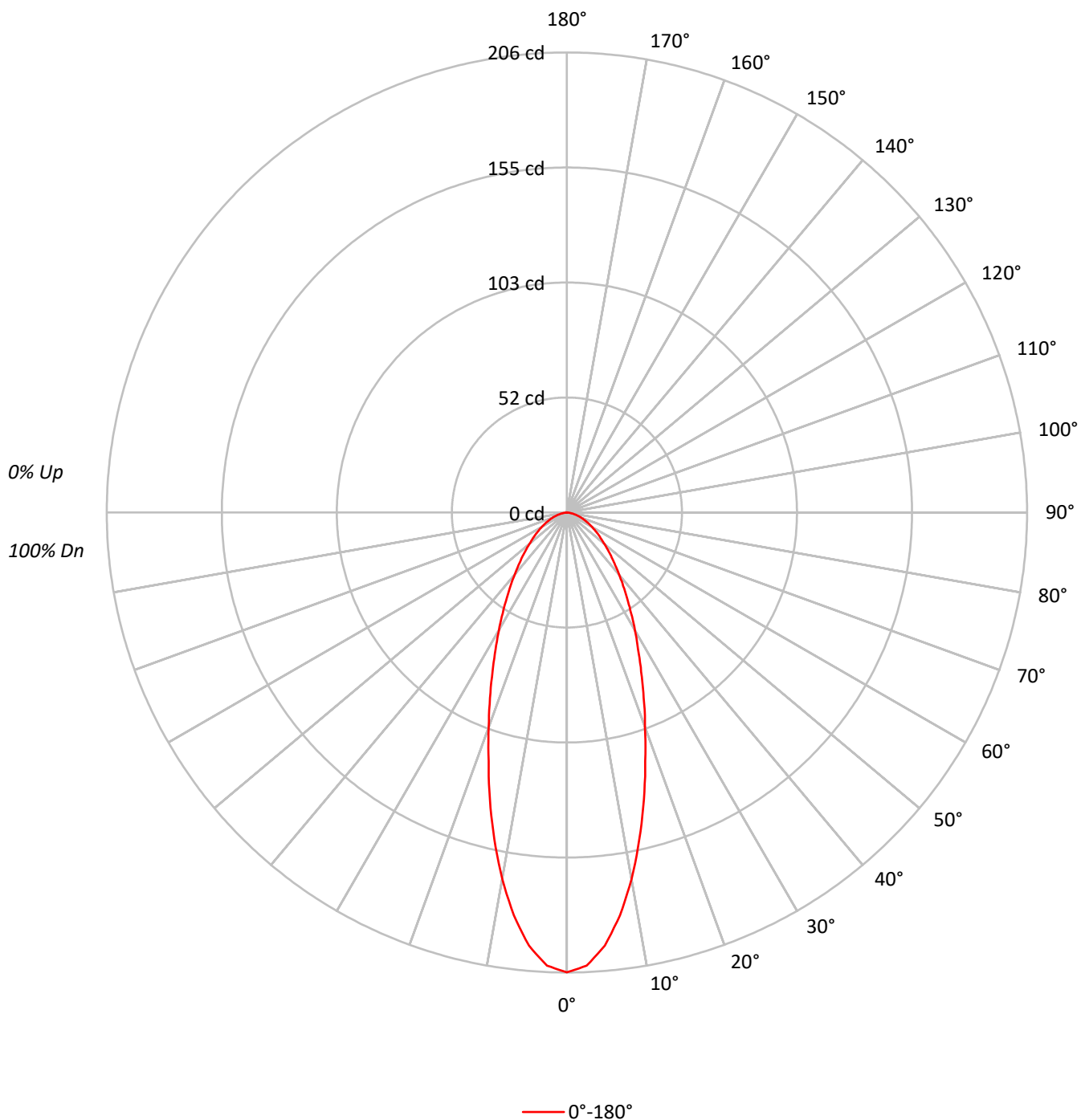
Lumens per Lamp: N/A
Luminaire Lumens: 173.0 lumens
Efficiency: N/A
Efficacy: 48.1 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	92	92	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	82	82	80
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	74	74	72
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	67	67	65
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	61	61	59
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	56	56	55
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	52	52	50
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	48	48	47
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	45	45	44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	42	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	45150
5°	42857
10°	37118
15°	30216
20°	23872
25°	19041
30°	15420
35°	12582
40°	10420
45°	8776
50°	7437
55°	6537
60°	5745
65°	4981
70°	4360
75°	3728
80°	2778
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8776 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.7	10.2
10°-20°	36.9	21.3
20°-30°	36.4	21.0
30°-40°	29.6	17.1
40°-50°	22.0	12.7
50°-60°	15.3	8.9
60°-70°	9.6	5.5
70°-80°	4.6	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°	91.0	52.6
0°-40°	120.6	69.7
0°-60°	157.9	91.3
0°-90°	173.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	173.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	206	
5°	195	18
15°	133	37
25°	79	36
35°	47	30
45°	28	22
55°	17	15
65°	10	10
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	205.9
2.5°	203.1
5°	194.7
7.5°	181.9
10°	166.7
12.5°	149.9
15°	133.1
17.5°	116.6
20°	102.3
22.5°	89.9
25°	78.7
27.5°	69.0
30°	60.9
32.5°	53.5
35°	47.0
37.5°	41.4
40°	36.4
42.5°	32.0
45°	28.3
47.5°	24.9
50°	21.8
52.5°	19.3
55°	17.1
57.5°	14.9
60°	13.1
62.5°	11.2
65°	9.6
67.5°	8.1
70°	6.8
72.5°	5.6
75°	4.4
77.5°	3.1
80°	2.2
82.5°	1.2
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)