

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: P1294519

Luminaire Tested: P3AS09R60W2N902750DE010 E3DLP1LI_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1294519
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R60W2N902750DE010 E3DLP1LI_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI ,
E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

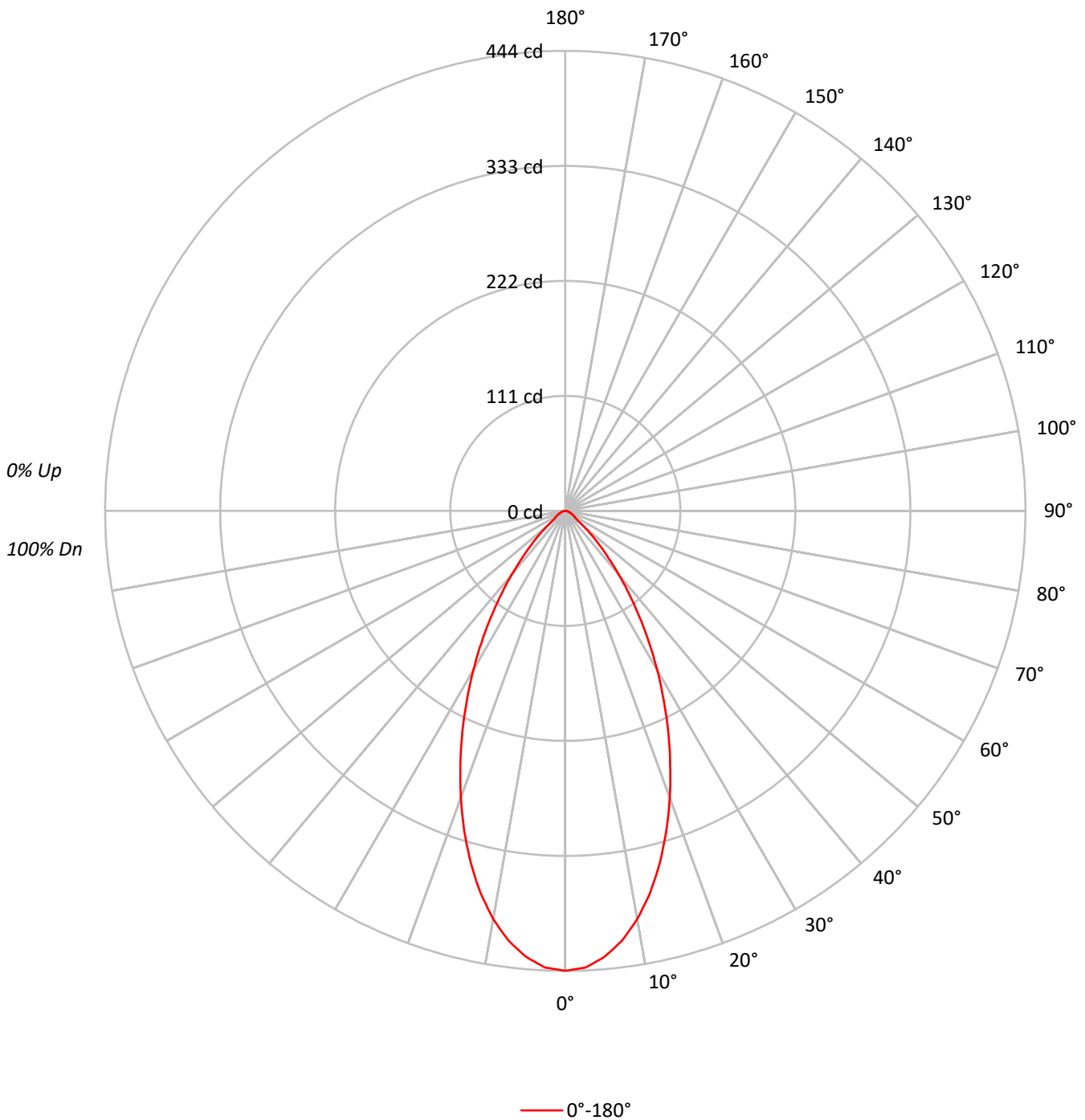
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 384.0 lumens
Efficiency: N/A
Efficacy: 42.7 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
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: P1294519
CATALOG NUMBER: P3AS09R60W2N902750DE010 E3DLP1LI_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1294519
 CATALOG NUMBER: P3AS09R60W2N902750DE010 E3DLP1LI_2700K

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	110	108	105	103	104	102	100	100	98	97	96	95	94	92			
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	91	88	86	85			
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80	78			
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72			
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62			
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	58			
8	77	67	60	56	75	66	60	56	65	60	56	64	59	55	63	58	55	54			
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52	50			
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	97317
5°	95135
10°	89065
15°	79910
20°	68723
25°	56810
30°	44893
35°	33328
40°	22957
45°	14389
50°	7914
55°	4626
60°	4166
65°	3580
70°	3013
75°	3135
80°	2652
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 14389 cd/sqm



TEST NUMBER: P1294519

CATALOG NUMBER: P3AS09R60W2N902750DE010 E3DLP1LI_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.2	10.5
10°-20°	97.8	25.5
20°-30°	107.2	27.9
30°-40°	78.1	20.3
40°-50°	36.9	9.6
50°-60°	12.1	3.1
60°-70°	6.8	1.8
70°-80°	3.7	1.0
80°-90°	1.2	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°	245.2	63.9
0°-40°	323.3	84.2
0°-60°	372.3	97.0
0°-90°	384.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	384.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	444	
5°	432	40
15°	352	98
25°	235	107
35°	124	78
45°	46	37
55°	12	12
65°	7	7
75°	4	4
85°	1	1
90°	0	



TEST NUMBER: P1294519
CATALOG NUMBER: P3AS09R60W2N902750DE010 E3DLP1LI_2700K

CANDELA DISTRIBUTION (FULL):

	0°
0°	443.8
2.5°	441.2
5°	432.2
7.5°	418.5
10°	400.0
12.5°	377.8
15°	352.0
17.5°	324.0
20°	294.5
22.5°	264.4
25°	234.8
27.5°	205.3
30°	177.3
32.5°	150.4
35°	124.5
37.5°	101.3
40°	80.2
42.5°	61.7
45°	46.4
47.5°	33.8
50°	23.2
52.5°	15.3
55°	12.1
57.5°	10.6
60°	9.5
62.5°	7.9
65°	6.9
67.5°	5.8
70°	4.7
72.5°	4.2
75°	3.7
77.5°	2.6
80°	2.1
82.5°	1.6
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)