

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: P1294582

Luminaire Tested: P3AS09R60W2N902765DE010 E3D1LI_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1294582
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R60W2N902765DE010 E3D1LI_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 3000K CCT AND, 90CRI ,
E3D1LI TRIM
Light Source: -
Ballast/Driver: -

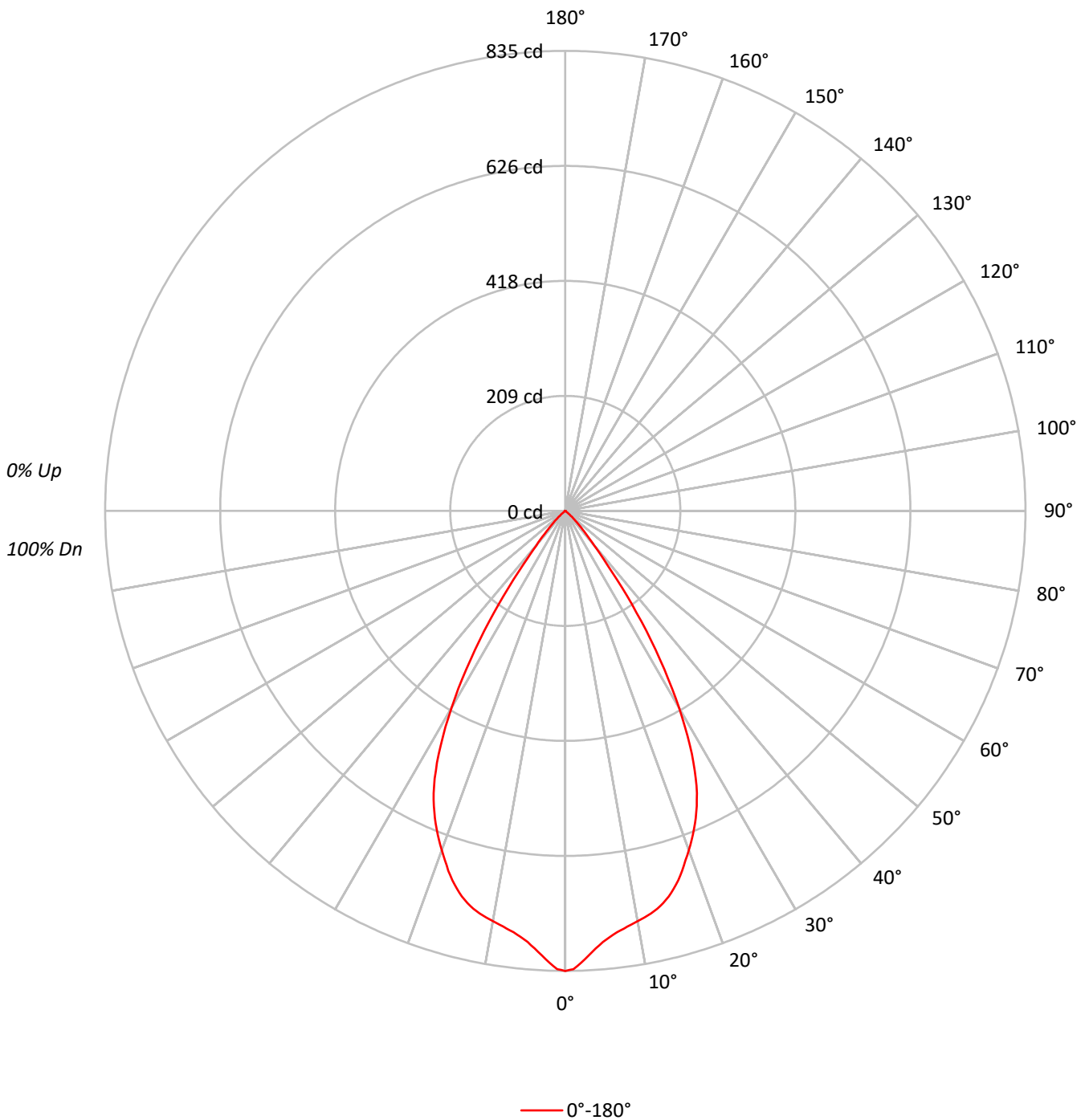
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 699.0 lumens
Efficiency: N/A
Efficacy: 77.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 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

TEST NUMBER: P1294582
CATALOG NUMBER: P3AS09R60W2N902765DE010 E3D1LI_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1294582

CATALOG NUMBER: P3AS09R60W2N902765DE010 E3D1LI_3000K

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	100	100	100
1	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94	94	94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88	88	88	88
3	103	97	92	88	101	96	91	88	93	89	86	91	87	85	88	86	84	82	82	82	82
4	98	91	85	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77	77	77	77
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72	72	72	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	71	69	67	67	67	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63	63	63	63
8	81	71	65	61	79	71	65	61	70	65	61	69	64	61	68	64	61	59	59	59	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	56	56	56	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	183143
5°	172903
10°	168400
15°	164541
20°	153010
25°	136774
30°	104472
35°	60311
40°	23415
45°	9768
50°	2149
55°	344
60°	263
65°	156
70°	192
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9768 cd/sqm



TEST NUMBER: P1294582

CATALOG NUMBER: P3AS09R60W2N902765DE010 E3D1LI_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.2	10.6
10°-20°	201.9	28.9
20°-30°	252.9	36.2
30°-40°	141.4	20.2
40°-50°	26.9	3.8
50°-60°	1.4	0.2
60°-70°	0.3	0.0
70°-80°	0.1	0.0
80°-90°	0.0	0.0
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°	528.9	75.7
0°-40°	670.3	95.9
0°-60°	698.6	99.9
0°-90°	699.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	699.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	835	
5°	786	74
15°	725	202
25°	565	253
35°	225	141
45°	32	27
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1294582

CATALOG NUMBER: P3AS09R60W2N902765DE010 E3D1LI_3000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	835.2
1°	831.8
2°	820.9
3°	808.1
4°	796.0
5°	785.5
6°	777.5
7°	770.6
8°	765.5
9°	760.6
10°	756.3
11°	752.0
12°	747.2
13°	741.1
14°	734.0
15°	724.8
16°	713.7
17°	701.1
18°	686.8
19°	670.5
20°	655.7
21°	639.6
22°	623.1
23°	605.6
24°	586.5
25°	565.3
26°	540.4
27°	512.7
28°	481.5
29°	448.3
30°	412.6
31°	376.6
32°	339.4
32.5°	319.1
33°	300.8
34°	262.8
35°	225.3
36°	191.6
37°	155.8
37.5°	139.5
38°	123.5
39°	99.5
40°	81.8
42.5°	49.8
45°	31.5



TEST NUMBER: P1294582
CATALOG NUMBER: P3AS09R60W2N902765DE010 E3D1LI_3000K

CANDELA DISTRIBUTION (continued):

	0°
47.5°	17.4
50°	6.3
52.5°	1.4
55°	0.9
57.5°	0.6
60°	0.6
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.3
72.5°	0.3
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)