

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: P1294131

Luminaire Tested: P3A09R55W2N902750DE010 E3DL1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1294131
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R55W2N902750DE010 E3DL1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

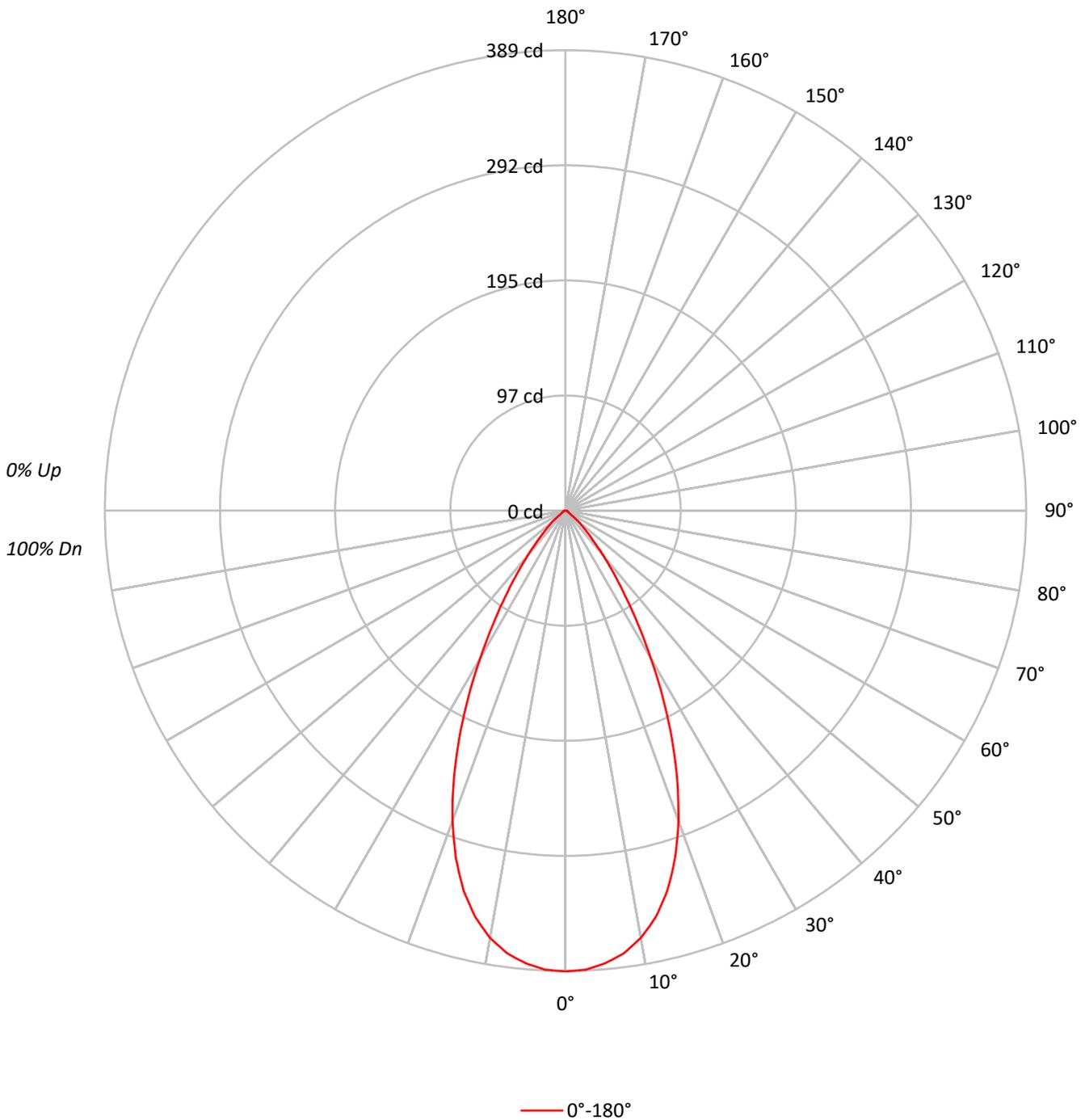
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 311.0 lumens
Efficiency: N/A
Efficacy: 34.6 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
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	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93				93
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87				87
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	85	82	81				81
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	82	79	77	75				75
5	92	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70				70
6	88	79	73	69	86	78	73	68	77	72	68	75	71	68	74	70	67	66				66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62				62
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58				58
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55				55
10	73	63	57	53	72	62	57	53	62	57	53	61	56	53	60	56	53	52				52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	85388
5°	84525
10°	81628
15°	75460
20°	65106
25°	51438
30°	36487
35°	23530
40°	14141
45°	7970
50°	4298
55°	1529
60°	1360
65°	1349
70°	1282
75°	1186
80°	1137
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7970 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.1	11.6
10°-20°	91.9	29.5
20°-30°	96.3	31.0
30°-40°	56.2	18.1
40°-50°	21.0	6.8
50°-60°	4.9	1.6
60°-70°	2.6	0.8
70°-80°	1.5	0.5
80°-90°	0.4	0.1
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°	224.4	72.1
0°-40°	280.6	90.2
0°-60°	306.5	98.6
0°-90°	311.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	311.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	389	
5°	384	36
15°	332	92
25°	213	96
35°	88	56
45°	26	21
55°	4	5
65°	3	3
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	389.4
2.5°	388.3
5°	384.0
7.5°	377.2
10°	366.6
12.5°	351.8
15°	332.4
17.5°	307.8
20°	279.0
22.5°	246.8
25°	212.6
27.5°	177.5
30°	144.1
32.5°	113.8
35°	87.9
37.5°	66.8
40°	49.4
42.5°	35.4
45°	25.7
47.5°	18.5
50°	12.6
52.5°	7.1
55°	4.0
57.5°	3.4
60°	3.1
62.5°	2.9
65°	2.6
67.5°	2.3
70°	2.0
72.5°	1.7
75°	1.4
77.5°	1.1
80°	0.9
82.5°	0.6
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)