

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: P1252362

Luminaire Tested: P3AS17R359030DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252362
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: P3AS17R359030DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

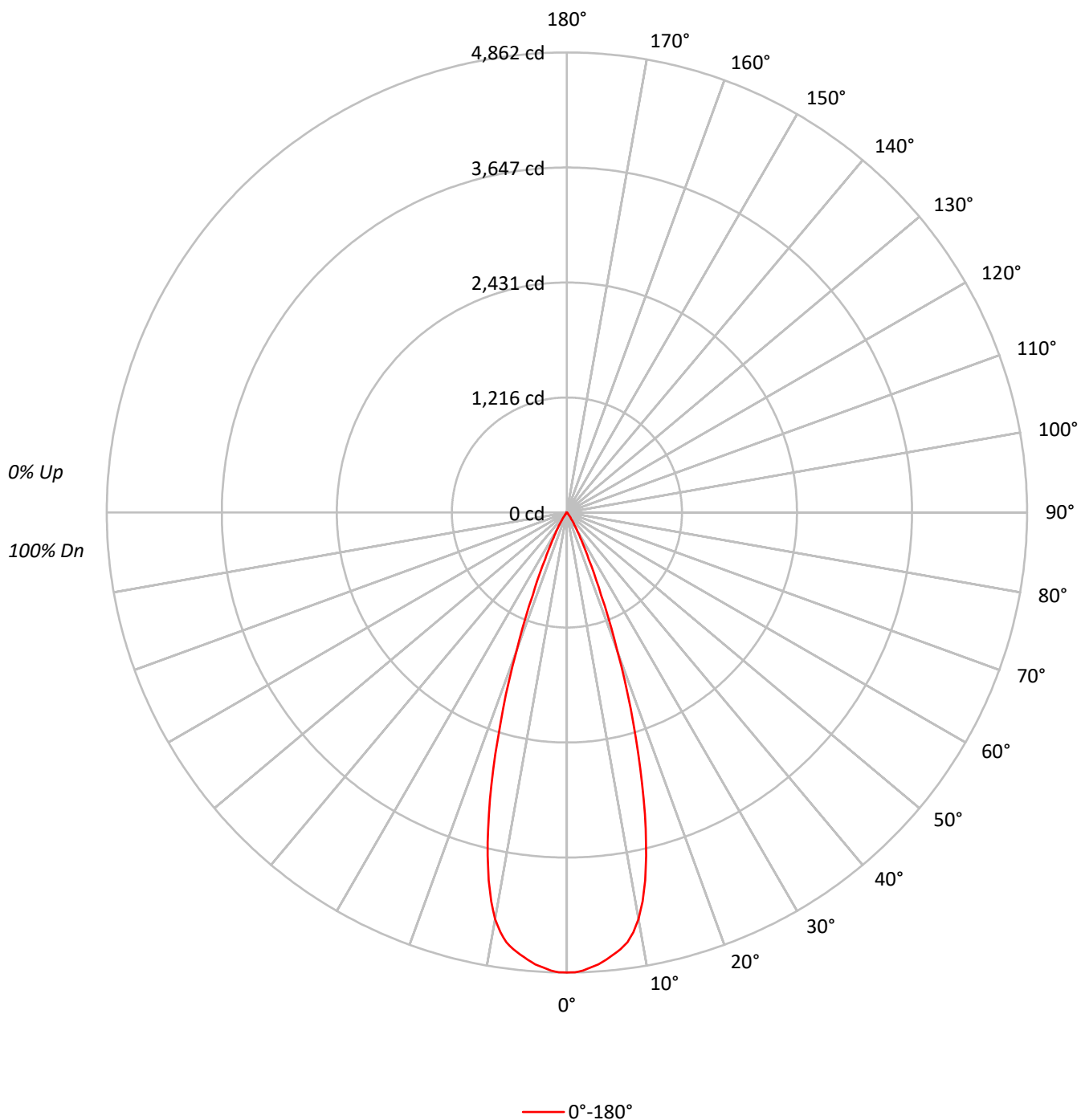
Lumens per Lamp: N/A
Luminaire Lumens: 1635.1 lumens
Efficiency: N/A
Efficacy: 77.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	1066121
5°	1044417
10°	971614
15°	712354
20°	364755
25°	131475
30°	51198
35°	17935
40°	7385
45°	1985
50°	1774
55°	1988
60°	1710
65°	1349
70°	1667
75°	2203
80°	1642
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 75°

Luminance: 2203 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	442.3	27.1
10°-20°	829.9	50.8
20°-30°	293.8	18.0
30°-40°	51.5	3.1
40°-50°	7.5	0.5
50°-60°	4.2	0.3
60°-70°	3.1	0.2
70°-80°	2.2	0.1
80°-90°	0.5	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°	1566.1	95.8
0°-40°	1617.6	98.9
0°-60°	1629.3	99.6
0°-90°	1635.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1635.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4862	
5°	4745	442
15°	3138	830
25°	543	294
35°	67	51
45°	6	8
55°	5	4
65°	3	3
75°	3	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4861.9
1°	4860.6
2°	4845.2
3°	4815.6
4°	4788.5
5°	4744.8
6°	4699.7
7°	4649.5
8°	4587.7
9°	4491.1
10°	4363.6
11°	4187.2
12°	3974.8
13°	3722.4
14°	3444.3
15°	3137.9
17.5°	2337.0
20°	1563.1
22.5°	942.5
25°	543.4
27.5°	324.5
30°	202.2
32.5°	117.2
35°	67.0
37.5°	42.5
40°	25.8
42.5°	12.9
45°	6.4
47.5°	5.2
50°	5.2
52.5°	5.2
55°	5.2
57.5°	3.9
60°	3.9
62.5°	3.9
65°	2.6
67.5°	2.6
70°	2.6
72.5°	2.6
75°	2.6
77.5°	1.3
80°	1.3
82.5°	1.3
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)