

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: P1261547

Luminaire Tested: P3AS02R409727DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261547
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: P3AS02R409727DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

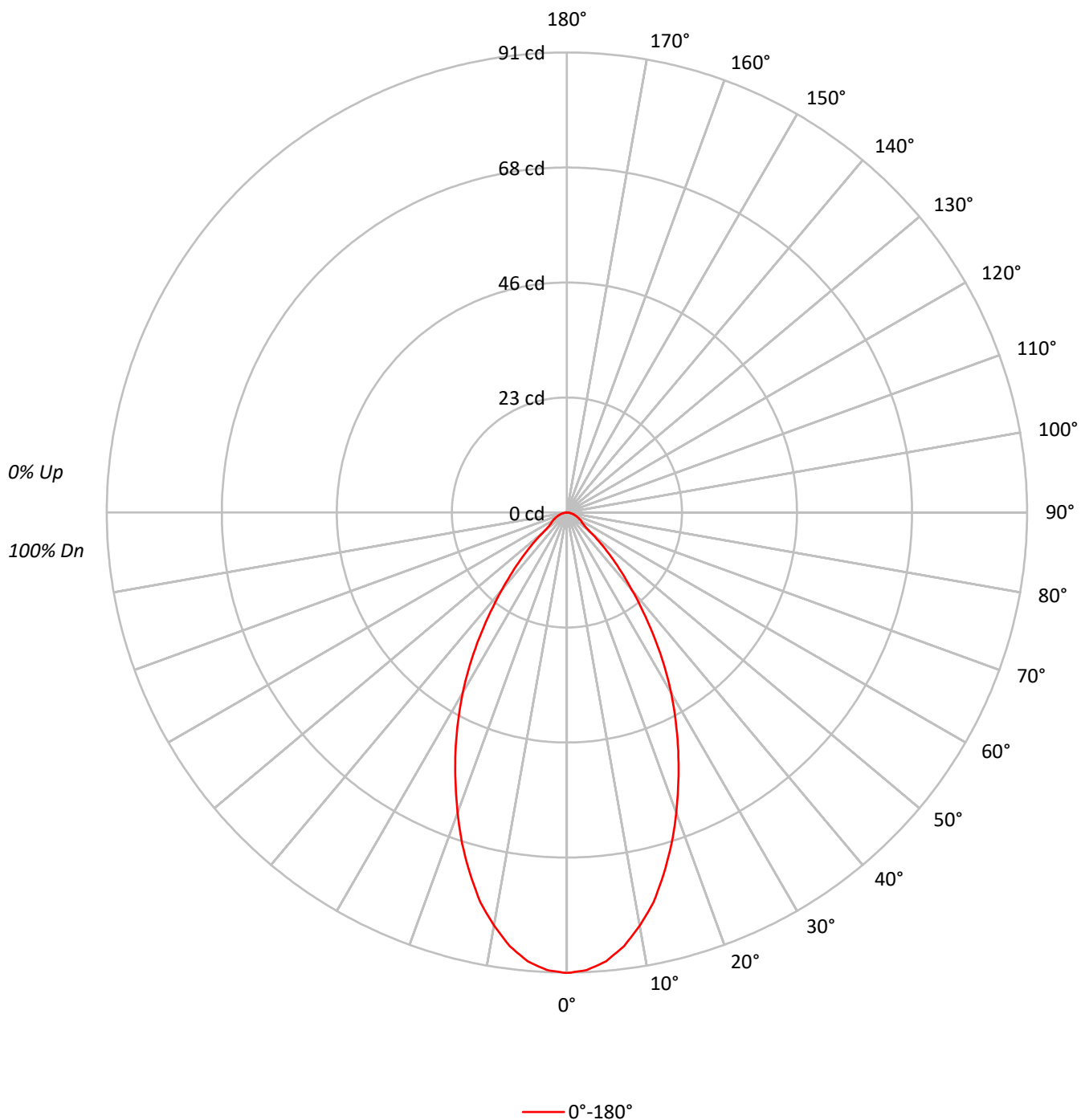
Lumens per Lamp: N/A
Luminaire Lumens: 89.0 lumens
Efficiency: N/A
Efficacy: 24.7 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	66	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°	19976
5°	19613
10°	18481
15°	16799
20°	14748
25°	12606
30°	10432
35°	8058
40°	5725
45°	3845
50°	2115
55°	1491
60°	1403
65°	1297
70°	1154
75°	1101
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3845 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.3	9.3
10°-20°	20.6	23.1
20°-30°	23.8	26.8
30°-40°	18.8	21.1
40°-50°	9.6	10.8
50°-60°	3.7	4.2
60°-70°	2.4	2.7
70°-80°	1.3	1.5
80°-90°	0.4	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°	52.7	59.2
0°-40°	71.5	80.3
0°-60°	84.9	95.3
0°-90°	89.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	89.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	91	
5°	89	8
15°	74	21
25°	52	24
35°	30	19
45°	12	10
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	91.1
2.5°	90.6
5°	89.1
7.5°	86.5
10°	83.0
12.5°	79.0
15°	74.0
17.5°	68.8
20°	63.2
22.5°	57.6
25°	52.1
27.5°	46.6
30°	41.2
32.5°	35.7
35°	30.1
37.5°	24.8
40°	20.0
42.5°	15.9
45°	12.4
47.5°	9.1
50°	6.2
52.5°	4.5
55°	3.9
57.5°	3.5
60°	3.2
62.5°	2.8
65°	2.5
67.5°	2.1
70°	1.8
72.5°	1.5
75°	1.3
77.5°	1.0
80°	0.7
82.5°	0.6
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)