

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: P1261710

Luminaire Tested: P3AS02R709727DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261710
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: P3AS02R709727DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 97CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

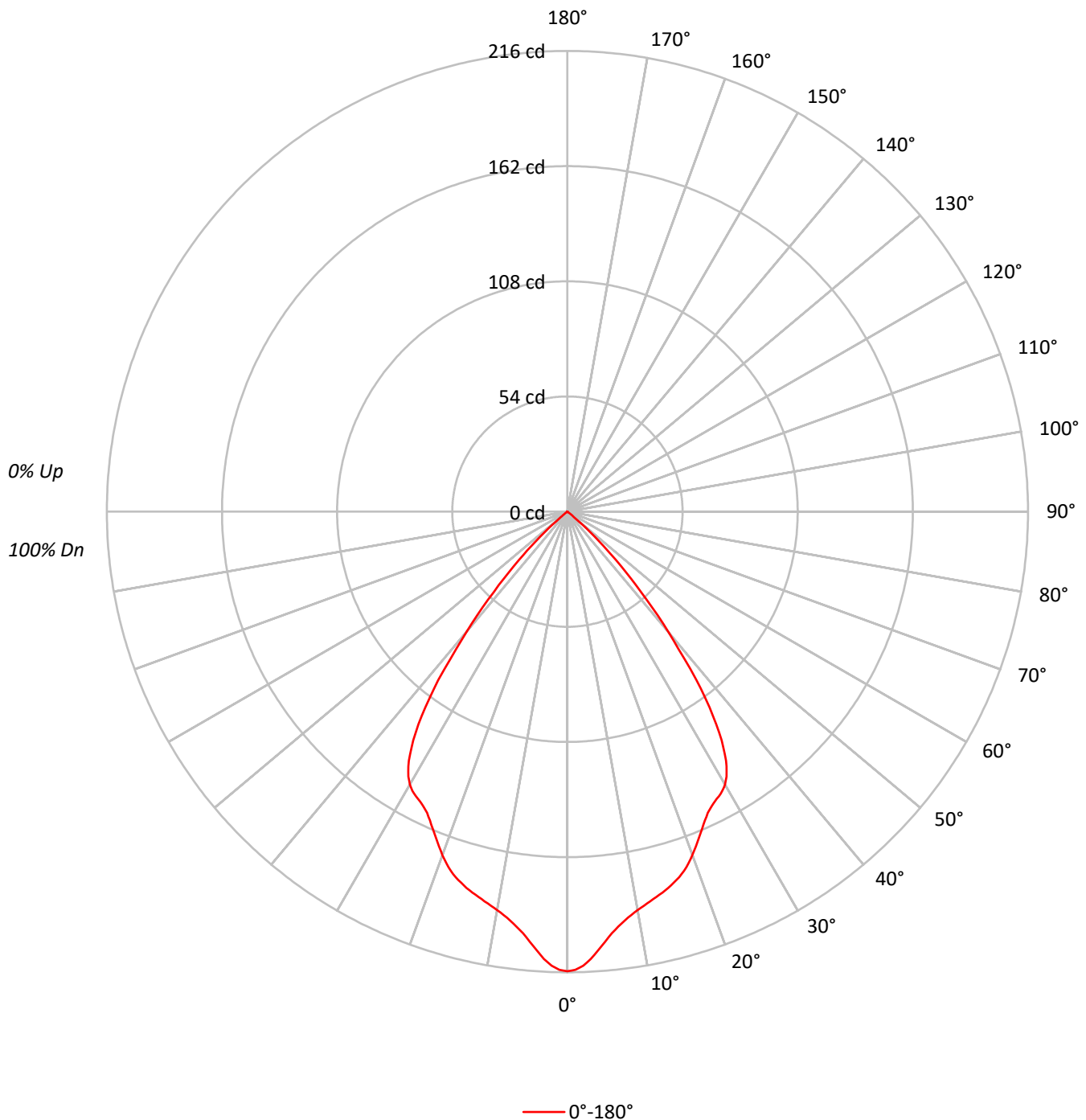
Lumens per Lamp: N/A
Luminaire Lumens: 243.0 lumens
Efficiency: N/A
Efficacy: 67.5 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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°	47255
5°	44552
10°	42239
15°	41476
20°	39997
25°	37696
30°	37423
35°	32605
40°	21097
45°	9955
50°	1399
55°	115
60°	88
65°	104
70°	64
75°	85
80°	126
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9955 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.9	7.8
10°-20°	51.3	21.1
20°-30°	72.6	29.9
30°-40°	73.0	30.0
40°-50°	26.2	10.8
50°-60°	0.7	0.3
60°-70°	0.2	0.1
70°-80°	0.1	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°	142.8	58.8
0°-40°	215.8	88.8
0°-60°	242.7	99.9
0°-90°	243.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	243.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	216	
5°	202	19
15°	183	51
25°	156	73
35°	122	73
45°	32	26
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	215.5
1°	214.9
2°	213.0
3°	210.0
4°	206.2
5°	202.4
6°	198.8
7°	196.0
8°	193.5
9°	191.5
10°	189.7
11°	188.2
12°	186.8
13°	185.4
14°	184.1
15°	182.7
16°	181.0
17°	179.2
18°	177.1
19°	174.4
20°	171.4
21°	168.1
22°	164.8
23°	161.6
24°	158.5
25°	155.8
26°	153.9
27°	152.4
28°	151.2
29°	149.8
30°	147.8
31°	144.9
32°	140.8
32.5°	138.5
33°	135.4
34°	129.3
35°	121.8
36°	113.4
37°	103.9
37.5°	99.5
38°	93.5
39°	82.8
40°	73.7
42.5°	51.0
45°	32.1



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	17.3
50°	4.1
52.5°	0.5
55°	0.3
57.5°	0.3
60°	0.2
62.5°	0.2
65°	0.2
67.5°	0.1
70°	0.1
72.5°	0.1
75°	0.1
77.5°	0.1
80°	0.1
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)