

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: P1283040

Luminaire Tested: P3AS09R30B2750DE010 E3D1WH_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283040
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R30B2750DE010 E3D1WH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 80CRI , E3D1WH TRIM
Light Source: -
Ballast/Driver: -

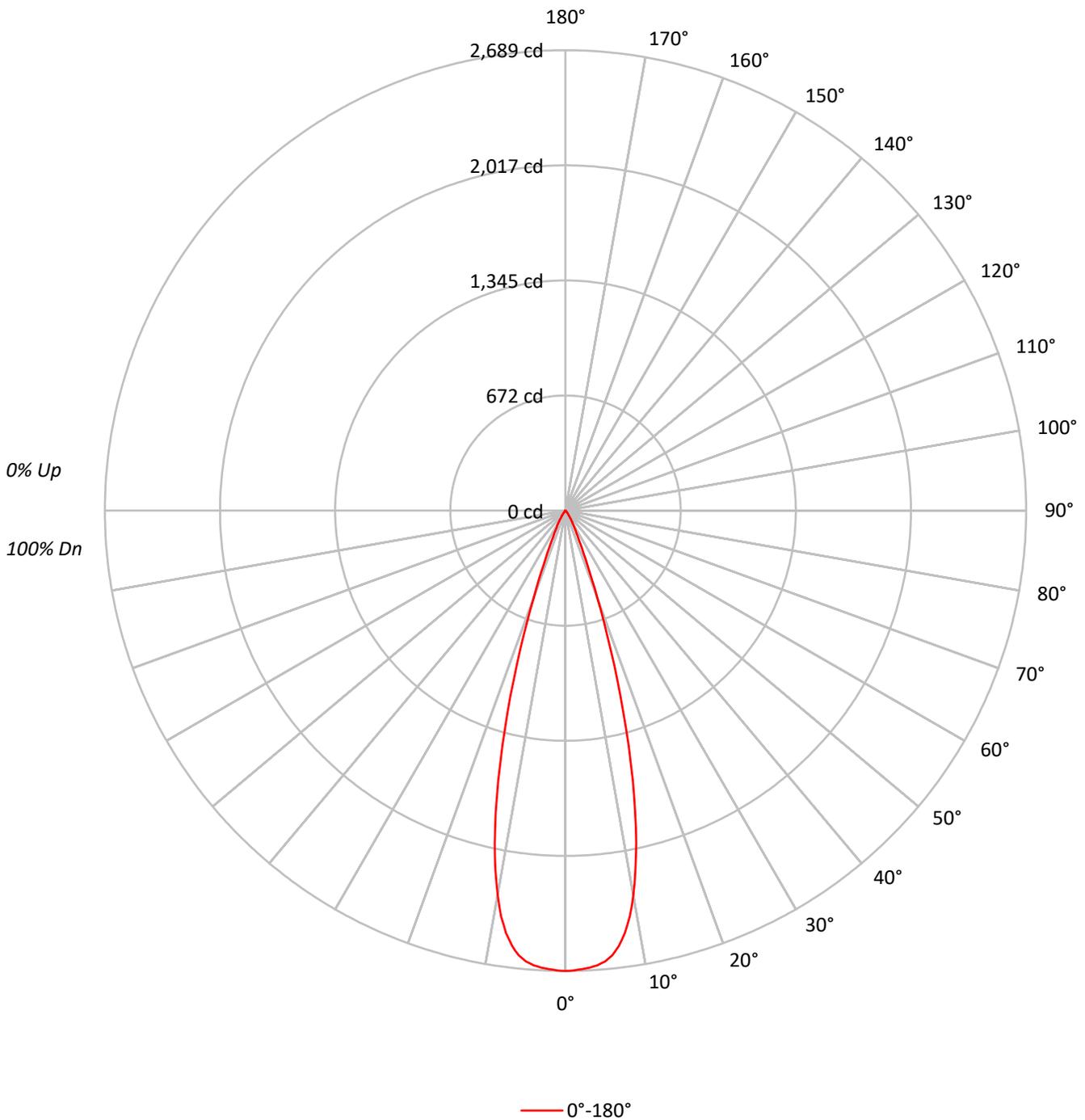
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 741.1 lumens
Efficiency: N/A
Efficacy: 56.6 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 13.1
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	99	98	100
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95	97
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	93	92	94
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	90	89	88	90
4	105	99	95	92	103	98	95	92	96	93	91	94	92	90	93	91	89	88	86	85	88
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	85	83	82	85
6	99	92	88	85	97	92	88	85	90	87	84	89	86	84	88	85	83	82	81	80	82
7	96	89	85	82	95	89	85	82	88	84	82	87	84	81	86	83	81	80	79	78	80
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	84	81	79	78	77	76	78
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	82	79	77	76	75	74	76
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	80	77	75	74	73	72	74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	589558
5°	581883
10°	508029
15°	322908
20°	127948
25°	42728
30°	19876
35°	9021
40°	3464
45°	1706
50°	478
55°	229
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1706 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	241.7	32.6
10°-20°	374.8	50.6
20°-30°	96.6	13.0
30°-40°	22.7	3.1
40°-50°	4.5	0.6
50°-60°	0.5	0.1
60°-70°	0.3	0.0
70°-80°	0.0	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°	713.1	96.2
0°-40°	735.8	99.3
0°-60°	740.8	100.0
0°-90°	741.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	741.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2689	
5°	2644	242
15°	1422	375
25°	177	97
35°	34	23
45°	6	4
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2688.6
1°	2686.6
2°	2680.3
3°	2673.1
4°	2662.4
5°	2643.5
6°	2612.7
7°	2561.5
8°	2491.6
9°	2400.4
10°	2281.6
11°	2140.4
12°	1986.2
13°	1808.7
14°	1622.9
15°	1422.4
16°	1225.9
17°	1036.7
18°	855.2
19°	688.6
20°	548.3
21°	431.5
22°	339.4
23°	268.7
24°	215.2
25°	176.6
26°	147.3
27°	125.1
28°	108.2
29°	92.6
30°	78.5
32.5°	49.5
35°	33.7
37.5°	21.0
40°	12.1
42.5°	8.1
45°	5.5
47.5°	3.2
50°	1.4
52.5°	0.6
55°	0.6
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3



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CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.3
70°	0.0
72.5°	0.0
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)