

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: P1294510

Luminaire Tested: P3AS09R60W2N902750DE010 E3DLP1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1294510
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 E3DLP1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 3000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

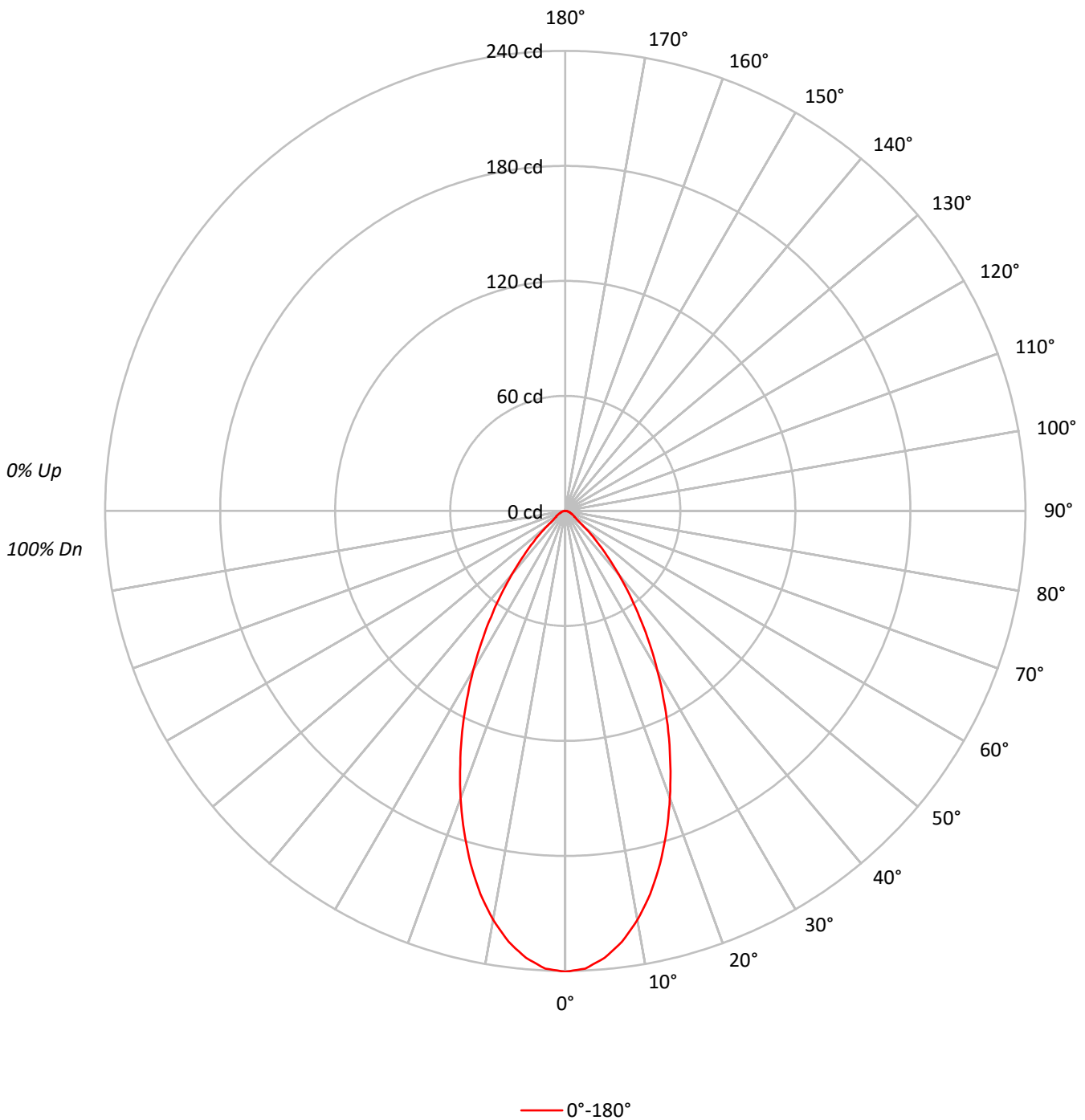
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 208.0 lumens
Efficiency: N/A
Efficacy: 23.1 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: P1294510
CATALOG NUMBER: P3AS09R60W2N902750DE010 E3DLP1GPH_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1294510
 CATALOG NUMBER: P3AS09R60W2N902750DE010 E3DLP1GPH_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			
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°	52715
5°	51530
10°	48251
15°	43292
20°	37220
25°	30776
30°	24308
35°	18069
40°	12423
45°	7815
50°	4298
55°	2523
60°	2237
65°	1920
70°	1667
75°	1694
80°	1389
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7815 cd/sqm



TEST NUMBER: P1294510
 CATALOG NUMBER: P3AS09R60W2N902750DE010 E3DLP1GPH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.8	10.5
10°-20°	53.0	25.5
20°-30°	58.1	27.9
30°-40°	42.3	20.3
40°-50°	20.0	9.6
50°-60°	6.5	3.1
60°-70°	3.7	1.8
70°-80°	2.0	1.0
80°-90°	0.6	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°	132.8	63.9
0°-40°	175.2	84.2
0°-60°	201.7	97.0
0°-90°	208.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	208.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	240	
5°	234	22
15°	191	53
25°	127	58
35°	68	42
45°	25	20
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1294510
CATALOG NUMBER: P3AS09R60W2N902750DE010 E3DLP1GPH_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	240.4
2.5°	239.0
5°	234.1
7.5°	226.7
10°	216.7
12.5°	204.7
15°	190.7
17.5°	175.5
20°	159.5
22.5°	143.2
25°	127.2
27.5°	111.2
30°	96.0
32.5°	81.5
35°	67.5
37.5°	54.9
40°	43.4
42.5°	33.4
45°	25.2
47.5°	18.3
50°	12.6
52.5°	8.3
55°	6.6
57.5°	5.7
60°	5.1
62.5°	4.3
65°	3.7
67.5°	3.1
70°	2.6
72.5°	2.3
75°	2.0
77.5°	1.4
80°	1.1
82.5°	0.9
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)