

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: P1261096

Luminaire Tested: P3AS24R409050D010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261096
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R409050D010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R40 optic, 5000K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

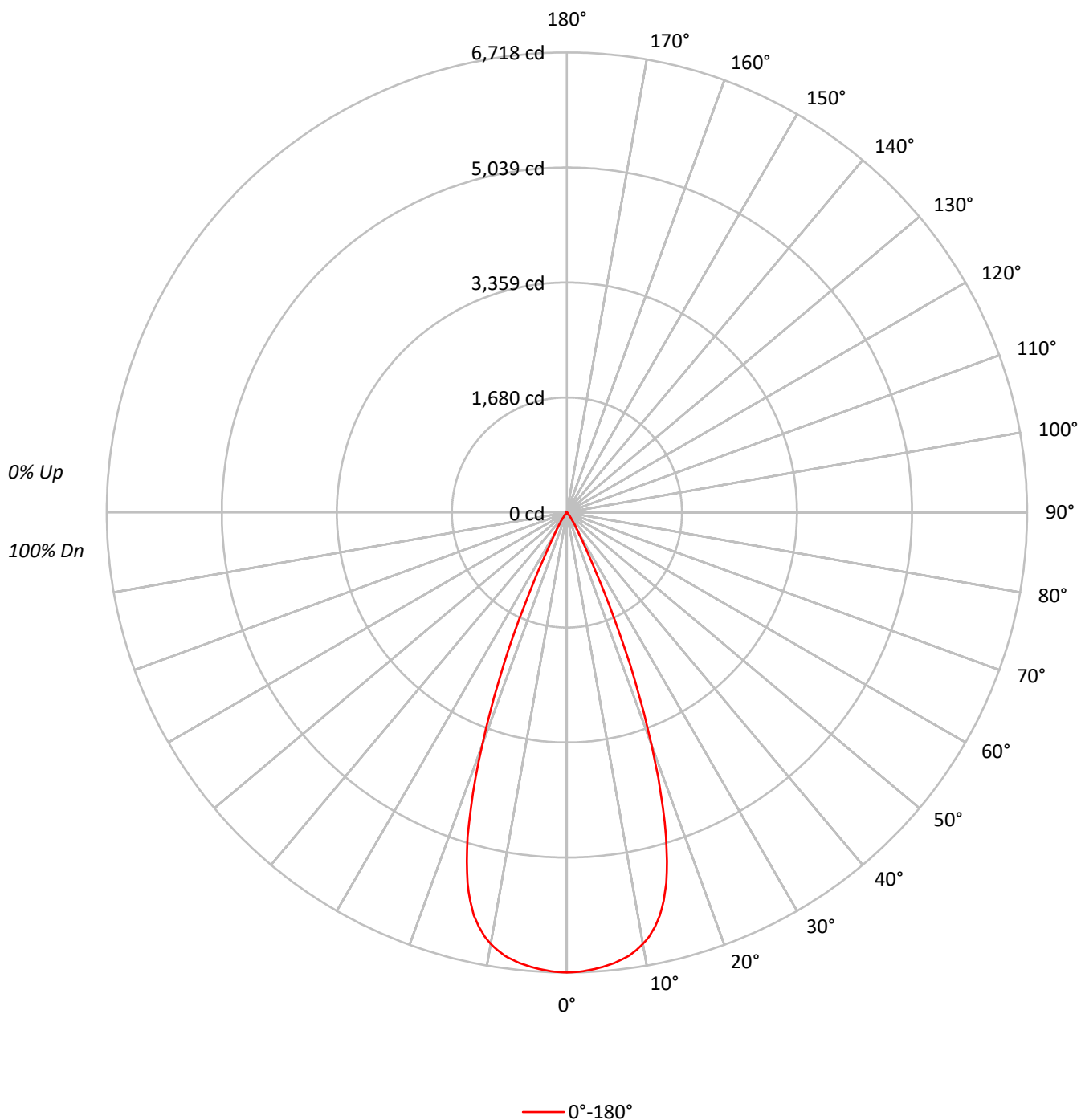
Lumens per Lamp: N/A
Luminaire Lumens: 2890.0 lumens
Efficiency: N/A
Efficacy: 100.3 lumens/watt
Spacing Criteria (0/90/45): 0.7 / 0.7 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1261096

CATALOG NUMBER: P3AS24R409050D010 E3D1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1261096

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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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	112	110	109	112	110	109	107	106	105	104		103	102	101		99
2	111	107	104	101	109	105	102	100	102	100	98		99	97	96		96
3	107	102	98	95	105	100	97	94	98	95	93		96	93	91		93
4	103	97	93	90	101	96	92	89	94	91	88		92	89	87		90
5	99	93	89	85	98	92	88	85	91	87	84		89	86	84		88
6	96	89	85	81	95	89	84	81	87	83	81		86	83	80		85
7	93	86	81	78	92	85	81	78	84	80	77		83	80	77		82
8	90	83	78	75	89	82	78	75	81	77	75		80	77	74		79
9	87	80	75	72	86	79	75	72	78	75	72		78	74	72		77
10	84	77	72	70	83	77	72	69	76	72	69		75	72	69		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1473106
5°	1462466
10°	1424178
15°	1272198
20°	843550
25°	316010
30°	84545
35°	33033
40°	11879
45°	5644
50°	1740
55°	765
60°	439
65°	519
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5644 cd/sqm

TEST NUMBER: P1261096

CATALOG NUMBER: P3AS24R409050D010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	627.0	21.7
10°-20°	1484.9	51.4
20°-30°	673.4	23.3
30°-40°	87.3	3.0
40°-50°	15.1	0.5
50°-60°	1.8	0.1
60°-70°	0.6	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°	2785.2	96.4
0°-40°	2872.5	99.4
0°-60°	2889.4	100.0
0°-90°	2890.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2890.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6718	
5°	6644	627
15°	5604	1485
25°	1306	673
35°	123	87
45°	18	15
55°	2	2
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1261096

CATALOG NUMBER: P3AS24R409050D010 E3D1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	6717.9
1°	6713.8
2°	6703.7
3°	6688.5
4°	6669.3
5°	6644.0
6°	6614.7
7°	6578.3
8°	6533.7
9°	6473.0
10°	6396.1
11°	6306.1
12°	6185.7
13°	6037.0
14°	5842.7
15°	5604.0
16°	5299.4
17°	4952.4
18°	4535.6
19°	4095.5
20°	3614.9
21°	3134.3
22°	2660.8
23°	2189.4
24°	1726.0
25°	1306.1
26°	967.2
27°	708.2
28°	532.2
29°	413.8
30°	333.9
31°	276.2
32°	230.7
32.5°	210.4
33°	190.2
34°	154.8
35°	123.4
36°	97.1
37°	76.9
37.5°	68.8
38°	60.7
39°	50.6
40°	41.5
42.5°	27.3
45°	18.2



TEST NUMBER: P1261096

CATALOG NUMBER: P3AS24R409050D010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	0°
47.5°	11.1
50°	5.1
52.5°	2.0
55°	2.0
57.5°	1.0
60°	1.0
62.5°	1.0
65°	1.0
67.5°	0.0
70°	0.0
72.5°	0.0
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)