

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: P1255933

Luminaire Tested: P3A24R659035D010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255933
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R659035D010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

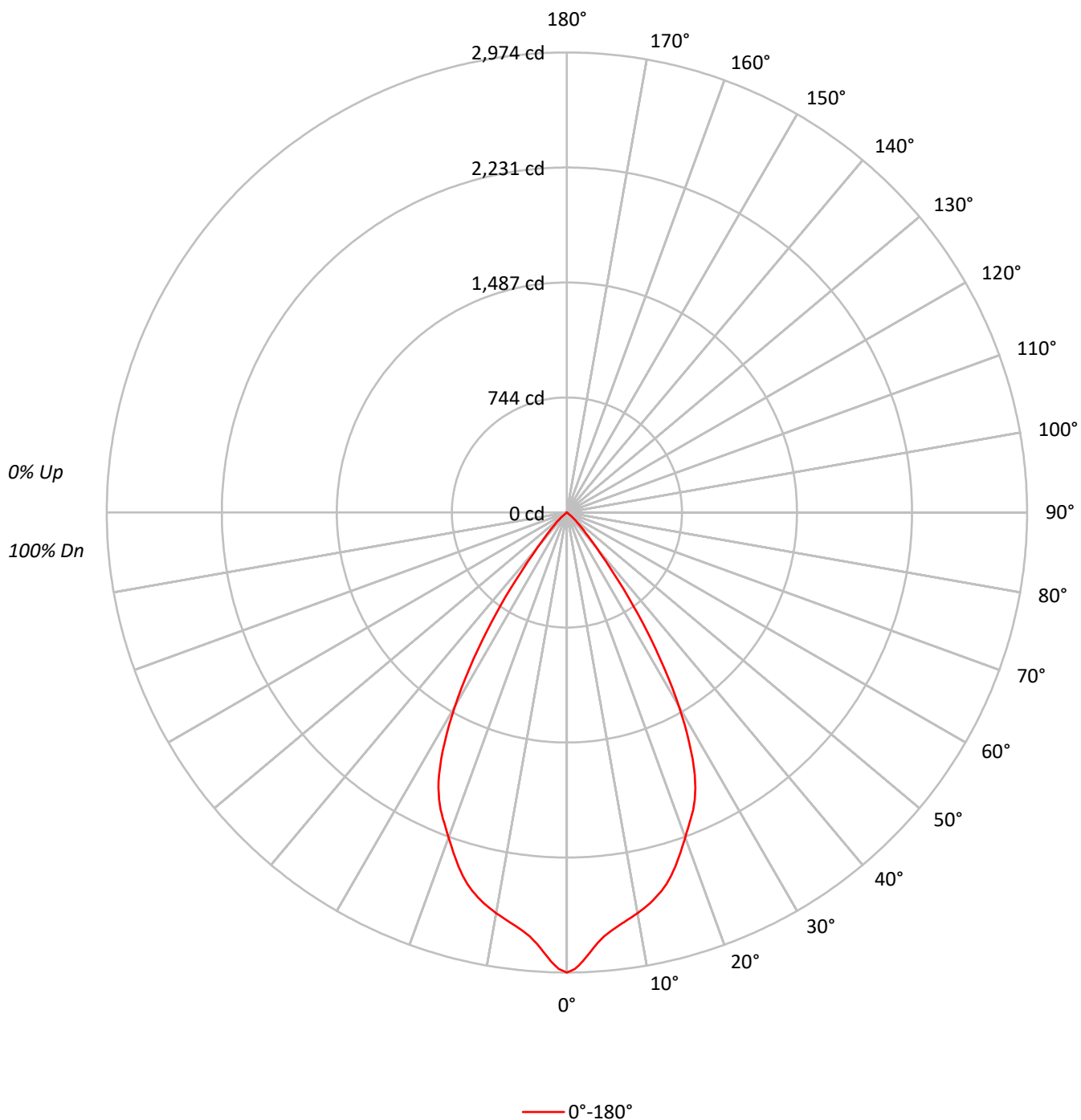
Lumens per Lamp: N/A
Luminaire Lumens: 2434.0 lumens
Efficiency: N/A
Efficacy: 84.5 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	111	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	95	91	88	93	89	86		90	87	85		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	79	75	92	84	79	75	82	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	69		76	72	69		75
7	84	75	70	65	83	75	69	65	73	69	65		72	68	65		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	67	61	58	76	67	61	57	66	61	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	652207
5°	605589
10°	585627
15°	564385
20°	521779
25°	475406
30°	367297
35°	212896
40°	84473
45°	36004
50°	8529
55°	1147
60°	877
65°	519
70°	641
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36004 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	259.5	10.7
10°-20°	692.7	28.5
20°-30°	876.7	36.0
30°-40°	499.3	20.5
40°-50°	99.2	4.1
50°-60°	5.1	0.2
60°-70°	1.4	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°	1828.9	75.1
0°-40°	2328.2	95.7
0°-60°	2432.5	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°	2974	
5°	2751	259
15°	2486	693
25°	1965	877
35°	795	499
45°	116	99
55°	3	5
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2974.3
1°	2952.3
2°	2904.3
3°	2848.2
4°	2793.2
5°	2751.2
6°	2720.2
7°	2695.2
8°	2673.2
9°	2651.2
10°	2630.1
11°	2607.1
12°	2583.1
13°	2554.1
14°	2523.1
15°	2486.1
16°	2442.1
17°	2394.0
18°	2342.0
19°	2287.0
20°	2236.0
21°	2184.0
22°	2136.9
23°	2087.9
24°	2030.9
25°	1964.9
26°	1885.8
27°	1790.8
28°	1683.7
29°	1569.7
30°	1450.6
31°	1319.6
32°	1189.5
32.5°	1122.5
33°	1057.5
34°	925.4
35°	795.3
36°	675.3
37°	556.2
37.5°	495.2
38°	446.2
39°	361.2
40°	295.1
42.5°	182.1
45°	116.1



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	68.0
50°	25.0
52.5°	5.0
55°	3.0
57.5°	2.0
60°	2.0
62.5°	2.0
65°	1.0
67.5°	1.0
70°	1.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)