

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: P1294794

Luminaire Tested: P3AS09R65W2N902750DE010 E3DL1WMH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1294794
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R65W2N902750DE010 E3DL1WMH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 3000K CCT AND, 90CRI ,
E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

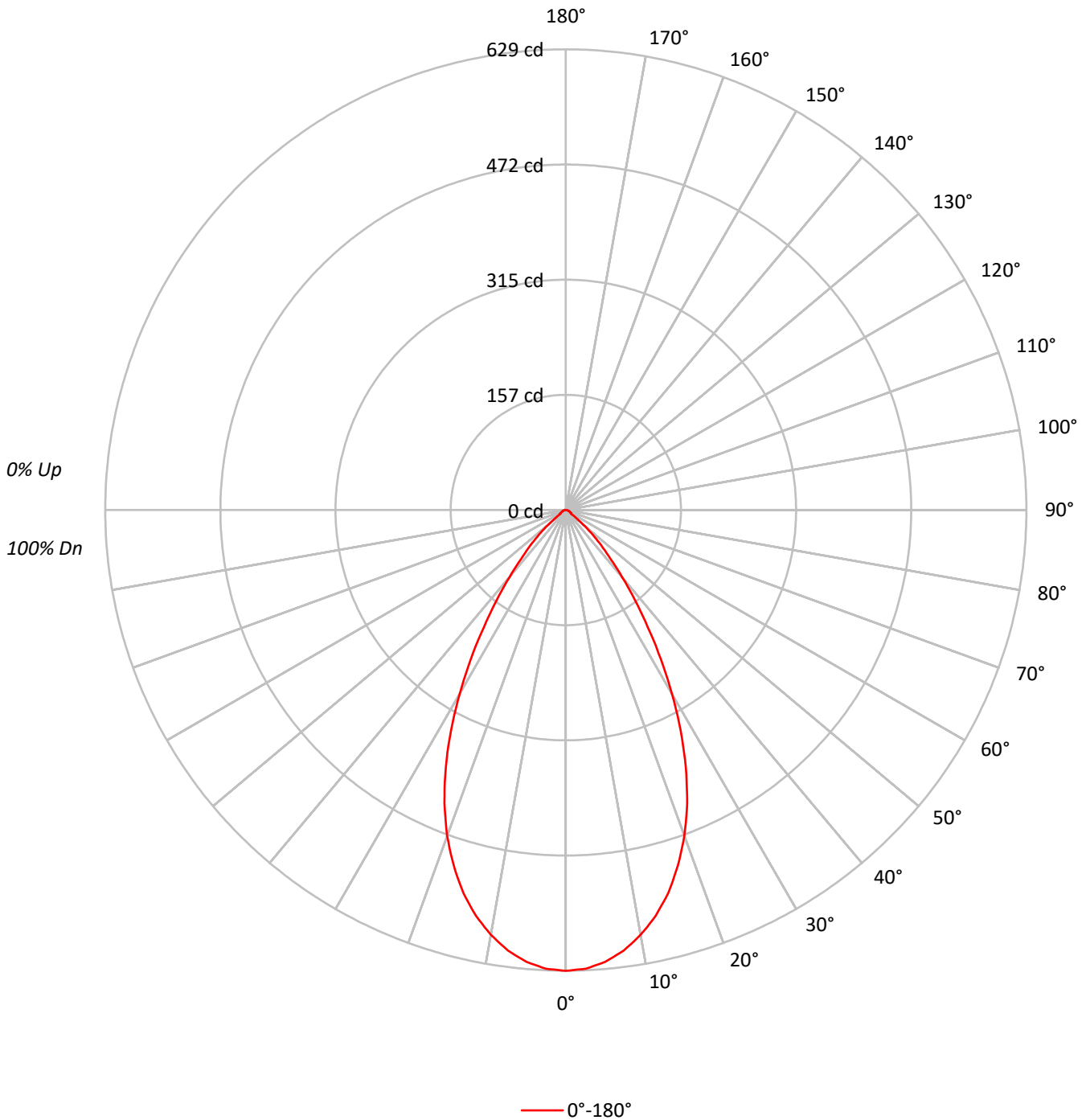
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 585.0 lumens
Efficiency: N/A
Efficacy: 65.0 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
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	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	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79			
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	73			
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	68			
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64	63			
7	82	72	66	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58			
8	77	67	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55			
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51			
10	70	60	54	50	69	59	54	50	59	53	50	58	53	50	57	53	49	48			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	137949
5°	136297
10°	131126
15°	122838
20°	110493
25°	93828
30°	73378
35°	52280
40°	34207
45°	21149
50°	10746
55°	3785
60°	3333
65°	3321
70°	3013
75°	2965
80°	2904
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 21149 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.1	9.9
10°-20°	150.6	25.7
20°-30°	176.0	30.1
30°-40°	123.0	21.0
40°-50°	54.1	9.3
50°-60°	12.0	2.1
60°-70°	6.1	1.0
70°-80°	3.7	0.6
80°-90°	1.3	0.2
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°	384.7	65.8
0°-40°	507.7	86.8
0°-60°	573.9	98.1
0°-90°	585.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	585.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	629	
5°	619	58
15°	541	151
25°	388	176
35°	195	123
45°	68	54
55°	10	12
65°	6	6
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	629.1
2.5°	626.8
5°	619.2
7.5°	606.4
10°	588.9
12.5°	567.3
15°	541.1
17.5°	509.0
20°	473.5
22.5°	433.2
25°	387.8
27.5°	339.9
30°	289.8
32.5°	241.4
35°	195.3
37.5°	155.1
40°	119.5
42.5°	90.4
45°	68.2
47.5°	50.1
50°	31.5
52.5°	16.3
55°	9.9
57.5°	8.7
60°	7.6
62.5°	7.0
65°	6.4
67.5°	5.2
70°	4.7
72.5°	4.1
75°	3.5
77.5°	2.9
80°	2.3
82.5°	1.7
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)