

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: P1250343

Luminaire Tested: P3AS24R359027D010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250343
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R359027D010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

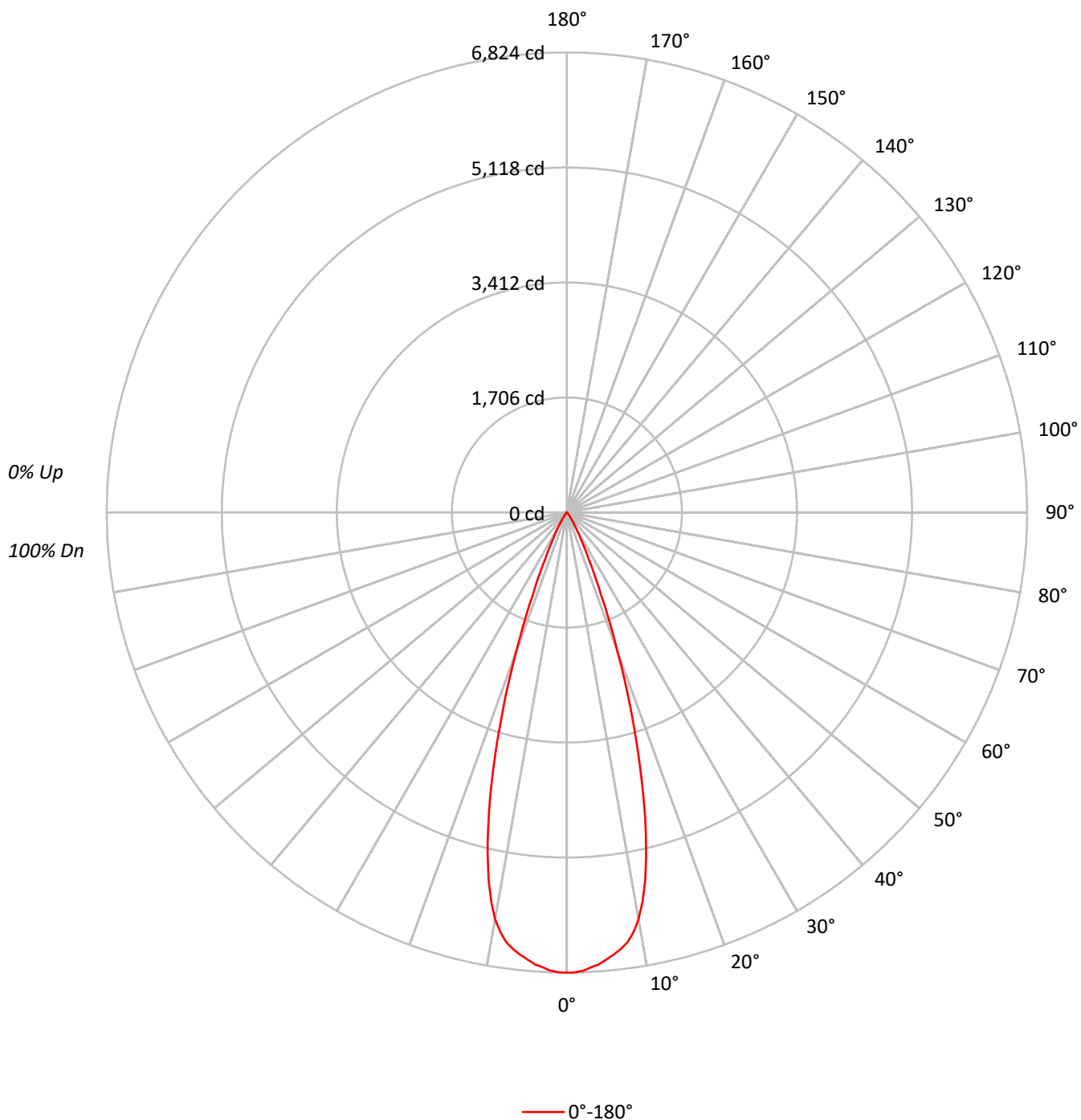
Lumens per Lamp: N/A
Luminaire Lumens: 2294.9 lumens
Efficiency: N/A
Efficacy: 79.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			0
RW	70	50	30	10	70	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	115	113	111	109	112	110	109	107	106	105	104		103	102	101		99	99	98	96
2	111	107	104	101	109	105	103	100	102	100	98		99	98	96		97	95	94	93
3	107	102	98	95	105	101	97	95	98	96	93		96	94	92		94	92	90	89
4	104	98	94	91	102	97	93	90	95	92	89		93	90	88		91	89	87	86
5	100	94	90	87	99	93	89	86	92	88	86		90	87	85		89	86	84	83
6	97	91	86	83	96	90	86	83	89	85	82		87	84	82		86	83	81	80
7	94	87	83	80	93	87	83	80	86	82	79		85	81	79		84	81	79	78
8	91	84	80	77	90	84	80	77	83	79	77		82	79	76		81	78	76	75
9	89	82	77	74	88	81	77	74	80	77	74		80	76	74		79	76	74	73
10	86	79	75	72	85	79	75	72	78	74	72		77	74	72		77	74	71	70

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1496481
5°	1466010
10°	1363836
15°	999892
20°	512001
25°	184535
30°	71859
35°	25163
40°	10334
45°	2791
50°	2456
55°	2753
60°	2368
65°	1868
70°	2308
75°	3050
80°	2273
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 75°

Luminance: 3050 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	620.9	27.1
10°-20°	1164.9	50.8
20°-30°	412.5	18.0
30°-40°	72.2	3.1
40°-50°	10.6	0.5
50°-60°	5.8	0.3
60°-70°	4.2	0.2
70°-80°	3.1	0.1
80°-90°	0.7	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°	2198.3	95.8
0°-40°	2270.5	98.9
0°-60°	2286.9	99.6
0°-90°	2294.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2294.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6824	
5°	6660	621
15°	4404	1165
25°	763	412
35°	94	72
45°	9	11
55°	7	6
65°	4	4
75°	4	3
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	6824.5
1°	6822.7
2°	6801.1
3°	6759.5
4°	6721.5
5°	6660.1
6°	6596.8
7°	6526.3
8°	6439.6
9°	6304.0
10°	6125.1
11°	5877.5
12°	5579.3
13°	5225.0
14°	4834.7
15°	4404.5
17.5°	3280.3
20°	2194.1
22.5°	1323.0
25°	762.7
27.5°	455.5
30°	283.8
32.5°	164.5
35°	94.0
37.5°	59.6
40°	36.1
42.5°	18.1
45°	9.0
47.5°	7.2
50°	7.2
52.5°	7.2
55°	7.2
57.5°	5.4
60°	5.4
62.5°	5.4
65°	3.6
67.5°	3.6
70°	3.6
72.5°	3.6
75°	3.6
77.5°	1.8
80°	1.8
82.5°	1.8
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)