

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: P1255959

Luminaire Tested: P3A24R709035D010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255959
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: P3A24R709035D010 E3D1LI
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

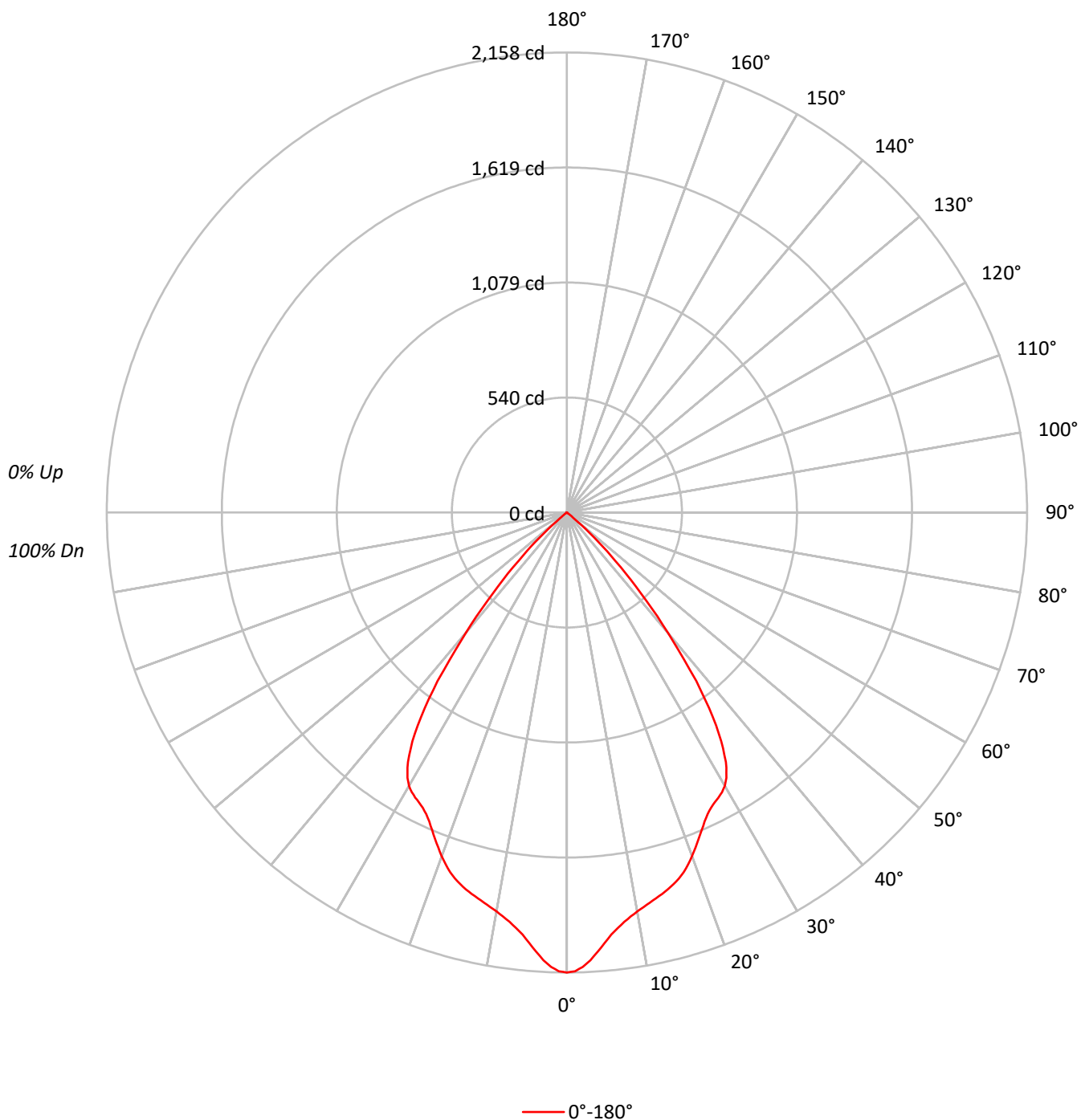
Lumens per Lamp: N/A
Luminaire Lumens: 2434.0 lumens
Efficiency: N/A
Efficacy: 84.5 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	473273
5°	446246
10°	423150
15°	415530
20°	400528
25°	377562
30°	374868
35°	326478
40°	211196
45°	99824
50°	13987
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: 99824 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	189.3	7.8
10°-20°	514.0	21.1
20°-30°	727.2	29.9
30°-40°	730.8	30.0
40°-50°	262.8	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°	1430.5	58.8
0°-40°	2161.3	88.8
0°-60°	2431.2	99.9
0°-90°	2434.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2434.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2158	
5°	2027	189
15°	1830	514
25°	1560	727
35°	1220	731
45°	322	263
55°	3	7
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2158.3
1°	2152.3
2°	2133.3
3°	2103.3
4°	2065.3
5°	2027.3
6°	1991.4
7°	1963.4
8°	1938.4
9°	1918.4
10°	1900.4
11°	1885.4
12°	1871.4
13°	1857.4
14°	1844.4
15°	1830.4
16°	1813.4
17°	1795.4
18°	1773.4
19°	1746.4
20°	1716.4
21°	1683.5
22°	1650.5
23°	1618.5
24°	1587.5
25°	1560.5
26°	1541.5
27°	1526.5
28°	1514.5
29°	1500.5
30°	1480.5
31°	1451.5
32°	1410.5
32.5°	1387.6
33°	1356.6
34°	1295.6
35°	1219.6
36°	1135.6
37°	1040.7
37.5°	996.7
38°	936.7
39°	829.7
40°	737.8
42.5°	510.8
45°	321.9

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CANDELA DISTRIBUTION (continued):

	0°
47.5°	172.9
50°	41.0
52.5°	5.0
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)