

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: P1257774

Luminaire Tested: P3AS17R359040DE010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257774
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: P3AS17R359040DE010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

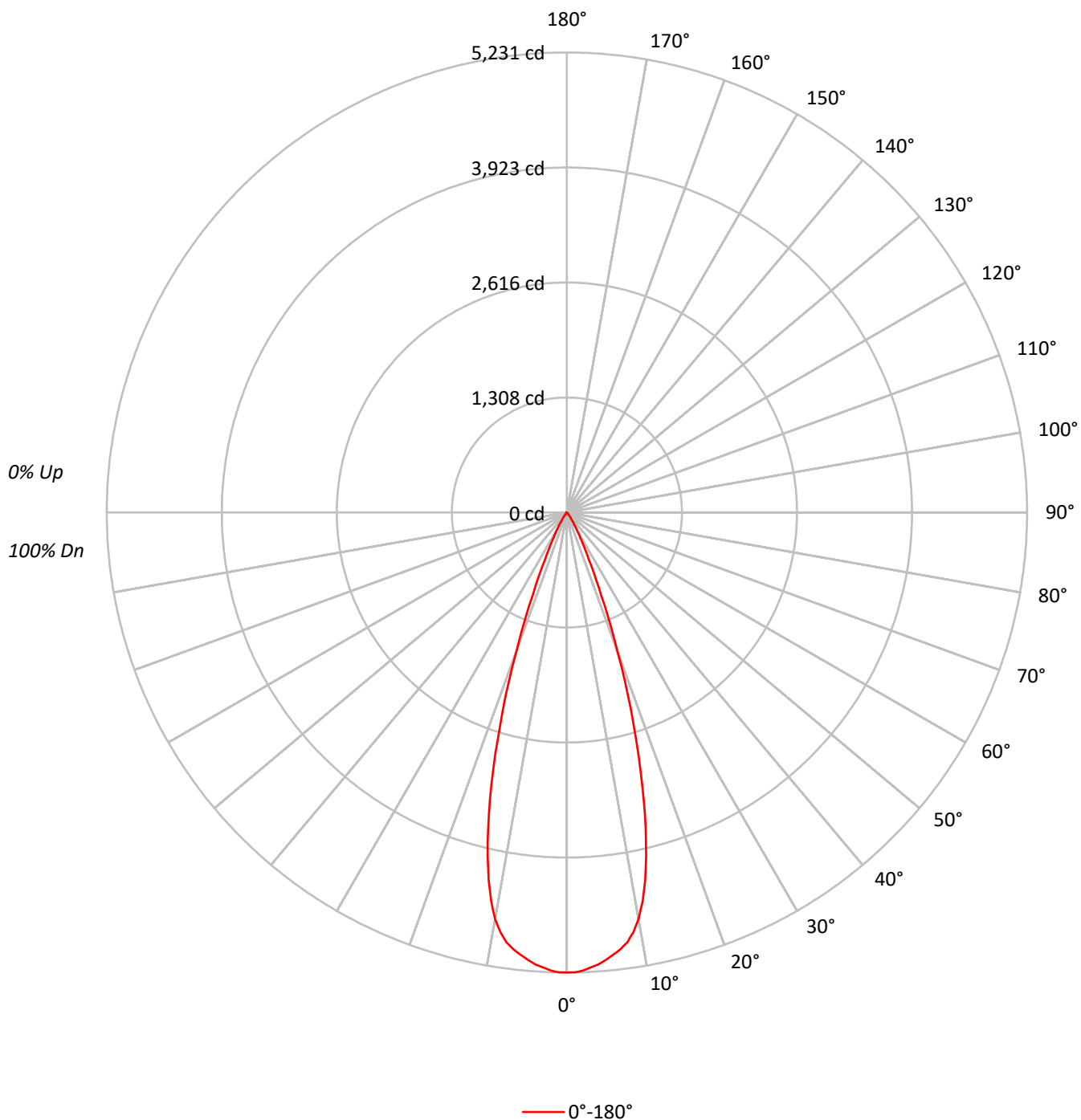
Lumens per Lamp: N/A
Luminaire Lumens: 1759.1 lumens
Efficiency: N/A
Efficacy: 83.0 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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
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°	1146991
5°	1123616
10°	1045316
15°	766361
20°	392431
25°	141444
30°	55072
35°	19274
40°	7929
45°	2140
50°	1876
55°	2103
60°	1842
65°	1453
70°	1795
75°	2372
80°	1768
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 75°

Luminance: 2372 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	475.9	27.1
10°-20°	892.9	50.8
20°-30°	316.1	18.0
30°-40°	55.4	3.1
40°-50°	8.1	0.5
50°-60°	4.5	0.3
60°-70°	3.3	0.2
70°-80°	2.4	0.1
80°-90°	0.6	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°	1684.9	95.8
0°-40°	1740.2	98.9
0°-60°	1752.8	99.6
0°-90°	1759.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1759.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5231	
5°	5105	476
15°	3376	893
25°	585	316
35°	72	55
45°	7	8
55°	6	4
65°	3	3
75°	3	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5230.7
1°	5229.3
2°	5212.7
3°	5180.8
4°	5151.7
5°	5104.6
6°	5056.1
7°	5002.1
8°	4935.6
9°	4831.7
10°	4694.6
11°	4504.8
12°	4276.2
13°	4004.7
14°	3705.5
15°	3375.8
17.5°	2514.2
20°	1681.7
22.5°	1014.0
25°	584.6
27.5°	349.1
30°	217.5
32.5°	126.1
35°	72.0
37.5°	45.7
40°	27.7
42.5°	13.9
45°	6.9
47.5°	5.5
50°	5.5
52.5°	5.5
55°	5.5
57.5°	4.2
60°	4.2
62.5°	4.2
65°	2.8
67.5°	2.8
70°	2.8
72.5°	2.8
75°	2.8
77.5°	1.4
80°	1.4
82.5°	1.4
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)