

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: P1282696

Luminaire Tested: P3AS09R15B2750DE010 E3PHLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282696
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R15B2750DE010 E3PHLD1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 80CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

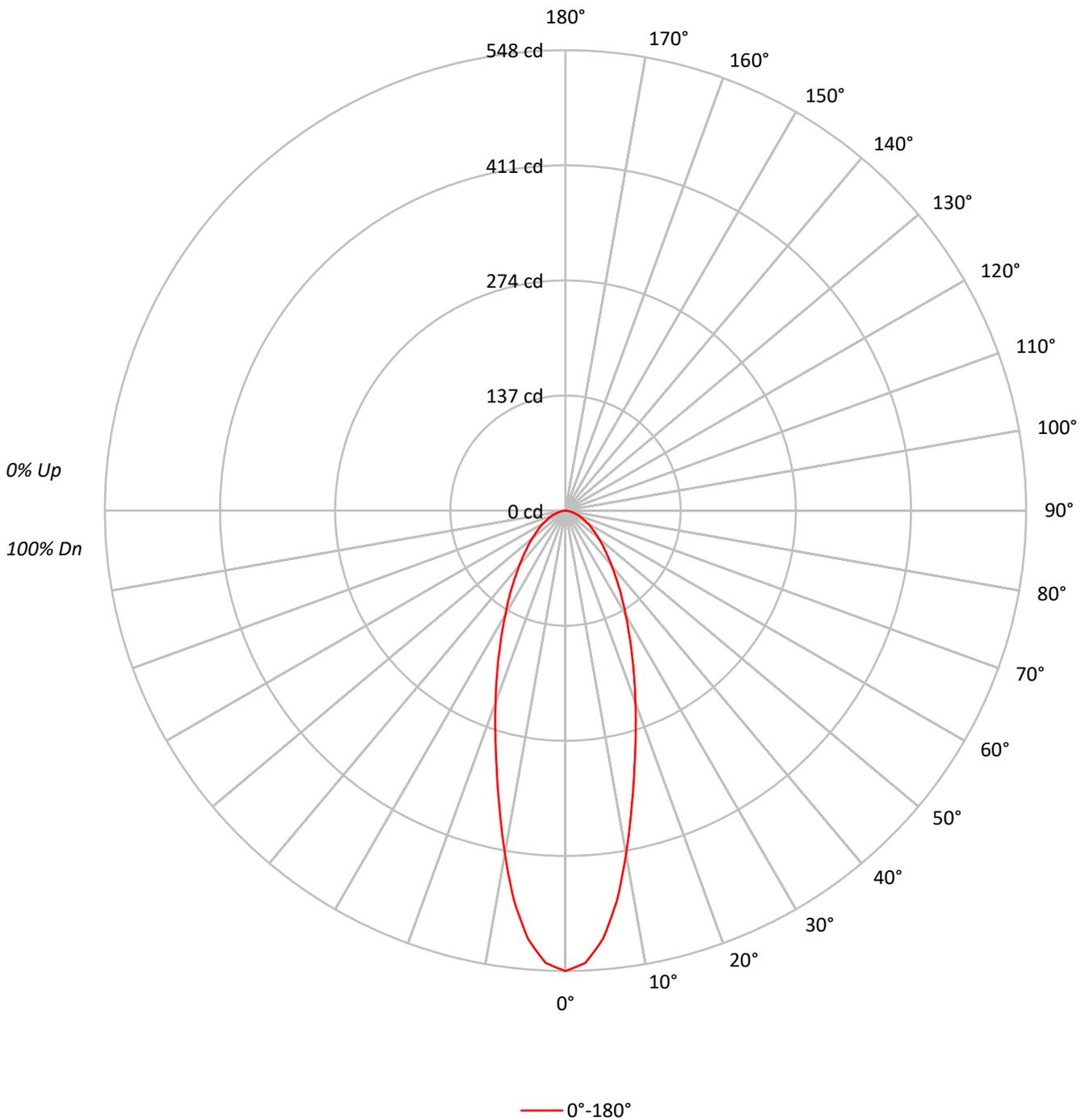
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 413.0 lumens
Efficiency: N/A
Efficacy: 31.5 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
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				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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	95	93	92	90
2	104	98	93	89	102	97	92	88	93	89	86	90	87	84	87	85	82	87	85	82	80
3	98	90	84	79	96	88	83	78	85	81	77	83	79	75	81	77	74	81	77	74	72
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	75	71	67	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	70	65	62	60
6	81	71	63	58	79	70	63	58	68	62	58	67	61	57	65	60	57	65	60	57	55
7	77	66	59	54	75	65	58	54	64	58	53	62	57	53	61	56	53	61	56	53	51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	58	53	49	47
9	69	58	51	47	68	57	51	46	56	50	46	55	50	46	54	49	46	54	49	46	44
10	65	54	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	52	47	43	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	120188
5°	112657
10°	92383
15°	71782
20°	56658
25°	45148
30°	36233
35°	29580
40°	24389
45°	20498
50°	17603
55°	15254
60°	13508
65°	11726
70°	10450
75°	8472
80°	6819
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 20498 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.7	11.1
10°-20°	88.6	21.4
20°-30°	86.1	20.8
30°-40°	69.6	16.8
40°-50°	51.7	12.5
50°-60°	36.1	8.7
60°-70°	22.6	5.5
70°-80°	10.7	2.6
80°-90°	2.0	0.5
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°	220.4	53.4
0°-40°	289.9	70.2
0°-60°	377.7	91.5
0°-90°	413.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	413.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	548	
5°	512	46
15°	316	89
25°	187	86
35°	110	70
45°	66	52
55°	40	36
65°	23	23
75°	10	11
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	548.1
2.5°	539.0
5°	511.8
7.5°	468.4
10°	414.9
12.5°	362.4
15°	316.2
17.5°	277.2
20°	242.8
22.5°	212.9
25°	186.6
27.5°	163.1
30°	143.1
32.5°	125.9
35°	110.5
37.5°	96.9
40°	85.2
42.5°	75.2
45°	66.1
47.5°	58.9
50°	51.6
52.5°	45.3
55°	39.9
57.5°	35.3
60°	30.8
62.5°	26.3
65°	22.6
67.5°	19.0
70°	16.3
72.5°	12.7
75°	10.0
77.5°	7.2
80°	5.4
82.5°	2.7
85°	1.8
87.5°	0.0
90°	0.0

(END OF REPORT)