

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: P1282652

Luminaire Tested: P3AS09R15B2750DE010 E3DLD1WMH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282652
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R15B2750DE010 E3DLD1WMH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

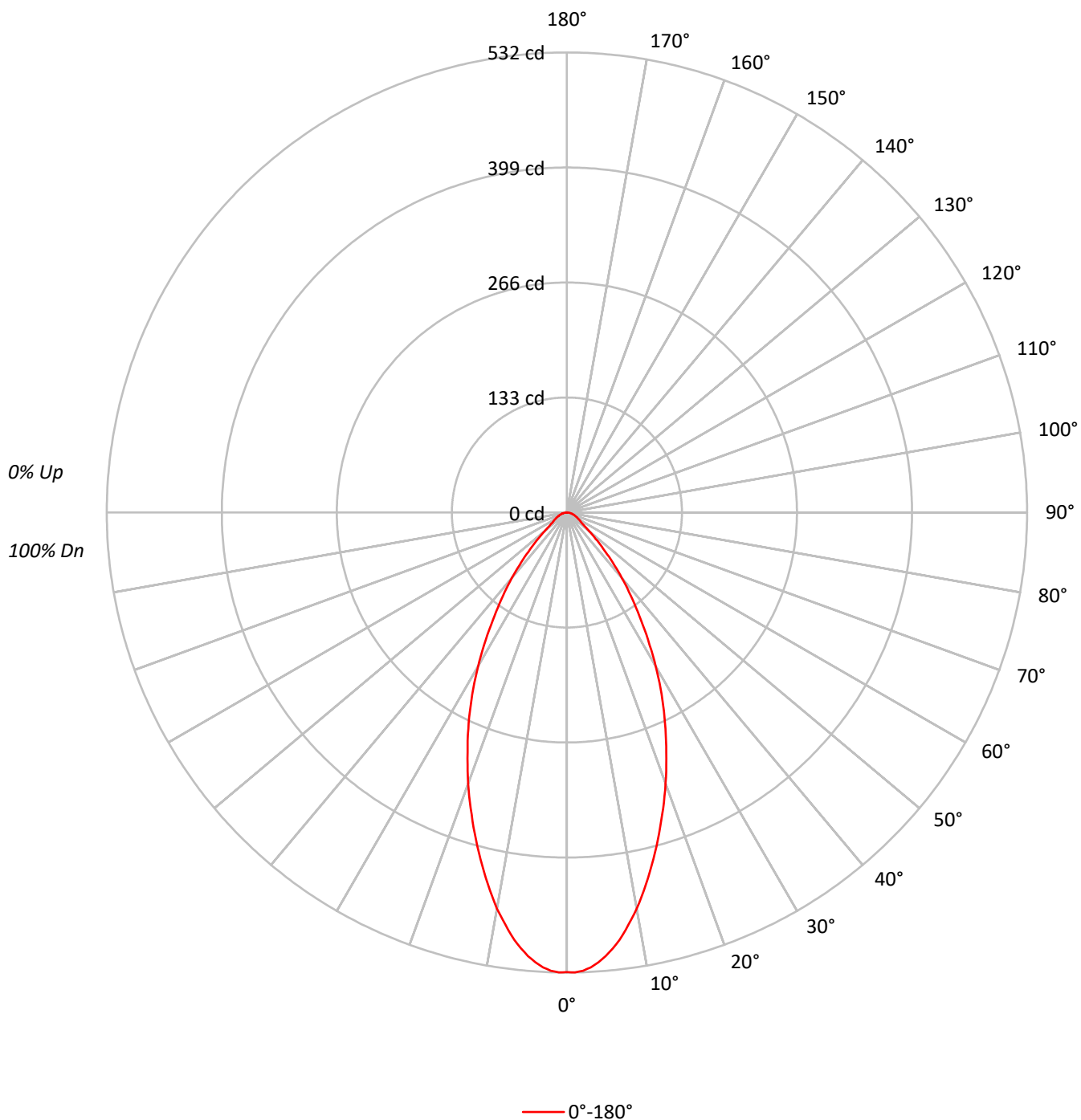
Lumens per Lamp: N/A
Luminaire Lumens: 462.0 lumens
Efficiency: N/A
Efficacy: 35.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96	95	93	91
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90	87	85	83
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84	81	78	76
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78	75	72	70
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74	69	66	65
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69	65	61	60
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65	61	57	56
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61	57	53	52
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58	53	50	49
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55	50	47	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	116526
5°	113361
10°	103605
15°	90738
20°	77847
25°	64988
30°	52008
35°	39003
40°	28310
45°	18514
50°	11565
55°	7837
60°	6929
65°	6382
70°	6027
75°	5422
80°	5177
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18514 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.5	10.3
10°-20°	111.4	24.1
20°-30°	122.7	26.6
30°-40°	91.9	19.9
40°-50°	47.6	10.3
50°-60°	19.7	4.3
60°-70°	12.2	2.6
70°-80°	6.9	1.5
80°-90°	2.0	0.4
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°	281.6	61.0
0°-40°	373.5	80.9
0°-60°	440.9	95.4
0°-90°	462.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	462.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	531	
5°	515	48
15°	400	111
25°	269	123
35°	146	92
45°	60	48
55°	20	20
65°	12	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	531.4
1°	532.0
2°	530.3
3°	526.8
4°	521.5
5°	515.0
6°	506.9
7°	498.1
8°	487.5
9°	476.4
10°	465.3
12.5°	433.1
15°	399.7
17.5°	366.4
20°	333.6
22.5°	300.2
25°	268.6
27.5°	237.0
30°	205.4
32.5°	174.4
35°	145.7
37.5°	121.2
40°	98.9
42.5°	78.4
45°	59.7
47.5°	45.1
50°	33.9
52.5°	25.2
55°	20.5
57.5°	18.1
60°	15.8
62.5°	14.0
65°	12.3
67.5°	10.5
70°	9.4
72.5°	7.6
75°	6.4
77.5°	5.3
80°	4.1
82.5°	2.9
85°	1.8
87.5°	0.6
90°	0.0

(END OF REPORT)