

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: P1253871

Luminaire Tested: P3AS05R259035DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253871
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259035DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

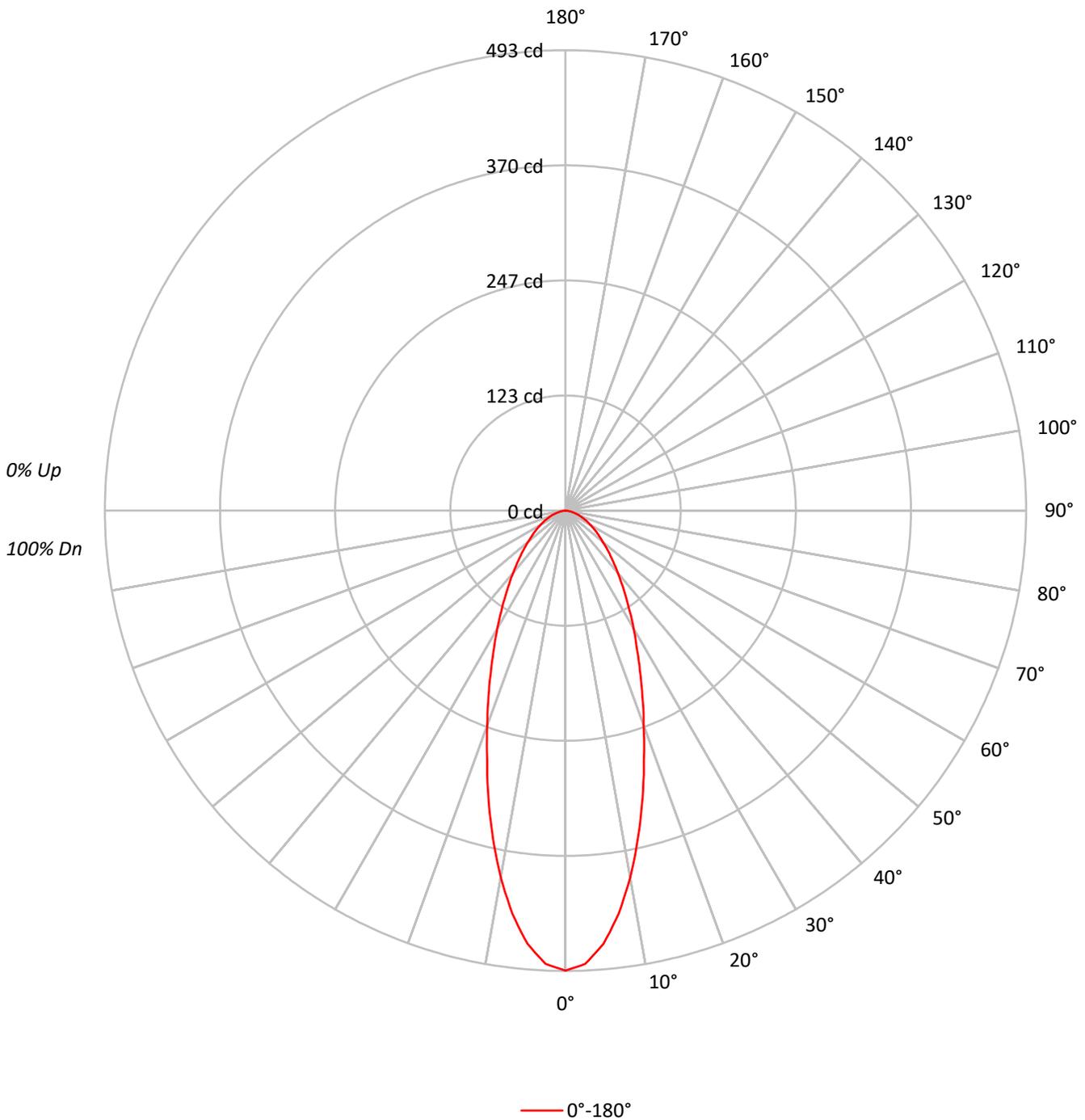
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 414.0 lumens
Efficiency: N/A
Efficacy: 57.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
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
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	100	102	99	97	98	96	94	95	93	92	90		
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80		
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72		
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	65		
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	59		
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	55		
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	50		
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47		
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44		
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	41		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	108018
5°	102531
10°	88820
15°	72305
20°	57125
25°	45559
30°	36942
35°	30089
40°	24932
45°	20994
50°	17773
55°	15636
60°	13727
65°	11986
70°	10515
75°	8811
80°	6566
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 20994 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.3	10.2
10°-20°	88.3	21.3
20°-30°	87.1	21.0
30°-40°	70.9	17.1
40°-50°	52.6	12.7
50°-60°	36.7	8.9
60°-70°	23.0	5.6
70°-80°	11.1	2.7
80°-90°	2.1	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°	217.7	52.6
0°-40°	288.6	69.7
0°-60°	377.8	91.3
0°-90°	414.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	414.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	493	
5°	466	42
15°	318	88
25°	188	87
35°	112	71
45°	68	53
55°	41	37
65°	23	23
75°	10	11
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	492.6
2.5°	485.9
5°	465.8
7.5°	435.3
10°	398.9
12.5°	358.7
15°	318.5
17.5°	279.1
20°	244.8
22.5°	215.1
25°	188.3
27.5°	165.2
30°	145.9
32.5°	128.0
35°	112.4
37.5°	99.0
40°	87.1
42.5°	76.6
45°	67.7
47.5°	59.5
50°	52.1
52.5°	46.1
55°	40.9
57.5°	35.7
60°	31.3
62.5°	26.8
65°	23.1
67.5°	19.3
70°	16.4
72.5°	13.4
75°	10.4
77.5°	7.4
80°	5.2
82.5°	3.0
85°	1.5
87.5°	0.7
90°	0.0

(END OF REPORT)