

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: P1260712

Luminaire Tested: P3AS20R309050D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260712
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309050D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

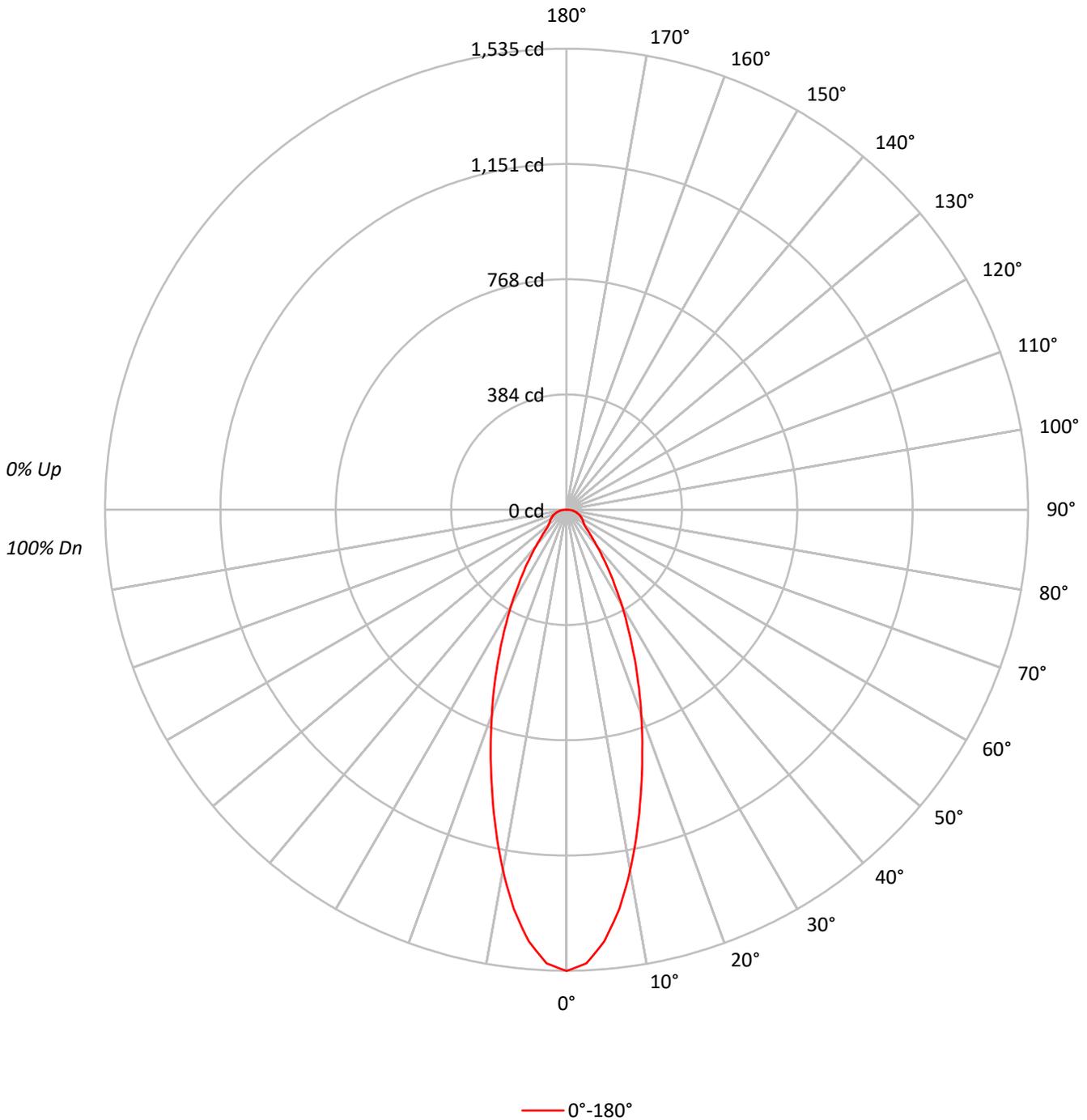
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1037.0 lumens
Efficiency: N/A
Efficacy: 36.0 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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			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			
1	112	108	105	102	109	106	103	101	102	100	97	98	96	94	95	93	92	90			
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74			
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68			
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	65	63			
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	59			
7	79	69	62	57	78	68	62	57	67	61	57	66	60	57	64	60	56	55			
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	51			
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	336684
5°	317477
10°	271382
15°	217481
20°	169531
25°	127483
30°	92976
35°	65531
40°	44941
45°	32189
50°	26336
55°	25423
60°	25656
65°	26254
70°	27312
75°	29314
80°	30181
85°	33462

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 35783 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	130.5	12.6
10°-20°	266.2	25.7
20°-30°	242.5	23.4
30°-40°	154.4	14.9
40°-50°	82.6	8.0
50°-60°	60.4	5.8
60°-70°	50.8	4.9
70°-80°	35.5	3.4
80°-90°	14.1	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°	639.2	61.6
0°-40°	793.6	76.5
0°-60°	936.7	90.3
0°-90°	1037.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1037.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1535	
5°	1442	131
15°	958	266
25°	527	243
35°	245	154
45°	104	83
55°	66	60
65°	51	51
75°	35	35
85°	13	14
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1535.4
2.5°	1511.5
5°	1442.3
7.5°	1341.2
10°	1218.8
12.5°	1088.4
15°	958.0
17.5°	838.2
20°	726.5
22.5°	622.7
25°	526.9
27.5°	441.7
30°	367.2
32.5°	298.0
35°	244.8
37.5°	194.3
40°	157.0
42.5°	125.1
45°	103.8
47.5°	85.2
50°	77.2
52.5°	71.8
55°	66.5
57.5°	63.9
60°	58.5
62.5°	55.9
65°	50.6
67.5°	47.9
70°	42.6
72.5°	37.3
75°	34.6
77.5°	29.3
80°	23.9
82.5°	21.3
85°	13.3
87.5°	5.3
90°	0.0

(END OF REPORT)