

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: P1275121

Luminaire Tested: P3AS02R409835DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275121
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: P3AS02R409835DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 98CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

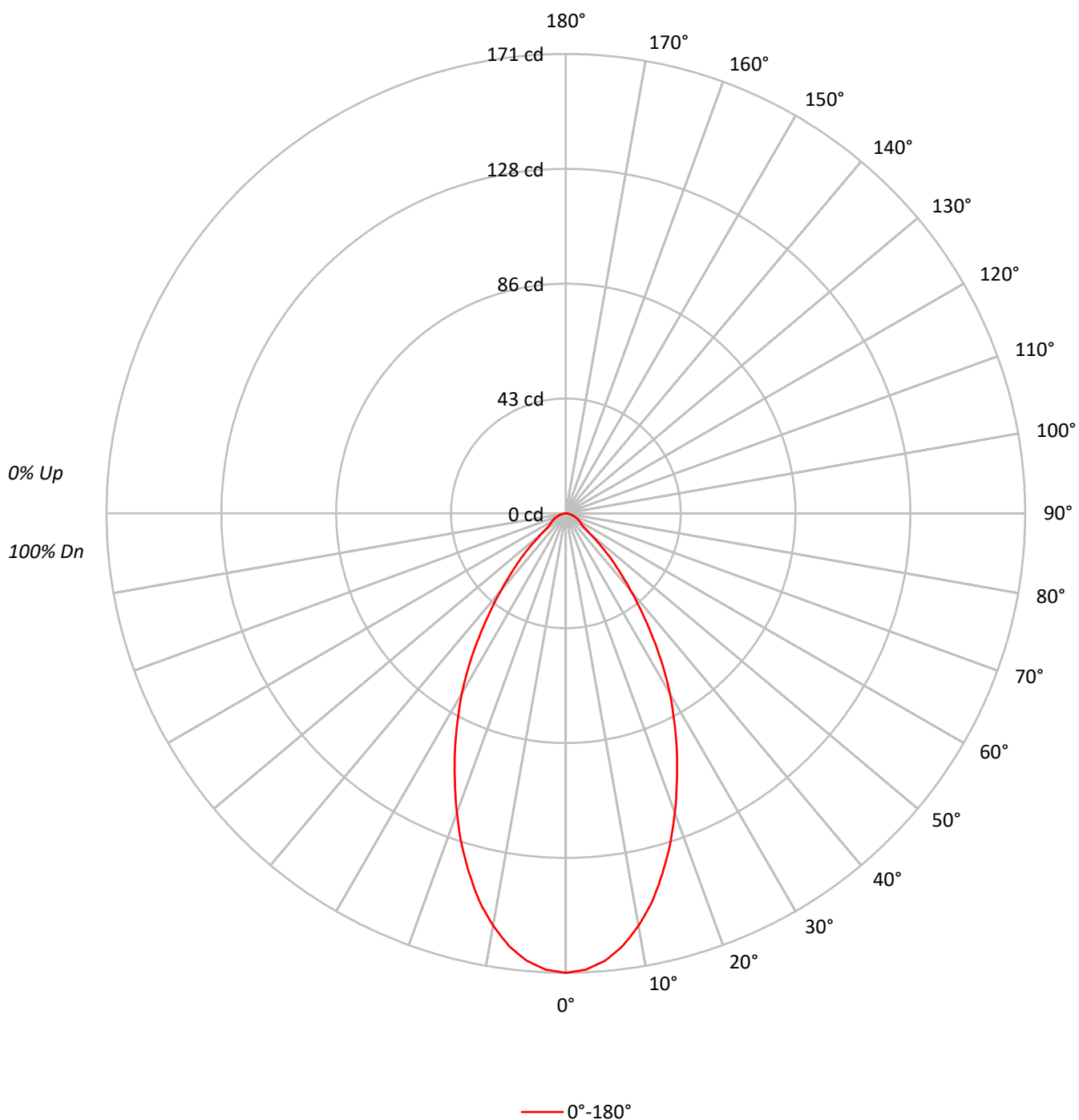
Lumens per Lamp: N/A
Luminaire Lumens: 167.0 lumens
Efficiency: N/A
Efficacy: 46.4 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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°	37497
5°	36804
10°	34691
15°	31510
20°	27676
25°	23638
30°	19598
35°	15098
40°	10763
45°	7257
50°	3957
55°	2791
60°	2631
65°	2439
70°	2180
75°	2033
80°	1642
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7257 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.6	9.3
10°-20°	38.7	23.2
20°-30°	44.7	26.8
30°-40°	35.2	21.1
40°-50°	18.1	10.8
50°-60°	6.9	4.1
60°-70°	4.6	2.7
70°-80°	2.5	1.5
80°-90°	0.7	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°	99.0	59.3
0°-40°	134.2	80.3
0°-60°	159.2	95.3
0°-90°	167.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	167.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	171	
5°	167	16
15°	139	39
25°	98	45
35°	56	35
45°	23	18
55°	7	7
65°	5	5
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	171.0
2.5°	170.0
5°	167.2
7.5°	162.4
10°	155.8
12.5°	148.2
15°	138.8
17.5°	129.1
20°	118.6
22.5°	108.0
25°	97.7
27.5°	87.4
30°	77.4
32.5°	67.1
35°	56.4
37.5°	46.5
40°	37.6
42.5°	29.9
45°	23.4
47.5°	17.0
50°	11.6
52.5°	8.4
55°	7.3
57.5°	6.5
60°	6.0
62.5°	5.2
65°	4.7
67.5°	3.9
70°	3.4
72.5°	2.8
75°	2.4
77.5°	1.9
80°	1.3
82.5°	1.1
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)