

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: P1261490

Luminaire Tested: P3AS02R309727DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261490
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R309727DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

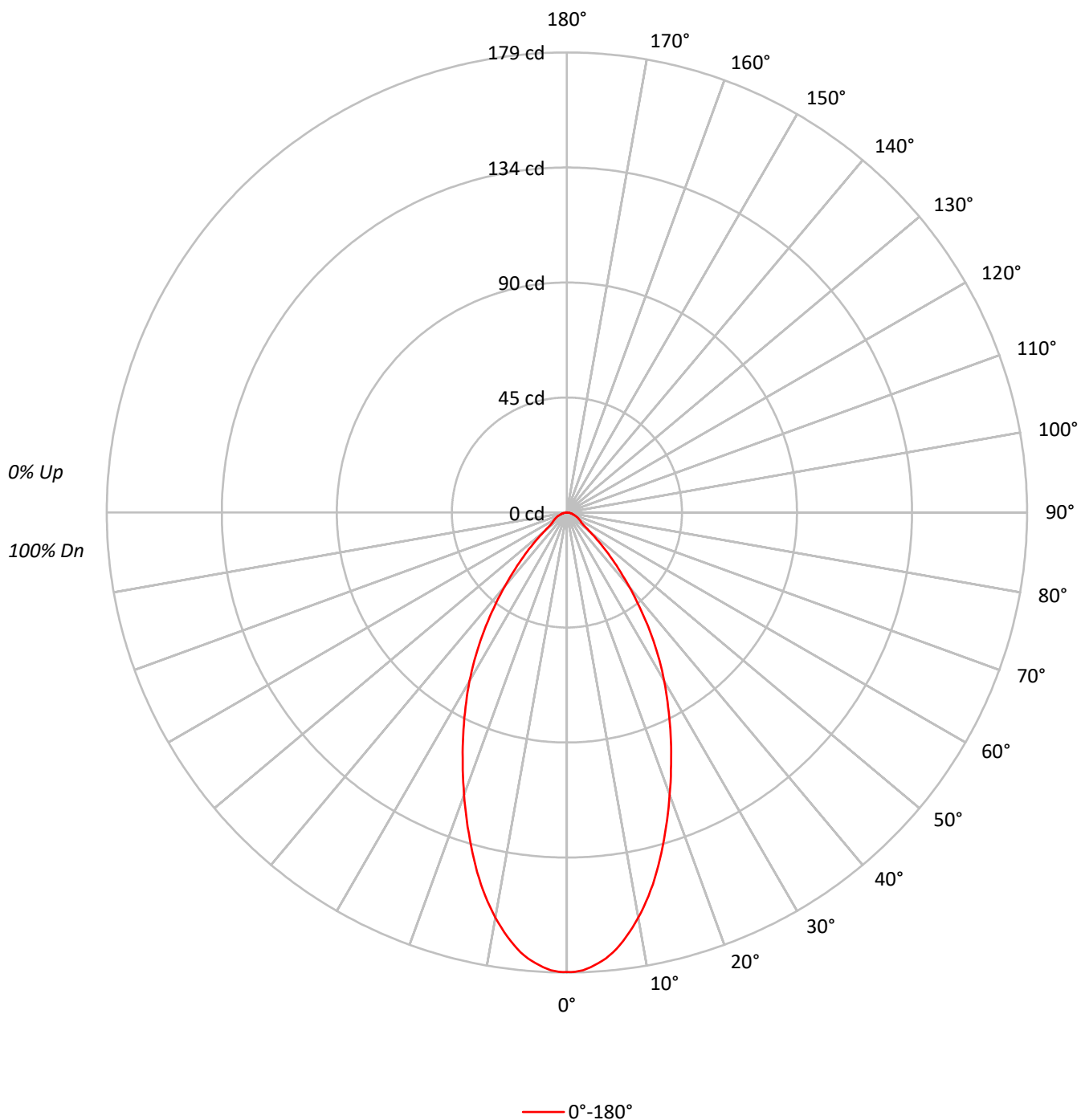
Lumens per Lamp: N/A
Luminaire Lumens: 165.9 lumens
Efficiency: N/A
Efficacy: 46.1 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	74	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	77	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	39207
5°	38345
10°	35648
15°	31714
20°	27279
25°	23106
30°	19193
35°	15044
40°	10792
45°	7071
50°	4025
55°	2638
60°	2500
65°	2335
70°	2116
75°	1864
80°	1768
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7071 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.2	9.7
10°-20°	38.8	23.4
20°-30°	43.8	26.4
30°-40°	35.0	21.1
40°-50°	18.0	10.8
50°-60°	6.8	4.1
60°-70°	4.5	2.7
70°-80°	2.4	1.4
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°	98.8	59.5
0°-40°	133.7	80.6
0°-60°	158.4	95.5
0°-90°	165.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	165.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	179	
5°	174	16
15°	140	39
25°	96	44
35°	56	35
45°	23	18
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	178.8
1°	178.8
2°	178.2
3°	177.2
4°	175.8
5°	174.2
6°	172.1
7°	169.5
8°	166.6
9°	163.4
10°	160.1
11°	156.4
12°	152.6
13°	148.5
14°	144.2
15°	139.7
17.5°	128.3
20°	116.9
22.5°	105.9
25°	95.5
27.5°	85.3
30°	75.8
32.5°	66.0
35°	56.2
37.5°	46.6
40°	37.7
42.5°	29.7
45°	22.8
47.5°	16.9
50°	11.8
52.5°	8.4
55°	6.9
57.5°	6.3
60°	5.7
62.5°	5.1
65°	4.5
67.5°	3.9
70°	3.3
72.5°	2.6
75°	2.2
77.5°	1.8
80°	1.4
82.5°	1.0
85°	0.6
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)