

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: P1261102

Luminaire Tested: P3AS24R409050D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261102
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: P3AS24R409050D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R40 optic, 5000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

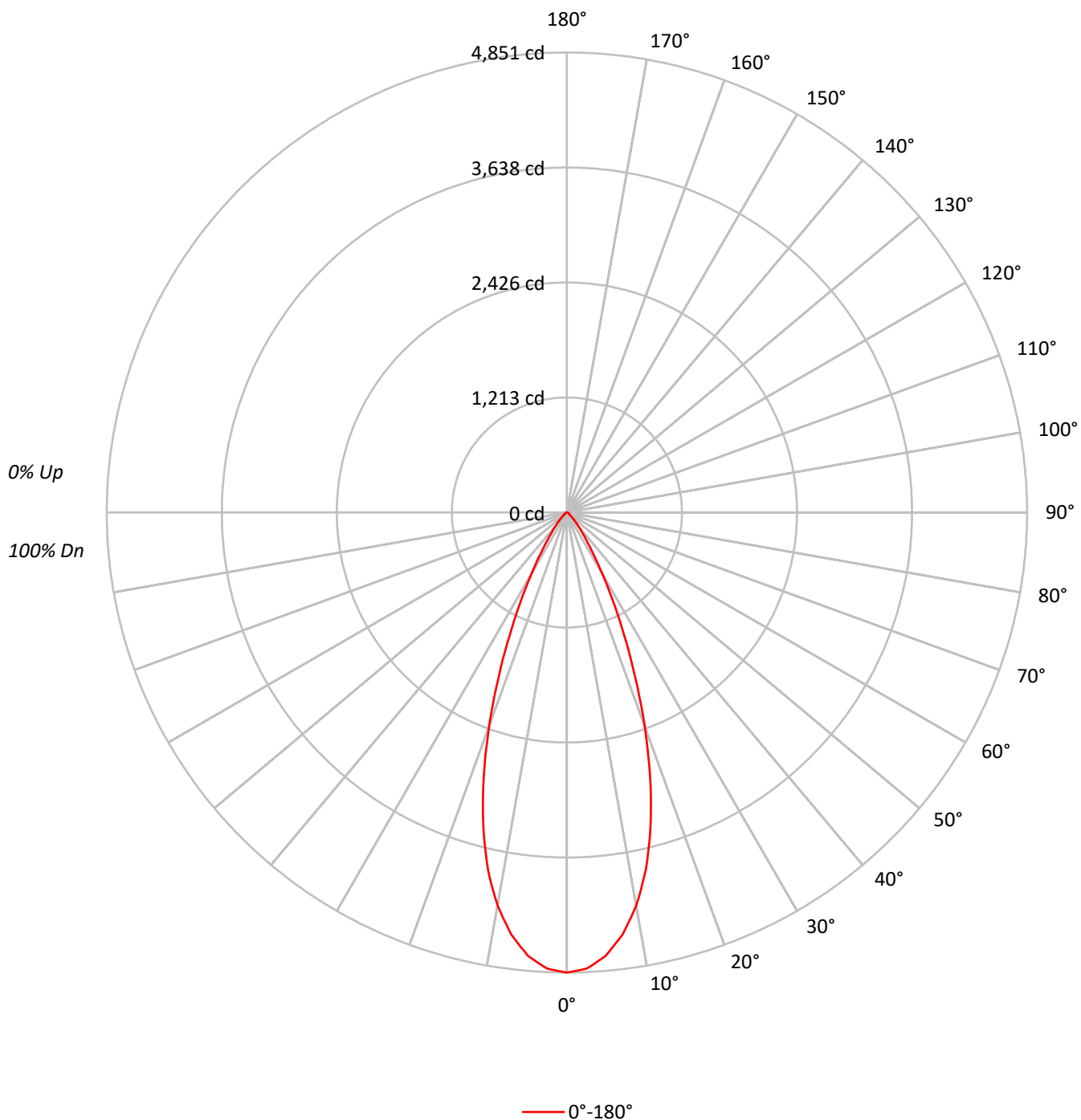
Lumens per Lamp: N/A
Luminaire Lumens: 2404.0 lumens
Efficiency: N/A
Efficacy: 83.5 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1261102

CATALOG NUMBER: P3AS24R409050D010 E3DL1WMH

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°	1063752
5°	1032839
10°	937279
15°	774306
20°	558555
25°	345480
30°	187041
35°	96664
40°	52556
45°	29429
50°	14771
55°	11049
60°	9955
65°	9651
70°	9232
75°	8727
80°	7829
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29429 cd/sqm

TEST NUMBER: P1261102

CATALOG NUMBER: P3AS24R409050D010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	432.5	18.0
10°-20°	928.8	38.6
20°-30°	662.8	27.6
30°-40°	244.0	10.1
40°-50°	76.8	3.2
50°-60°	26.7	1.1
60°-70°	18.4	0.8
70°-80°	10.9	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°	2024.1	84.2
0°-40°	2268.1	94.3
0°-60°	2371.7	98.7
0°-90°	2404.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2404.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4851	
5°	4692	433
15°	3411	929
25°	1428	663
35°	361	244
45°	95	77
55°	29	27
65°	19	18
75°	10	11
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4851.1
2.5°	4814.0
5°	4692.2
7.5°	4490.0
10°	4209.4
12.5°	3852.4
15°	3410.8
17.5°	2915.6
20°	2393.6
22.5°	1879.8
25°	1427.9
27.5°	1048.2
30°	738.7
32.5°	517.9
35°	361.1
37.5°	255.9
40°	183.6
42.5°	132.1
45°	94.9
47.5°	64.0
50°	43.3
52.5°	31.0
55°	28.9
57.5°	26.8
60°	22.7
62.5°	20.6
65°	18.6
67.5°	16.5
70°	14.4
72.5°	12.4
75°	10.3
77.5°	8.3
80°	6.2
82.5°	4.1
85°	2.1
87.5°	2.1
90°	0.0

(END OF REPORT)