

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: P1260034

Luminaire Tested: P3AS13R409050DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260034
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R409050DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

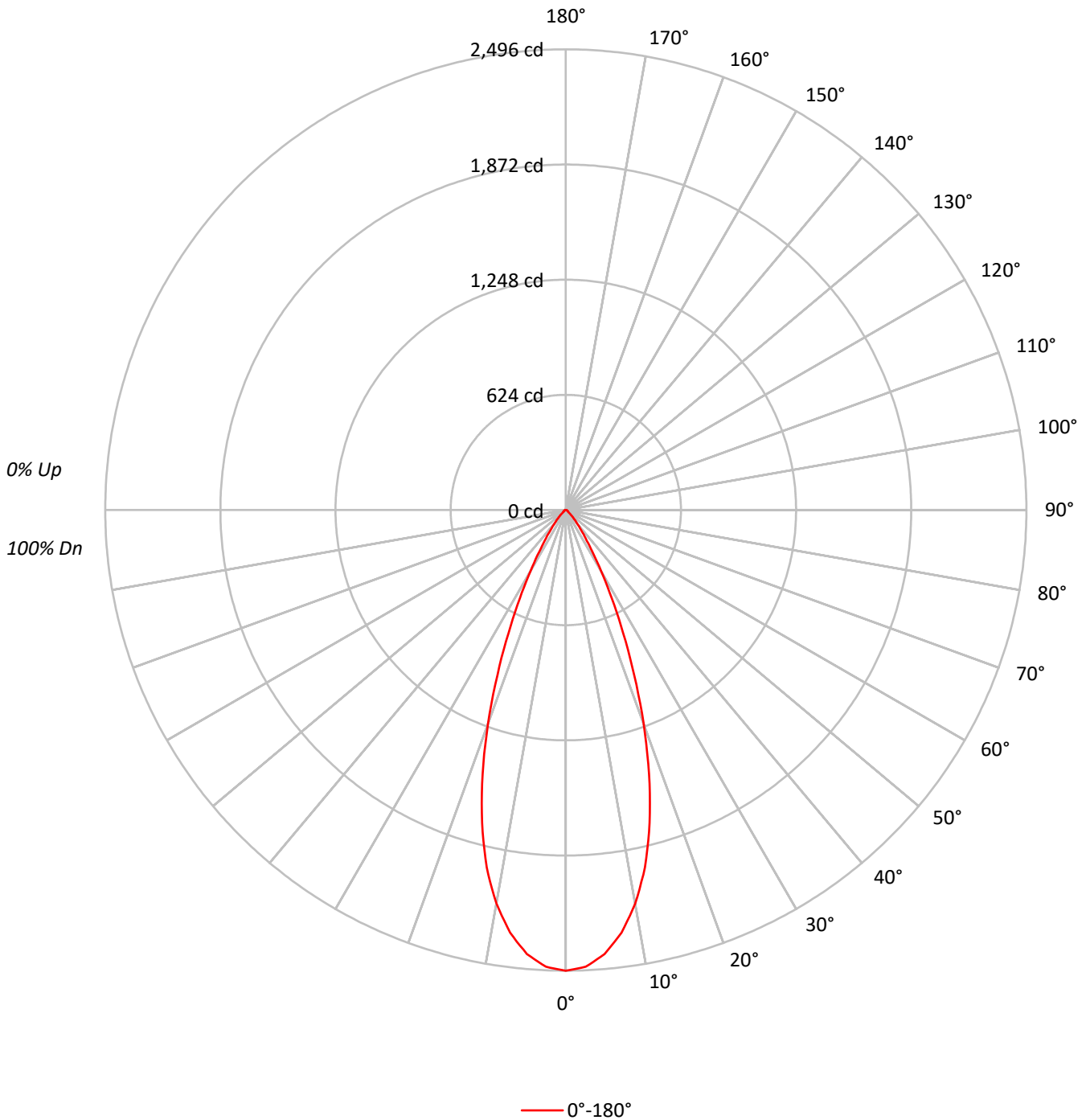
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1237.0 lumens
Efficiency: N/A
Efficacy: 84.7 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	94				94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89				89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	84				84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	80				80
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	76				76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	72				72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	69				69
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	65				65
9	82	73	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	63				63
10	78	70	65	62	78	70	65	61	69	64	61	68	64	61	67	64	61	60				60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	547368
5°	531454
10°	482289
15°	398436
20°	287398
25°	177760
30°	96243
35°	49737
40°	27051
45°	15133
50°	7607
55°	5696
60°	5131
65°	4981
70°	4744
75°	4490
80°	4041
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 15133 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	222.6	18.0
10°-20°	477.9	38.6
20°-30°	341.1	27.6
30°-40°	125.6	10.2
40°-50°	39.5	3.2
50°-60°	13.7	1.1
60°-70°	9.5	0.8
70°-80°	5.6	0.5
80°-90°	1.6	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°	1041.5	84.2
0°-40°	1167.1	94.3
0°-60°	1220.4	98.7
0°-90°	1237.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1237.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2496	
5°	2414	223
15°	1755	478
25°	735	341
35°	186	126
45°	49	40
55°	15	14
65°	10	9
75°	5	6
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2496.2
2.5°	2477.1
5°	2414.4
7.5°	2310.4
10°	2166.0
12.5°	1982.3
15°	1755.1
17.5°	1500.3
20°	1231.6
22.5°	967.3
25°	734.7
27.5°	539.4
30°	380.1
32.5°	266.5
35°	185.8
37.5°	131.7
40°	94.5
42.5°	68.0
45°	48.8
47.5°	32.9
50°	22.3
52.5°	15.9
55°	14.9
57.5°	13.8
60°	11.7
62.5°	10.6
65°	9.6
67.5°	8.5
70°	7.4
72.5°	6.4
75°	5.3
77.5°	4.2
80°	3.2
82.5°	2.1
85°	1.1
87.5°	1.1
90°	0.0

(END OF REPORT)