

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: P1262740

Luminaire Tested: P3A13R409727DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262740
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R409727DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 97CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

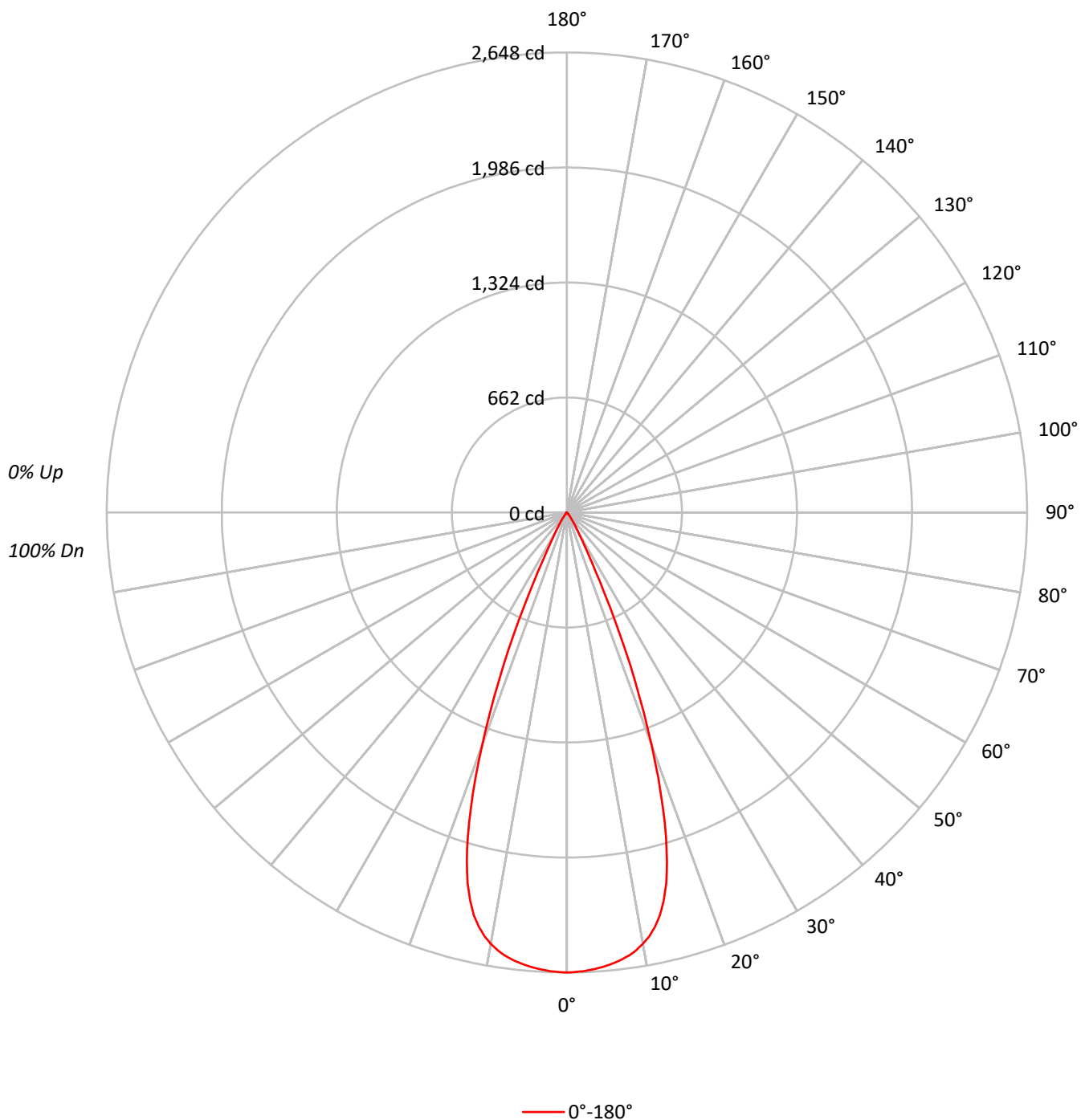
Lumens per Lamp: N/A
Luminaire Lumens: 1139.0 lumens
Efficiency: N/A
Efficacy: 78.0 lumens/watt
Spacing Criteria (0/90/45): 0.7 / 0.7 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RC	80					70					50					30					10
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	115	112	110	109		112	110	109	107		106	105	104		103	102	101		99	98	98
2	111	107	104	101		109	105	102	100		102	100	98		99	97	96		96	95	94
3	107	102	98	95		105	100	97	94		98	95	93		96	93	91		93	91	90
4	103	97	93	90		101	96	92	89		94	91	88		92	89	87		90	88	86
5	99	93	89	85		98	92	88	85		91	87	84		89	86	84		88	85	83
6	96	89	85	81		95	89	84	81		87	83	81		86	83	80		85	82	80
7	93	86	81	78		92	85	81	78		84	80	77		83	80	77		82	79	77
8	90	83	78	75		89	82	78	75		81	77	75		80	77	74		79	76	74
9	87	80	75	72		86	79	75	72		78	75	72		78	74	72		77	74	71
10	84	77	72	70		83	77	72	69		76	72	69		75	72	69		74	71	69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	580568
5°	576380
10°	561290
15°	501388
20°	332459
25°	124556
30°	33322
35°	13010
40°	4666
45°	2233
50°	682
55°	306
60°	175
65°	208
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2233 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	247.1	21.7
10°-20°	585.2	51.4
20°-30°	265.4	23.3
30°-40°	34.4	3.0
40°-50°	6.0	0.5
50°-60°	0.7	0.1
60°-70°	0.2	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	1097.7	96.4
0°-40°	1132.1	99.4
0°-60°	1138.8	100.0
0°-90°	1139.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1139.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2648	
5°	2618	247
15°	2209	585
25°	515	265
35°	49	34
45°	7	6
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2647.6
1°	2646.0
2°	2642.0
3°	2636.1
4°	2628.5
5°	2618.5
6°	2607.0
7°	2592.6
8°	2575.1
9°	2551.1
10°	2520.8
11°	2485.3
12°	2437.9
13°	2379.3
14°	2302.7
15°	2208.6
16°	2088.6
17°	1951.8
18°	1787.6
19°	1614.1
20°	1424.7
21°	1235.3
22°	1048.7
23°	862.9
24°	680.2
25°	514.8
26°	381.2
27°	279.1
28°	209.7
29°	163.1
30°	131.6
31°	108.9
32°	90.9
32.5°	82.9
33°	75.0
34°	61.0
35°	48.6
36°	38.3
37°	30.3
37.5°	27.1
38°	23.9
39°	19.9
40°	16.3
42.5°	10.8
45°	7.2

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CANDELA DISTRIBUTION (continued):

	0°
47.5°	4.4
50°	2.0
52.5°	0.8
55°	0.8
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)