

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: P1292946

Luminaire Tested: P3A09R35W2N902750DE010 E3DLD1WMH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292946
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R35W2N902750DE010 E3DLD1WMH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

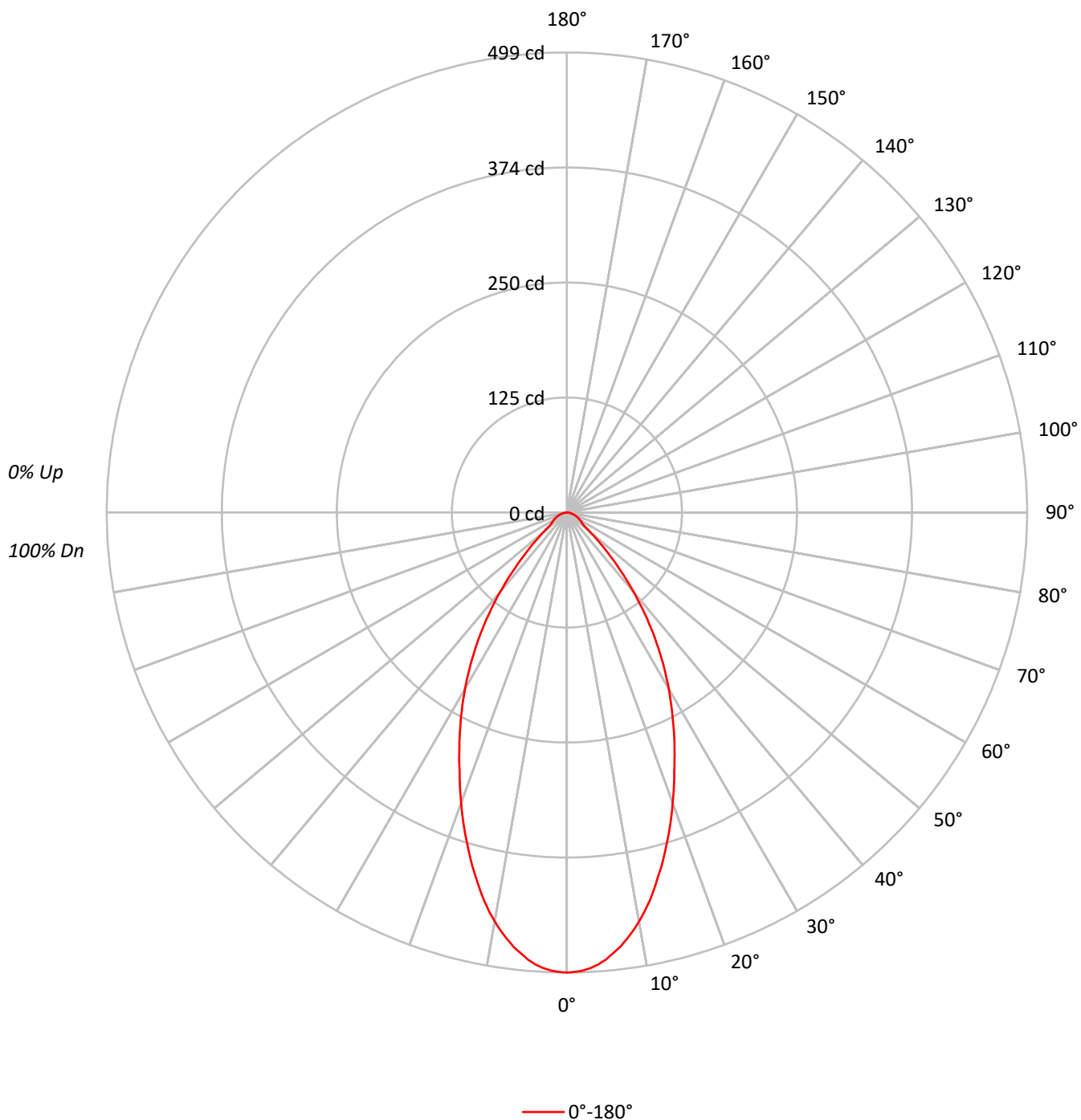
Lumens per Lamp: N/A
Luminaire Lumens: 479.0 lumens
Efficiency: N/A
Efficacy: 53.2 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 9
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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96	94	93	91
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89	87	85	83
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83	80	78	76
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78	74	71	69
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73	69	66	64
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68	64	61	59
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64	60	56	55
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61	56	52	51
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57	52	49	48
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54	49	46	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	109421
5°	107110
10°	100288
15°	90035
20°	78313
25°	66730
30°	55907
35°	44517
40°	32203
45°	20374
50°	11121
55°	7684
60°	7280
65°	6745
70°	6475
75°	5507
80°	5177
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20374 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.3	9.5
10°-20°	110.4	23.0
20°-30°	126.5	26.4
30°-40°	103.2	21.5
40°-50°	52.1	10.9
50°-60°	19.3	4.0
60°-70°	12.9	2.7
70°-80°	7.2	1.5
80°-90°	2.2	0.5
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°	282.1	58.9
0°-40°	385.3	80.4
0°-60°	456.7	95.3
0°-90°	479.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	479.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	499	
5°	487	45
15°	397	110
25°	276	126
35°	166	103
45°	66	52
55°	20	19
65°	13	13
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	499.0
1°	498.4
2°	497.2
3°	494.8
4°	491.3
5°	486.6
6°	480.6
7°	474.7
8°	467.0
9°	459.3
10°	450.4
11°	441.0
12°	430.9
13°	419.7
14°	407.8
15°	396.6
17.5°	366.4
20°	335.6
22.5°	304.2
25°	275.8
27.5°	248.0
30°	220.8
32.5°	193.6
35°	166.3
37.5°	139.1
40°	112.5
42.5°	87.6
45°	65.7
47.5°	47.4
50°	32.6
52.5°	23.7
55°	20.1
57.5°	18.3
60°	16.6
62.5°	14.8
65°	13.0
67.5°	11.2
70°	10.1
72.5°	8.3
75°	6.5
77.5°	5.3
80°	4.1
82.5°	3.0
85°	1.8
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)