

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: P1282611

Luminaire Tested: P3AS09R15B2750DE010 E3DL1LI_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282611
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R15B2750DE010 E3DL1LI_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 80CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

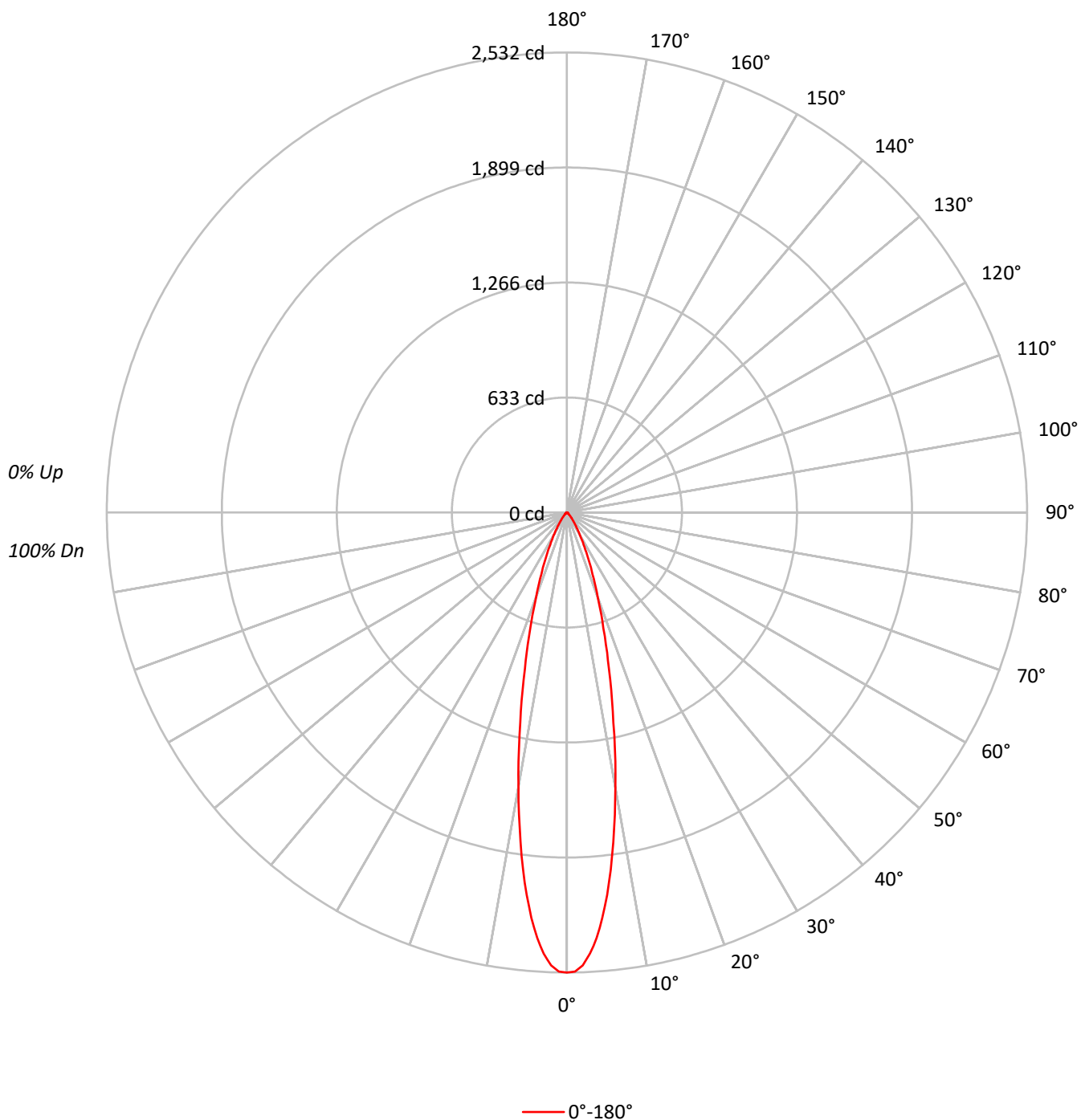
Lumens per Lamp: N/A
Luminaire Lumens: 650.0 lumens
Efficiency: N/A
Efficacy: 49.6 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	94	93
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91	90	89
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	87	86	85
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	83	82	81
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	80	79	78
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77	76	75
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74	73	72
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	72	71	70
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69	68	67
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67	66	65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	555263
5°	492889
10°	342300
15°	202430
20°	115277
25°	65907
30°	36461
35°	19434
40°	10763
45°	5830
50°	3616
55°	2867
60°	2456
65°	2283
70°	1988
75°	2118
80°	1642
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5830 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	190.4	29.3
10°-20°	251.3	38.7
20°-30°	129.4	19.9
30°-40°	48.6	7.5
40°-50°	15.9	2.4
50°-60°	6.8	1.1
60°-70°	4.3	0.7
70°-80°	2.6	0.4
80°-90°	0.7	0.1
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°	571.1	87.9
0°-40°	619.7	95.3
0°-60°	642.4	98.8
0°-90°	650.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	650.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2532	
5°	2239	190
15°	892	251
25°	272	129
35°	73	49
45°	19	16
55°	8	7
65°	4	4
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2532.2
1°	2527.2
2°	2494.0
3°	2430.8
4°	2347.5
5°	2239.2
6°	2116.5
7°	1981.8
8°	1832.2
9°	1684.4
10°	1537.3
12.5°	1182.8
15°	891.7
17.5°	667.5
20°	494.0
22.5°	368.8
25°	272.4
27.5°	198.5
30°	144.0
32.5°	102.1
35°	72.6
37.5°	52.0
40°	37.6
42.5°	26.9
45°	18.8
47.5°	13.8
50°	10.6
52.5°	8.8
55°	7.5
57.5°	6.3
60°	5.6
62.5°	5.0
65°	4.4
67.5°	3.8
70°	3.1
72.5°	3.1
75°	2.5
77.5°	1.9
80°	1.3
82.5°	1.3
85°	0.6
87.5°	0.0
90°	0.0

(END OF REPORT)