

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: P1251037

Luminaire Tested: P3AS05R109030DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251037
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R109030DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R10 optic, 3000K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

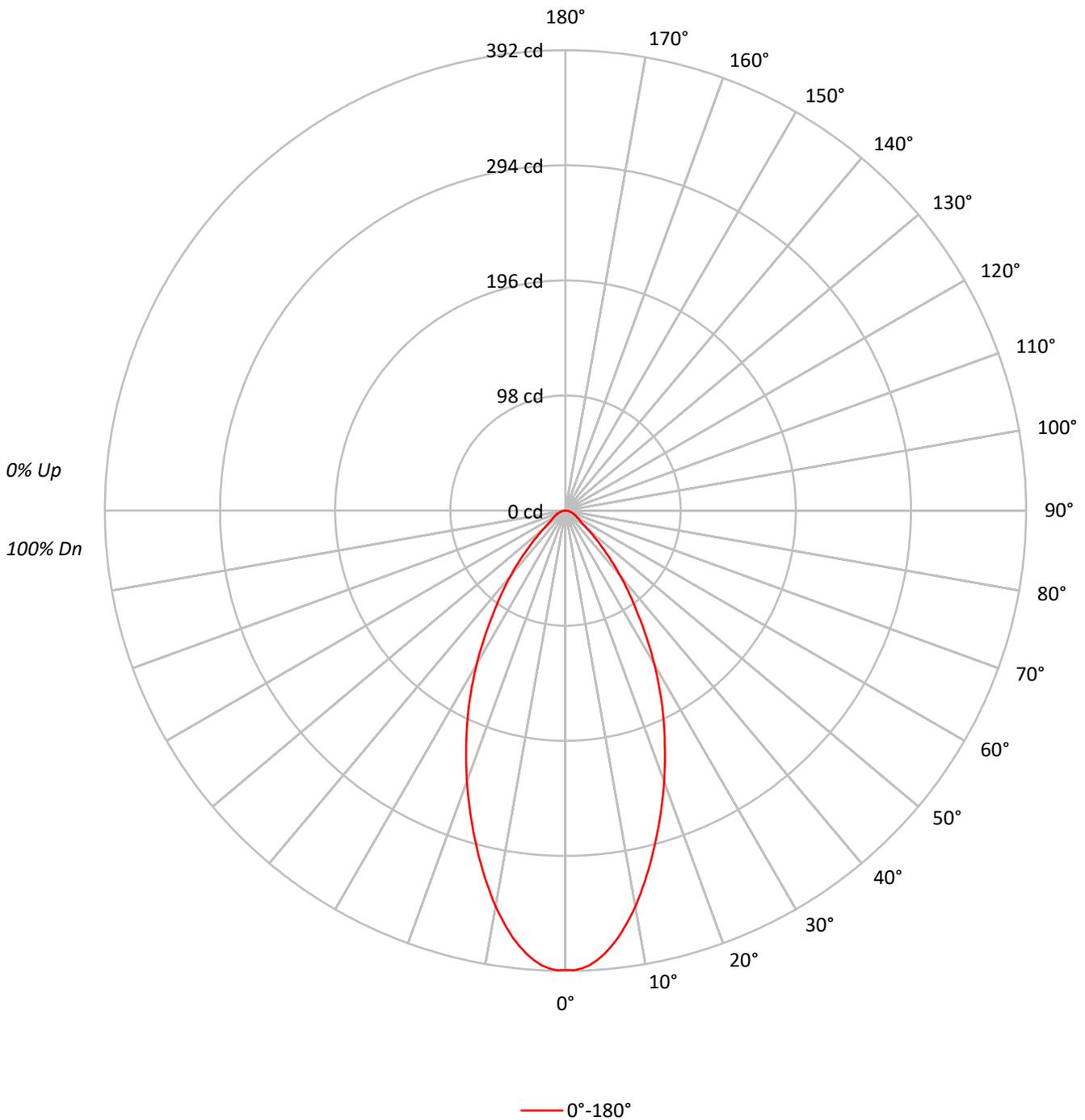
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 340.0 lumens
Efficiency: N/A
Efficacy: 43.0 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.9
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			100
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91			91
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83			83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76			76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70			70
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	69	66	65			65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60			60
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56			56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52			52
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	57	51	47	57	51	47	56	51	47	55	50	47	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	85761
5°	83425
10°	76240
15°	66788
20°	57288
25°	47833
30°	38284
35°	28723
40°	20839
45°	13614
50°	8529
55°	5773
60°	5087
65°	4670
70°	4424
75°	3982
80°	3788
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 13614 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.0	10.3
10°-20°	82.0	24.1
20°-30°	90.3	26.6
30°-40°	67.7	19.9
40°-50°	35.1	10.3
50°-60°	14.5	4.3
60°-70°	9.0	2.6
70°-80°	5.1	1.5
80°-90°	1.5	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°	207.3	61.0
0°-40°	274.9	80.9
0°-60°	324.5	95.4
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°	391	
5°	379	35
15°	294	82
25°	198	90
35°	107	68
45°	44	35
55°	15	15
65°	9	9
75°	5	5
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	391.1
1°	391.5
2°	390.2
3°	387.7
4°	383.8
5°	379.0
6°	373.0
7°	366.5
8°	358.8
9°	350.6
10°	342.4
12.5°	318.7
15°	294.2
17.5°	269.6
20°	245.5
22.5°	221.0
25°	197.7
27.5°	174.4
30°	151.2
32.5°	128.4
35°	107.3
37.5°	89.2
40°	72.8
42.5°	57.7
45°	43.9
47.5°	33.2
50°	25.0
52.5°	18.5
55°	15.1
57.5°	13.4
60°	11.6
62.5°	10.3
65°	9.0
67.5°	7.8
70°	6.9
72.5°	5.6
75°	4.7
77.5°	3.9
80°	3.0
82.5°	2.2
85°	1.3
87.5°	0.4
90°	0.0

(END OF REPORT)