

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: P1282595

Luminaire Tested: P3AS09R15B2750DE010 E3D1WMH_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282595
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_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 4000K CCT AND, 80CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

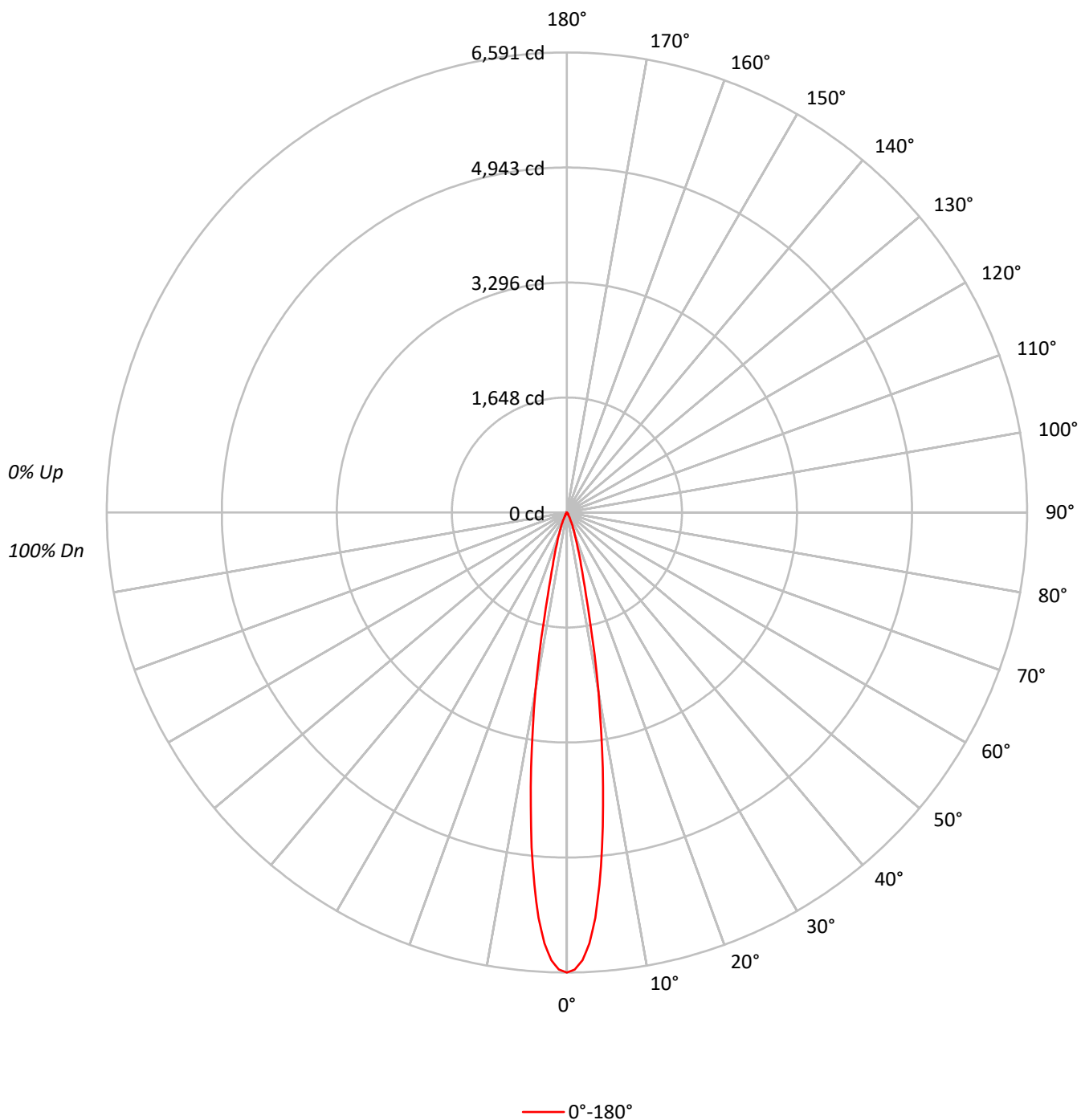
Lumens per Lamp: N/A
Luminaire Lumens: 759.0 lumens
Efficiency: N/A
Efficacy: 57.9 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				
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	0			
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99	98			
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97	96			
3	110	106	102	100	108	104	102	99	102	100	98	100	98	96	98	96	95	94			
4	107	102	99	96	105	101	98	96	99	97	95	98	96	94	96	94	93	92			
5	105	100	96	94	103	99	96	93	97	94	92	96	93	92	94	93	91	90			
6	102	97	94	91	101	96	93	91	95	92	90	94	92	90	93	91	89	88			
7	100	95	91	89	99	94	91	89	93	90	88	92	90	88	91	89	88	87			
8	98	93	89	87	97	92	89	87	91	89	87	91	88	86	90	88	86	85			
9	96	91	88	85	96	91	87	85	90	87	85	89	87	85	88	86	85	84			
10	95	89	86	84	94	89	86	84	88	85	83	88	85	83	87	85	83	82			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1445323
5°	1178579
10°	577188
15°	176664
20°	74813
25°	33849
30°	13192
35°	6077
40°	1889
45°	713
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: 713 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	416.8	54.9
10°-20°	255.7	33.7
20°-30°	68.7	9.1
30°-40°	15.1	2.0
40°-50°	2.1	0.3
50°-60°	0.4	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°	741.2	97.7
0°-40°	756.3	99.6
0°-60°	758.8	100.0
0°-90°	759.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	759.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6591	
5°	5354	417
15°	778	256
25°	140	69
35°	23	15
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°	6591.2
1°	6550.1
2°	6418.0
3°	6180.0
4°	5821.7
5°	5354.3
6°	4825.6
7°	4236.7
8°	3695.7
9°	3122.1
10°	2592.2
11°	2067.9
12°	1591.0
13°	1223.7
14°	968.7
15°	778.2
17.5°	482.4
20°	320.6
22.5°	215.9
25°	139.9
27.5°	82.9
30°	52.1
32.5°	35.1
35°	22.7
37.5°	12.7
40°	6.6
42.5°	3.7
45°	2.3
47.5°	1.4
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)