

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: P1261072

Luminaire Tested: P3AS24R359050D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261072
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R359050D010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

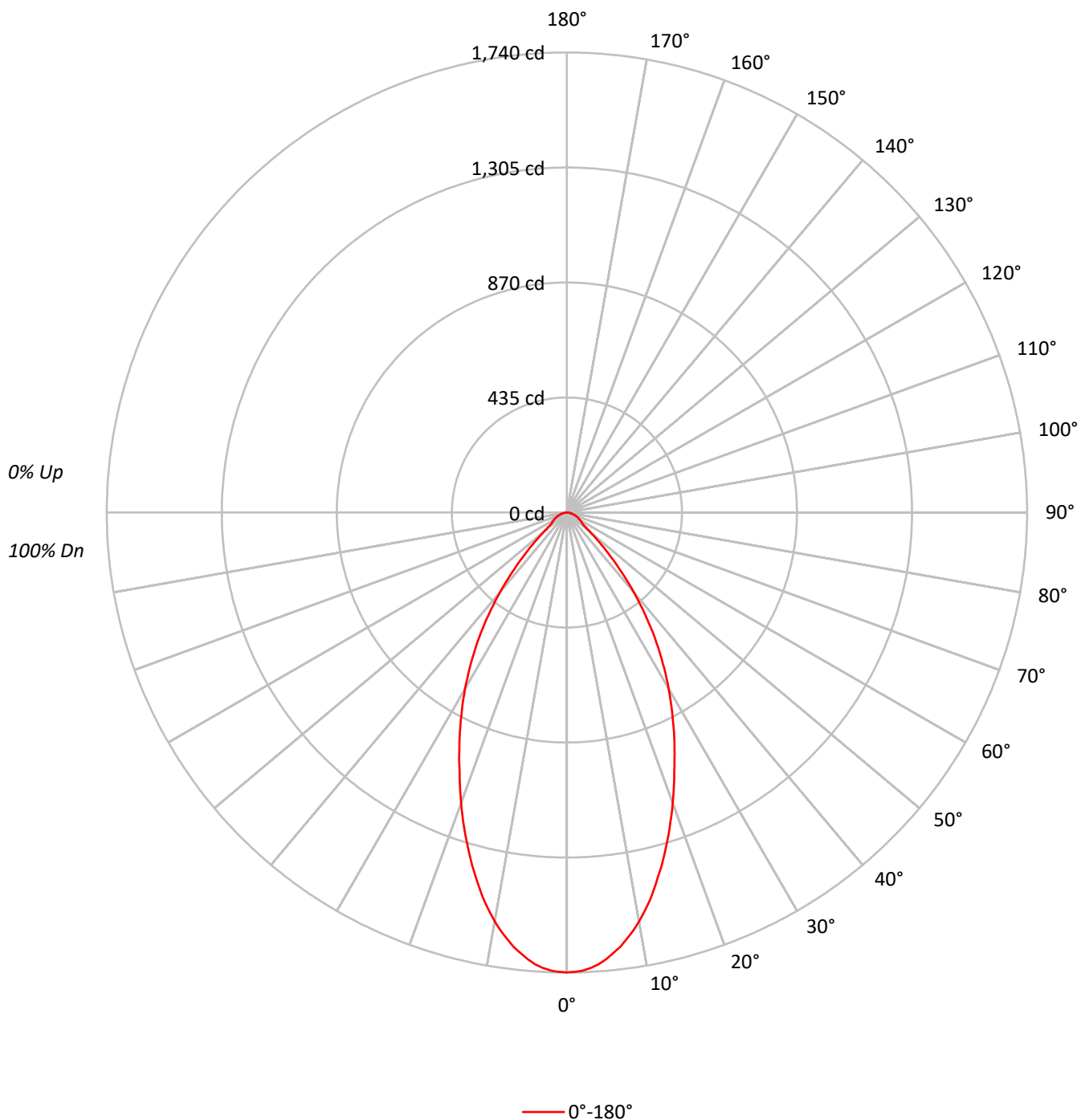
Lumens per Lamp: N/A
Luminaire Lumens: 1670.0 lumens
Efficiency: N/A
Efficacy: 58.0 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	381483
5°	373387
10°	349693
15°	313895
20°	273047
25°	232683
30°	194916
35°	155235
40°	112239
45°	71046
50°	38719
55°	26838
60°	25349
65°	23556
70°	22504
75°	19232
80°	18184
85°	15599

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 71046 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	157.9	9.5
10°-20°	384.8	23.0
20°-30°	440.9	26.4
30°-40°	359.8	21.5
40°-50°	181.4	10.9
50°-60°	67.4	4.0
60°-70°	45.2	2.7
70°-80°	25.0	1.5
80°-90°	7.6	0.5
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°	983.6	58.9
0°-40°	1343.4	80.4
0°-60°	1592.2	95.3
0°-90°	1670.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1670.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1740	
5°	1696	158
15°	1383	385
25°	962	441
35°	580	360
45°	229	181
55°	70	67
65°	45	45
75°	23	25
85°	6	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1739.7
1°	1737.6
2°	1733.5
3°	1725.2
4°	1712.9
5°	1696.3
6°	1675.7
7°	1655.1
8°	1628.2
9°	1601.4
10°	1570.5
11°	1537.4
12°	1502.4
13°	1463.1
14°	1421.9
15°	1382.7
17.5°	1277.4
20°	1170.1
22.5°	1060.7
25°	961.7
27.5°	864.7
30°	769.8
32.5°	674.8
35°	579.9
37.5°	485.0
40°	392.1
42.5°	305.4
45°	229.1
47.5°	165.1
50°	113.5
52.5°	82.5
55°	70.2
57.5°	64.0
60°	57.8
62.5°	51.6
65°	45.4
67.5°	39.2
70°	35.1
72.5°	28.9
75°	22.7
77.5°	18.6
80°	14.4
82.5°	10.3
85°	6.2
87.5°	4.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)