

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: P1269877

Luminaire Tested: P3A13R409740DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269877
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: P3A13R409740DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 97CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

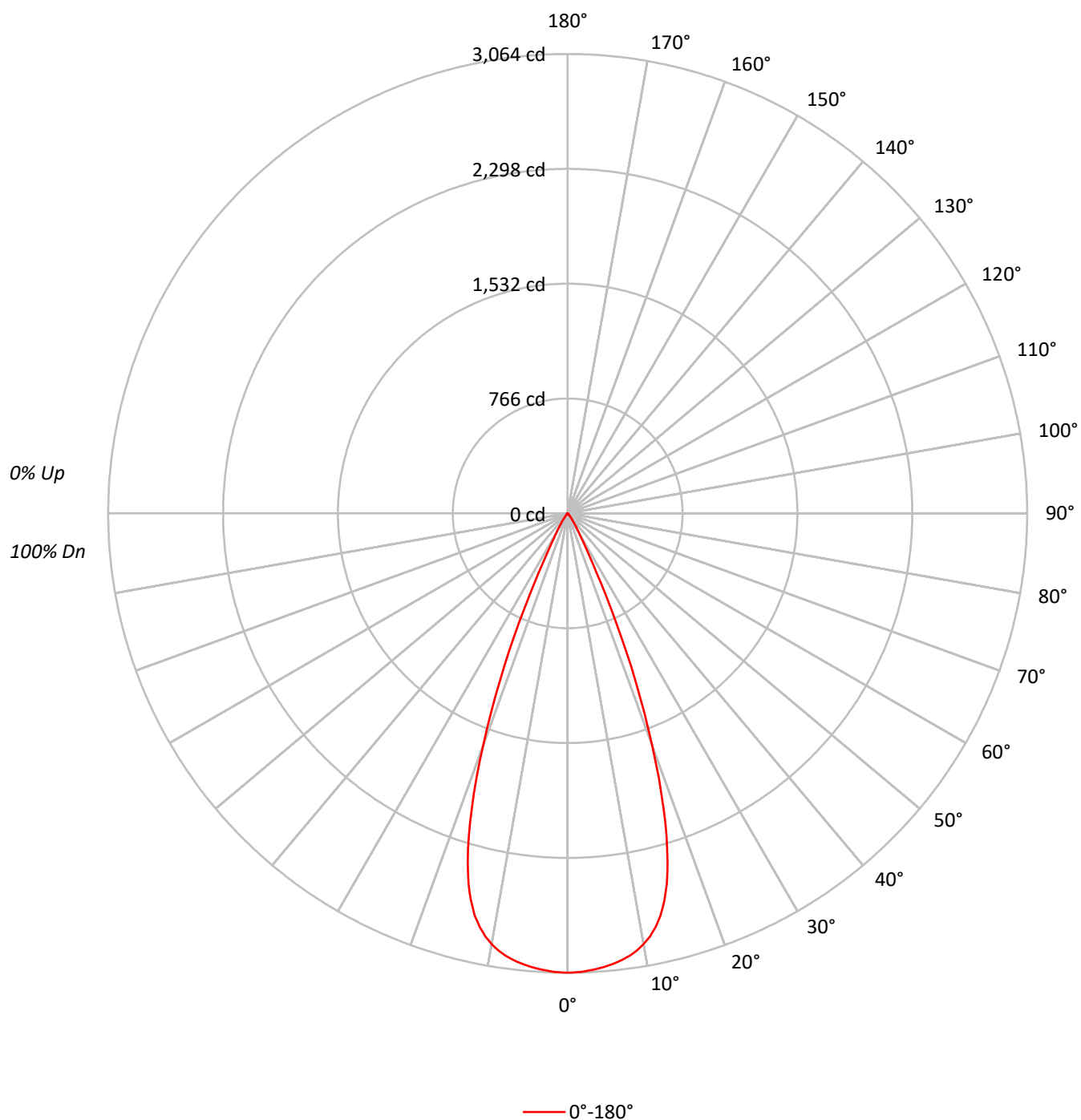
Lumens per Lamp: N/A
Luminaire Lumens: 1318.0 lumens
Efficiency: N/A
Efficacy: 90.3 lumens/watt
Spacing Criteria (0/90/45): 0.7 / 0.7 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	671810
5°	666958
10°	649509
15°	580185
20°	384707
25°	144129
30°	38563
35°	15071
40°	5410
45°	2574
50°	785
55°	344
60°	219
65°	259
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2574 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	285.9	21.7
10°-20°	677.2	51.4
20°-30°	307.1	23.3
30°-40°	39.8	3.0
40°-50°	6.9	0.5
50°-60°	0.8	0.1
60°-70°	0.3	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°	1270.2	96.4
0°-40°	1310.0	99.4
0°-60°	1317.7	100.0
0°-90°	1318.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1318.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3064	
5°	3030	286
15°	2556	677
25°	596	307
35°	56	40
45°	8	7
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3063.7
1°	3061.9
2°	3057.3
3°	3050.3
4°	3041.6
5°	3030.0
6°	3016.7
7°	3000.0
8°	2979.7
9°	2952.1
10°	2917.0
11°	2875.9
12°	2821.0
13°	2753.2
14°	2664.6
15°	2555.7
16°	2416.8
17°	2258.6
18°	2068.5
19°	1867.8
20°	1648.6
21°	1429.4
22°	1213.5
23°	998.5
24°	787.2
25°	595.7
26°	441.1
27°	323.0
28°	242.7
29°	188.7
30°	152.3
31°	126.0
32°	105.2
32.5°	96.0
33°	86.7
34°	70.6
35°	56.3
36°	44.3
37°	35.1
37.5°	31.4
38°	27.7
39°	23.1
40°	18.9
42.5°	12.5
45°	8.3

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CANDELA DISTRIBUTION (continued):

	0°
47.5°	5.1
50°	2.3
52.5°	0.9
55°	0.9
57.5°	0.5
60°	0.5
62.5°	0.5
65°	0.5
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)