

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: P1283331

Luminaire Tested: P3AS09R40B2750DE010 E3D1LI_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283331
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R40B2750DE010 E3D1LI_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 5000K CCT AND, 80CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

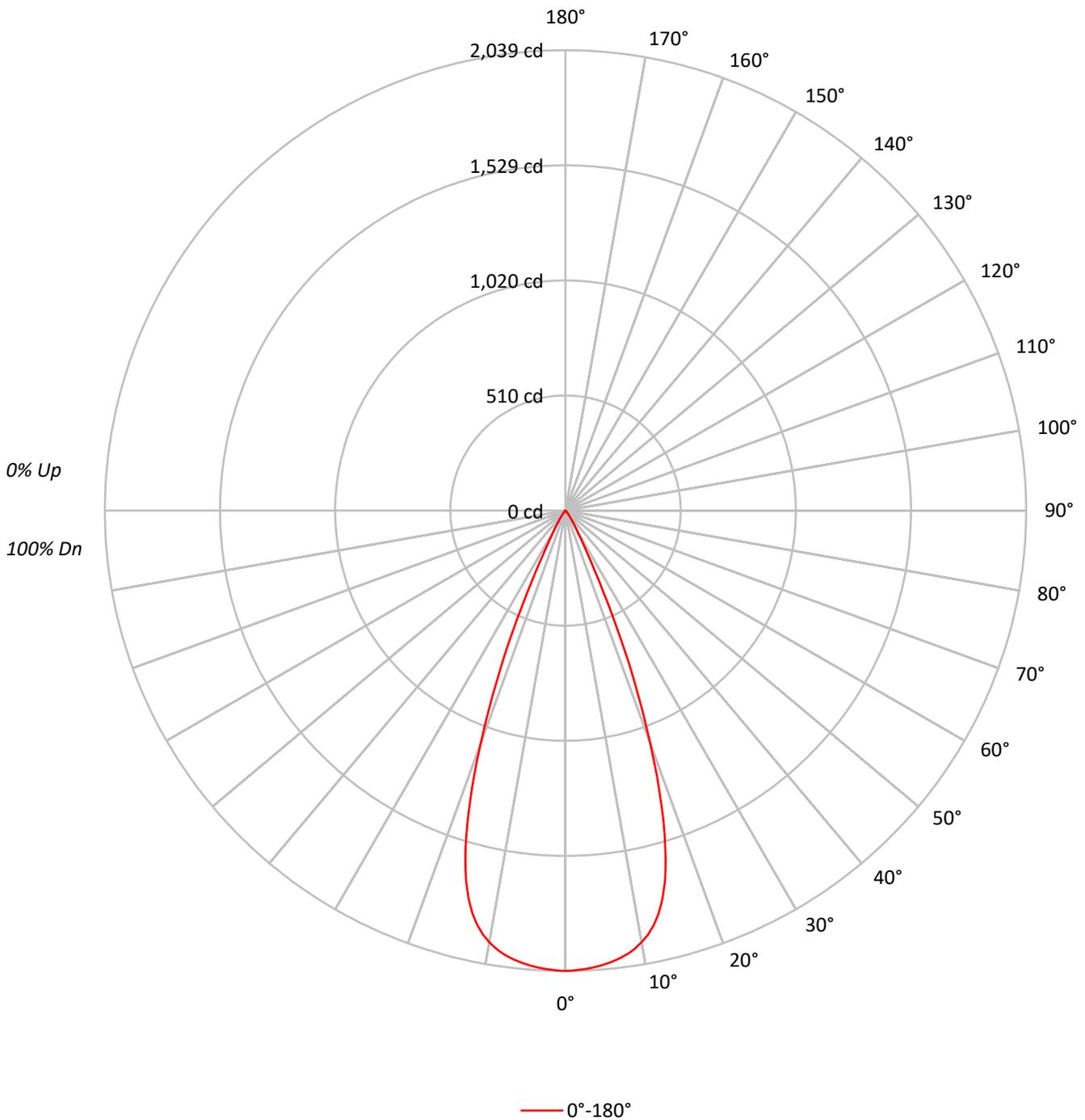
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 877.0 lumens
Efficiency: N/A
Efficacy: 66.9 lumens/watt
Spacing Criteria (0/90/45): 0.7 / 0.7 / 0.6
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	100	100	100
1	115	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	96	96	96	96
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	92	92	92	92
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	93	91	90	88	88	88	88
4	103	97	93	90	101	96	92	89	94	91	88	92	89	87	90	88	86	85	85	85	85
5	99	93	89	85	98	92	88	85	91	87	84	89	86	84	88	85	83	82	82	82	82
6	96	89	85	81	95	89	84	81	87	83	81	86	83	80	85	82	80	79	79	79	79
7	93	86	81	78	92	85	81	78	84	80	77	83	80	77	82	79	77	76	76	76	76
8	90	83	78	75	89	82	78	75	81	77	75	80	77	74	79	76	74	73	73	73	73
9	87	80	75	72	86	79	75	72	78	75	72	78	74	72	77	74	71	70	70	70	70
10	84	77	72	70	83	77	72	69	76	72	69	75	72	69	74	71	69	68	68	68	68

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	447026
5°	443803
10°	432190
15°	386064
20°	255989
25°	95909
30°	25650
35°	10038
40°	3607
45°	1706
50°	512
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°	190.3	21.7
10°-20°	450.6	51.4
20°-30°	204.3	23.3
30°-40°	26.5	3.0
40°-50°	4.6	0.5
50°-60°	0.5	0.1
60°-70°	0.2	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°	845.2	96.4
0°-40°	871.7	99.4
0°-60°	876.8	100.0
0°-90°	877.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	877.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2039	
5°	2016	190
15°	1701	451
25°	396	204
35°	38	26
45°	6	5
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2038.6
1°	2037.4
2°	2034.3
3°	2029.7
4°	2023.9
5°	2016.2
6°	2007.3
7°	1996.2
8°	1982.7
9°	1964.3
10°	1941.0
11°	1913.6
12°	1877.1
13°	1832.0
14°	1773.0
15°	1700.6
16°	1608.2
17°	1502.9
18°	1376.4
19°	1242.8
20°	1097.0
21°	951.1
22°	807.5
23°	664.4
24°	523.8
25°	396.4
26°	293.5
27°	214.9
28°	161.5
29°	125.6
30°	101.3
31°	83.8
32°	70.0
32.5°	63.9
33°	57.7
34°	47.0
35°	37.5
36°	29.5
37°	23.3
37.5°	20.9
38°	18.4
39°	15.4
40°	12.6
42.5°	8.3
45°	5.5



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	3.4
50°	1.5
52.5°	0.6
55°	0.6
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.0
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)