

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: P1262339

Luminaire Tested: P3AS09R409727DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262339
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: P3AS09R409727DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

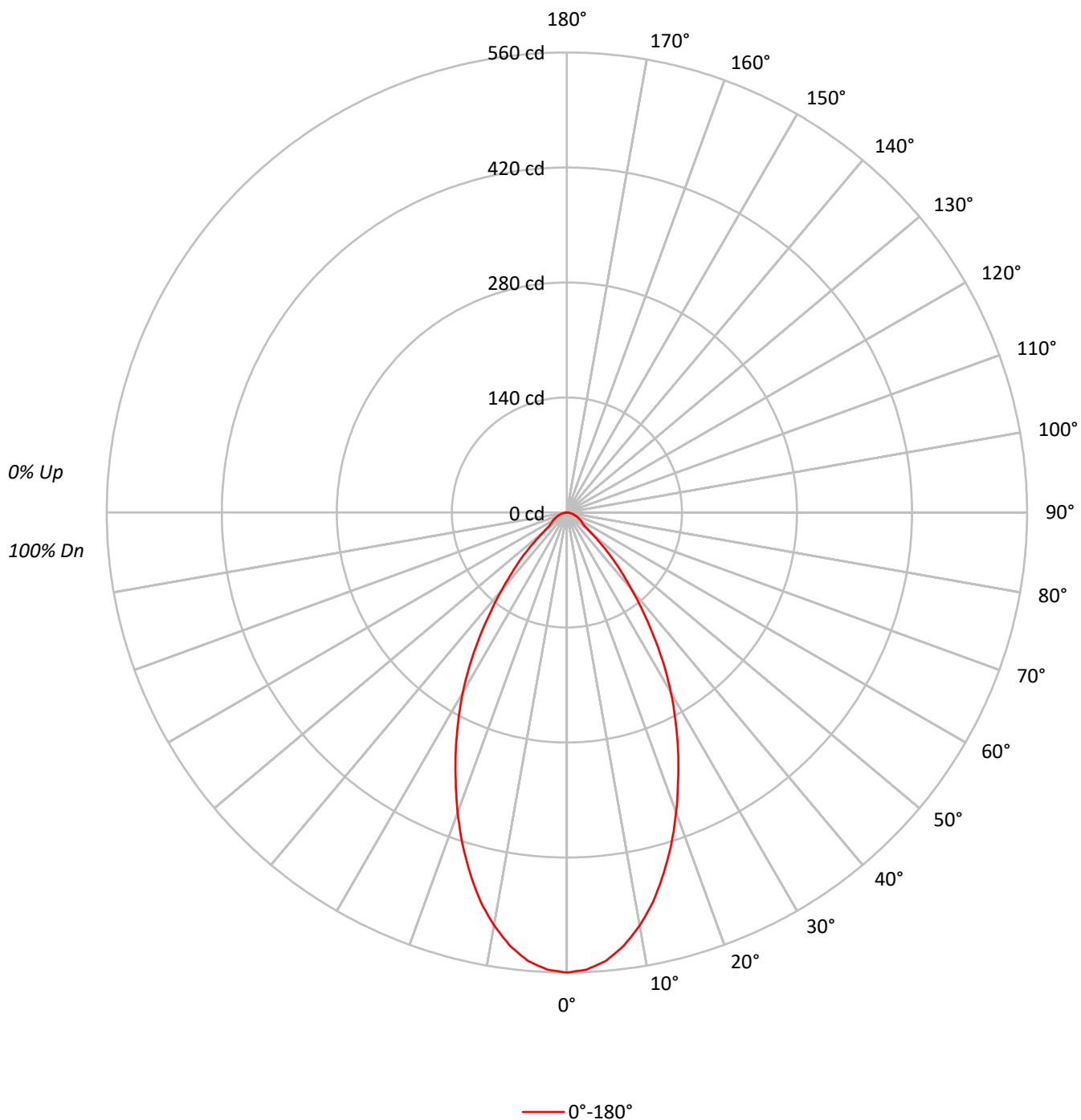
Lumens per Lamp: N/A
Luminaire Lumens: 547.0 lumens
Efficiency: N/A
Efficacy: 49.3 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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°	122797
5°	120559
10°	113647
15°	103224
20°	90681
25°	77448
30°	64162
35°	49470
40°	35209
45°	23723
50°	12929
55°	9137
60°	8596
65°	7939
70°	7052
75°	6778
80°	5430
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23723 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.1	9.3
10°-20°	126.7	23.2
20°-30°	146.4	26.8
30°-40°	115.4	21.1
40°-50°	59.2	10.8
50°-60°	22.6	4.1
60°-70°	15.0	2.7
70°-80°	8.2	1.5
80°-90°	2.4	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°	324.2	59.3
0°-40°	439.6	80.4
0°-60°	521.4	95.3
0°-90°	547.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	547.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	560	
5°	548	51
15°	455	127
25°	320	146
35°	185	115
45°	76	59
55°	24	23
65°	15	15
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	560.0
2.5°	556.9
5°	547.7
7.5°	531.8
10°	510.4
12.5°	485.3
15°	454.7
17.5°	422.9
20°	388.6
22.5°	353.7
25°	320.1
27.5°	286.4
30°	253.4
32.5°	219.7
35°	184.8
37.5°	152.4
40°	123.0
42.5°	97.9
45°	76.5
47.5°	55.7
50°	37.9
52.5°	27.5
55°	23.9
57.5°	21.4
60°	19.6
62.5°	17.1
65°	15.3
67.5°	12.9
70°	11.0
72.5°	9.2
75°	8.0
77.5°	6.1
80°	4.3
82.5°	3.7
85°	1.8
87.5°	1.2
90°	0.0

(END OF REPORT)