

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: P1256570

Luminaire Tested: P3AS05R259040DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256570
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259040DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

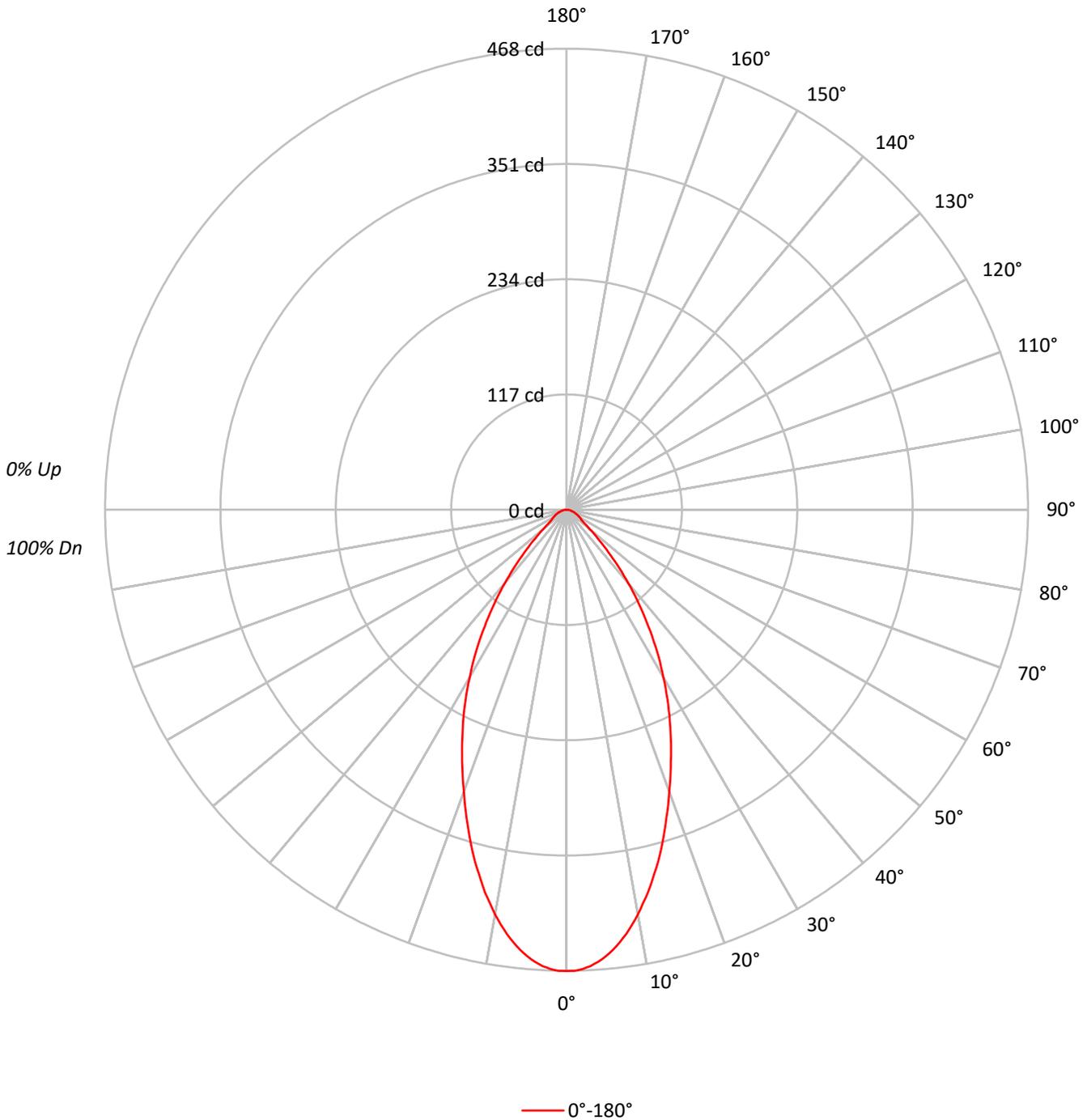
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 431.9 lumens
Efficiency: N/A
Efficacy: 60.0 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
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	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91			
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76			
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70			
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	102667
5°	100220
10°	92873
15°	82702
20°	71080
25°	60415
30°	49729
35°	38762
40°	27881
45°	17676
50°	10473
55°	7187
60°	6622
65°	6123
70°	5514
75°	4999
80°	4799
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 17676 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.2	9.8
10°-20°	101.1	23.4
20°-30°	114.3	26.5
30°-40°	90.4	20.9
40°-50°	45.7	10.6
50°-60°	18.3	4.2
60°-70°	11.7	2.7
70°-80°	6.4	1.5
80°-90°	1.8	0.4
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°	257.6	59.6
0°-40°	348.0	80.6
0°-60°	412.0	95.4
0°-90°	431.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	431.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	468	
5°	455	42
15°	364	101
25°	250	114
35°	145	90
45°	57	46
55°	19	18
65°	12	12
75°	6	6
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	468.2
1°	468.2
2°	466.6
3°	463.9
4°	460.1
5°	455.3
6°	449.4
7°	442.4
8°	434.9
9°	426.2
10°	417.1
11°	406.9
12°	397.2
13°	385.9
14°	375.1
15°	364.3
17.5°	334.2
20°	304.6
22.5°	276.6
25°	249.7
27.5°	223.3
30°	196.4
32.5°	171.1
35°	144.8
37.5°	120.6
40°	97.4
42.5°	75.9
45°	57.0
47.5°	42.5
50°	30.7
52.5°	23.1
55°	18.8
57.5°	17.2
60°	15.1
62.5°	13.5
65°	11.8
67.5°	10.2
70°	8.6
72.5°	7.5
75°	5.9
77.5°	4.8
80°	3.8
82.5°	2.7
85°	1.6
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)