

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: P1255904

Luminaire Tested: P3A24R609035D010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255904
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R609035D010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

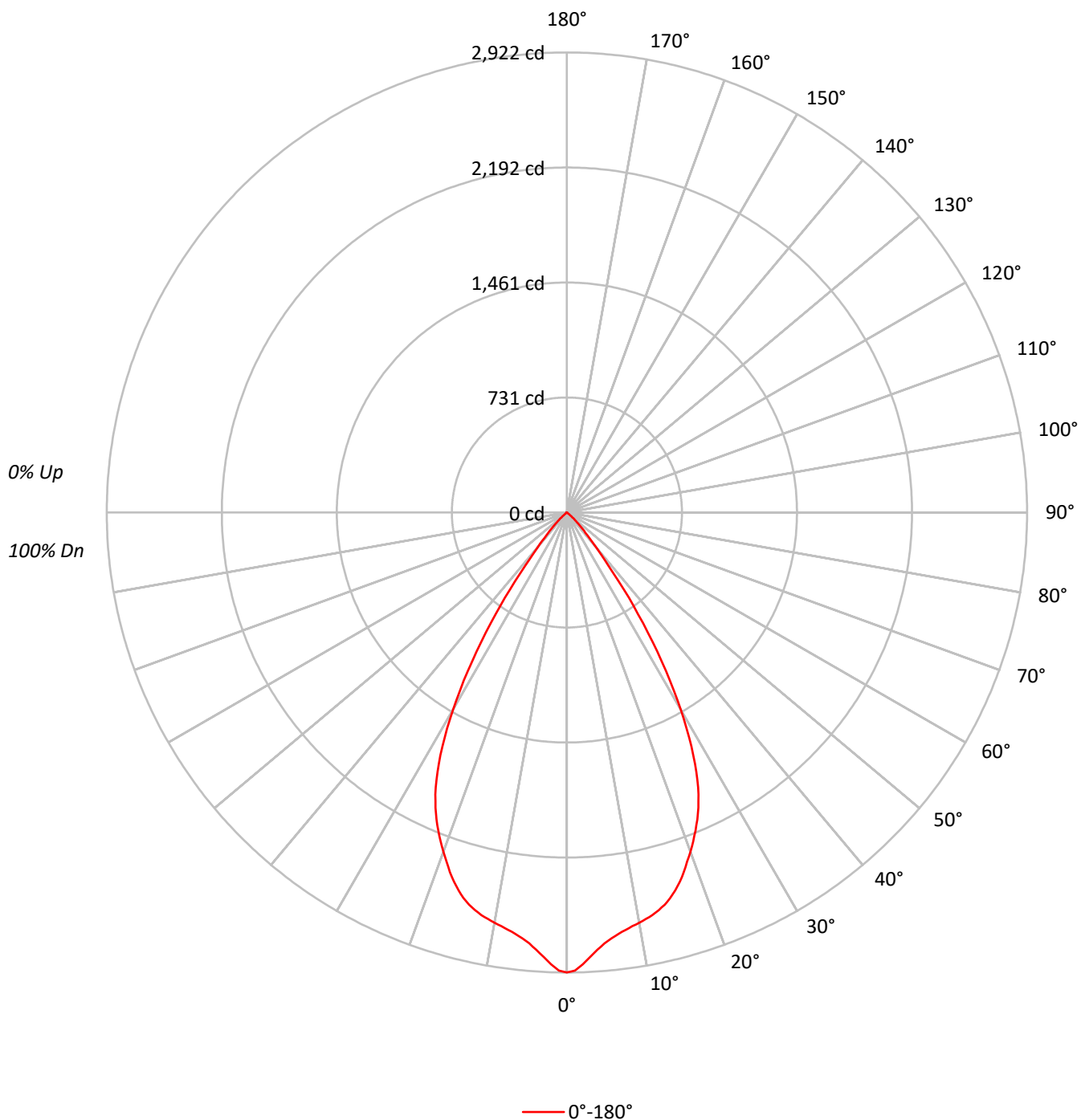
Lumens per Lamp: N/A
Luminaire Lumens: 2445.0 lumens
Efficiency: N/A
Efficacy: 84.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1255904

CATALOG NUMBER: P3A24R609035D010 E3D1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1255904

CATALOG NUMBER: P3A24R609035D010 E3D1WMH

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	96	91	88	93	89	86		91	87	85		88
4	98	91	85	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	65	61	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	640628
5°	604775
10°	589034
15°	575577
20°	535173
25°	478407
30°	365423
35°	210968
40°	81868
45°	34112
50°	7505
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: 34112 cd/sqm

TEST NUMBER: P1255904

CATALOG NUMBER: P3A24R609035D010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	259.4	10.6
10°-20°	706.3	28.9
20°-30°	884.6	36.2
30°-40°	494.5	20.2
40°-50°	94.0	3.8
50°-60°	4.8	0.2
60°-70°	1.1	0.0
70°-80°	0.4	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°	1850.2	75.7
0°-40°	2344.7	95.9
0°-60°	2443.5	99.9
0°-90°	2445.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2445.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2922	
5°	2748	259
15°	2535	706
25°	1977	885
35°	788	495
45°	110	94
55°	3	5
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1255904

CATALOG NUMBER: P3A24R609035D010 E3D1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	2921.5
1°	2909.5
2°	2871.5
3°	2826.5
4°	2784.5
5°	2747.5
6°	2719.4
7°	2695.4
8°	2677.4
9°	2660.4
10°	2645.4
11°	2630.4
12°	2613.4
13°	2592.4
14°	2567.4
15°	2535.4
16°	2496.4
17°	2452.4
18°	2402.4
19°	2345.4
20°	2293.4
21°	2237.4
22°	2179.4
23°	2118.3
24°	2051.3
25°	1977.3
26°	1890.3
27°	1793.3
28°	1684.3
29°	1568.3
30°	1443.2
31°	1317.2
32°	1187.2
32.5°	1116.2
33°	1052.2
34°	919.2
35°	788.1
36°	670.1
37°	545.1
37.5°	488.1
38°	432.1
39°	348.1
40°	286.0
42.5°	174.0
45°	110.0

TEST NUMBER: P1255904

CATALOG NUMBER: P3A24R609035D010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	0°
47.5°	61.0
50°	22.0
52.5°	5.0
55°	3.0
57.5°	2.0
60°	2.0
62.5°	1.0
65°	1.0
67.5°	1.0
70°	1.0
72.5°	1.0
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)