

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: P1261708

Luminaire Tested: P3AS02R709727DE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261708
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-48)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R709727DE010 E3D1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 97CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

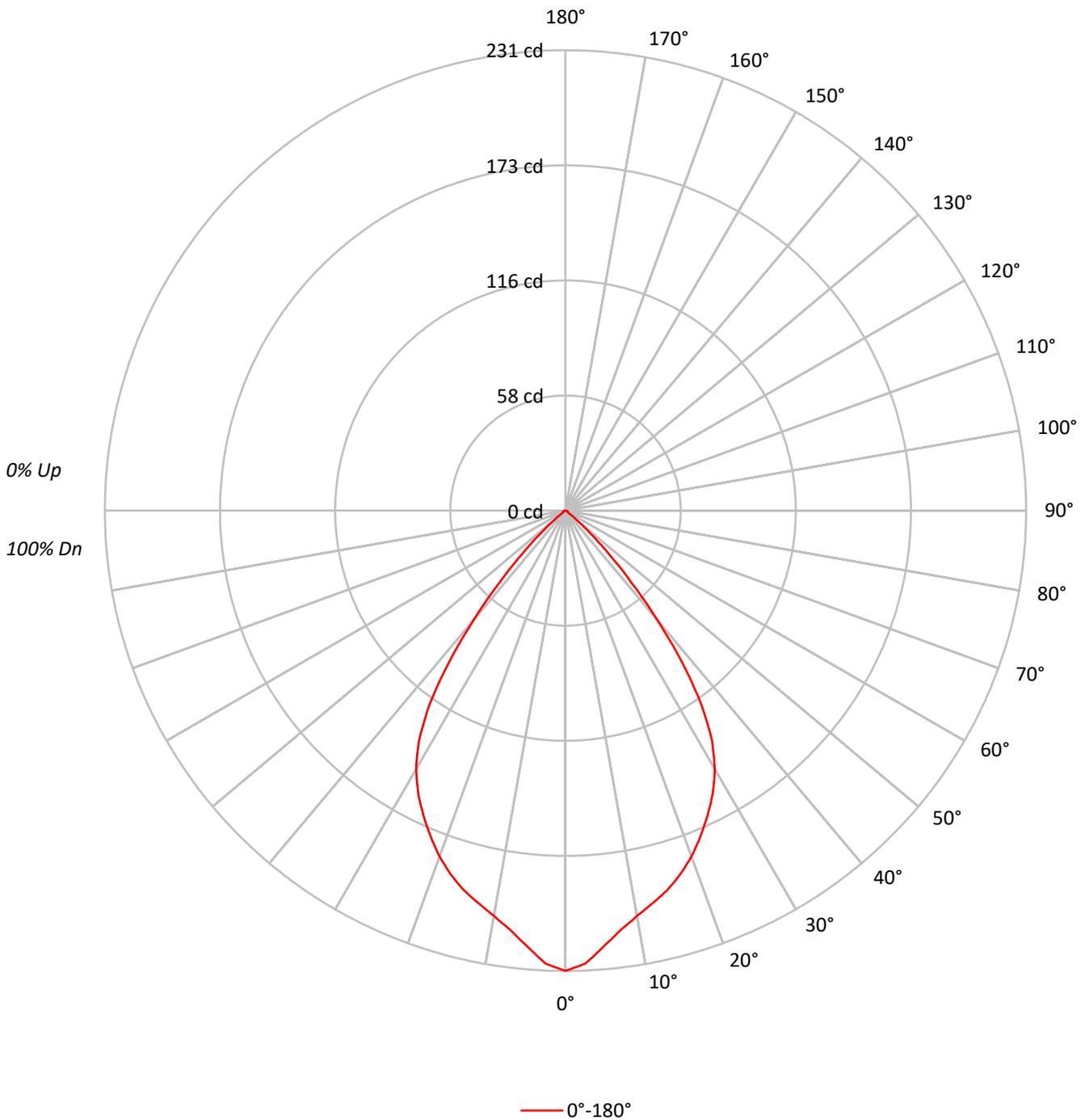
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 254.9 lumens
Efficiency: N/A
Efficacy: 70.8 lumens/watt
Spacing Criteria (0/90/45): 1.01 / 1.01 / 1.03
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			
2	107	102	97	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	82	80	78			
4	95	87	81	77	94	86	81	76	84	79	75	82	78	75	80	77	74	72			
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61			
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57			
8	76	66	59	55	75	65	59	55	64	58	55	63	58	54	62	57	54	53			
9	72	62	55	51	71	61	55	51	60	55	51	59	54	50	58	54	50	49			
10	68	58	52	47	67	57	51	47	57	51	47	56	51	47	55	50	47	46			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	50632
5°	48316
10°	45980
15°	44745
20°	43100
25°	40793
30°	37930
35°	31855
40°	20524
45°	9551
50°	2490
55°	612
60°	614
65°	519
70°	513
75°	508
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9551 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.6	8.1
10°-20°	55.4	21.7
20°-30°	77.4	30.4
30°-40°	71.7	28.1
40°-50°	25.7	10.1
50°-60°	2.1	0.8
60°-70°	1.1	0.4
70°-80°	0.7	0.3
80°-90°	0.3	0.1
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°	153.3	60.1
0°-40°	225.1	88.3
0°-60°	252.9	99.2
0°-90°	254.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	254.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	231	
5°	220	21
15°	197	55
25°	169	77
35°	119	72
45°	31	26
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	230.9
2.5°	227.5
5°	219.5
7.5°	212.2
10°	206.5
12.5°	201.8
15°	197.1
17.5°	191.4
20°	184.7
22.5°	176.9
25°	168.6
27.5°	160.0
30°	149.8
32.5°	136.8
35°	119.0
37.5°	96.4
40°	71.7
42.5°	48.9
45°	30.8
47.5°	17.1
50°	7.3
52.5°	2.4
55°	1.6
57.5°	1.4
60°	1.4
62.5°	1.2
65°	1.0
67.5°	1.0
70°	0.8
72.5°	0.8
75°	0.6
77.5°	0.6
80°	0.4
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)