

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: P1253189

Luminaire Tested: P3AS24R609030D010 E3CB1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253189
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: P3AS24R609030D010 E3CB1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3CB1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

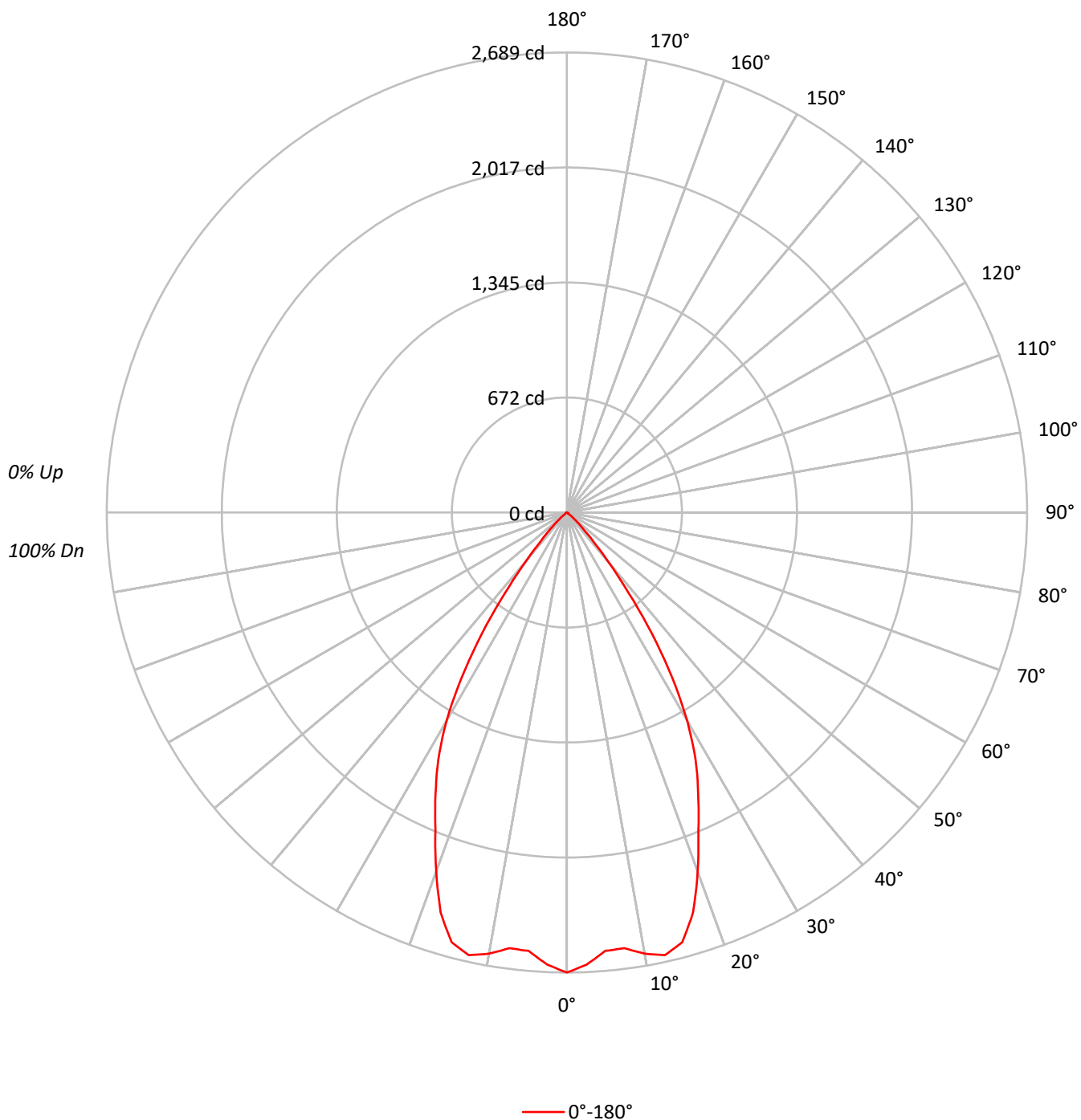
Lumens per Lamp: N/A
Luminaire Lumens: 2469.0 lumens
Efficiency: N/A
Efficacy: 85.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	589580
5°	566188
10°	582955
15°	590446
20°	521359
25°	439380
30°	356359
35°	232089
40°	106600
45°	40872
50°	13680
55°	3632
60°	3333
65°	2958
70°	2436
75°	3219
80°	2399
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 40872 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	247.6	10.0
10°-20°	712.2	28.8
20°-30°	830.8	33.6
30°-40°	536.1	21.7
40°-50°	120.1	4.9
50°-60°	12.0	0.5
60°-70°	5.6	0.2
70°-80°	3.3	0.1
80°-90°	1.3	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°	1790.6	72.5
0°-40°	2326.7	94.2
0°-60°	2458.8	99.6
0°-90°	2469.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2469.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2689	
5°	2572	248
15°	2601	712
25°	1816	831
35°	867	536
45°	132	120
55°	10	12
65°	6	6
75°	4	3
85°	2	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2688.7
2.5°	2644.8
5°	2572.2
7.5°	2568.4
10°	2618.1
12.5°	2650.5
15°	2600.9
17.5°	2451.9
20°	2234.2
22.5°	2007.0
25°	1816.0
27.5°	1628.9
30°	1407.4
32.5°	1147.7
35°	867.0
37.5°	592.0
40°	372.4
42.5°	223.4
45°	131.8
47.5°	76.4
50°	40.1
52.5°	13.4
55°	9.5
57.5°	7.6
60°	7.6
62.5°	5.7
65°	5.7
67.5°	5.7
70°	3.8
72.5°	3.8
75°	3.8
77.5°	1.9
80°	1.9
82.5°	1.9
85°	1.9
87.5°	0.0
90°	0.0

(END OF REPORT)