

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: P1261204

Luminaire Tested: P3AS24R609050D010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261204
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: P3AS24R609050D010 E3D1H
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

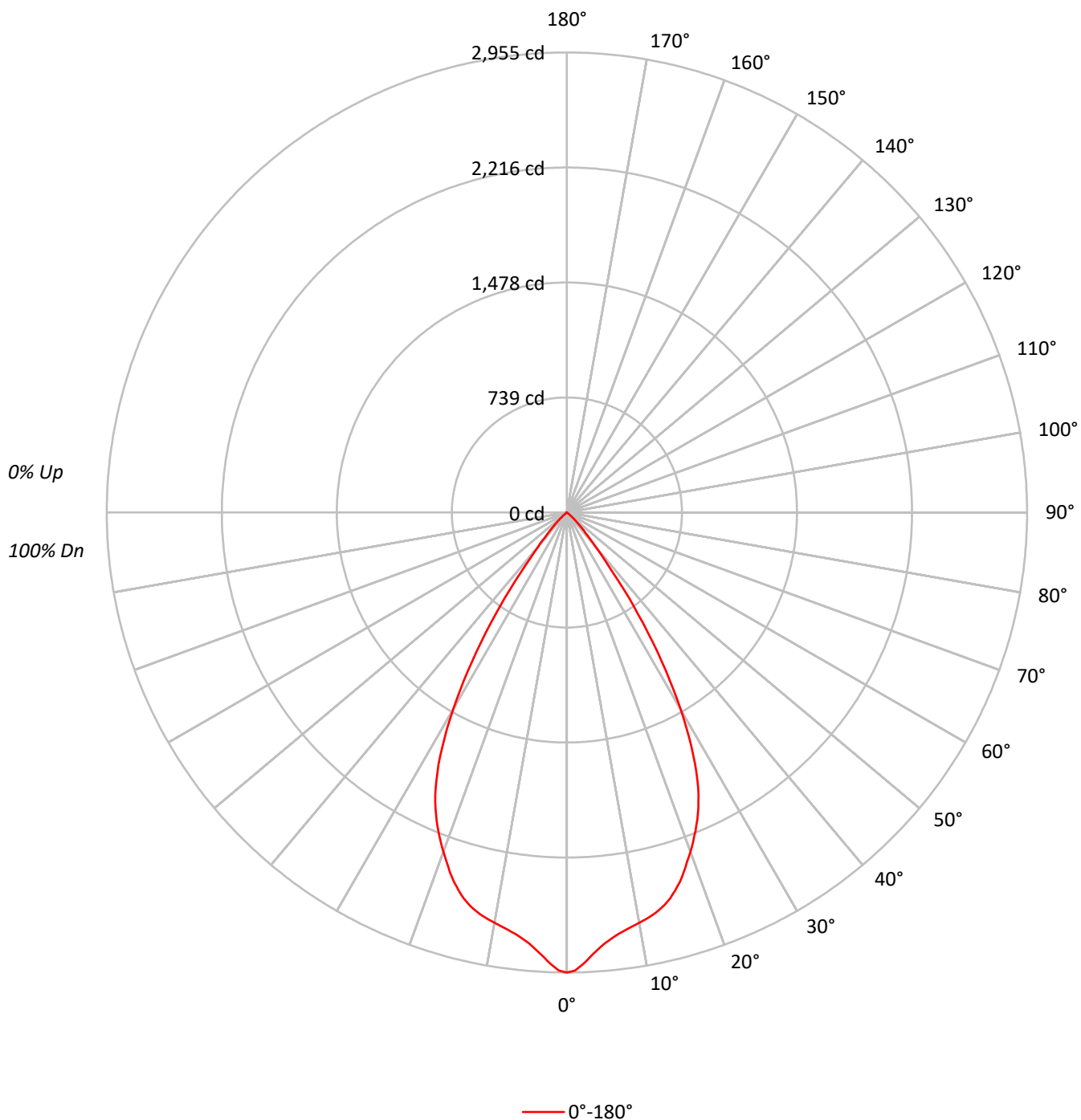
Lumens per Lamp: N/A
Luminaire Lumens: 2473.0 lumens
Efficiency: N/A
Efficacy: 85.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1261204

CATALOG NUMBER: P3AS24R609050D010 E3D1H

Luminous Intensity Polar Plot



TEST NUMBER: P1261204

CATALOG NUMBER: P3AS24R609050D010 E3D1H

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10			0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102			100
1	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96			94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89			88
3	103	97	92	88	101	96	91	88	93	89	86	91	87	85	88	86	84			82
4	98	91	85	81	96	90	85	81	88	83	80	86	82	79	84	81	78			77
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73			72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69			67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64			63
8	81	71	65	61	79	71	65	61	70	65	61	69	64	61	68	64	61			59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57			56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54			53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	647952
5°	611687
10°	595781
15°	582183
20°	541287
25°	483899
30°	369626
35°	213404
40°	82812
45°	34515
50°	7607
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: 34515 cd/sqm

TEST NUMBER: P1261204

CATALOG NUMBER: P3AS24R609050D010 E3D1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	262.3	10.6
10°-20°	714.4	28.9
20°-30°	894.7	36.2
30°-40°	500.2	20.2
40°-50°	95.1	3.8
50°-60°	4.9	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°	1871.4	75.7
0°-40°	2371.5	95.9
0°-60°	2471.5	99.9
0°-90°	2473.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2473.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2955	
5°	2779	262
15°	2564	714
25°	2000	895
35°	797	500
45°	111	95
55°	3	5
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1261204

CATALOG NUMBER: P3AS24R609050D010 E3D1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	2954.9
1°	2942.8
2°	2904.4
3°	2858.8
4°	2816.3
5°	2778.9
6°	2750.6
7°	2726.3
8°	2708.1
9°	2690.9
10°	2675.7
11°	2660.6
12°	2643.4
13°	2622.1
14°	2596.8
15°	2564.5
16°	2525.0
17°	2480.5
18°	2429.9
19°	2372.2
20°	2319.6
21°	2263.0
22°	2204.3
23°	2142.6
24°	2074.8
25°	2000.0
26°	1912.0
27°	1813.8
28°	1703.6
29°	1586.2
30°	1459.8
31°	1332.3
32°	1200.8
32.5°	1129.0
33°	1064.2
34°	929.7
35°	797.2
36°	677.8
37°	551.3
37.5°	493.7
38°	437.0
39°	352.0
40°	289.3
42.5°	176.0
45°	111.3



TEST NUMBER: P1261204

CATALOG NUMBER: P3AS24R609050D010 E3D1H

CANDELA DISTRIBUTION (continued):

	0°
47.5°	61.7
50°	22.3
52.5°	5.1
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)