

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: P1261061

Luminaire Tested: P3AS24R359050D010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261061
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: P3AS24R359050D010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

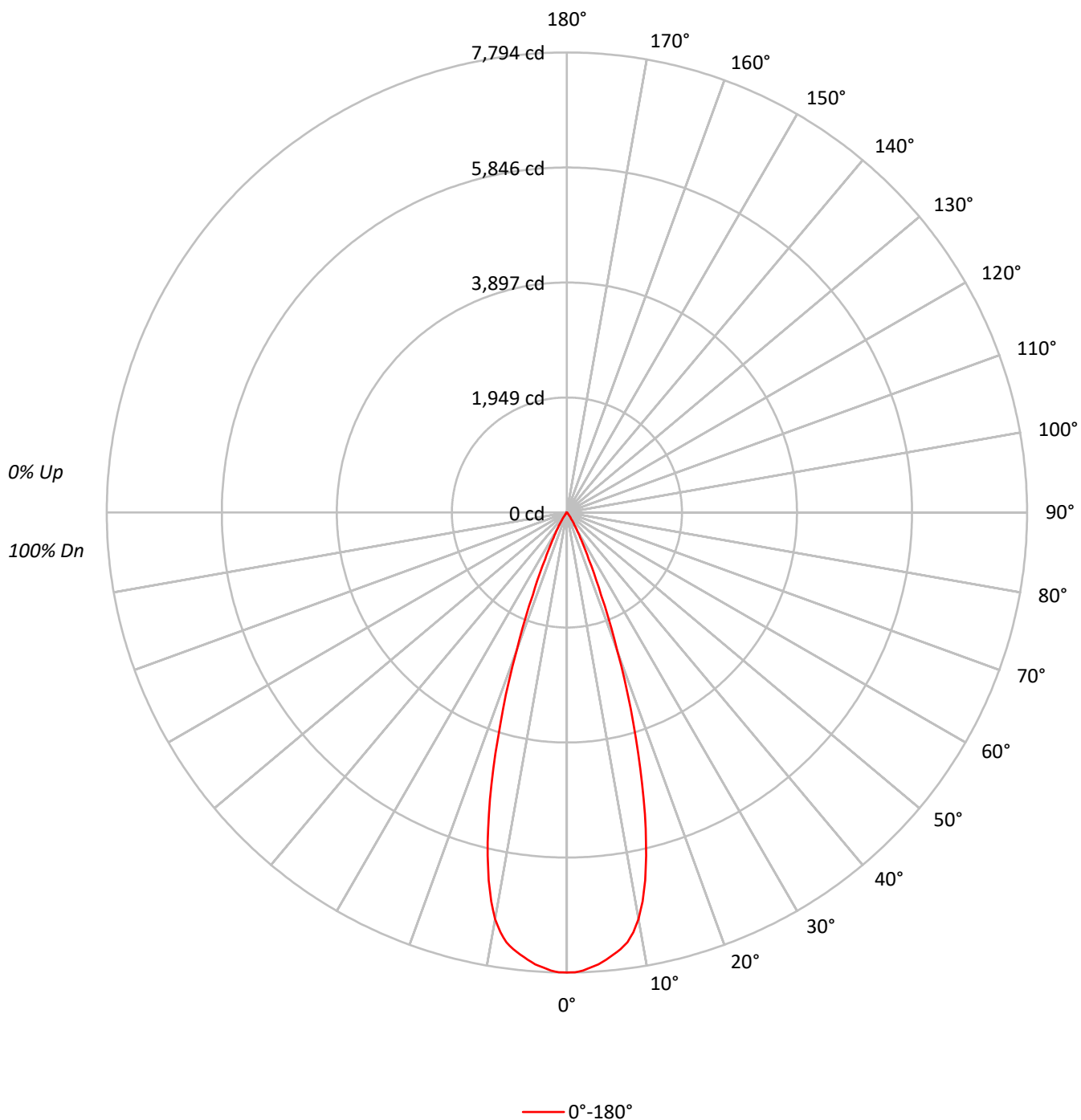
Lumens per Lamp: N/A
Luminaire Lumens: 2621.0 lumens
Efficiency: N/A
Efficacy: 91.0 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1709074
5°	1674242
10°	1557575
15°	1141936
20°	584738
25°	210738
30°	82063
35°	28723
40°	11822
45°	3194
50°	2831
55°	3173
60°	2719
65°	2127
70°	2629
75°	3474
80°	2652
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 3528 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	709.1	27.1
10°-20°	1330.4	50.8
20°-30°	471.0	18.0
30°-40°	82.5	3.1
40°-50°	12.1	0.5
50°-60°	6.7	0.3
60°-70°	4.8	0.2
70°-80°	3.5	0.1
80°-90°	0.9	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°	2510.5	95.8
0°-40°	2593.0	98.9
0°-60°	2611.8	99.6
0°-90°	2621.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2621.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7794	
5°	7606	709
15°	5030	1330
25°	871	471
35°	107	82
45°	10	12
55°	8	7
65°	4	5
75°	4	4
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	7794.0
1°	7791.9
2°	7767.1
3°	7719.7
4°	7676.3
5°	7606.1
6°	7533.9
7°	7453.4
8°	7354.3
9°	7199.5
10°	6995.2
11°	6712.4
12°	6371.8
13°	5967.3
14°	5521.4
15°	5030.2
17.5°	3746.3
20°	2505.8
22.5°	1510.9
25°	871.0
27.5°	520.1
30°	324.1
32.5°	187.8
35°	107.3
37.5°	68.1
40°	41.3
42.5°	20.6
45°	10.3
47.5°	8.3
50°	8.3
52.5°	8.3
55°	8.3
57.5°	6.2
60°	6.2
62.5°	6.2
65°	4.1
67.5°	4.1
70°	4.1
72.5°	4.1
75°	4.1
77.5°	2.1
80°	2.1
82.5°	2.1
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)