

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: P1286803

Luminaire Tested: P3AS09R309030D2WDE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286803
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: P3AS09R309030D2WDE010 E3PHLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

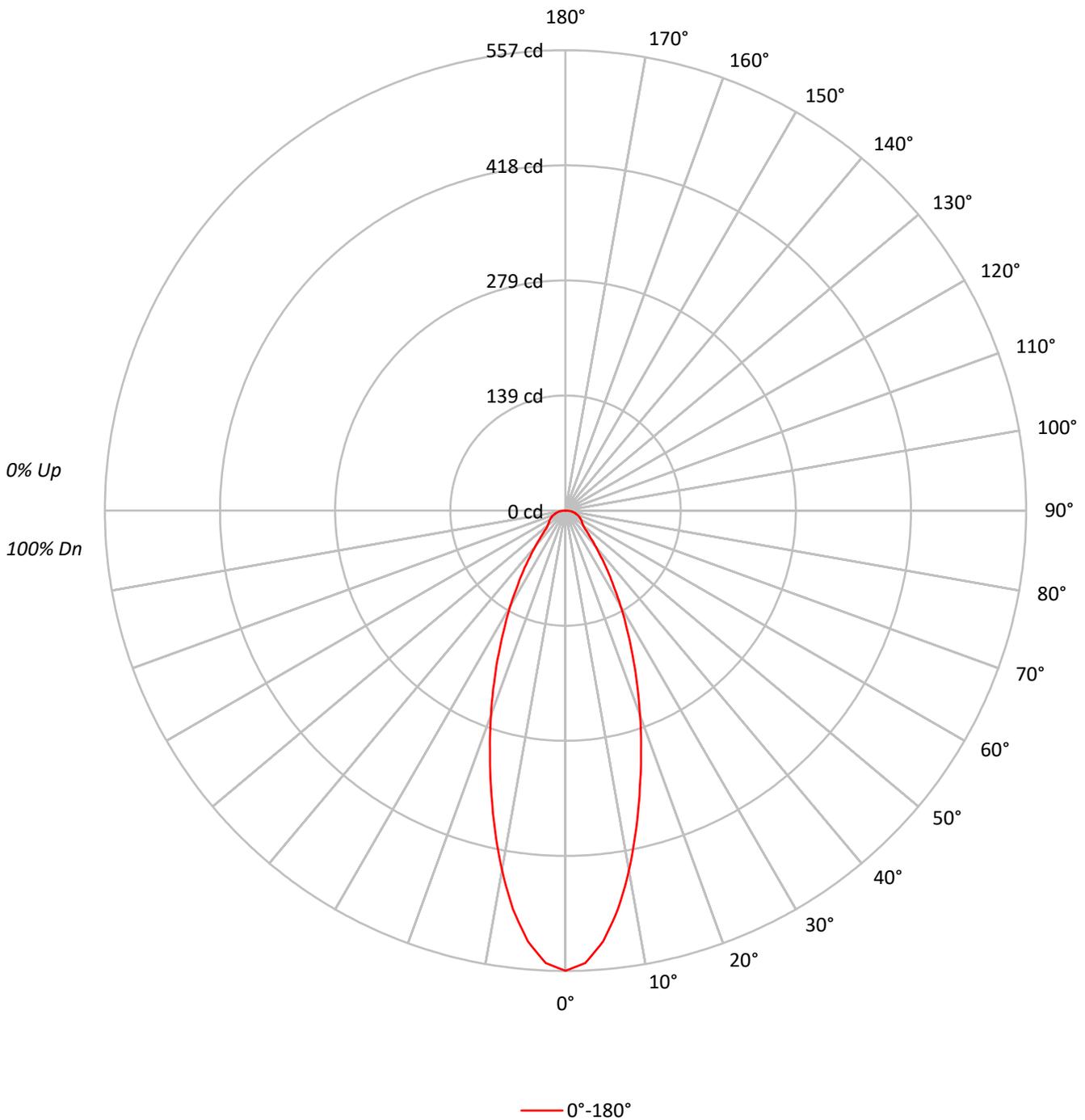
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 376.0 lumens
Efficiency: N/A
Efficacy: 25.6 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): 14.7
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				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	101	102	100	97	98	96	94	95	93	92	90				90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	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	66	76	70	66	74	69	65	72	68	65	63				63
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	59				59
7	79	69	62	58	78	68	62	57	67	61	57	66	60	57	64	60	56	55				55
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	51				51
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49				49
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	122074
5°	115122
10°	98395
15°	78865
20°	61465
25°	46212
30°	33727
35°	23771
40°	16288
45°	11660
50°	9552
55°	9214
60°	9298
65°	9495
70°	9873
75°	10590
80°	10986
85°	12077

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 12936 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.3	12.6
10°-20°	96.5	25.7
20°-30°	87.9	23.4
30°-40°	56.0	14.9
40°-50°	29.9	8.0
50°-60°	21.9	5.8
60°-70°	18.4	4.9
70°-80°	12.8	3.4
80°-90°	5.1	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°	231.8	61.6
0°-40°	287.8	76.5
0°-60°	339.6	90.3
0°-90°	376.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	376.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	557	
5°	523	47
15°	347	97
25°	191	88
35°	89	56
45°	38	30
55°	24	22
65°	18	18
75°	12	13
85°	5	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	556.7
2.5°	548.0
5°	523.0
7.5°	486.3
10°	441.9
12.5°	394.6
15°	347.4
17.5°	303.9
20°	263.4
22.5°	225.8
25°	191.0
27.5°	160.2
30°	133.2
32.5°	108.1
35°	88.8
37.5°	70.4
40°	56.9
42.5°	45.3
45°	37.6
47.5°	30.9
50°	28.0
52.5°	26.1
55°	24.1
57.5°	23.2
60°	21.2
62.5°	20.3
65°	18.3
67.5°	17.4
70°	15.4
72.5°	13.5
75°	12.5
77.5°	10.6
80°	8.7
82.5°	7.7
85°	4.8
87.5°	1.9
90°	0.0

(END OF REPORT)