

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: P1258505

Luminaire Tested: P3AS24R409040D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258505
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R409040D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

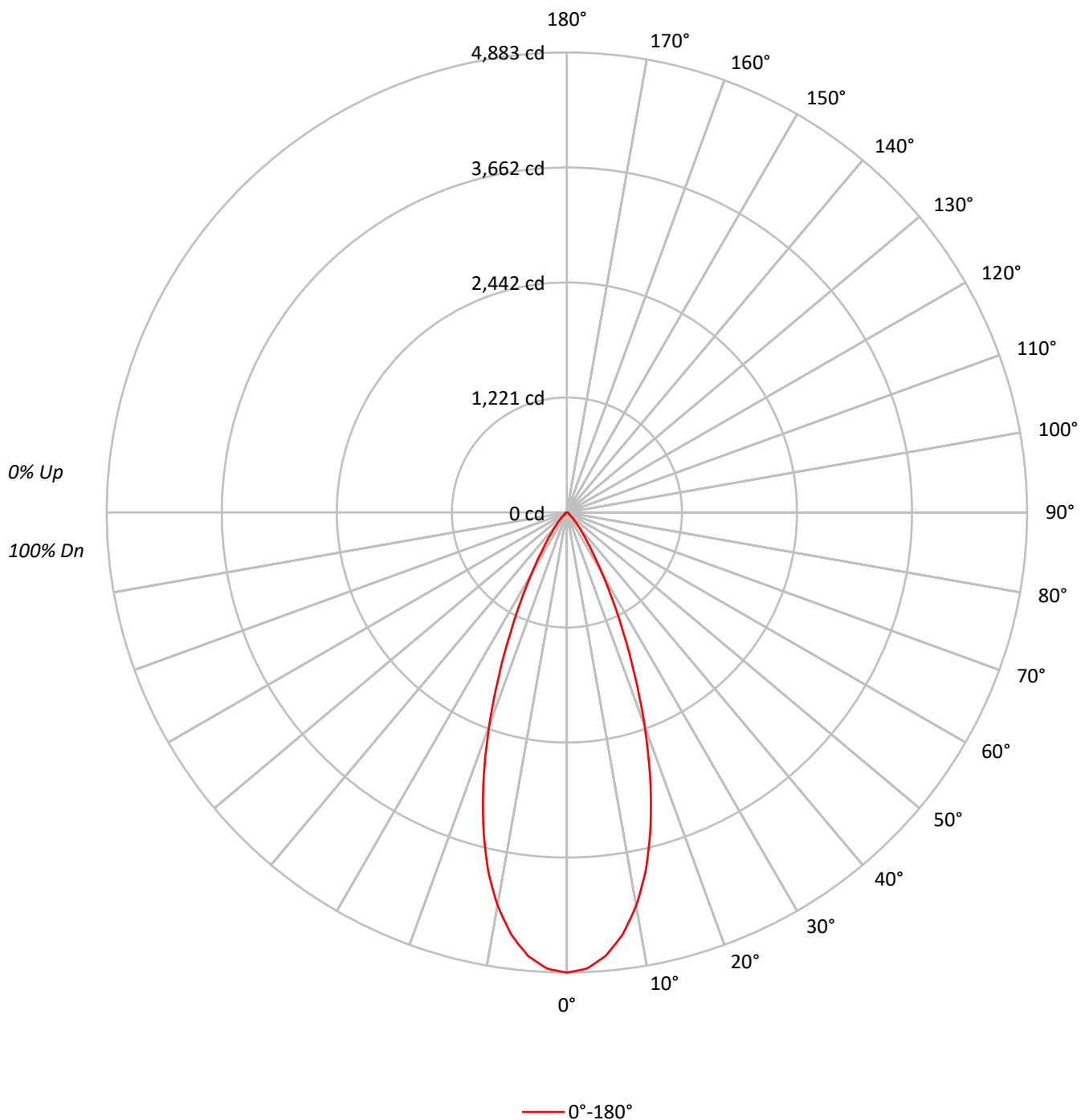
Lumens per Lamp: N/A
Luminaire Lumens: 2420.0 lumens
Efficiency: N/A
Efficacy: 84.0 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	107	112	109	107	105	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86
5	96	88	83	79	94	88	83	79	86	82	78		84	81	78		83
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		79
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		73
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1070835
5°	1039707
10°	943514
15°	779460
20°	562266
25°	347778
30°	188282
35°	97306
40°	52928
45°	29615
50°	14874
55°	11125
60°	9999
65°	9703
70°	9296
75°	8811
80°	7829
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29615 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	435.4	18.0
10°-20°	934.9	38.6
20°-30°	667.2	27.6
30°-40°	245.6	10.2
40°-50°	77.3	3.2
50°-60°	26.9	1.1
60°-70°	18.5	0.8
70°-80°	11.0	0.5
80°-90°	3.1	0.1
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°	2037.6	84.2
0°-40°	2283.2	94.3
0°-60°	2387.4	98.7
0°-90°	2420.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2420.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4883	
5°	4723	435
15°	3434	935
25°	1437	667
35°	364	246
45°	96	77
55°	29	27
65°	19	18
75°	10	11
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4883.4
2.5°	4846.0
5°	4723.4
7.5°	4519.9
10°	4237.4
12.5°	3878.0
15°	3433.5
17.5°	2935.0
20°	2409.5
22.5°	1892.3
25°	1437.4
27.5°	1055.2
30°	743.6
32.5°	521.4
35°	363.5
37.5°	257.6
40°	184.9
42.5°	132.9
45°	95.5
47.5°	64.4
50°	43.6
52.5°	31.2
55°	29.1
57.5°	27.0
60°	22.8
62.5°	20.8
65°	18.7
67.5°	16.6
70°	14.5
72.5°	12.5
75°	10.4
77.5°	8.3
80°	6.2
82.5°	4.2
85°	2.1
87.5°	2.1
90°	0.0

(END OF REPORT)