

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: P1261266

Luminaire Tested: P3AS24R709050D010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261266
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: P3AS24R709050D010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 5000K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

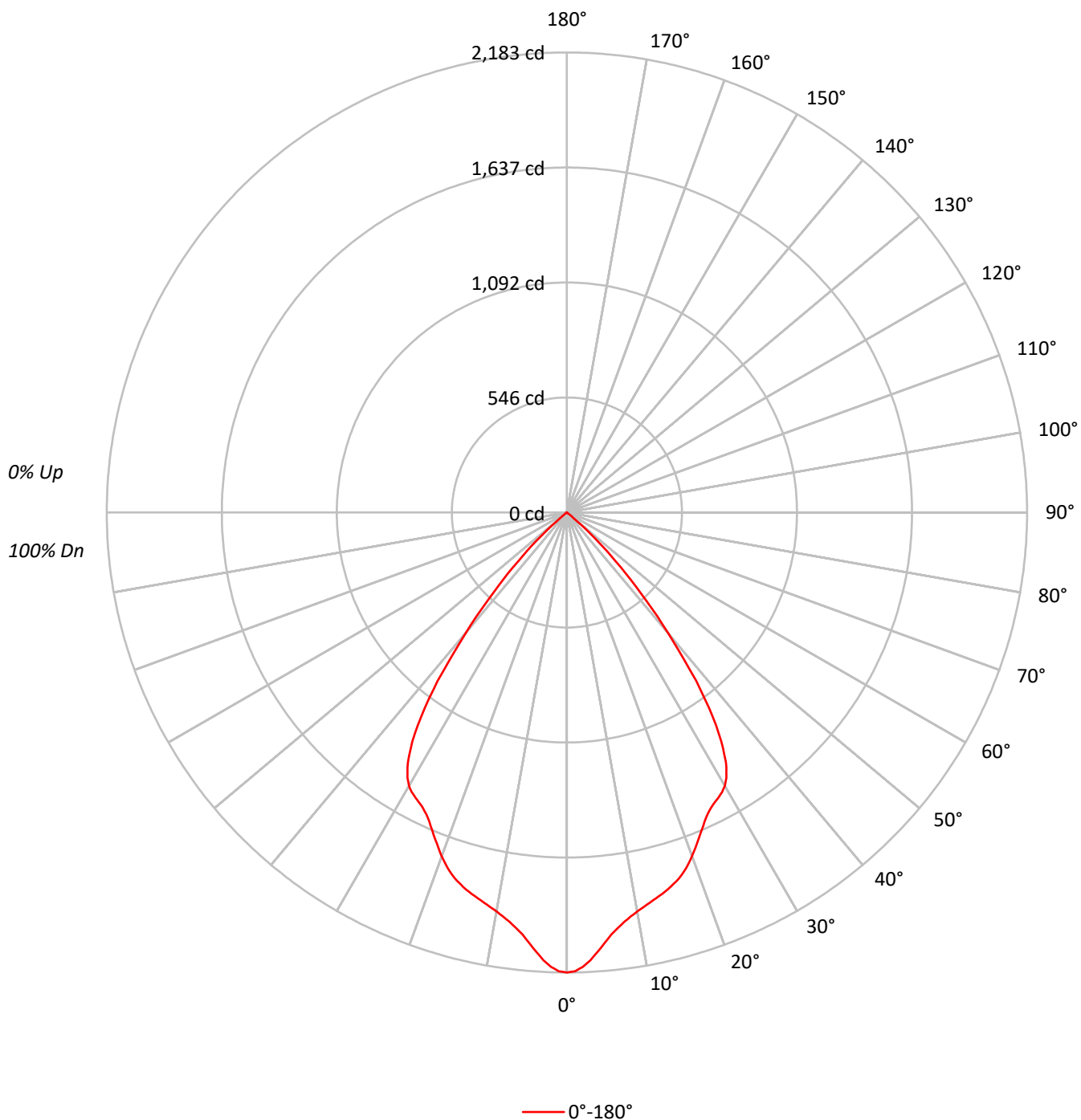
Lumens per Lamp: N/A
Luminaire Lumens: 2462.0 lumens
Efficiency: N/A
Efficacy: 85.5 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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°	478712
5°	451397
10°	428026
15°	420320
20°	405149
25°	381893
30°	379198
35°	330225
40°	213600
45°	100972
50°	14157
55°	1147
60°	877
65°	1038
70°	641
75°	847
80°	1263
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 100972 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.5	7.8
10°-20°	519.9	21.1
20°-30°	735.6	29.9
30°-40°	739.2	30.0
40°-50°	265.8	10.8
50°-60°	7.1	0.3
60°-70°	1.6	0.1
70°-80°	1.1	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°	1447.0	58.8
0°-40°	2186.2	88.8
0°-60°	2459.2	99.9
0°-90°	2462.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2462.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2183	
5°	2051	191
15°	1852	520
25°	1578	736
35°	1234	739
45°	326	266
55°	3	7
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2183.1
1°	2177.1
2°	2157.9
3°	2127.5
4°	2089.1
5°	2050.7
6°	2014.3
7°	1986.0
8°	1960.7
9°	1940.5
10°	1922.3
11°	1907.1
12°	1892.9
13°	1878.8
14°	1865.6
15°	1851.5
16°	1834.3
17°	1816.1
18°	1793.8
19°	1766.5
20°	1736.2
21°	1702.8
22°	1669.5
23°	1637.1
24°	1605.8
25°	1578.4
26°	1559.2
27°	1544.1
28°	1531.9
29°	1517.8
30°	1497.6
31°	1468.2
32°	1426.8
32.5°	1403.5
33°	1372.2
34°	1310.5
35°	1233.6
36°	1148.7
37°	1052.6
37.5°	1008.1
38°	947.5
39°	839.3
40°	746.2
42.5°	516.7
45°	325.6



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	174.9
50°	41.5
52.5°	5.1
55°	3.0
57.5°	3.0
60°	2.0
62.5°	2.0
65°	2.0
67.5°	1.0
70°	1.0
72.5°	1.0
75°	1.0
77.5°	1.0
80°	1.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)