

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: P1282882

Luminaire Tested: P3AS09R25B2750DE010 E3D1WMH_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282882
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R25B2750DE010 E3D1WMH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

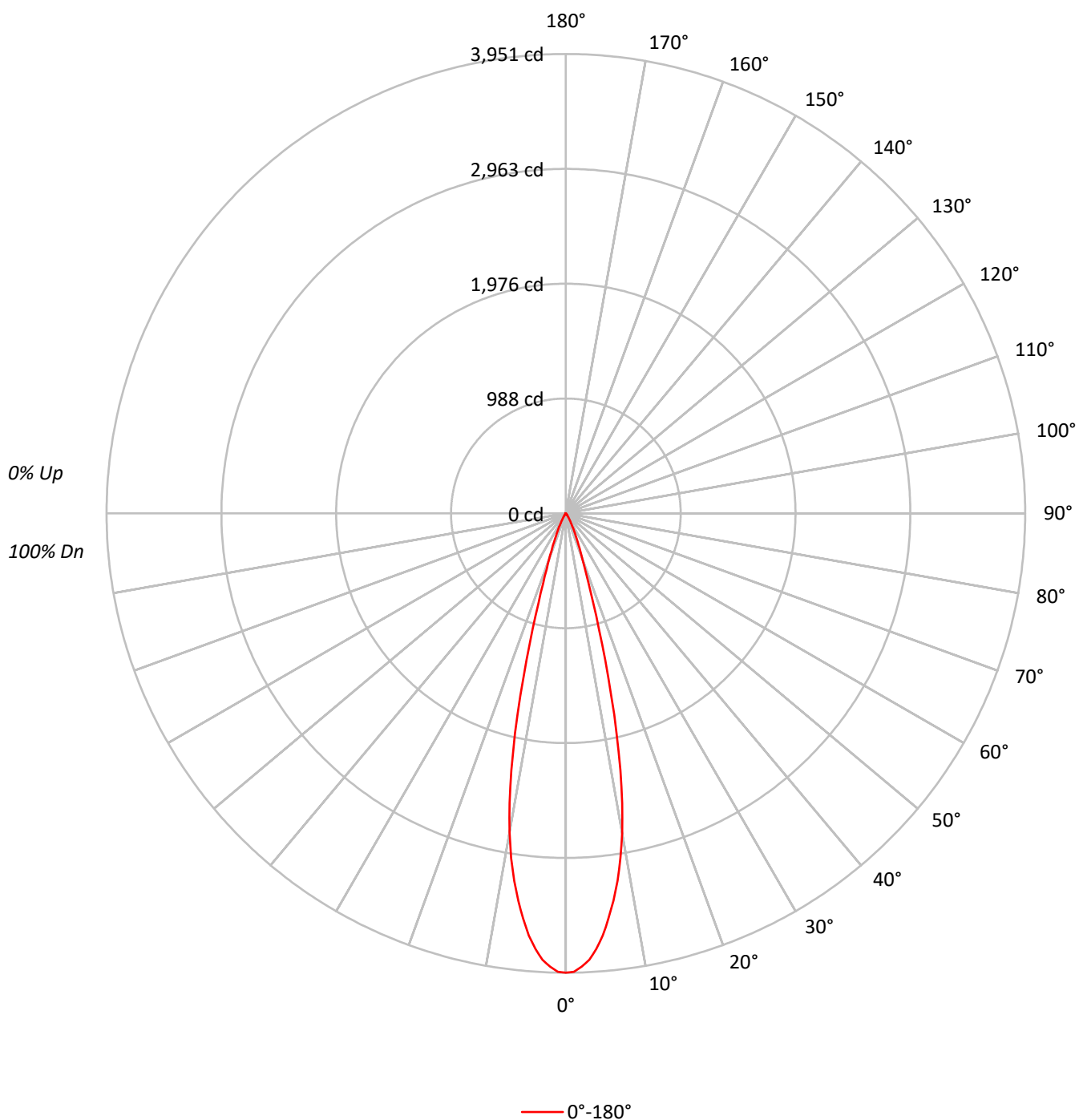
Lumens per Lamp: N/A
Luminaire Lumens: 791.0 lumens
Efficiency: N/A
Efficacy: 60.4 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			
RW	70	50	30	10	70	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	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	99	99	97		
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94		
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92		
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90	89		
5	103	97	93	91	101	96	93	90	95	92	90	93	91	89	92	90	88	87		
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86	85		
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84	83		
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81		
9	93	87	83	81	92	86	83	80	86	83	80	85	82	80	84	82	80	79		
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78	77		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	866290
5°	802485
10°	620897
15°	296574
20°	97775
25°	41228
30°	15977
35°	6906
40°	2290
45°	1054
50°	375
55°	229
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Luminance: 1054 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	320.5	40.5
10°-20°	364.5	46.1
20°-30°	84.7	10.7
30°-40°	17.8	2.2
40°-50°	2.9	0.4
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°	769.6	97.3
0°-40°	787.4	99.5
0°-60°	790.8	100.0
0°-90°	791.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	791.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3951	
5°	3646	320
15°	1306	364
25°	170	85
35°	26	18
45°	3	3
55°	1	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3950.6
1°	3942.6
2°	3901.6
3°	3843.9
4°	3755.9
5°	3645.7
6°	3504.4
7°	3356.4
8°	3190.3
9°	3003.0
10°	2788.5
11°	2539.9
12°	2254.5
13°	1941.9
14°	1614.9
15°	1306.4
16°	1033.3
17°	805.0
18°	633.2
19°	506.5
20°	419.0
21°	350.2
22°	294.0
23°	245.5
24°	205.3
25°	170.4
27.5°	101.0
30°	63.1
32.5°	40.4
35°	25.8
37.5°	15.5
40°	8.0
42.5°	5.2
45°	3.4
47.5°	2.0
50°	1.1
52.5°	0.6
55°	0.6
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.0
72.5°	0.0



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CANDELA DISTRIBUTION (continued):

	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)