

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: P1253813

Luminaire Tested: P3AS05R159035DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253813
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R159035DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

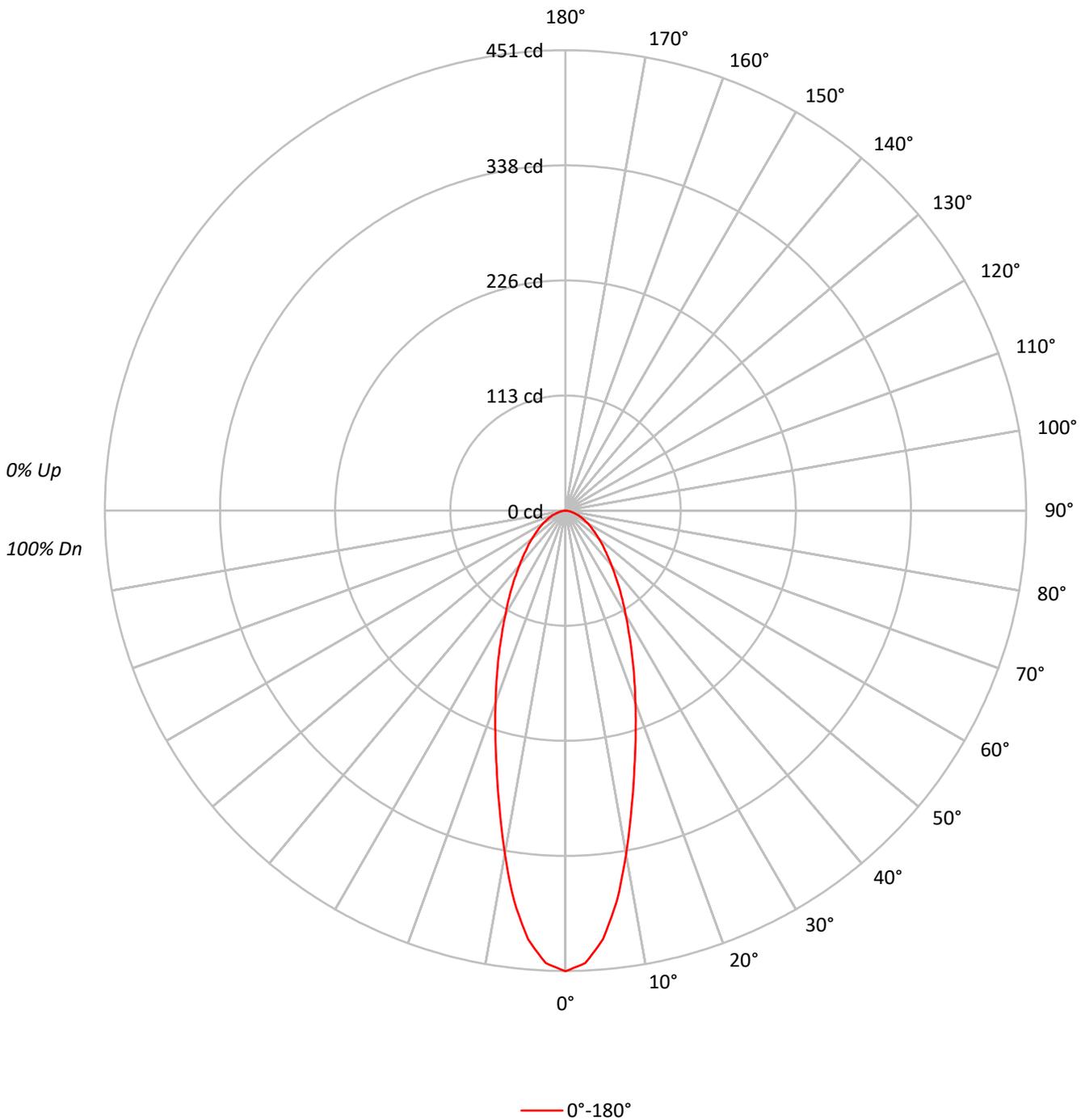
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 340.0 lumens
Efficiency: N/A
Efficacy: 47.2 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
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				
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	100	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90	90	90	90
2	104	98	93	89	102	97	92	88	93	89	86	90	87	84	87	85	82	80	80	80	80
3	98	90	84	79	96	88	83	78	85	81	77	83	79	75	81	77	74	72	72	72	72
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	66	66	66	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	60	60	60	60
6	81	71	63	58	79	70	63	58	68	62	58	67	61	57	65	60	57	55	55	55	55
7	77	66	59	54	75	65	58	54	64	58	53	62	57	53	61	56	53	51	51	51	51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47	47	47	47
9	69	58	51	47	68	57	51	46	56	50	46	55	50	46	54	49	46	44	44	44	44
10	65	54	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42	42	42	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	98939
5°	92758
10°	76062
15°	59092
20°	46647
25°	37163
30°	29827
35°	24360
40°	20066
45°	16870
50°	14498
55°	12540
60°	11139
65°	9651
70°	8591
75°	6947
80°	5683
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16870 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.6	11.1
10°-20°	72.9	21.4
20°-30°	70.9	20.8
30°-40°	57.3	16.8
40°-50°	42.5	12.5
50°-60°	29.7	8.7
60°-70°	18.6	5.5
70°-80°	8.8	2.6
80°-90°	1.6	0.5
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°	181.4	53.4
0°-40°	238.7	70.2
0°-60°	310.9	91.5
0°-90°	340.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	340.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	451	
5°	421	38
15°	260	73
25°	154	71
35°	91	57
45°	54	43
55°	33	30
65°	19	19
75°	8	9
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	451.2
2.5°	443.8
5°	421.4
7.5°	385.6
10°	341.6
12.5°	298.3
15°	260.3
17.5°	228.2
20°	199.9
22.5°	175.3
25°	153.6
27.5°	134.2
30°	117.8
32.5°	103.7
35°	91.0
37.5°	79.8
40°	70.1
42.5°	61.9
45°	54.4
47.5°	48.5
50°	42.5
52.5°	37.3
55°	32.8
57.5°	29.1
60°	25.4
62.5°	21.6
65°	18.6
67.5°	15.7
70°	13.4
72.5°	10.4
75°	8.2
77.5°	6.0
80°	4.5
82.5°	2.2
85°	1.5
87.5°	0.0
90°	0.0

(END OF REPORT)