

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: P1286748

Luminaire Tested: P3AS09R259030D2WDE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286748
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R259030D2WDE010 E3D1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3D1MM TRIM
Light Source: -
Ballast/Driver: -

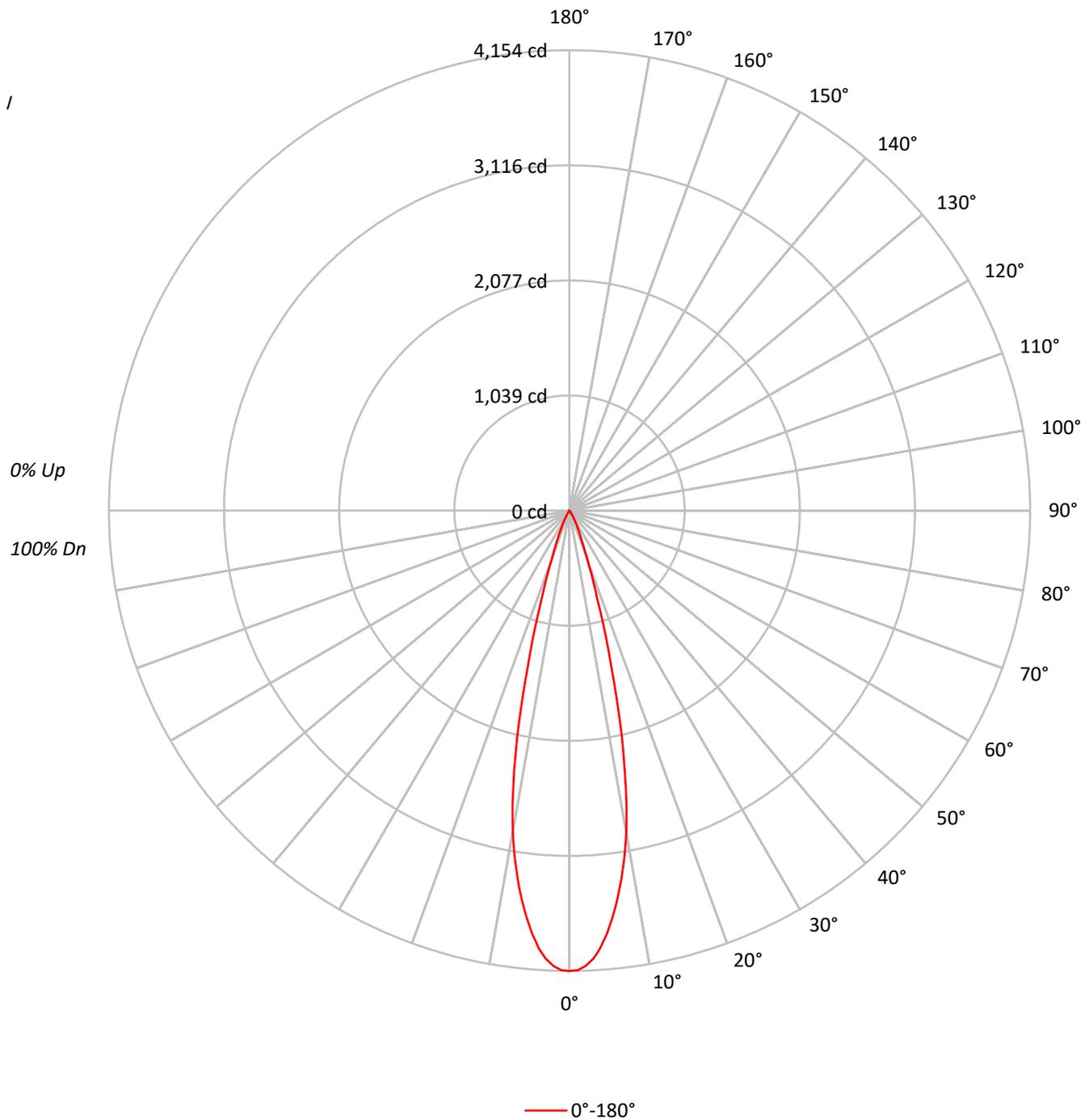
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 852.0 lumens
Efficiency: N/A
Efficacy: 58.0 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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	99	99	100
1	115	113	111	110	113	111	109	108	107	106	105	103	103	102	100	99	99	97	97	97	97
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	96	96	96	94
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92	92
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	89	89	89
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	87	87	87
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	86	85	85	85	85
7	97	91	88	85	96	91	87	85	90	87	84	89	86	84	88	85	83	83	83	83	83
8	95	89	85	83	94	89	85	82	88	84	82	87	84	82	86	83	81	81	81	81	81
9	93	87	83	80	92	86	83	80	86	82	80	85	82	80	84	82	80	79	79	79	79
10	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	80	78	77	77	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	910914
5°	844836
10°	655187
15°	328538
20°	107926
25°	42922
30°	16104
35°	4658
40°	2118
45°	837
50°	682
55°	497
60°	570
65°	675
70°	449
75°	593
80°	884
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 884 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	337.6	39.6
10°-20°	402.8	47.3
20°-30°	90.8	10.7
30°-40°	14.7	1.7
40°-50°	2.7	0.3
50°-60°	1.4	0.2
60°-70°	1.2	0.1
70°-80°	0.7	0.1
80°-90°	0.1	0.0
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°	831.2	97.6
0°-40°	845.9	99.3
0°-60°	850.0	99.8
0°-90°	852.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	852.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4154	
5°	3838	338
15°	1447	403
25°	177	91
35°	17	15
45°	3	3
55°	1	1
65°	1	1
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	4154.1
1°	4147.4
2°	4113.9
3°	4052.3
4°	3959.3
5°	3838.1
6°	3693.6
7°	3536.9
8°	3357.5
9°	3161.4
10°	2942.5
11°	2690.2
12°	2399.7
13°	2095.8
14°	1769.8
15°	1447.2
17.5°	824.7
20°	462.5
22.5°	279.1
25°	177.4
27.5°	109.1
30°	63.6
32.5°	33.5
35°	17.4
37.5°	11.4
40°	7.4
42.5°	4.7
45°	2.7
47.5°	2.0
50°	2.0
52.5°	2.0
55°	1.3
57.5°	1.3
60°	1.3
62.5°	1.3
65°	1.3
67.5°	1.3
70°	0.7
72.5°	0.7
75°	0.7
77.5°	0.7
80°	0.7
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)