

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: P1291809

Luminaire Tested: P3A09R15W2N902765DE010 E3DLD1WMH_6500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291809
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R15W2N902765DE010 E3DLD1WMH_6500K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 6500K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

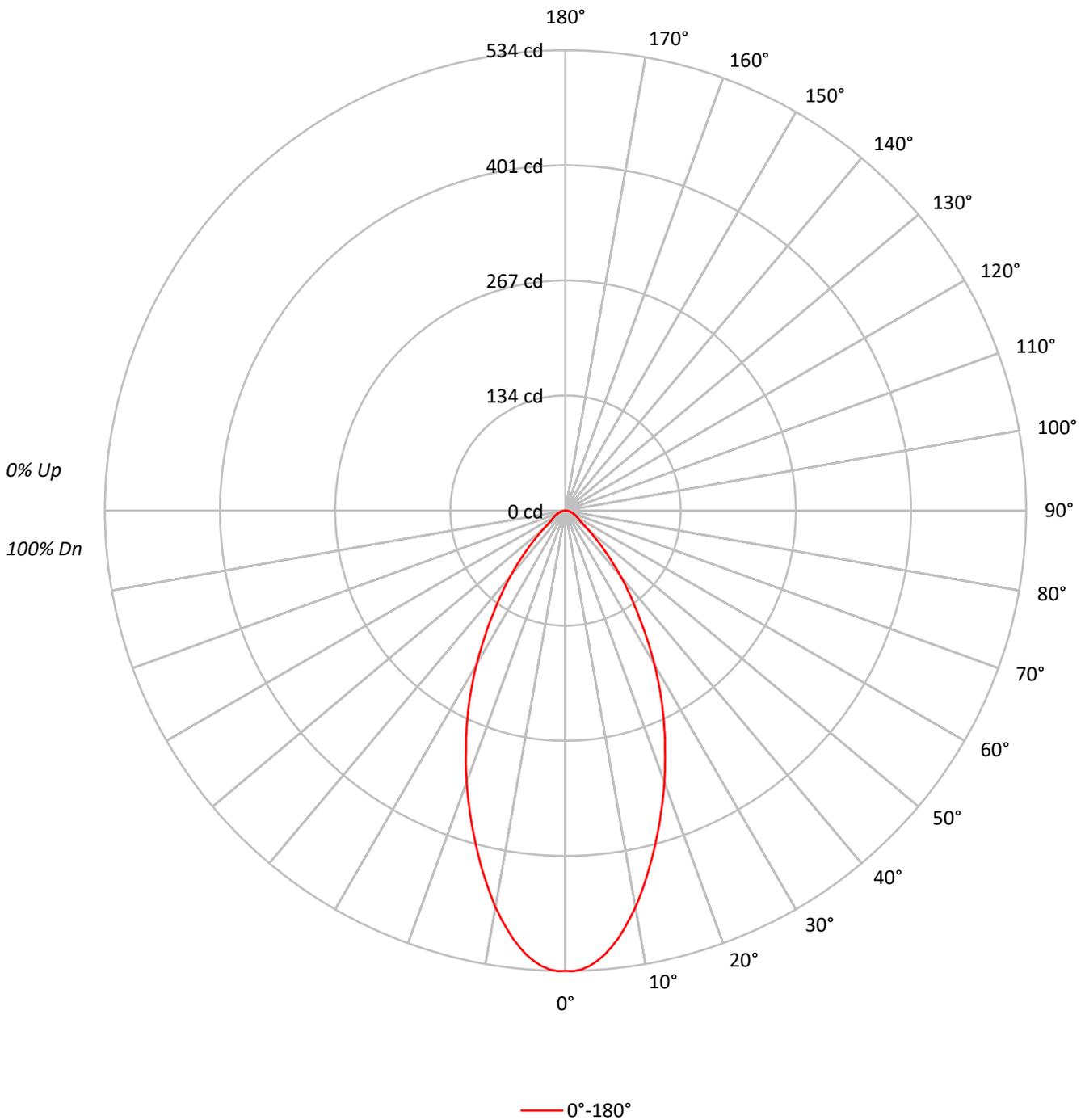
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 464.0 lumens
Efficiency: N/A
Efficacy: 51.6 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
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				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	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91				91
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83				83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76				76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70				70
5	89	80	73	68	87	79	73	68	77	72	67	75	70	67	74	69	66	65				65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60				60
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56				56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52				52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49				49
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	117030
5°	113867
10°	104051
15°	91147
20°	78197
25°	65278
30°	52236
35°	39190
40°	28425
45°	18607
50°	11633
55°	7875
60°	6973
65°	6382
70°	6027
75°	5507
80°	5177
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 18607 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.7	10.3
10°-20°	111.9	24.1
20°-30°	123.3	26.6
30°-40°	92.3	19.9
40°-50°	47.9	10.3
50°-60°	19.8	4.3
60°-70°	12.3	2.6
70°-80°	6.9	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°	282.9	61.0
0°-40°	375.2	80.8
0°-60°	442.9	95.4
0°-90°	464.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	464.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	534	
5°	517	48
15°	402	112
25°	270	123
35°	146	92
45°	60	48
55°	21	20
65°	12	12
75°	6	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	533.7
1°	534.3
2°	532.6
3°	529.0
4°	523.7
5°	517.3
6°	509.0
7°	500.2
8°	489.6
9°	478.5
10°	467.3
12.5°	435.0
15°	401.5
17.5°	368.0
20°	335.1
22.5°	301.5
25°	269.8
27.5°	238.1
30°	206.3
32.5°	175.2
35°	146.4
37.5°	121.7
40°	99.3
42.5°	78.8
45°	60.0
47.5°	45.3
50°	34.1
52.5°	25.3
55°	20.6
57.5°	18.2
60°	15.9
62.5°	14.1
65°	12.3
67.5°	10.6
70°	9.4
72.5°	7.6
75°	6.5
77.5°	5.3
80°	4.1
82.5°	2.9
85°	1.8
87.5°	0.6
90°	0.0

(END OF REPORT)