

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: P1273660

Luminaire Tested: P3A09R259830DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273660
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: P3A09R259830DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

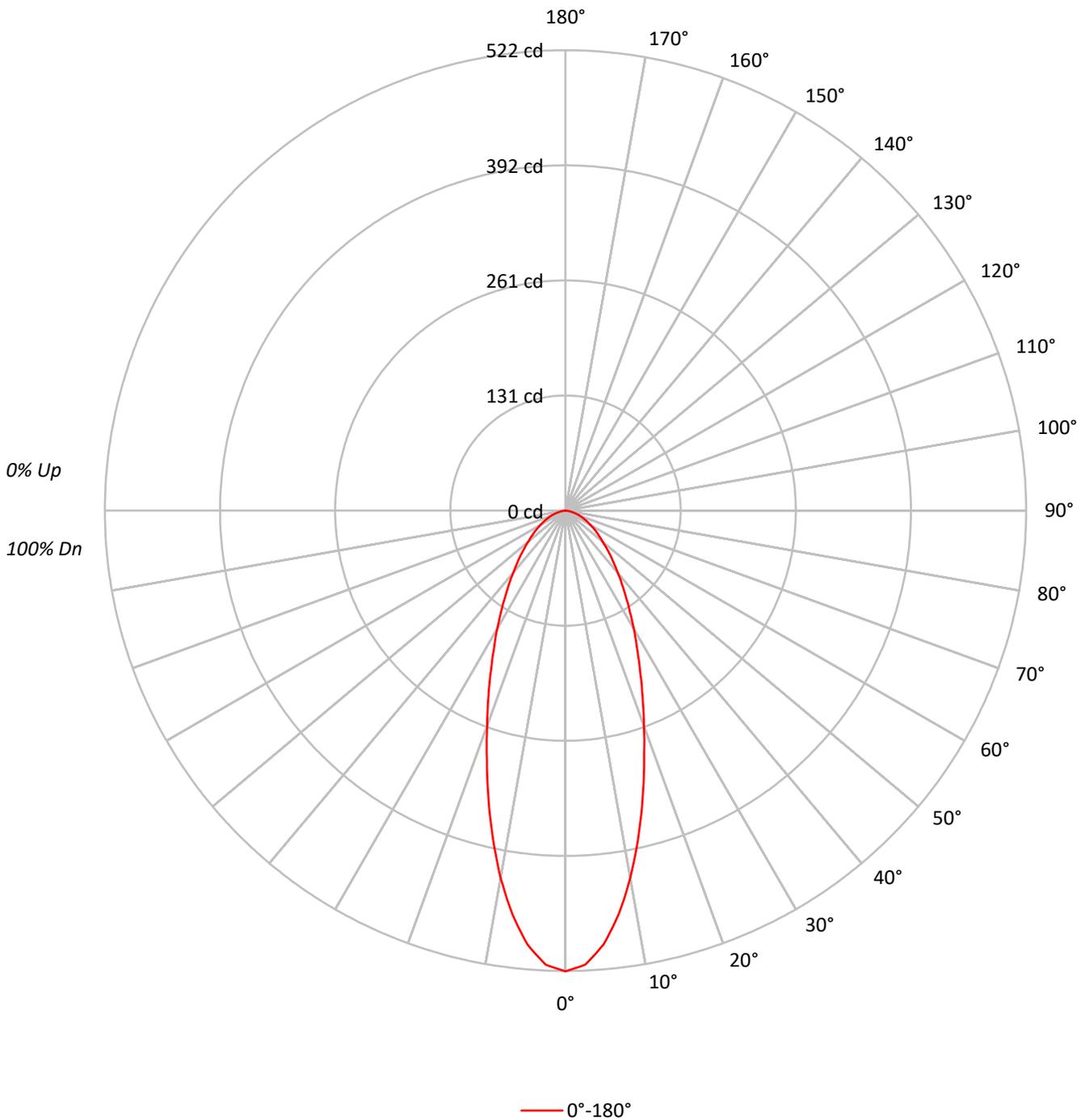
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 439.0 lumens
Efficiency: N/A
Efficacy: 39.9 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): 11
Input Voltage (V): NR
Input Current (A_{in}): 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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	95	93	92	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	80	77	74	72
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	74	70	67	65
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	69	65	61	59
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	65	60	56	55
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	61	56	52	50
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	57	52	48	47
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	51	46	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	114552
5°	108738
10°	94164
15°	76663
20°	60579
25°	48293
30°	39171
35°	31882
40°	26421
45°	22266
50°	18831
55°	16592
60°	14516
65°	12712
70°	11156
75°	9320
80°	6945
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 22266 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.9	10.2
10°-20°	93.6	21.3
20°-30°	92.3	21.0
30°-40°	75.1	17.1
40°-50°	55.7	12.7
50°-60°	38.9	8.9
60°-70°	24.4	5.6
70°-80°	11.7	2.7
80°-90°	2.3	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°	230.8	52.6
0°-40°	305.9	69.7
0°-60°	400.6	91.3
0°-90°	439.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	439.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	522	
5°	494	45
15°	338	94
25°	200	92
35°	119	75
45°	72	56
55°	43	39
65°	24	24
75°	11	12
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	522.4
2.5°	515.3
5°	494.0
7.5°	461.6
10°	422.9
12.5°	380.3
15°	337.7
17.5°	295.9
20°	259.6
22.5°	228.0
25°	199.6
27.5°	175.2
30°	154.7
32.5°	135.7
35°	119.1
37.5°	104.9
40°	92.3
42.5°	81.3
45°	71.8
47.5°	63.1
50°	55.2
52.5°	48.9
55°	43.4
57.5°	37.9
60°	33.1
62.5°	28.4
65°	24.5
67.5°	20.5
70°	17.4
72.5°	14.2
75°	11.0
77.5°	7.9
80°	5.5
82.5°	3.2
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)