

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: P1257202

Luminaire Tested: P3AS09R709040DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257202
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R709040DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

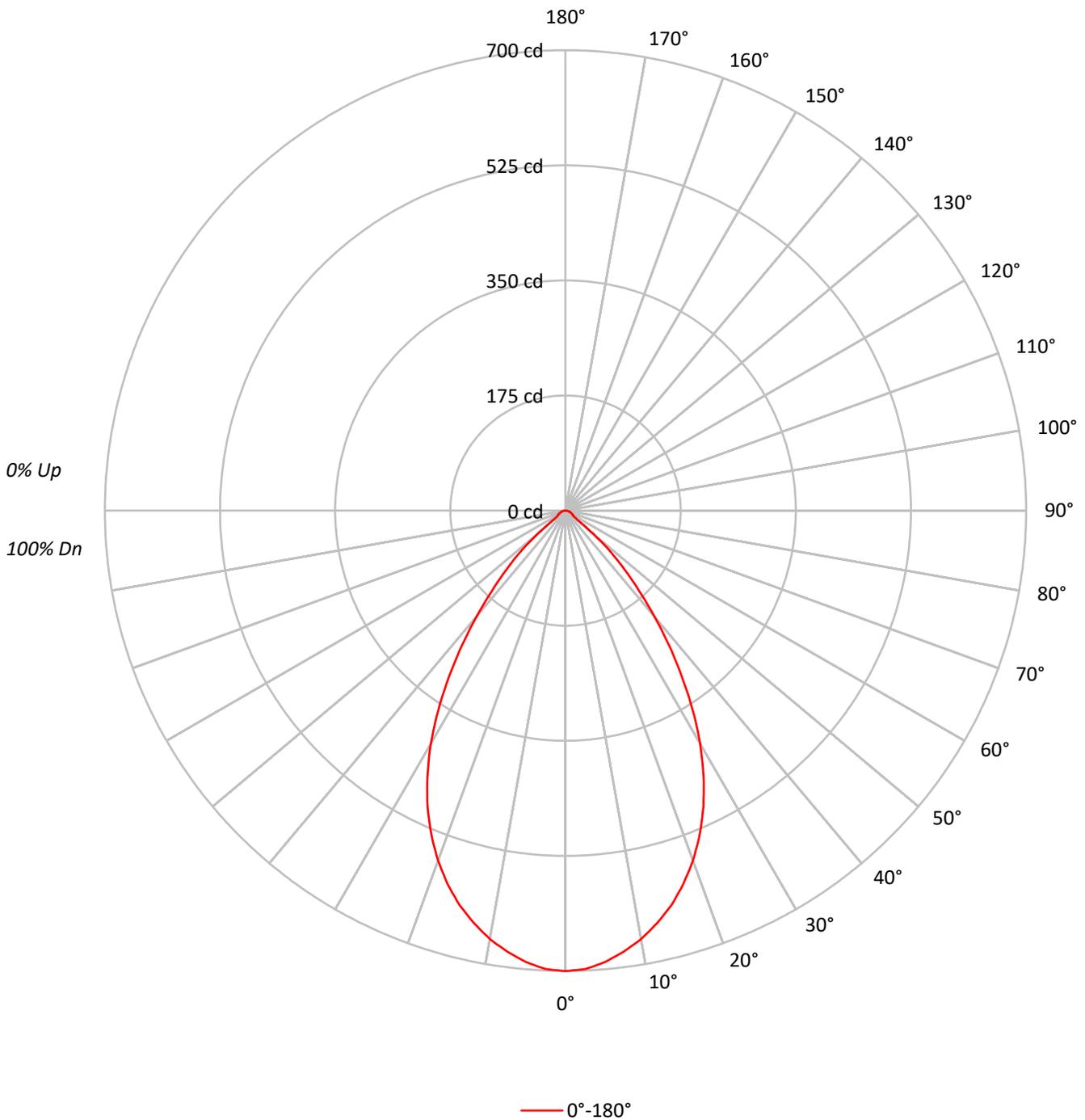
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 793.0 lumens
Efficiency: N/A
Efficacy: 71.4 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92			92
2	106	101	96	93	104	99	95	92	96	92	90	93	90	88	90	88	86	84			84
3	100	93	88	83	98	92	87	82	89	85	81	86	83	80	84	81	79	77			77
4	94	86	80	75	93	85	79	75	83	78	74	81	76	73	79	75	72	70			70
5	89	80	73	69	87	79	73	68	77	72	68	75	71	67	74	70	66	65			65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60			60
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	65	58	53	74	64	58	53	63	57	53	62	57	53	61	56	53	51			51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			48
10	67	57	50	46	66	56	50	46	55	50	46	55	49	46	54	49	46	44			44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	153518
5°	151684
10°	147292
15°	141045
20°	132125
25°	120031
30°	103687
35°	82637
40°	60198
45°	39570
50°	18524
55°	5735
60°	5526
65°	5292
70°	5065
75°	5338
80°	4925
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 39570 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.9	8.2
10°-20°	173.9	21.9
20°-30°	226.0	28.5
30°-40°	191.8	24.2
40°-50°	98.9	12.5
50°-60°	19.1	2.4
60°-70°	10.3	1.3
70°-80°	6.3	0.8
80°-90°	1.8	0.2
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°	464.8	58.6
0°-40°	656.6	82.8
0°-60°	774.5	97.7
0°-90°	793.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	793.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	700	
5°	689	65
15°	621	174
25°	496	226
35°	309	192
45°	128	99
55°	15	19
65°	10	10
75°	6	6
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	700.1
2.5°	697.7
5°	689.1
7.5°	676.5
10°	661.5
12.5°	642.6
15°	621.3
17.5°	595.4
20°	566.2
22.5°	533.1
25°	496.1
27.5°	454.4
30°	409.5
32.5°	359.9
35°	308.7
37.5°	258.3
40°	210.3
42.5°	165.4
45°	127.6
47.5°	93.7
50°	54.3
52.5°	23.6
55°	15.0
57.5°	14.2
60°	12.6
62.5°	11.8
65°	10.2
67.5°	9.5
70°	7.9
72.5°	7.1
75°	6.3
77.5°	4.7
80°	3.9
82.5°	2.4
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)