

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: P1253197

Luminaire Tested: P3AS24R609030D010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253197
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: P3AS24R609030D010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

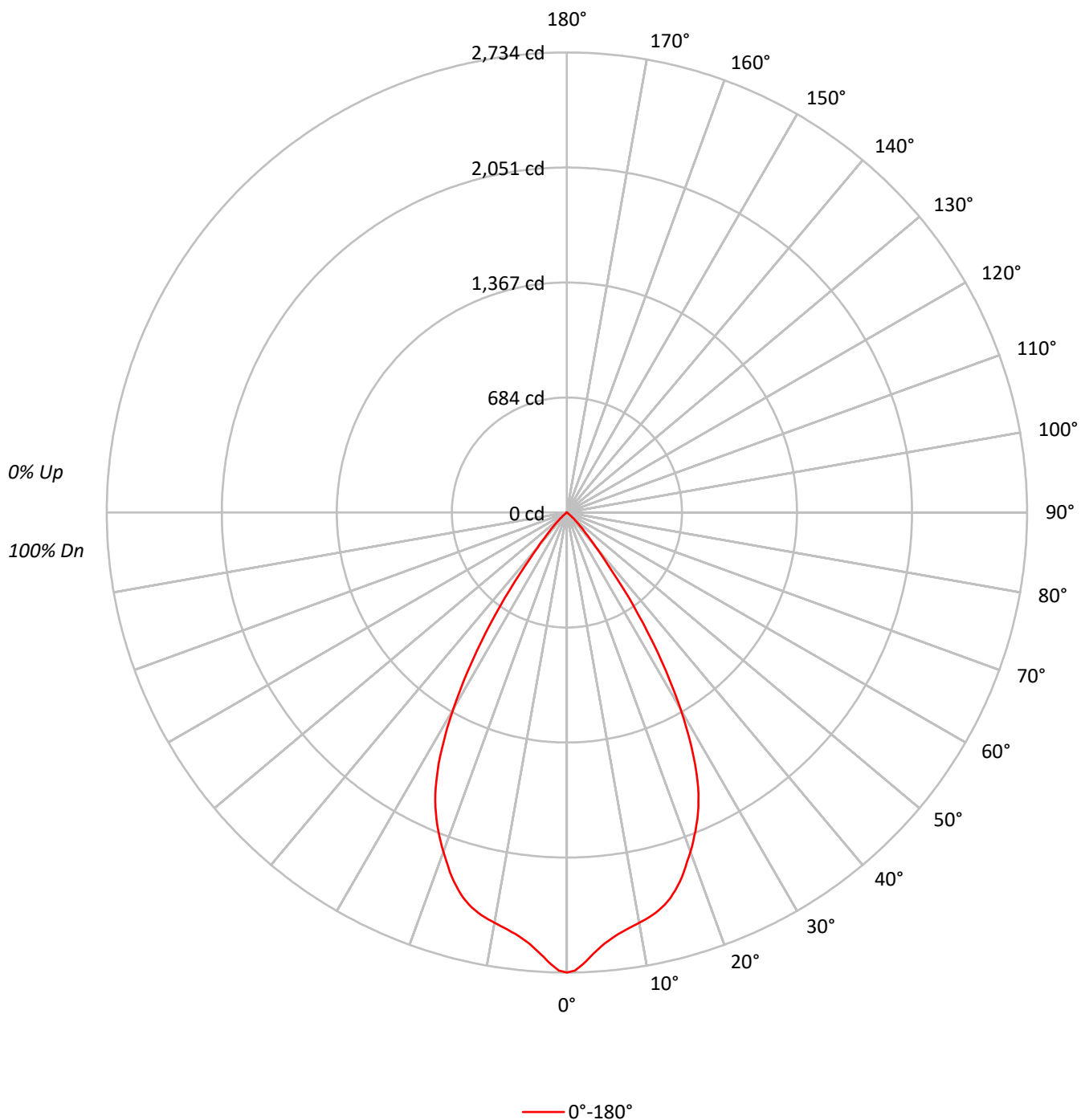
Lumens per Lamp: N/A
Luminaire Lumens: 2288.0 lumens
Efficiency: N/A
Efficacy: 79.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	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°	599491
5°	565924
10°	551226
15°	538618
20°	500800
25°	447703
30°	341977
35°	197423
40°	76629
45°	31941
50°	7027
55°	1070
60°	833
65°	467
70°	577
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 31941 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	242.7	10.6
10°-20°	660.9	28.9
20°-30°	827.8	36.2
30°-40°	462.7	20.2
40°-50°	88.0	3.8
50°-60°	4.5	0.2
60°-70°	1.0	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°	1731.4	75.7
0°-40°	2194.1	95.9
0°-60°	2286.6	99.9
0°-90°	2288.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2288.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2734	
5°	2571	243
15°	2373	661
25°	1850	828
35°	738	463
45°	103	88
55°	3	5
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2733.9
1°	2722.7
2°	2687.1
3°	2645.0
4°	2605.7
5°	2571.0
6°	2544.8
7°	2522.4
8°	2505.5
9°	2489.6
10°	2475.6
11°	2461.5
12°	2445.6
13°	2426.0
14°	2402.6
15°	2372.6
16°	2336.1
17°	2294.9
18°	2248.1
19°	2194.8
20°	2146.1
21°	2093.7
22°	2039.4
23°	1982.3
24°	1919.6
25°	1850.4
26°	1768.9
27°	1678.1
28°	1576.1
29°	1467.6
30°	1350.6
31°	1232.6
32°	1111.0
32.5°	1044.5
33°	984.6
34°	860.1
35°	737.5
36°	627.1
37°	510.1
37.5°	456.7
38°	404.3
39°	325.7
40°	267.7
42.5°	162.9
45°	103.0



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	57.1
50°	20.6
52.5°	4.7
55°	2.8
57.5°	1.9
60°	1.9
62.5°	0.9
65°	0.9
67.5°	0.9
70°	0.9
72.5°	0.9
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)