

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: P1275720

Luminaire Tested: P3AS09R259835DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275720
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R259835DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

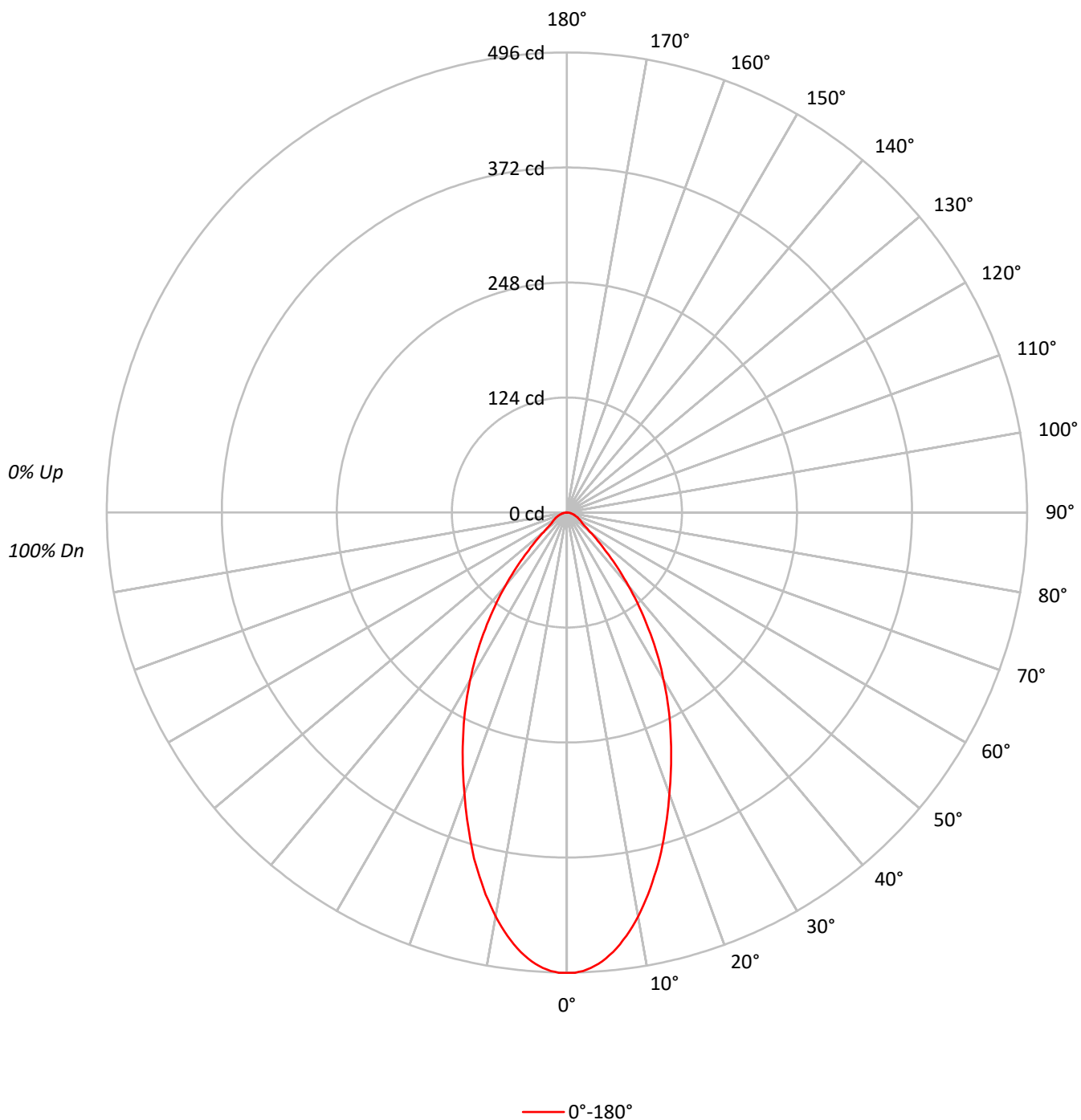
Lumens per Lamp: N/A
Luminaire Lumens: 458.0 lumens
Efficiency: N/A
Efficacy: 41.6 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	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		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	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°	108851
5°	106251
10°	98462
15°	87696
20°	75350
25°	64044
30°	52742
35°	41091
40°	29570
45°	18762
50°	11087
55°	7646
60°	7017
65°	6538
70°	5834
75°	5338
80°	5051
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18762 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.8	9.8
10°-20°	107.2	23.4
20°-30°	121.2	26.5
30°-40°	95.8	20.9
40°-50°	48.4	10.6
50°-60°	19.4	4.2
60°-70°	12.4	2.7
70°-80°	6.8	1.5
80°-90°	2.0	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°	273.2	59.6
0°-40°	369.0	80.6
0°-60°	436.8	95.4
0°-90°	458.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	458.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	496	
5°	483	45
15°	386	107
25°	265	121
35°	154	96
45°	60	48
55°	20	19
65°	13	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	496.4
1°	496.4
2°	494.7
3°	491.8
4°	487.8
5°	482.7
6°	476.4
7°	469.0
8°	461.0
9°	451.9
10°	442.2
11°	431.4
12°	421.1
13°	409.1
14°	397.7
15°	386.3
17.5°	354.3
20°	322.9
22.5°	293.3
25°	264.7
27.5°	236.8
30°	208.3
32.5°	181.4
35°	153.5
37.5°	127.8
40°	103.3
42.5°	80.5
45°	60.5
47.5°	45.1
50°	32.5
52.5°	24.5
55°	20.0
57.5°	18.3
60°	16.0
62.5°	14.3
65°	12.6
67.5°	10.8
70°	9.1
72.5°	8.0
75°	6.3
77.5°	5.1
80°	4.0
82.5°	2.9
85°	1.7
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)