

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: P1259072

Luminaire Tested: P3AS02R709050DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259072
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: P3AS02R709050DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 5000K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

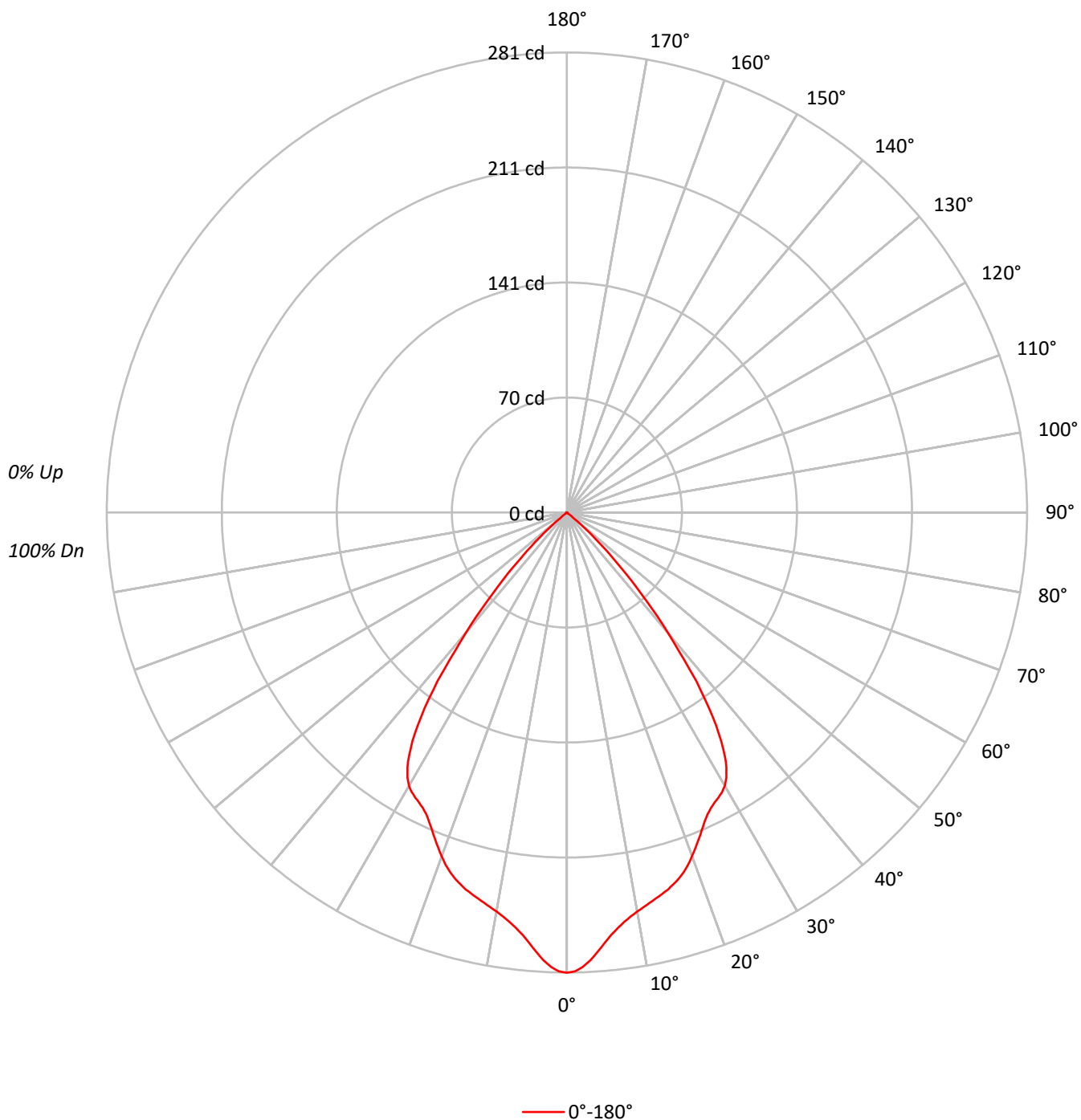
Lumens per Lamp: N/A
Luminaire Lumens: 317.0 lumens
Efficiency: N/A
Efficacy: 88.0 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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°	61640
5°	58111
10°	55109
15°	54121
20°	52155
25°	49164
30°	48818
35°	42510
40°	27509
45°	12994
50°	1808
55°	153
60°	132
65°	156
70°	64
75°	85
80°	126
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12994 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.7	7.8
10°-20°	66.9	21.1
20°-30°	94.7	29.9
30°-40°	95.2	30.0
40°-50°	34.2	10.8
50°-60°	0.9	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°	186.3	58.8
0°-40°	281.5	88.8
0°-60°	316.6	99.9
0°-90°	317.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	317.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	281	
5°	264	25
15°	238	67
25°	203	95
35°	159	95
45°	42	34
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	281.1
1°	280.3
2°	277.8
3°	273.9
4°	269.0
5°	264.0
6°	259.4
7°	255.7
8°	252.5
9°	249.8
10°	247.5
11°	245.6
12°	243.7
13°	241.9
14°	240.2
15°	238.4
16°	236.2
17°	233.8
18°	231.0
19°	227.5
20°	223.5
21°	219.3
22°	215.0
23°	210.8
24°	206.8
25°	203.2
26°	200.8
27°	198.8
28°	197.2
29°	195.4
30°	192.8
31°	189.0
32°	183.7
32.5°	180.7
33°	176.7
34°	168.7
35°	158.8
36°	147.9
37°	135.5
37.5°	129.8
38°	122.0
39°	108.1
40°	96.1
42.5°	66.5
45°	41.9



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	22.5
50°	5.3
52.5°	0.7
55°	0.4
57.5°	0.4
60°	0.3
62.5°	0.3
65°	0.3
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)