

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: P1266580

Luminaire Tested: P3A05R159735DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266580
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: P3A05R159735DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

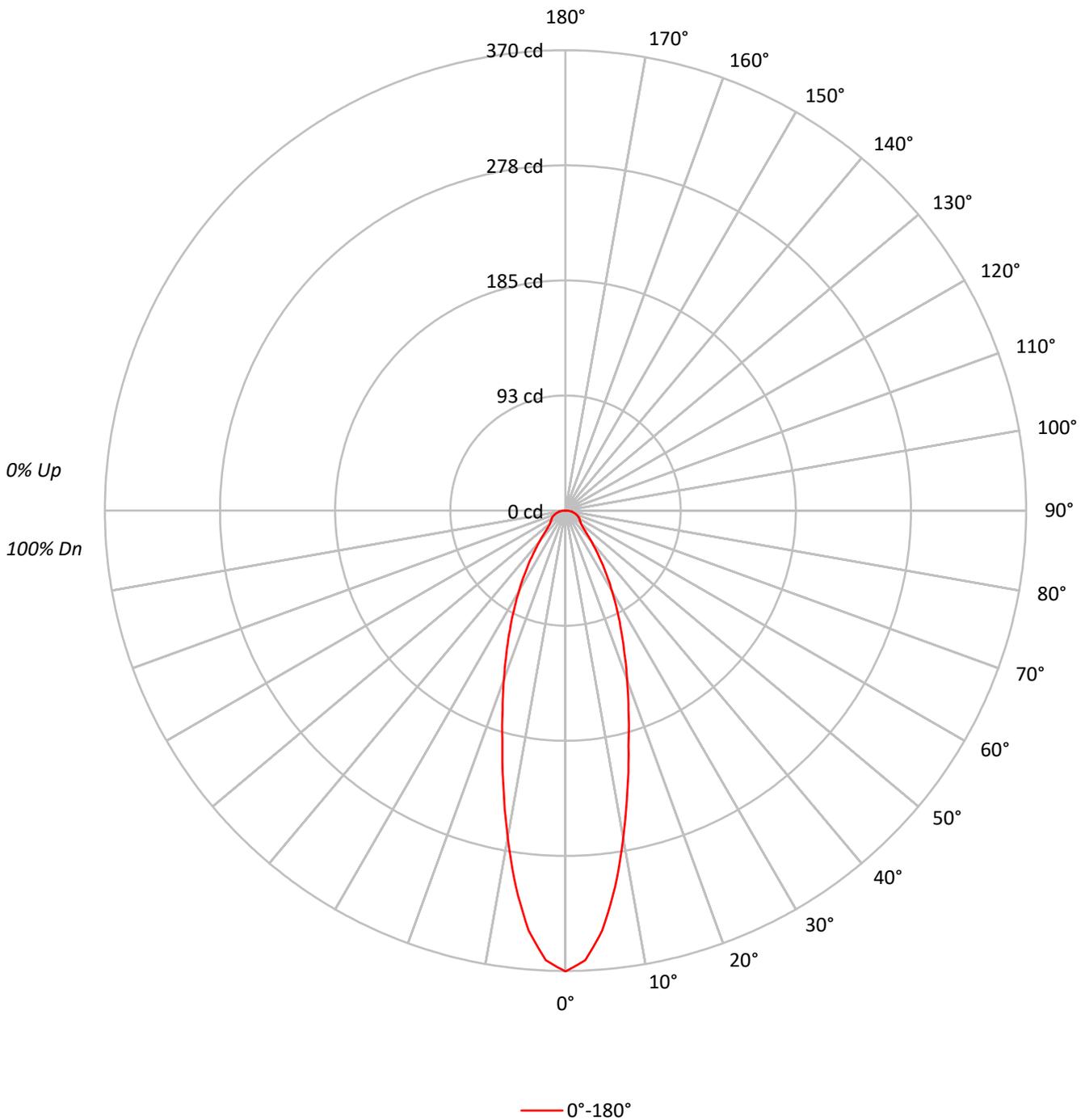
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 216.9 lumens
Efficiency: N/A
Efficacy: 30.1 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): 7.2
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	72	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°	81222
5°	74576
10°	59429
15°	44404
20°	33720
25°	25526
30°	18889
35°	13492
40°	9246
45°	6450
50°	5492
55°	5390
60°	5614
65°	5915
70°	6027
75°	6270
80°	6819
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 7896 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.0	13.8
10°-20°	54.9	25.3
20°-30°	48.6	22.4
30°-40°	31.8	14.7
40°-50°	17.0	7.8
50°-60°	12.9	5.9
60°-70°	11.1	5.1
70°-80°	7.6	3.5
80°-90°	3.1	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°	133.5	61.5
0°-40°	165.3	76.2
0°-60°	195.1	90.0
0°-90°	216.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	216.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	370	
5°	339	30
15°	196	55
25°	106	49
35°	50	32
45°	21	17
55°	14	13
65°	11	11
75°	7	8
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	370.4
2.5°	361.7
5°	338.8
7.5°	305.2
10°	266.9
12.5°	229.9
15°	195.6
17.5°	168.1
20°	144.5
22.5°	123.7
25°	105.5
27.5°	89.4
30°	74.6
32.5°	61.8
35°	50.4
37.5°	40.3
40°	32.3
42.5°	25.5
45°	20.8
47.5°	18.1
50°	16.1
52.5°	15.5
55°	14.1
57.5°	13.4
60°	12.8
62.5°	12.1
65°	11.4
67.5°	10.1
70°	9.4
72.5°	8.1
75°	7.4
77.5°	6.0
80°	5.4
82.5°	4.7
85°	2.7
87.5°	1.3
90°	0.0

(END OF REPORT)