

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: P1294608

Luminaire Tested: P3AS09R60W2N902765DE010 E3DL1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1294608
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R60W2N902765DE010 E3DL1GPH_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 4000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

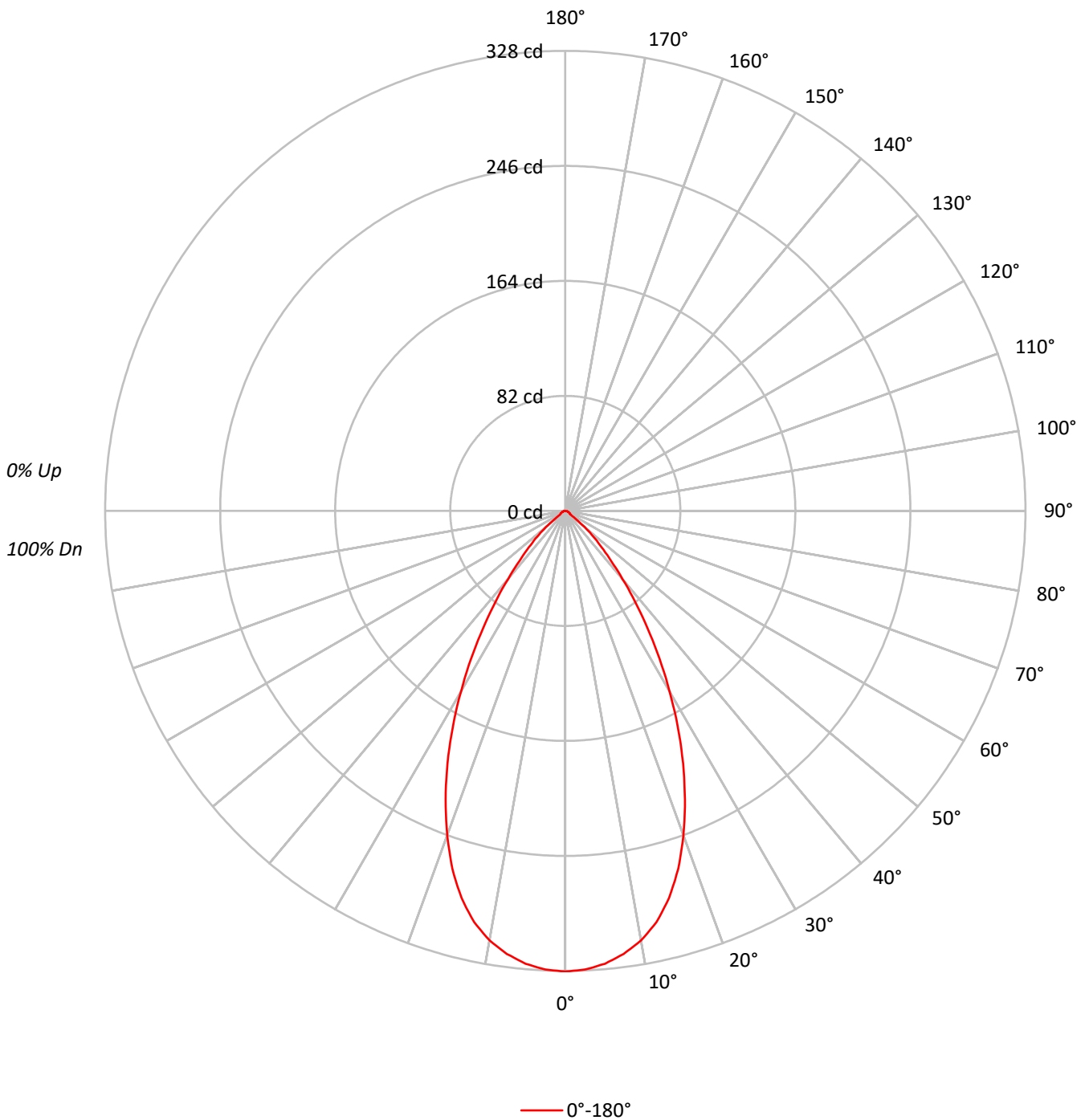
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 305.0 lumens
Efficiency: N/A
Efficacy: 33.9 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
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	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	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93	93	93	93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85	85	85	85
3	101	95	89	85	99	93	88	84	91	86	83	88	85	82	86	83	80	79	79	79	79
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	75	73	73	73	73
5	91	82	76	71	89	81	75	71	79	74	70	78	73	70	76	72	69	68	68	68	68
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63	63	63	63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59	59	59	59
8	77	68	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55	55	55	55
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51	51	51	51
10	70	60	54	50	69	60	54	50	59	53	50	58	53	50	57	53	49	48	48	48	48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	72012
5°	71340
10°	69248
15°	64881
20°	57428
25°	48051
30°	37651
35°	27305
40°	18177
45°	11319
50°	6141
55°	1759
60°	1667
65°	1505
70°	1475
75°	1440
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 11319 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.5	10.0
10°-20°	79.3	26.0
20°-30°	90.4	29.6
30°-40°	64.1	21.0
40°-50°	29.1	9.5
50°-60°	6.2	2.0
60°-70°	3.0	1.0
70°-80°	1.8	0.6
80°-90°	0.7	0.2
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°	200.2	65.6
0°-40°	264.3	86.7
0°-60°	299.5	98.2
0°-90°	305.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	305.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	328	
5°	324	31
15°	286	79
25°	199	90
35°	102	64
45°	36	29
55°	5	6
65°	3	3
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	328.4
2.5°	327.3
5°	324.1
7.5°	318.6
10°	311.0
12.5°	300.3
15°	285.8
17.5°	267.6
20°	246.1
22.5°	222.9
25°	198.6
27.5°	173.6
30°	148.7
32.5°	124.9
35°	102.0
37.5°	81.7
40°	63.5
42.5°	48.1
45°	36.5
47.5°	27.2
50°	18.0
52.5°	8.4
55°	4.6
57.5°	4.1
60°	3.8
62.5°	3.5
65°	2.9
67.5°	2.6
70°	2.3
72.5°	2.0
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)