

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: P1282646

Luminaire Tested: P3AS09R15B2750DE010 E3DLD1MW_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282646
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 E3DLD1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 80CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

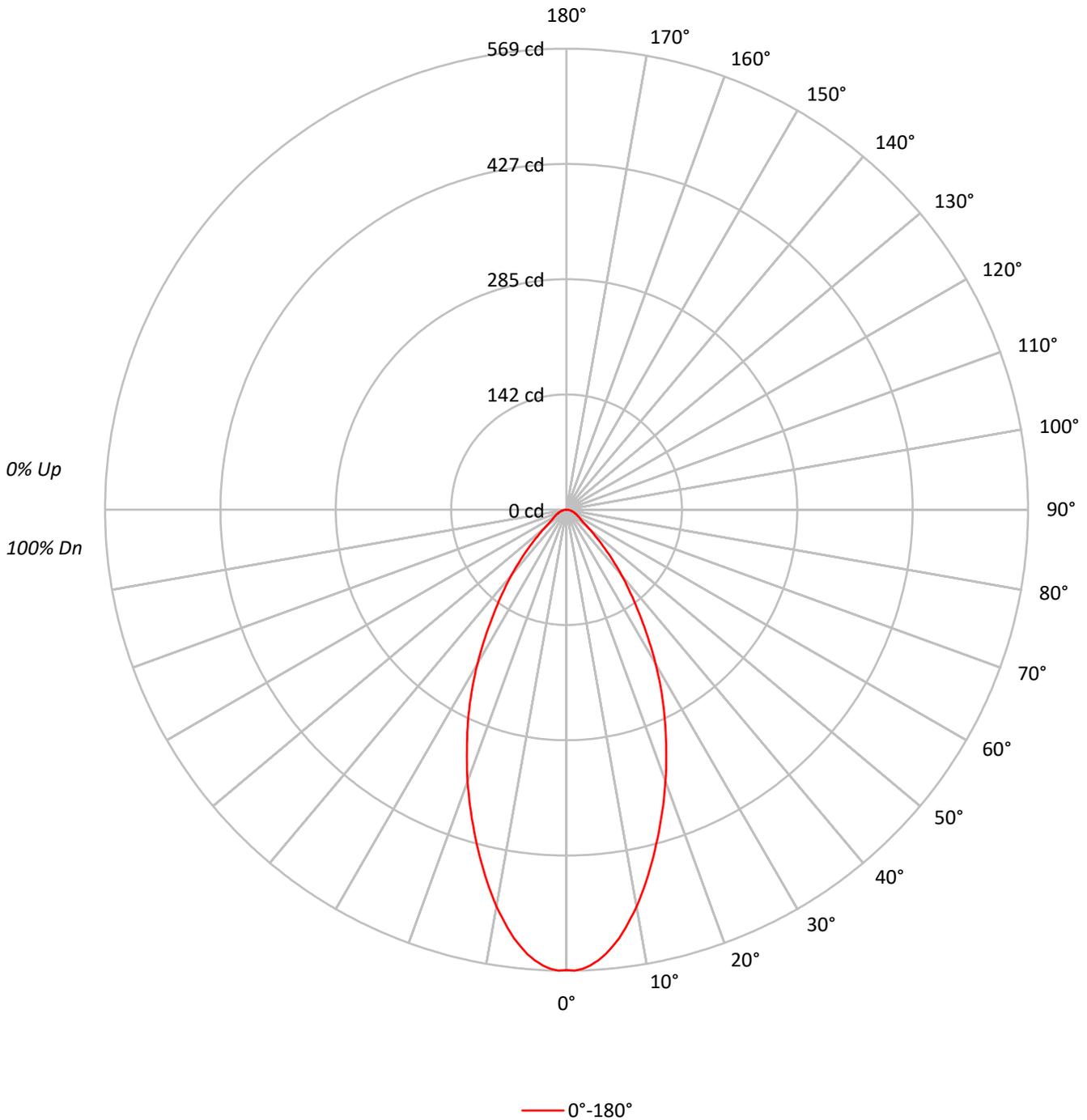
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 494.0 lumens
Efficiency: N/A
Efficacy: 37.7 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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	109	107	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°	124595
5°	121219
10°	110775
15°	97027
20°	83237
25°	69512
30°	55629
35°	41706
40°	30285
45°	19785
50°	12383
55°	8372
60°	7412
65°	6797
70°	6411
75°	5846
80°	5556
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19785 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.8	10.3
10°-20°	119.1	24.1
20°-30°	131.2	26.6
30°-40°	98.3	19.9
40°-50°	50.9	10.3
50°-60°	21.1	4.3
60°-70°	13.1	2.6
70°-80°	7.3	1.5
80°-90°	2.1	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°	301.1	61.0
0°-40°	399.4	80.9
0°-60°	471.5	95.4
0°-90°	494.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	494.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	568	
5°	551	51
15°	427	119
25°	287	131
35°	156	98
45°	64	51
55°	22	21
65°	13	13
75°	7	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	568.2
1°	568.9
2°	567.0
3°	563.2
4°	557.6
5°	550.7
6°	542.0
7°	532.6
8°	521.3
9°	509.4
10°	497.5
12.5°	463.1
15°	427.4
17.5°	391.8
20°	356.7
22.5°	321.0
25°	287.3
27.5°	253.5
30°	219.7
32.5°	186.5
35°	155.8
37.5°	129.5
40°	105.8
42.5°	83.9
45°	63.8
47.5°	48.2
50°	36.3
52.5°	26.9
55°	21.9
57.5°	19.4
60°	16.9
62.5°	15.0
65°	13.1
67.5°	11.3
70°	10.0
72.5°	8.1
75°	6.9
77.5°	5.6
80°	4.4
82.5°	3.1
85°	1.9
87.5°	0.6
90°	0.0

(END OF REPORT)