

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: P1257663

Luminaire Tested: P3AS17R159040DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257663
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159040DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

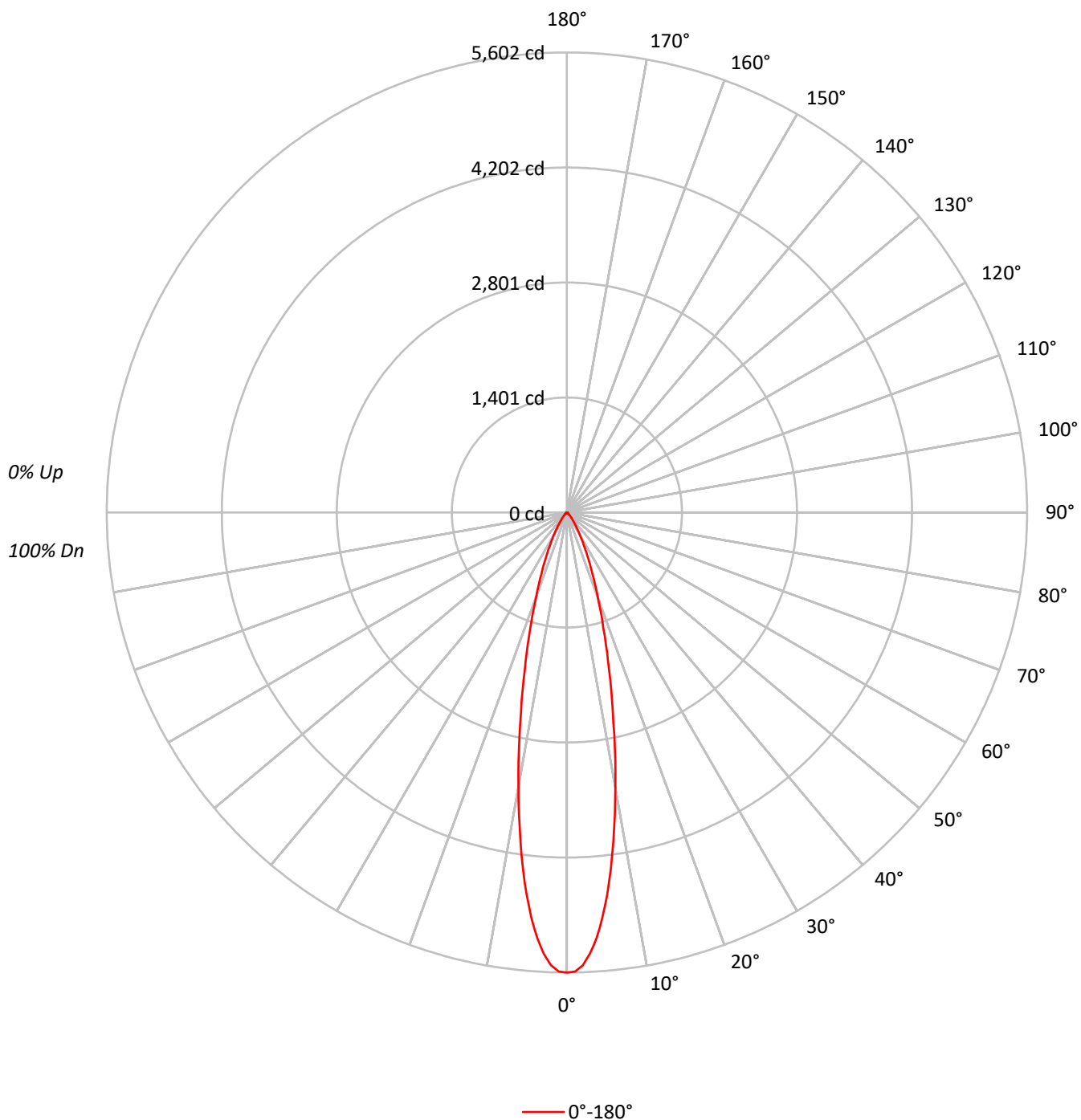
Lumens per Lamp: N/A
Luminaire Lumens: 1438.0 lumens
Efficiency: N/A
Efficacy: 67.8 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1228432
5°	1090422
10°	757256
15°	447812
20°	255056
25°	145799
30°	80671
35°	43018
40°	23787
45°	12901
50°	8017
55°	6346
60°	5482
65°	5033
70°	4424
75°	4660
80°	3536
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12901 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	421.2	29.3
10°-20°	556.0	38.7
20°-30°	286.2	19.9
30°-40°	107.5	7.5
40°-50°	35.2	2.4
50°-60°	15.1	1.1
60°-70°	9.6	0.7
70°-80°	5.7	0.4
80°-90°	1.5	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°	1263.4	87.9
0°-40°	1370.9	95.3
0°-60°	1421.3	98.8
0°-90°	1438.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1438.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5602	
5°	4954	421
15°	1973	556
25°	603	286
35°	161	107
45°	42	35
55°	17	15
65°	10	10
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5602.1
1°	5591.0
2°	5517.6
3°	5377.7
4°	5193.4
5°	4953.8
6°	4682.3
7°	4384.4
8°	4053.3
9°	3726.4
10°	3400.9
12.5°	2616.8
15°	1972.6
17.5°	1476.7
20°	1093.0
22.5°	815.9
25°	602.6
27.5°	439.1
30°	318.6
32.5°	225.8
35°	160.7
37.5°	115.0
40°	83.1
42.5°	59.6
45°	41.6
47.5°	30.5
50°	23.5
52.5°	19.4
55°	16.6
57.5°	13.9
60°	12.5
62.5°	11.1
65°	9.7
67.5°	8.3
70°	6.9
72.5°	6.9
75°	5.5
77.5°	4.2
80°	2.8
82.5°	2.8
85°	1.4
87.5°	0.0
90°	0.0

(END OF REPORT)