

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: P1267668

Luminaire Tested: P3A13R709735DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267668
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R709735DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 97CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

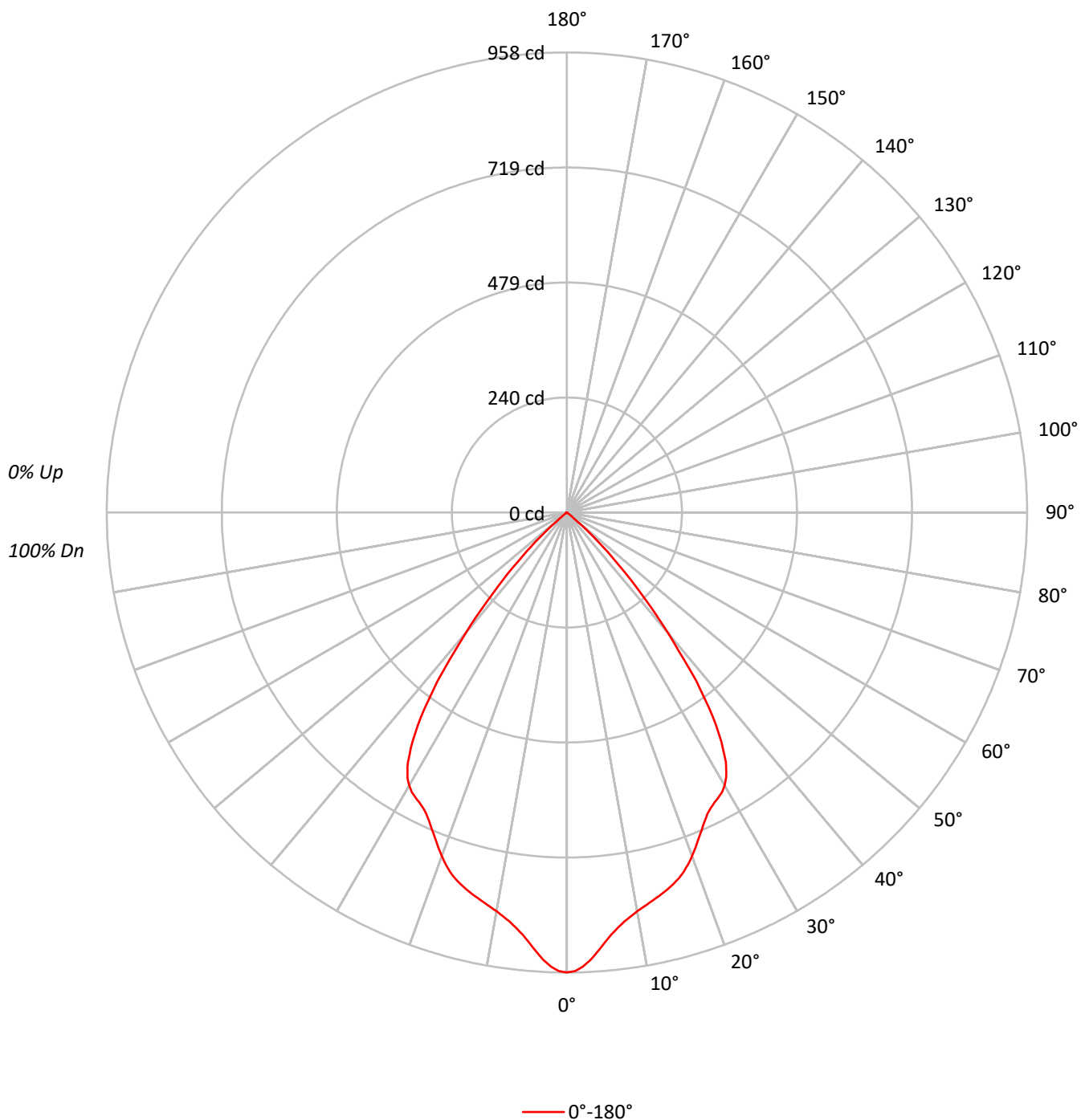
Lumens per Lamp: N/A
Luminaire Lumens: 1079.9 lumens
Efficiency: N/A
Efficacy: 74.0 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		86
4	95	87	81	77	94	86	81	77	84	79	76		82	78	75		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	75	69	64	83	75	69	64	73	68	64		72	67	63		70
7	80	70	64	59	79	70	63	59	68	63	59		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		55	50	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	210005
5°	198018
10°	187750
15°	184382
20°	177722
25°	167526
30°	166329
35°	144875
40°	93718
45°	44284
50°	6209
55°	497
60°	395
65°	467
70°	256
75°	339
80°	505
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 44284 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.0	7.8
10°-20°	228.1	21.1
20°-30°	322.7	29.9
30°-40°	324.3	30.0
40°-50°	116.6	10.8
50°-60°	3.1	0.3
60°-70°	0.7	0.1
70°-80°	0.4	0.0
80°-90°	0.1	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°	634.7	58.8
0°-40°	959.0	88.8
0°-60°	1078.7	99.9
0°-90°	1079.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1079.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	958	
5°	900	84
15°	812	228
25°	692	323
35°	541	324
45°	143	117
55°	1	3
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	957.7
1°	955.0
2°	946.6
3°	933.3
4°	916.4
5°	899.6
6°	883.6
7°	871.2
8°	860.1
9°	851.2
10°	843.2
11°	836.6
12°	830.4
13°	824.2
14°	818.4
15°	812.2
16°	804.6
17°	796.7
18°	786.9
19°	774.9
20°	761.6
21°	747.0
22°	732.3
23°	718.1
24°	704.4
25°	692.4
26°	684.0
27°	677.3
28°	672.0
29°	665.8
30°	656.9
31°	644.1
32°	625.9
32.5°	615.7
33°	601.9
34°	574.9
35°	541.2
36°	503.9
37°	461.8
37.5°	442.2
38°	415.6
39°	368.2
40°	327.4
42.5°	226.7
45°	142.8



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	76.7
50°	18.2
52.5°	2.2
55°	1.3
57.5°	1.3
60°	0.9
62.5°	0.9
65°	0.9
67.5°	0.4
70°	0.4
72.5°	0.4
75°	0.4
77.5°	0.4
80°	0.4
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)