

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: P1282986

Luminaire Tested: P3AS09R25B2750DE010 E3PHLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282986
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R25B2750DE010 E3PHLD1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 80CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

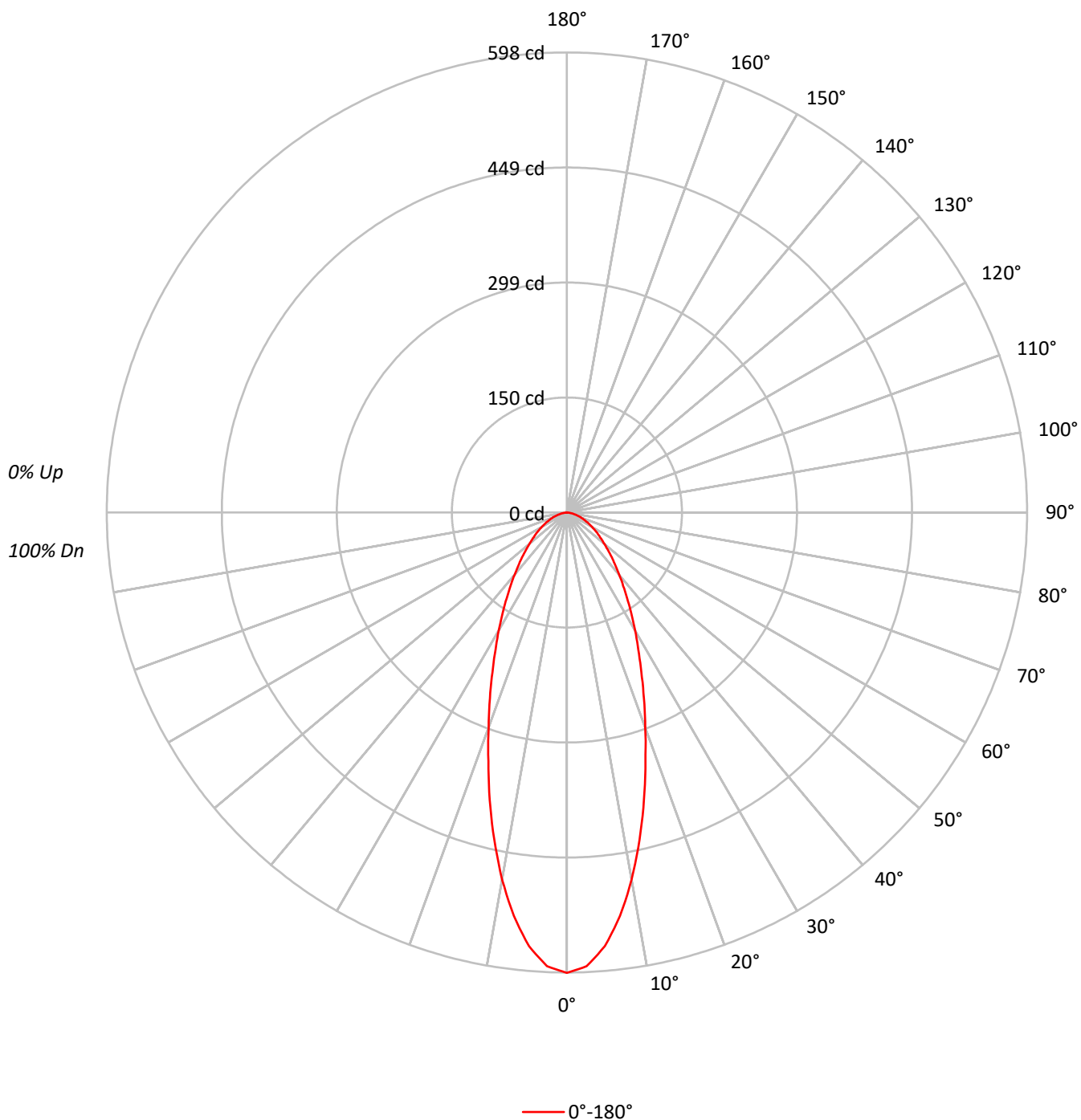
Lumens per Lamp: N/A
Luminaire Lumens: 503.0 lumens
Efficiency: N/A
Efficacy: 38.4 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			
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	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90		
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80		
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72		
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	65		
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	59		
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	55		
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	50		
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47		
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44		
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	41		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	131239
5°	124587
10°	107903
15°	87855
20°	69423
25°	55334
30°	44868
35°	36540
40°	30285
45°	25522
50°	21594
55°	19001
60°	16665
65°	14528
70°	12759
75°	10760
80°	7956
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25522 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.4	10.2
10°-20°	107.3	21.3
20°-30°	105.8	21.0
30°-40°	86.1	17.1
40°-50°	63.9	12.7
50°-60°	44.6	8.9
60°-70°	27.9	5.5
70°-80°	13.5	2.7
80°-90°	2.6	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°	264.5	52.6
0°-40°	350.5	69.7
0°-60°	459.0	91.3
0°-90°	503.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	503.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	598	
5°	566	51
15°	387	107
25°	229	106
35°	136	86
45°	82	64
55°	50	45
65°	28	28
75°	13	13
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	598.5
2.5°	590.4
5°	566.0
7.5°	528.9
10°	484.6
12.5°	435.8
15°	387.0
17.5°	339.0
20°	297.5
22.5°	261.3
25°	228.7
27.5°	200.7
30°	177.2
32.5°	155.5
35°	136.5
37.5°	120.2
40°	105.8
42.5°	93.1
45°	82.3
47.5°	72.3
50°	63.3
52.5°	56.1
55°	49.7
57.5°	43.4
60°	38.0
62.5°	32.5
65°	28.0
67.5°	23.5
70°	19.9
72.5°	16.3
75°	12.7
77.5°	9.0
80°	6.3
82.5°	3.6
85°	1.8
87.5°	0.9
90°	0.0

(END OF REPORT)