

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: P1261201

Luminaire Tested: P3AS24R609050D010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261201
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R609050D010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

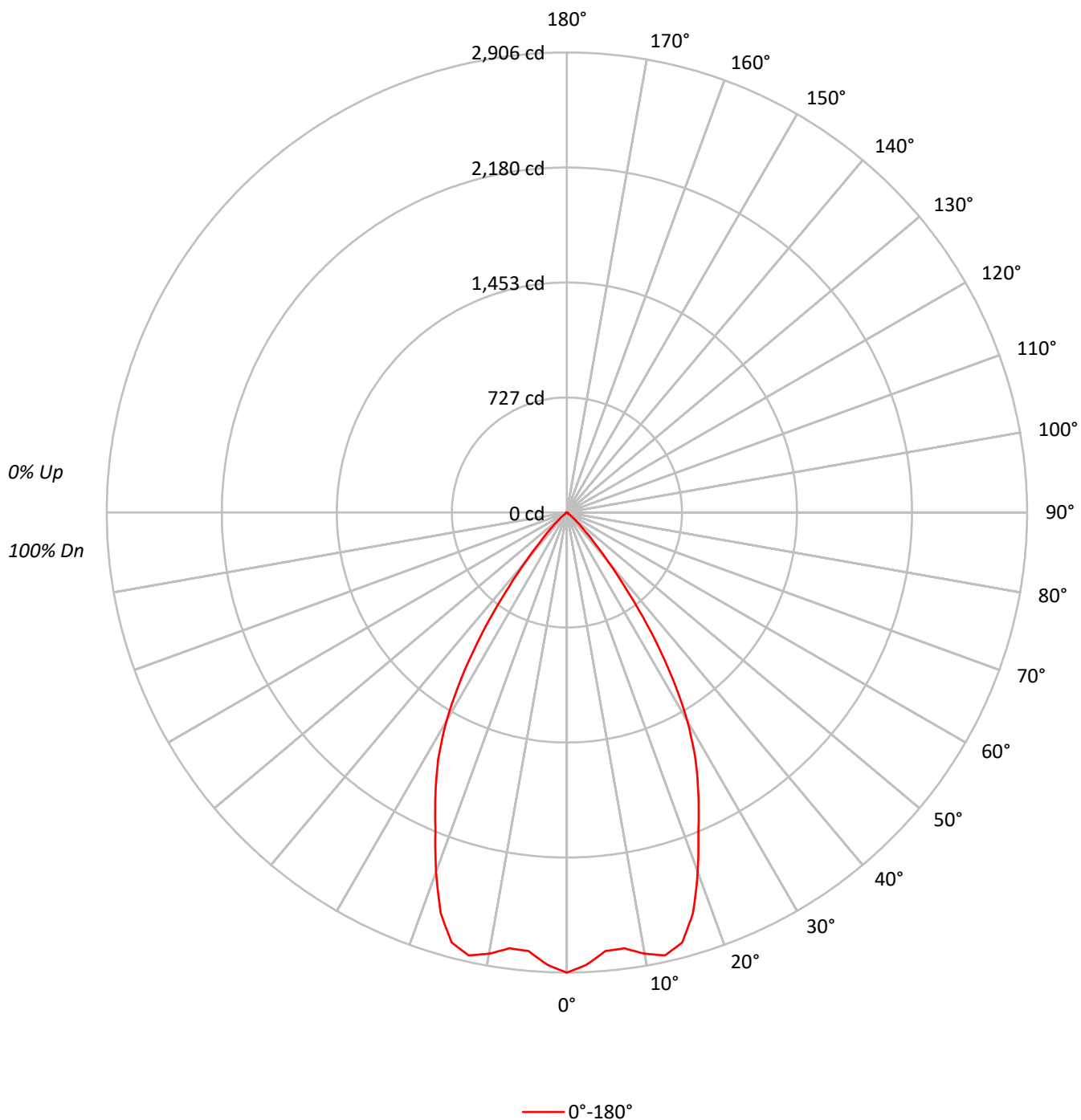
Lumens per Lamp: N/A
Luminaire Lumens: 2669.0 lumens
Efficiency: N/A
Efficacy: 92.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	108	106	111	109	106	104	105	103	101		101	100	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	96	91	88	101	95	90	87	92	89	85		90	87	84		88
4	98	90	85	81	96	89	84	80	87	83	79		85	81	78		83
5	93	84	79	74	91	84	78	74	82	77	73		80	76	73		79
6	88	79	73	69	87	79	73	69	77	72	68		76	71	68		74
7	84	75	69	64	82	74	68	64	73	68	64		71	67	64		70
8	80	70	64	60	78	70	64	60	69	64	60		68	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	637339
5°	612061
10°	630160
15°	638278
20°	563596
25°	474971
30°	385224
35°	250881
40°	115216
45°	44160
50°	14771
55°	3938
60°	3640
65°	3217
70°	2629
75°	3474
80°	2652
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 44160 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	267.6	10.0
10°-20°	769.9	28.8
20°-30°	898.0	33.6
30°-40°	579.5	21.7
40°-50°	129.8	4.9
50°-60°	13.0	0.5
60°-70°	6.1	0.2
70°-80°	3.5	0.1
80°-90°	1.4	0.1
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°	1935.6	72.5
0°-40°	2515.1	94.2
0°-60°	2657.9	99.6
0°-90°	2669.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2669.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2906	
5°	2781	268
15°	2812	770
25°	1963	898
35°	937	579
45°	142	130
55°	10	13
65°	6	6
75°	4	4
85°	2	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2906.5
2.5°	2859.0
5°	2780.6
7.5°	2776.5
10°	2830.1
12.5°	2865.2
15°	2811.6
17.5°	2650.5
20°	2415.2
22.5°	2169.6
25°	1963.1
27.5°	1760.8
30°	1521.4
32.5°	1240.6
35°	937.2
37.5°	639.9
40°	402.5
42.5°	241.5
45°	142.4
47.5°	82.6
50°	43.3
52.5°	14.4
55°	10.3
57.5°	8.3
60°	8.3
62.5°	6.2
65°	6.2
67.5°	6.2
70°	4.1
72.5°	4.1
75°	4.1
77.5°	2.1
80°	2.1
82.5°	2.1
85°	2.1
87.5°	0.0
90°	0.0

(END OF REPORT)