

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: P1286113

Luminaire Tested: P3AS02R309030D2WDE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286113
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: P3AS02R309030D2WDE010 E3PHLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

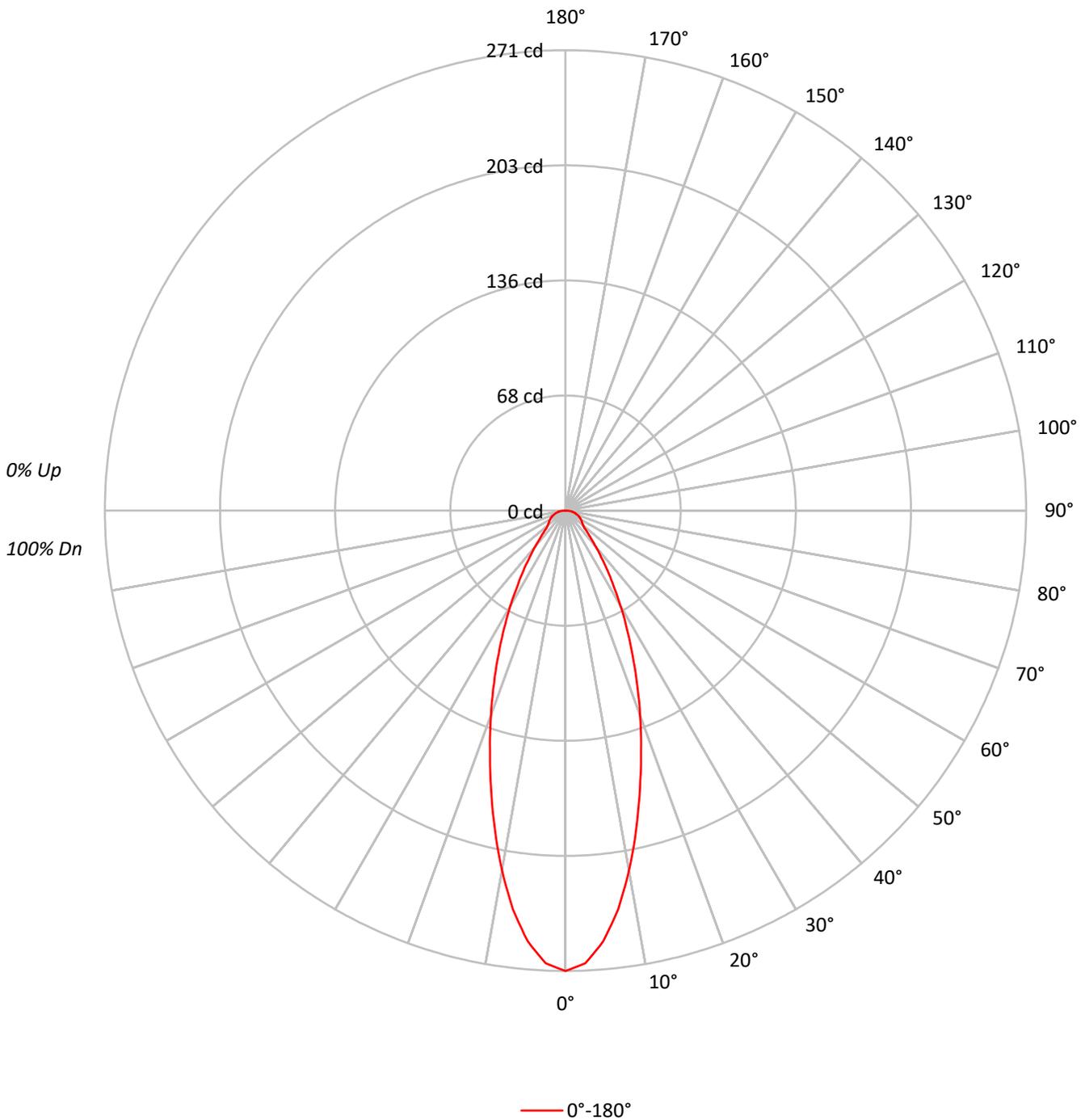
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 183.0 lumens
Efficiency: N/A
Efficacy: 25.4 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): 7.2
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°	59425
5°	56020
10°	47895
15°	38388
20°	29916
25°	22501
30°	16408
35°	11564
40°	7929
45°	5675
50°	4640
55°	4473
60°	4517
65°	4618
70°	4809
75°	5168
80°	5304
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 6384 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.0	12.6
10°-20°	47.0	25.7
20°-30°	42.8	23.4
30°-40°	27.2	14.9
40°-50°	14.6	8.0
50°-60°	10.7	5.8
60°-70°	9.0	4.9
70°-80°	6.3	3.4
80°-90°	2.5	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°	112.8	61.6
0°-40°	140.1	76.5
0°-60°	165.3	90.3
0°-90°	183.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	183.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	271	
5°	254	23
15°	169	47
25°	93	43
35°	43	27
45°	18	15
55°	12	11
65°	9	9
75°	6	6
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	271.0
2.5°	266.7
5°	254.5
7.5°	236.7
10°	215.1
12.5°	192.1
15°	169.1
17.5°	147.9
20°	128.2
22.5°	109.9
25°	93.0
27.5°	78.0
30°	64.8
32.5°	52.6
35°	43.2
37.5°	34.3
40°	27.7
42.5°	22.1
45°	18.3
47.5°	15.0
50°	13.6
52.5°	12.7
55°	11.7
57.5°	11.3
60°	10.3
62.5°	9.9
65°	8.9
67.5°	8.5
70°	7.5
72.5°	6.6
75°	6.1
77.5°	5.2
80°	4.2
82.5°	3.8
85°	2.3
87.5°	0.9
90°	0.0

(END OF REPORT)