

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: P1264579

Luminaire Tested: P3A09R159730DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264579
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R159730DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

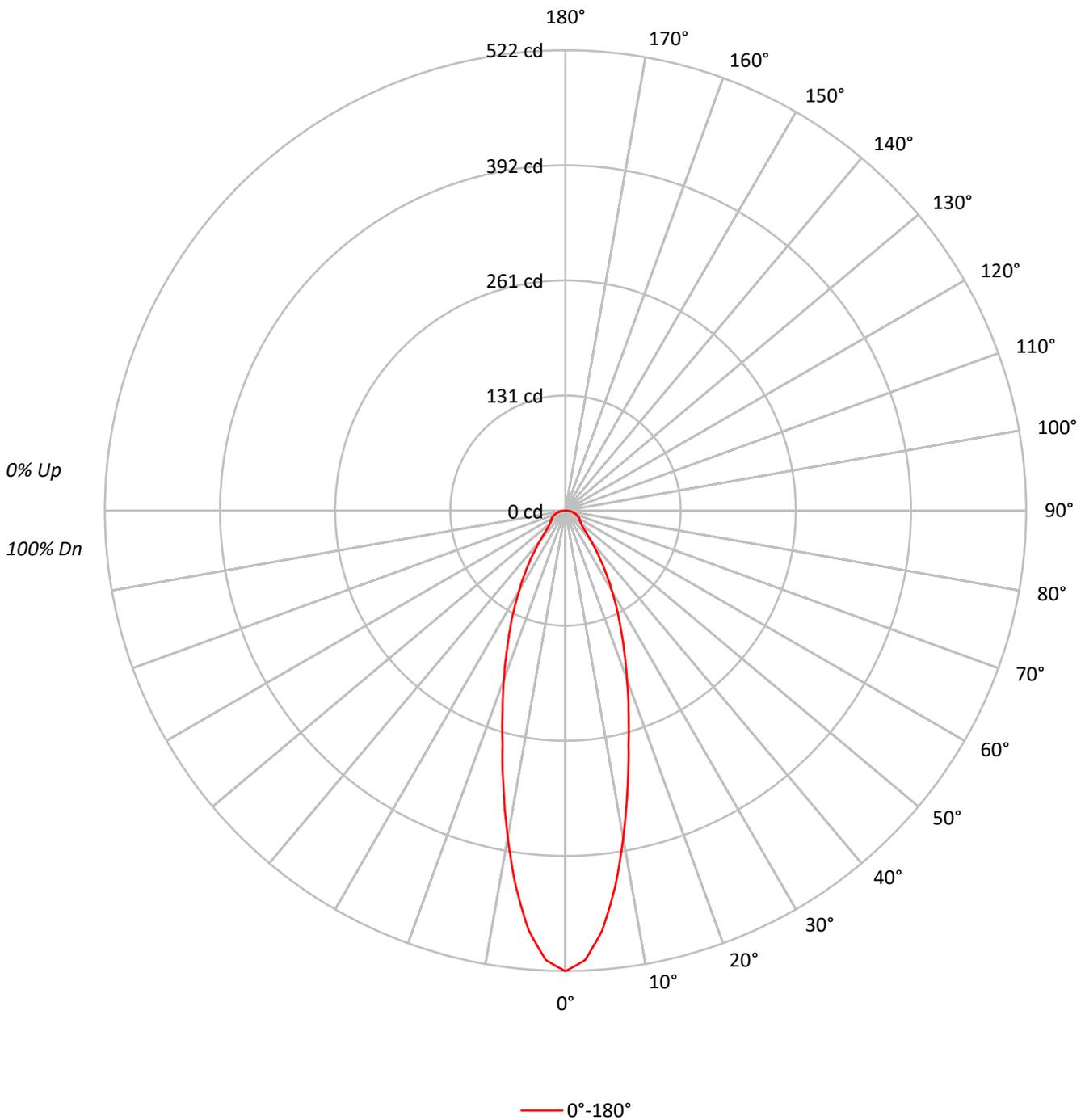
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 306.0 lumens
Efficiency: N/A
Efficacy: 27.6 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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				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	100				100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90				90
2	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	81				81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74				74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68				68
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	63				63
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59				59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52				52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49				49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	114530
5°	105151
10°	83788
15°	62611
20°	47557
25°	36002
30°	26637
35°	19033
40°	13024
45°	9117
50°	7744
55°	7608
60°	7894
65°	8354
70°	8527
75°	8811
80°	9597
85°	9561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 11088 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.3	13.8
10°-20°	77.4	25.3
20°-30°	68.5	22.4
30°-40°	44.9	14.7
40°-50°	24.0	7.8
50°-60°	18.1	5.9
60°-70°	15.6	5.1
70°-80°	10.8	3.5
80°-90°	4.4	1.4
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°	188.2	61.5
0°-40°	233.1	76.2
0°-60°	275.2	90.0
0°-90°	306.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	306.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	522	
5°	478	42
15°	276	77
25°	149	69
35°	71	45
45°	29	24
55°	20	18
65°	16	16
75°	10	11
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	522.3
2.5°	510.0
5°	477.7
7.5°	430.4
10°	376.3
12.5°	324.2
15°	275.8
17.5°	237.0
20°	203.8
22.5°	174.4
25°	148.8
27.5°	126.1
30°	105.2
32.5°	87.2
35°	71.1
37.5°	56.9
40°	45.5
42.5°	36.0
45°	29.4
47.5°	25.6
50°	22.7
52.5°	21.8
55°	19.9
57.5°	19.0
60°	18.0
62.5°	17.1
65°	16.1
67.5°	14.2
70°	13.3
72.5°	11.4
75°	10.4
77.5°	8.5
80°	7.6
82.5°	6.6
85°	3.8
87.5°	1.9
90°	0.0

(END OF REPORT)