

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: P1257931

Luminaire Tested: P3AS17R609040DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257931
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R609040DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

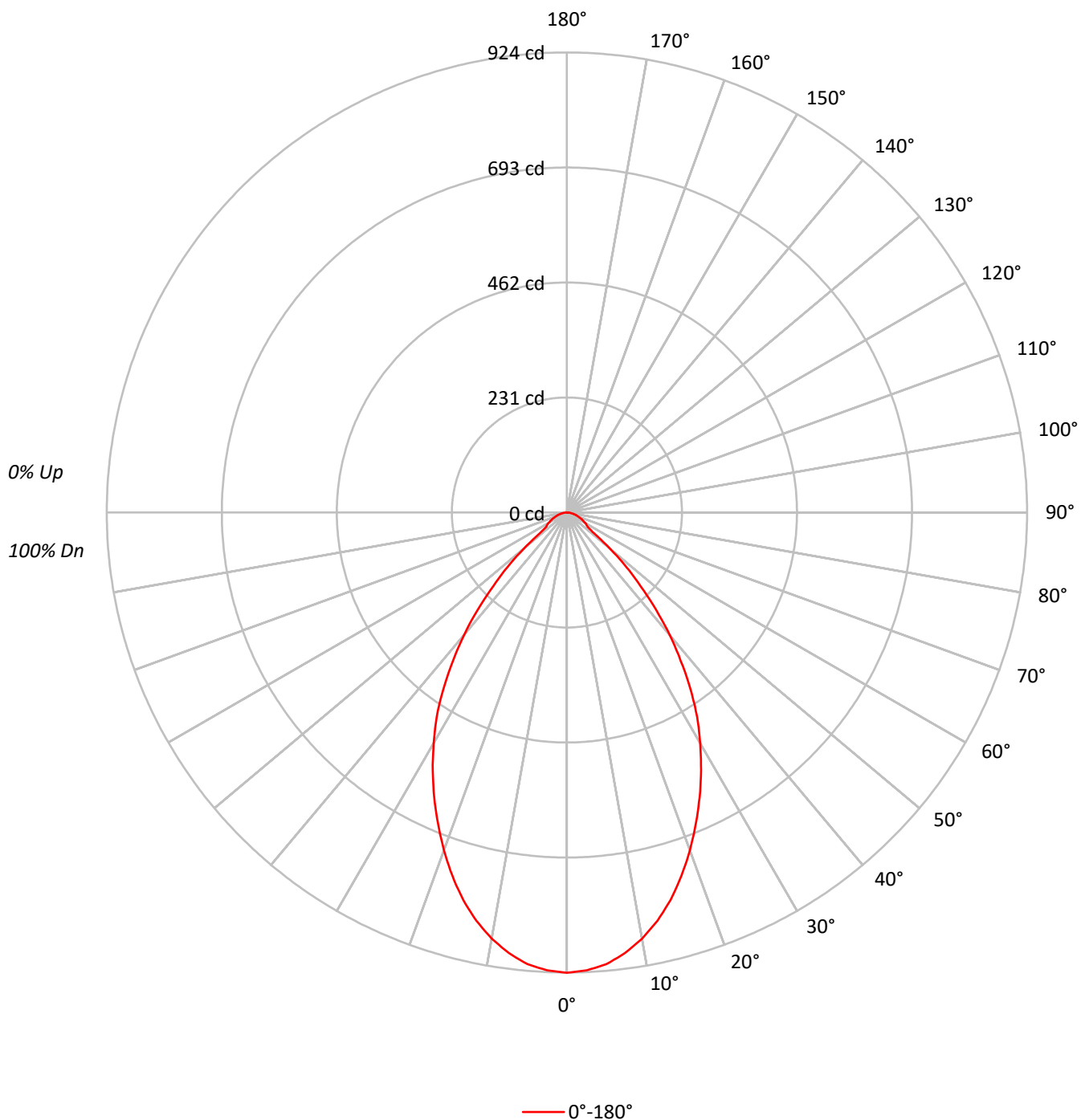
Lumens per Lamp: N/A
Luminaire Lumens: 1142.0 lumens
Efficiency: N/A
Efficacy: 53.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	202725
5°	200440
10°	193495
15°	182816
20°	168505
25°	152573
30°	135464
35°	115750
40°	92058
45°	64906
50°	38788
55°	19612
60°	18858
65°	17278
70°	15964
75°	15250
80°	14017
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 64906 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.6	7.5
10°-20°	225.1	19.7
20°-30°	289.0	25.3
30°-40°	267.9	23.5
40°-50°	163.1	14.3
50°-60°	54.4	4.8
60°-70°	33.1	2.9
70°-80°	18.6	1.6
80°-90°	5.3	0.5
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°	599.6	52.5
0°-40°	867.5	76.0
0°-60°	1085.0	95.0
0°-90°	1142.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1142.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	924	
5°	911	86
15°	805	225
25°	631	289
35°	432	268
45°	209	163
55°	51	54
65°	33	33
75°	18	19
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	924.5
2.5°	920.3
5°	910.6
7.5°	892.6
10°	869.0
12.5°	839.9
15°	805.3
17.5°	765.1
20°	722.1
22.5°	676.4
25°	630.6
27.5°	583.5
30°	535.0
32.5°	486.5
35°	432.4
37.5°	375.6
40°	321.6
42.5°	264.7
45°	209.3
47.5°	162.2
50°	113.7
52.5°	67.9
55°	51.3
57.5°	47.1
60°	43.0
62.5°	37.4
65°	33.3
67.5°	29.1
70°	24.9
72.5°	20.8
75°	18.0
77.5°	13.9
80°	11.1
82.5°	6.9
85°	4.2
87.5°	2.8
90°	0.0

(END OF REPORT)