

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: P1251044

Luminaire Tested: P3AS05R109030DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251044
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: P3AS05R109030DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

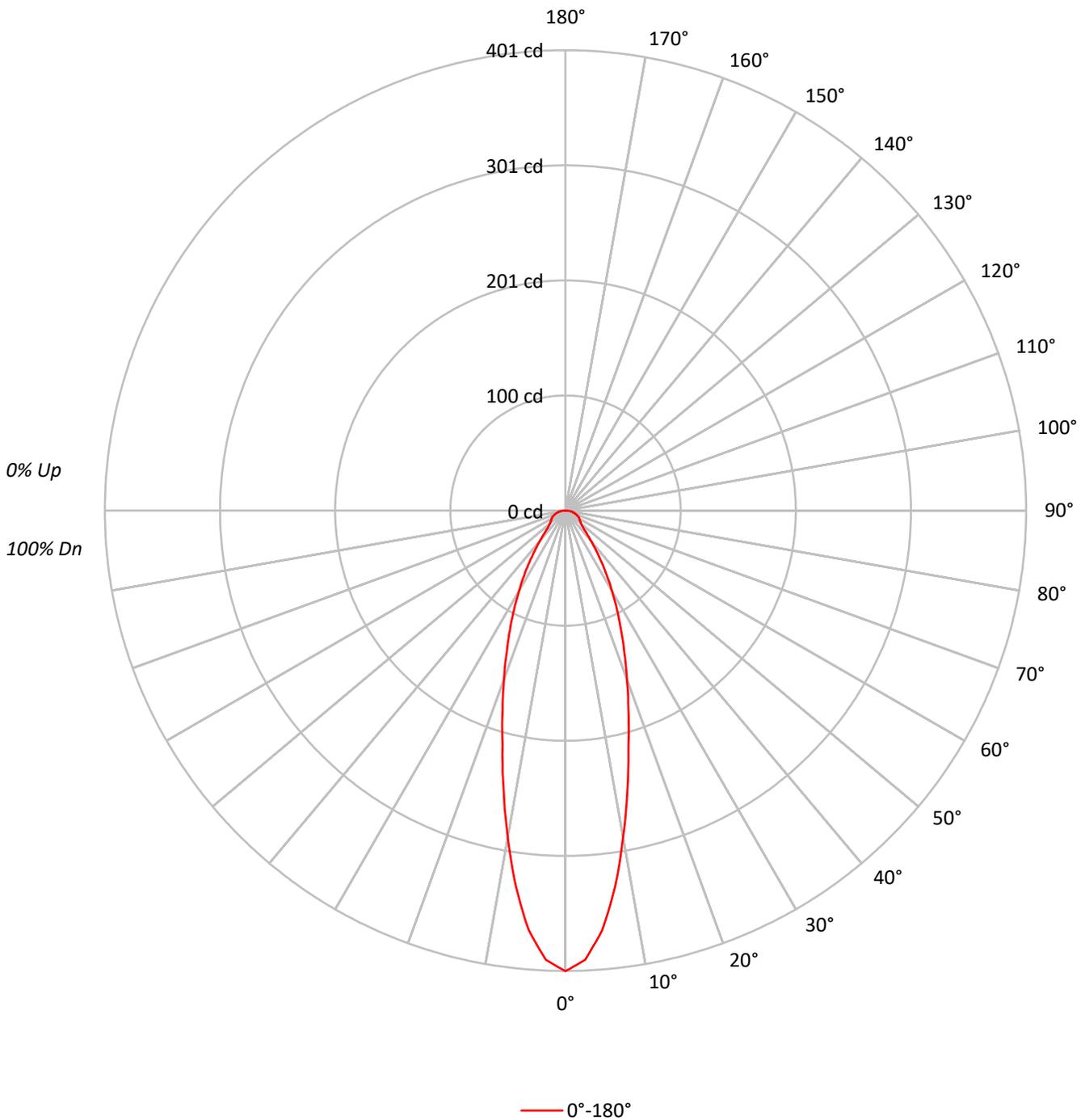
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 235.0 lumens
Efficiency: N/A
Efficacy: 29.7 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): 7.9
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	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	88	85	83	81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	82	79	76	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	77	73	70	68
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	72	68	65	63
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	68	64	60	59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	65	60	57	55
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	61	57	53	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	58	54	50	49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	56	51	48	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	87953
5°	80761
10°	64350
15°	48082
20°	36520
25°	27655
30°	20459
35°	14616
40°	9990
45°	7008
50°	5970
55°	5849
60°	6052
65°	6434
70°	6540
75°	6778
80°	7324
85°	7296

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 8568 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.5	13.8
10°-20°	59.4	25.3
20°-30°	52.6	22.4
30°-40°	34.5	14.7
40°-50°	18.4	7.8
50°-60°	13.9	5.9
60°-70°	12.0	5.1
70°-80°	8.3	3.5
80°-90°	3.4	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°	144.5	61.5
0°-40°	179.0	76.2
0°-60°	211.4	89.9
0°-90°	235.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	235.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	401	
5°	367	32
15°	212	59
25°	114	53
35°	55	34
45°	23	18
55°	15	14
65°	12	12
75°	8	8
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	401.1
2.5°	391.6
5°	366.9
7.5°	330.5
10°	289.0
12.5°	249.0
15°	211.8
17.5°	182.0
20°	156.5
22.5°	133.9
25°	114.3
27.5°	96.8
30°	80.8
32.5°	67.0
35°	54.6
37.5°	43.7
40°	34.9
42.5°	27.7
45°	22.6
47.5°	19.7
50°	17.5
52.5°	16.7
55°	15.3
57.5°	14.6
60°	13.8
62.5°	13.1
65°	12.4
67.5°	10.9
70°	10.2
72.5°	8.7
75°	8.0
77.5°	6.6
80°	5.8
82.5°	5.1
85°	2.9
87.5°	1.5
90°	0.0

(END OF REPORT)