

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: P1261002

Luminaire Tested: P3AS24R259050D010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261002
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: P3AS24R259050D010 E3D1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

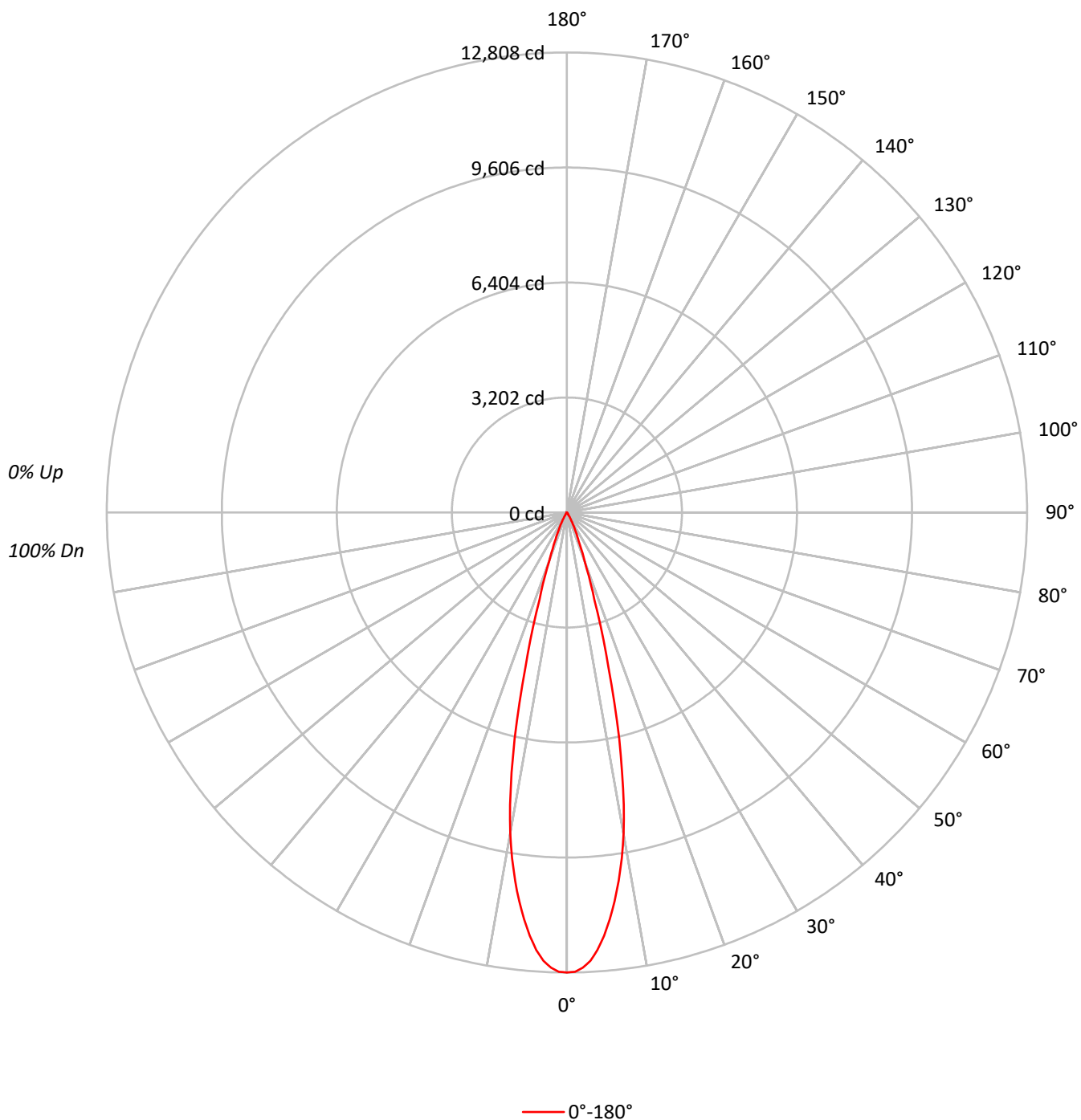
Lumens per Lamp: N/A
Luminaire Lumens: 2627.0 lumens
Efficiency: N/A
Efficacy: 91.2 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	109	108	107	106	105	103	103	102	100	99	99	97	96	96
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	93	93
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	91	91
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	88	88
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	86	86
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	86	85	84	84
7	97	91	88	85	96	91	87	85	90	87	84	89	86	84	88	85	83	83	82	82
8	95	89	85	83	94	89	85	82	88	84	82	87	84	82	86	83	81	81	80	80
9	93	87	83	80	92	86	83	80	86	82	80	85	82	80	84	82	80	79	78	78
10	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	80	78	77	76	76

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2808635
5°	2604946
10°	2020181
15°	1012968
20°	332786
25°	132322
30°	49653
35°	14375
40°	6498
45°	2574
50°	2115
55°	1567
60°	1798
65°	2127
70°	1346
75°	1779
80°	2652
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 2652 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1040.9	39.6
10°-20°	1241.9	47.3
20°-30°	280.0	10.7
30°-40°	45.4	1.7
40°-50°	8.2	0.3
50°-60°	4.4	0.2
60°-70°	3.8	0.1
70°-80°	2.2	0.1
80°-90°	0.3	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°	2562.7	97.6
0°-40°	2608.1	99.3
0°-60°	2620.7	99.8
0°-90°	2627.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2627.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	12808	
5°	11834	###
15°	4462	1242
25°	547	280
35°	54	45
45°	8	8
55°	4	4
65°	4	4
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	12808.4
1°	12787.8
2°	12684.6
3°	12494.7
4°	12207.9
5°	11834.3
6°	11388.5
7°	10905.5
8°	10352.4
9°	9747.7
10°	9072.8
11°	8294.7
12°	7399.0
13°	6462.0
14°	5456.9
15°	4462.1
17.5°	2542.7
20°	1426.1
22.5°	860.6
25°	546.9
27.5°	336.4
30°	196.1
32.5°	103.2
35°	53.7
37.5°	35.1
40°	22.7
42.5°	14.4
45°	8.3
47.5°	6.2
50°	6.2
52.5°	6.2
55°	4.1
57.5°	4.1
60°	4.1
62.5°	4.1
65°	4.1
67.5°	4.1
70°	2.1
72.5°	2.1
75°	2.1
77.5°	2.1
80°	2.1
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)