

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: P1262168

Luminaire Tested: P3AS09R109727DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262168
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: P3AS09R109727DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 2700K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

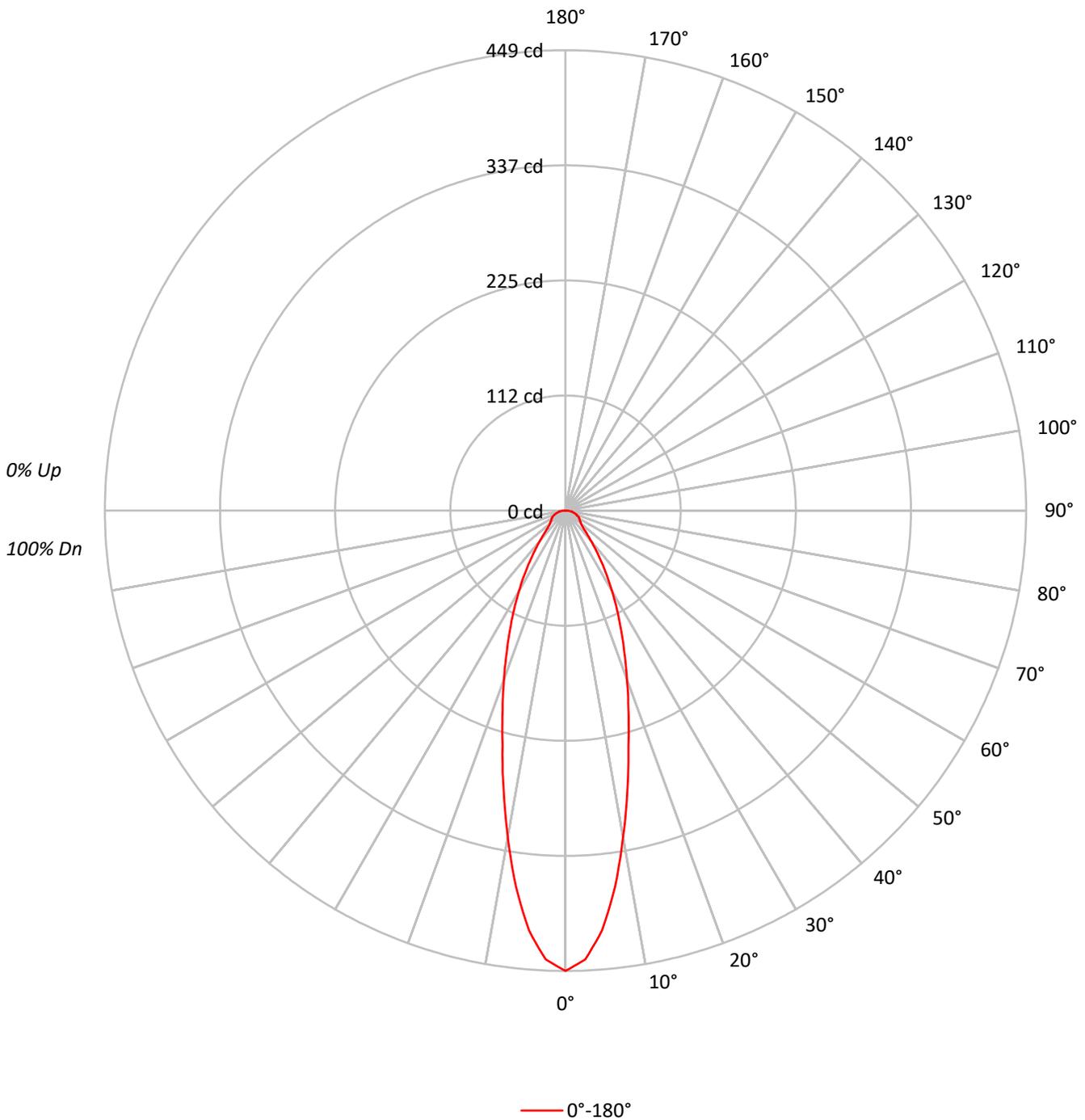
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 263.1 lumens
Efficiency: N/A
Efficacy: 21.0 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): 12.5
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°	98435
5°	90381
10°	72009
15°	53826
20°	40884
25°	30945
30°	22890
35°	16356
40°	11192
45°	7846
50°	6686
55°	6537
60°	6798
65°	7212
70°	7309
75°	7625
80°	8208
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 9576 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.4	13.8
10°-20°	66.5	25.3
20°-30°	58.9	22.4
30°-40°	38.6	14.7
40°-50°	20.6	7.8
50°-60°	15.6	5.9
60°-70°	13.4	5.1
70°-80°	9.3	3.5
80°-90°	3.8	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°	161.8	61.5
0°-40°	200.4	76.2
0°-60°	236.6	89.9
0°-90°	263.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	263.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	449	
5°	411	36
15°	237	66
25°	128	59
35°	61	39
45°	25	21
55°	17	16
65°	14	13
75°	9	9
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	448.9
2.5°	438.3
5°	410.6
7.5°	369.9
10°	323.4
12.5°	278.6
15°	237.1
17.5°	203.7
20°	175.2
22.5°	149.9
25°	127.9
27.5°	108.4
30°	90.4
32.5°	75.0
35°	61.1
37.5°	48.9
40°	39.1
42.5°	31.0
45°	25.3
47.5°	22.0
50°	19.6
52.5°	18.7
55°	17.1
57.5°	16.3
60°	15.5
62.5°	14.7
65°	13.9
67.5°	12.2
70°	11.4
72.5°	9.8
75°	9.0
77.5°	7.3
80°	6.5
82.5°	5.7
85°	3.3
87.5°	1.6
90°	0.0

(END OF REPORT)