

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: P1253095

Luminaire Tested: P3AS24R409030D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253095
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R409030D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

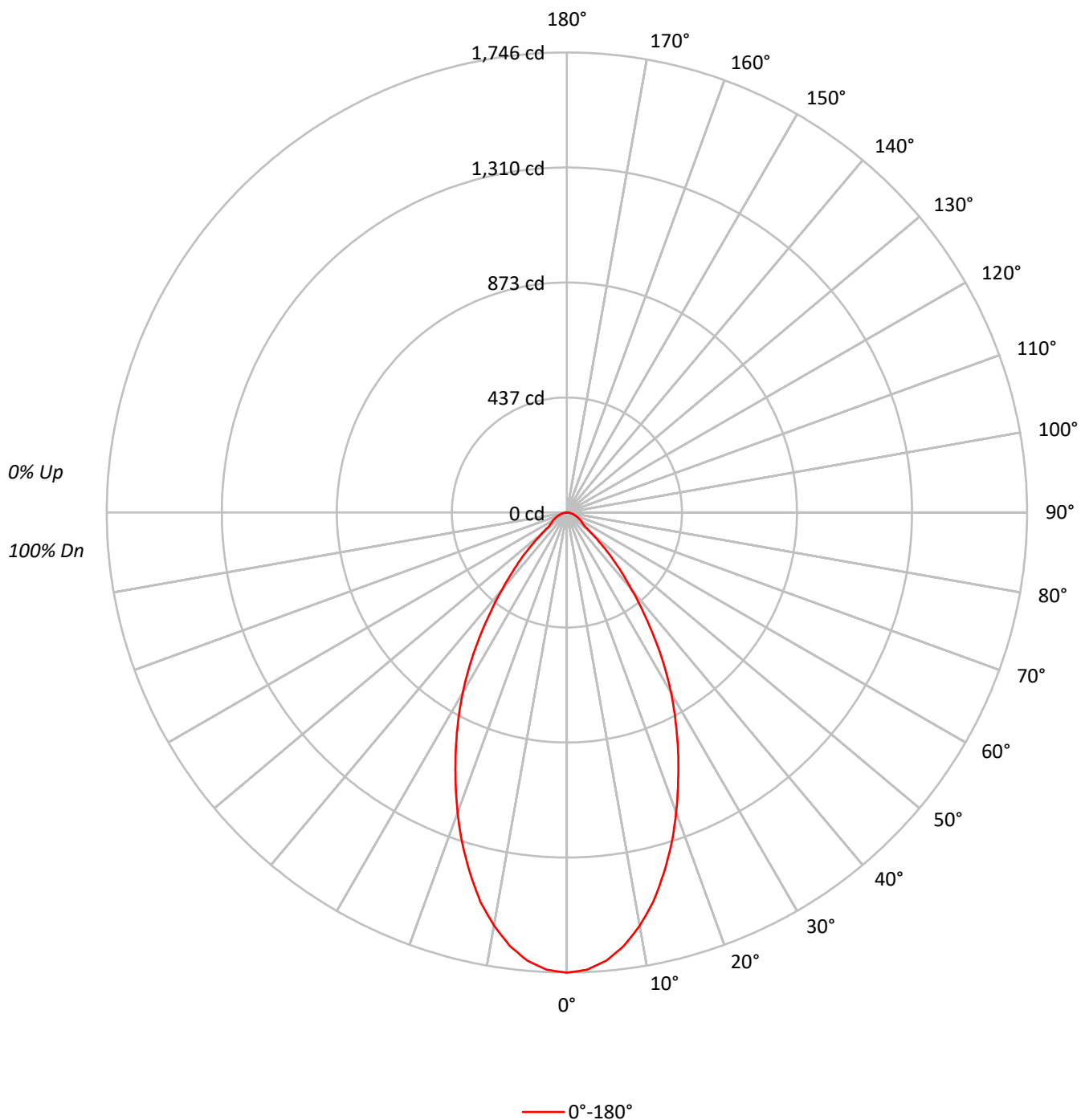
Lumens per Lamp: N/A
Luminaire Lumens: 1706.0 lumens
Efficiency: N/A
Efficacy: 59.2 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	382952
5°	376028
10°	354436
15°	321954
20°	282825
25°	241514
30°	200081
35°	154298
40°	109806
45°	73992
50°	40357
55°	28443
60°	26796
65°	24750
70°	22055
75°	21011
80°	16921
85°	14341

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 73992 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	159.3	9.3
10°-20°	395.0	23.2
20°-30°	456.7	26.8
30°-40°	359.9	21.1
40°-50°	184.7	10.8
50°-60°	70.6	4.1
60°-70°	46.7	2.7
70°-80°	25.4	1.5
80°-90°	7.5	0.4
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°	1011.0	59.3
0°-40°	1370.9	80.4
0°-60°	1626.3	95.3
0°-90°	1706.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1706.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1746	
5°	1708	159
15°	1418	395
25°	998	457
35°	576	360
45°	239	185
55°	74	71
65°	48	47
75°	25	25
85°	6	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1746.4
2.5°	1736.9
5°	1708.3
7.5°	1658.6
10°	1591.8
12.5°	1513.6
15°	1418.2
17.5°	1318.9
20°	1212.0
22.5°	1103.2
25°	998.2
27.5°	893.3
30°	790.2
32.5°	685.2
35°	576.4
37.5°	475.3
40°	383.6
42.5°	305.4
45°	238.6
47.5°	173.7
50°	118.3
52.5°	85.9
55°	74.4
57.5°	66.8
60°	61.1
62.5°	53.4
65°	47.7
67.5°	40.1
70°	34.4
72.5°	28.6
75°	24.8
77.5°	19.1
80°	13.4
82.5°	11.5
85°	5.7
87.5°	3.8
90°	0.0

(END OF REPORT)