

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: P1282596

Luminaire Tested: P3AS09R15B2750DE010 E3D1WMH_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282596
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R15B2750DE010 E3D1WMH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 80CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

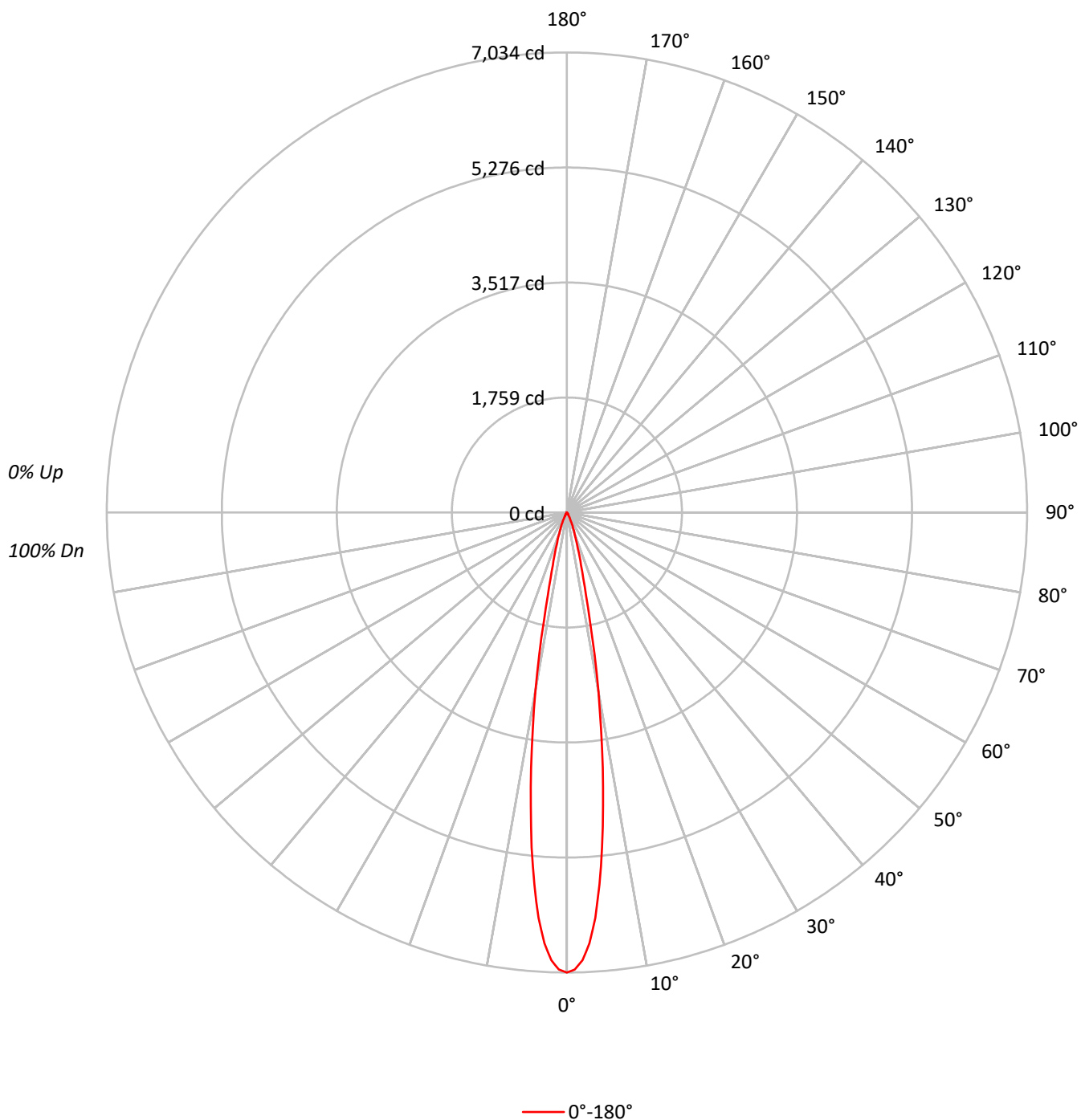
Lumens per Lamp: N/A
Luminaire Lumens: 810.0 lumens
Efficiency: N/A
Efficacy: 61.8 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				20				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																													
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	102	102	102	102	102	102	102	102	100
1	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99	99	98	97	96	95	94	93	92	91	90	89	88
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97	96	95	94	93	92	91	90	89	88	87	86	85
3	110	106	102	100	108	104	102	99	102	100	98	100	98	96	98	96	95	94	93	92	91	90	89	88	87	86	85	84	83
4	107	102	99	96	106	101	98	96	99	97	95	98	96	94	96	94	93	92	91	90	89	88	87	86	85	84	83	82	81
5	105	100	96	94	103	99	96	93	97	94	92	96	93	92	94	93	91	90	89	88	87	86	85	84	83	82	81	80	79
6	102	97	94	91	101	96	93	91	95	92	90	94	92	90	93	91	89	88	87	86	85	84	83	82	81	80	79	78	77
7	100	95	91	89	99	94	91	89	93	90	88	92	90	88	91	89	88	87	86	85	84	83	82	81	80	79	78	77	76
8	98	93	89	87	97	92	89	87	91	89	87	91	88	86	90	88	86	85	84	83	82	81	80	79	78	77	76	75	74
9	96	91	88	85	96	91	87	85	90	87	85	89	87	85	89	86	85	84	83	82	81	80	79	78	77	76	75	74	73
10	95	89	86	84	94	89	86	84	88	85	83	88	85	83	87	85	83	82	81	80	79	78	77	76	75	74	73	72	71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1542442
5°	1257756
10°	615976
15°	188537
20°	79854
25°	36123
30°	14078
35°	6505
40°	2032
45°	775
50°	307
55°	115
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 775 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	444.8	54.9
10°-20°	272.9	33.7
20°-30°	73.3	9.1
30°-40°	16.2	2.0
40°-50°	2.3	0.3
50°-60°	0.4	0.0
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°	791.0	97.7
0°-40°	807.2	99.6
0°-60°	809.8	100.0
0°-90°	810.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	810.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7034	
5°	5714	445
15°	830	273
25°	149	73
35°	24	16
45°	2	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	7034.1
1°	6990.2
2°	6849.2
3°	6595.2
4°	6212.8
5°	5714.0
6°	5149.8
7°	4521.4
8°	3944.0
9°	3331.9
10°	2766.4
11°	2206.8
12°	1697.9
13°	1306.0
14°	1033.8
15°	830.5
17.5°	514.8
20°	342.2
22.5°	230.4
25°	149.3
27.5°	88.5
30°	55.6
32.5°	37.5
35°	24.3
37.5°	13.5
40°	7.1
42.5°	4.0
45°	2.5
47.5°	1.5
50°	0.9
52.5°	0.6
55°	0.3
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



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)