

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: P1252296

Luminaire Tested: P3AS17R259030DE010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252296
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259030DE010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

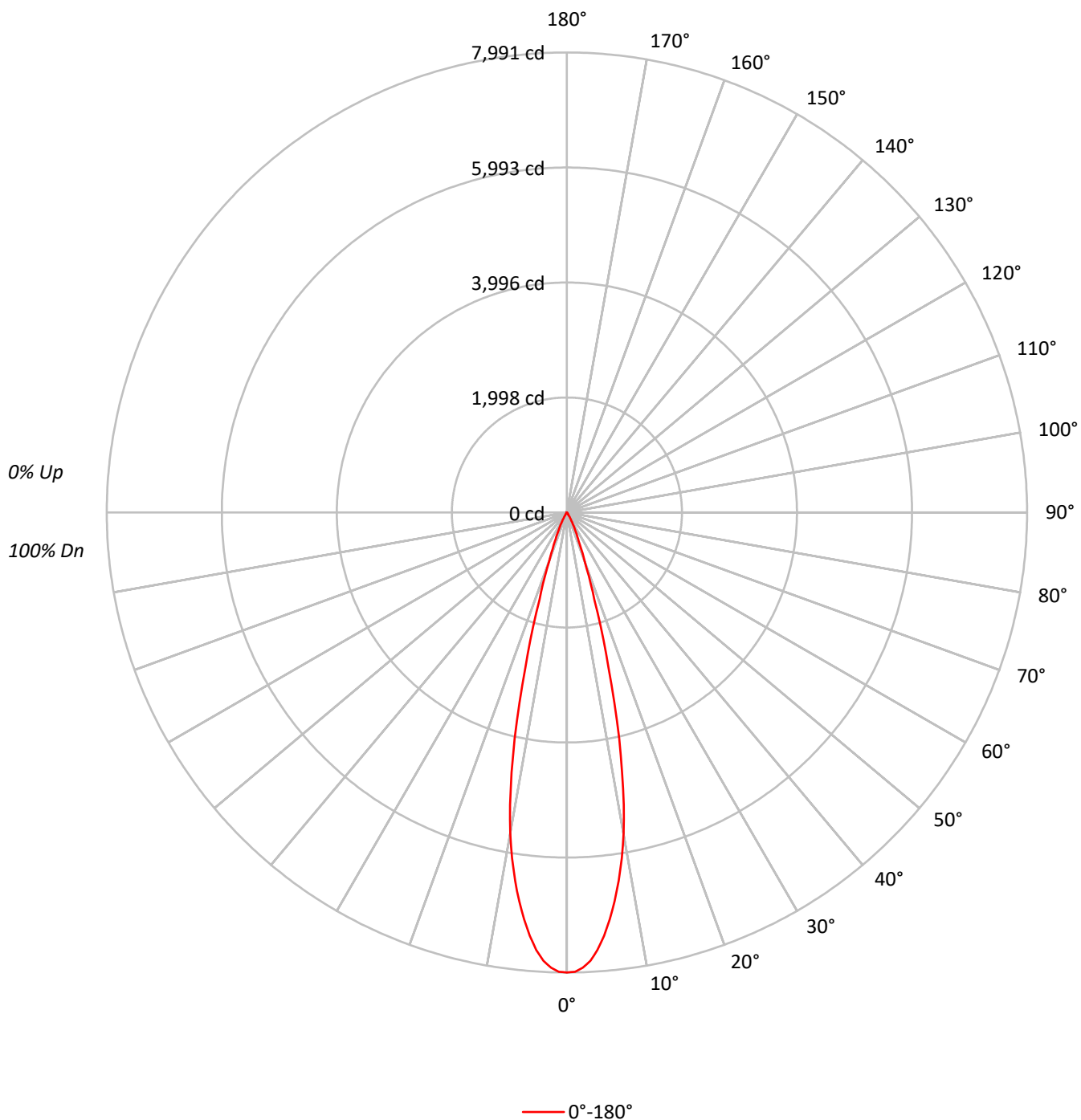
Lumens per Lamp: N/A
Luminaire Lumens: 1639.1 lumens
Efficiency: N/A
Efficacy: 77.3 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	109	108	107	106	105	103	103	102	100	99	99	97	97	97
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	94	94
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	89	89
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	87	87
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	86	85	85	85
7	97	91	88	85	96	91	87	85	90	87	84	89	86	84	88	85	83	83	83	83
8	95	89	85	83	94	89	85	82	88	84	82	87	84	82	86	83	81	81	81	81
9	93	87	83	80	92	86	83	80	86	82	80	85	82	80	84	82	80	79	79	79
10	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	80	78	77	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1752338
5°	1625243
10°	1260409
15°	631990
20°	207638
25°	82553
30°	30967
35°	8968
40°	4065
45°	1613
50°	1330
55°	994
60°	1140
65°	1349
70°	833
75°	1101
80°	1642
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 1642 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	649.4	39.6
10°-20°	774.8	47.3
20°-30°	174.7	10.7
30°-40°	28.3	1.7
40°-50°	5.1	0.3
50°-60°	2.8	0.2
60°-70°	2.4	0.1
70°-80°	1.4	0.1
80°-90°	0.2	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°	1598.9	97.5
0°-40°	1627.2	99.3
0°-60°	1635.1	99.8
0°-90°	1639.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1639.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7991	
5°	7384	649
15°	2784	775
25°	341	175
35°	34	28
45°	5	5
55°	3	3
65°	3	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	7991.3
1°	7978.4
2°	7914.0
3°	7795.5
4°	7616.5
5°	7383.5
6°	7105.3
7°	6804.0
8°	6458.9
9°	6081.6
10°	5660.6
11°	5175.1
12°	4616.3
13°	4031.7
14°	3404.6
15°	2783.9
17.5°	1586.4
20°	889.8
22.5°	537.0
25°	341.2
27.5°	209.9
30°	122.3
32.5°	64.4
35°	33.5
37.5°	21.9
40°	14.2
42.5°	9.0
45°	5.2
47.5°	3.9
50°	3.9
52.5°	3.9
55°	2.6
57.5°	2.6
60°	2.6
62.5°	2.6
65°	2.6
67.5°	2.6
70°	1.3
72.5°	1.3
75°	1.3
77.5°	1.3
80°	1.3
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)