

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: P1282593

Luminaire Tested: P3AS09R15B2750DE010 E3D1WMH_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282593
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_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

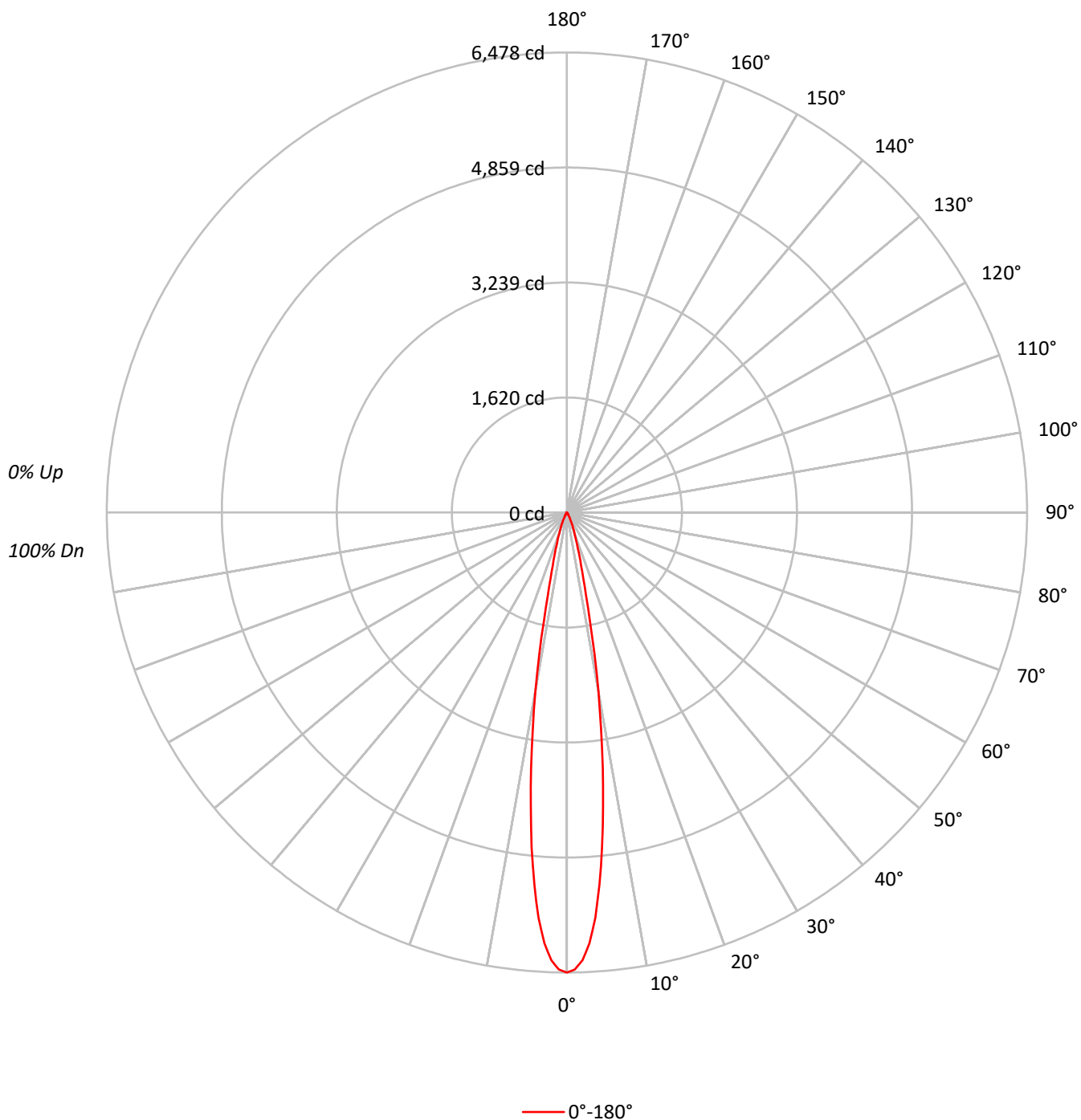
Lumens per Lamp: N/A
Luminaire Lumens: 746.0 lumens
Efficiency: N/A
Efficacy: 56.9 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	1420566
5°	1158395
10°	567302
15°	173645
20°	73530
25°	33268
30°	12964
35°	5970
40°	1861
45°	713
50°	273
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°	409.6	54.9
10°-20°	251.4	33.7
20°-30°	67.5	9.1
30°-40°	14.9	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°	728.5	97.7
0°-40°	743.4	99.6
0°-60°	745.8	100.0
0°-90°	746.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	746.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6478	
5°	5263	410
15°	765	251
25°	138	68
35°	22	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°	6478.3
1°	6437.9
2°	6308.1
3°	6074.1
4°	5721.9
5°	5262.6
6°	4742.9
7°	4164.2
8°	3632.4
9°	3068.6
10°	2547.8
11°	2032.4
12°	1563.7
13°	1202.8
14°	952.1
15°	764.9
17.5°	474.1
20°	315.1
22.5°	212.2
25°	137.5
27.5°	81.5
30°	51.2
32.5°	34.5
35°	22.3
37.5°	12.4
40°	6.5
42.5°	3.7
45°	2.3
47.5°	1.4
50°	0.8
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)