

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: P1250286

Luminaire Tested: P3AS24R259027D010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250286
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R259027D010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

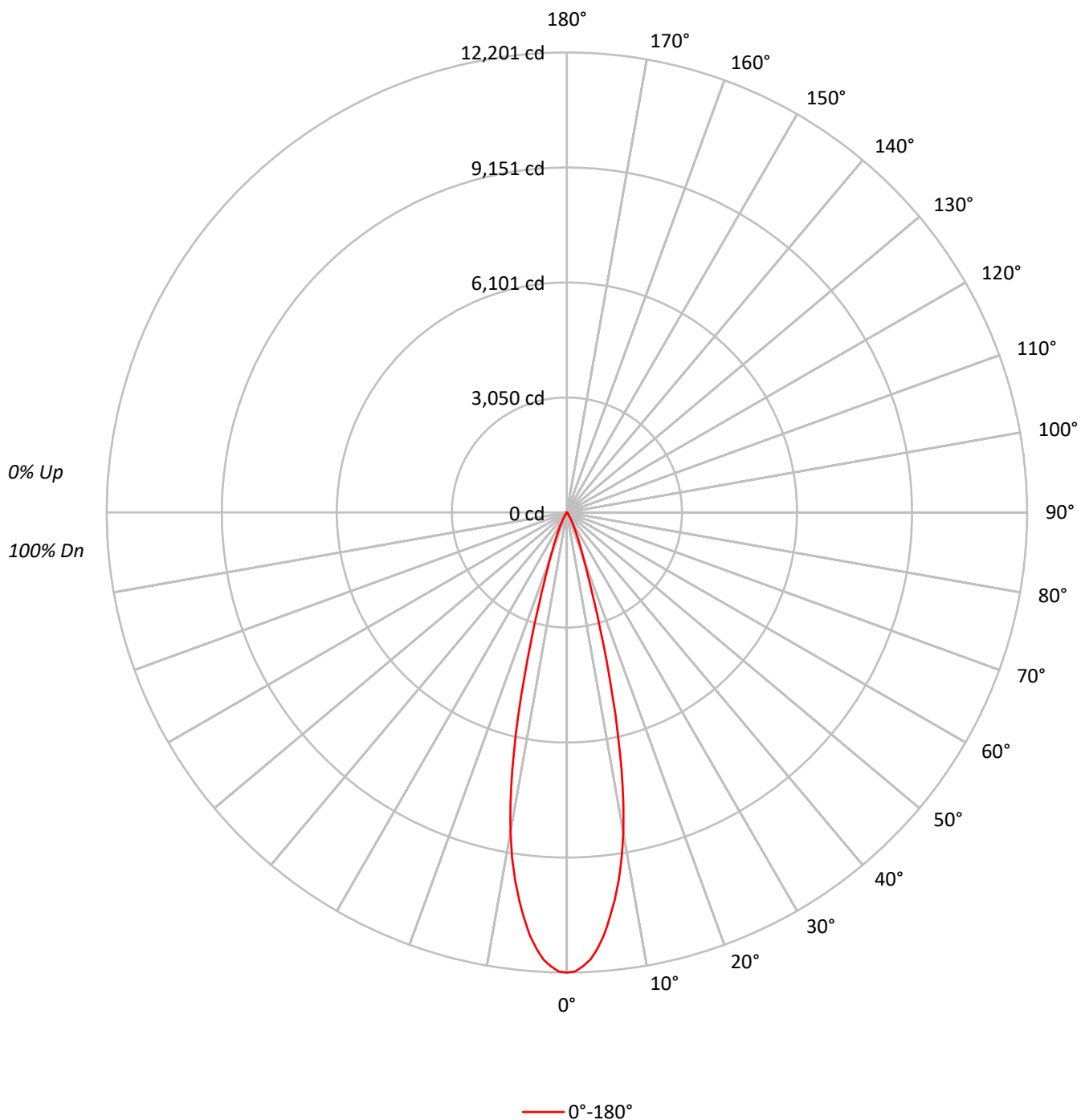
Lumens per Lamp: N/A
Luminaire Lumens: 2443.0 lumens
Efficiency: N/A
Efficacy: 84.8 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1250286

CATALOG NUMBER: P3AS24R259027D010 E3D1WMH

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	110	108	107	106	105	104	103	102	100	99	99	97	96	96
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	93	93
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	91	91
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90	89	88	88
5	103	97	93	91	101	96	93	90	95	92	90	93	91	89	92	90	88	87	86	86
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86	85	84	84
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84	83	82	82
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81	80	80
9	93	87	83	81	92	86	83	80	86	83	80	85	82	80	84	82	80	79	78	78
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78	77	76	76

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2675531
5°	2478510
10°	1917644
15°	915942
20°	301983
25°	127290
30°	49349
35°	21335
40°	7099
45°	3287
50°	1194
55°	688
60°	395
65°	467
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3287 cd/sqm

TEST NUMBER: P1250286

CATALOG NUMBER: P3AS24R259027D010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	989.7	40.5
10°-20°	1125.7	46.1
20°-30°	261.6	10.7
30°-40°	54.9	2.2
40°-50°	8.9	0.4
50°-60°	1.5	0.1
60°-70°	0.8	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	2377.0	97.3
0°-40°	2431.9	99.5
0°-60°	2442.2	100.0
0°-90°	2443.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2443.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	12201	
5°	11260	990
15°	4035	1126
25°	526	262
35°	80	55
45°	11	9
55°	2	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1250286

CATALOG NUMBER: P3AS24R259027D010 E3D1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	12201.4
1°	12176.6
2°	12050.0
3°	11871.9
4°	11600.0
5°	11259.9
6°	10823.2
7°	10366.1
8°	9853.3
9°	9274.9
10°	8612.3
11°	7844.4
12°	6963.0
13°	5997.5
14°	4987.8
15°	4034.7
16°	3191.4
17°	2486.3
18°	1955.8
19°	1564.3
20°	1294.1
21°	1081.5
22°	907.9
23°	758.2
24°	634.2
25°	526.1
27.5°	311.8
30°	194.9
32.5°	124.9
35°	79.7
37.5°	47.8
40°	24.8
42.5°	15.9
45°	10.6
47.5°	6.2
50°	3.5
52.5°	1.8
55°	1.8
57.5°	0.9
60°	0.9
62.5°	0.9
65°	0.9
67.5°	0.9
70°	0.0
72.5°	0.0

TEST NUMBER: P1250286

CATALOG NUMBER: P3AS24R259027D010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	0°
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)