

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: P1294193

Luminaire Tested: P3A09R55W2N902750DE010 E3DLP1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1294193
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R55W2N902750DE010 E3DLP1GPH_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 4000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

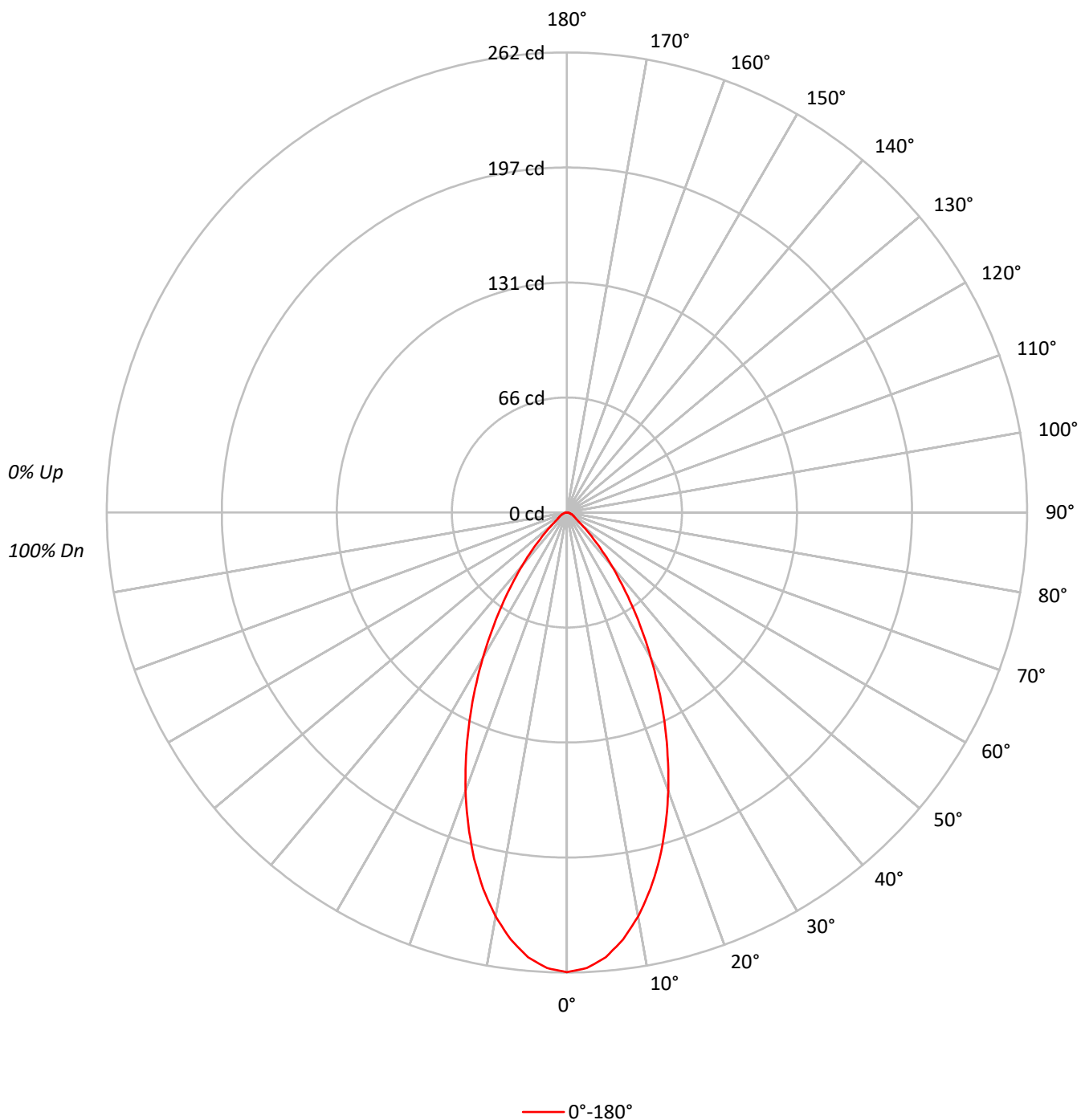
Lumens per Lamp: N/A
Luminaire Lumens: 211.0 lumens
Efficiency: N/A
Efficacy: 23.4 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	107	105	110	108	105	103	104	102	100		100	98	97		97	95	94		92
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		91	89	87		85
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85	83	80		79
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		80	77	74		73
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76	72	69		67
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72	68	64		63
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68	63	60		59
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		64	60	56		55
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		61	56	53		52
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		58	53	50		49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	57408
5°	55954
10°	52014
15°	46334
20°	39367
25°	31768
30°	24232
35°	17239
40°	11364
45°	6729
50°	3957
55°	2447
60°	2149
65°	1972
70°	1667
75°	1440
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6729 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.6	11.2
10°-20°	56.6	26.8
20°-30°	59.9	28.4
30°-40°	40.5	19.2
40°-50°	17.7	8.4
50°-60°	6.4	3.0
60°-70°	3.7	1.8
70°-80°	1.9	0.9
80°-90°	0.7	0.3
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°	140.1	66.4
0°-40°	180.6	85.6
0°-60°	204.7	97.0
0°-90°	211.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	211.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	262	
5°	254	24
15°	204	57
25°	131	60
35°	64	40
45°	22	18
55°	6	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	261.8
2.5°	259.7
5°	254.2
7.5°	245.2
10°	233.6
12.5°	219.7
15°	204.1
17.5°	186.7
20°	168.7
22.5°	149.9
25°	131.3
27.5°	113.1
30°	95.7
32.5°	79.1
35°	64.4
37.5°	51.0
40°	39.7
42.5°	29.9
45°	21.7
47.5°	15.9
50°	11.6
52.5°	8.1
55°	6.4
57.5°	5.8
60°	4.9
62.5°	4.3
65°	3.8
67.5°	3.2
70°	2.6
72.5°	2.3
75°	1.7
77.5°	1.4
80°	1.2
82.5°	0.9
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)