

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: P1282987

Luminaire Tested: P3AS09R25B2750DE010 E3PHLP1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282987
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R25B2750DE010 E3PHLP1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

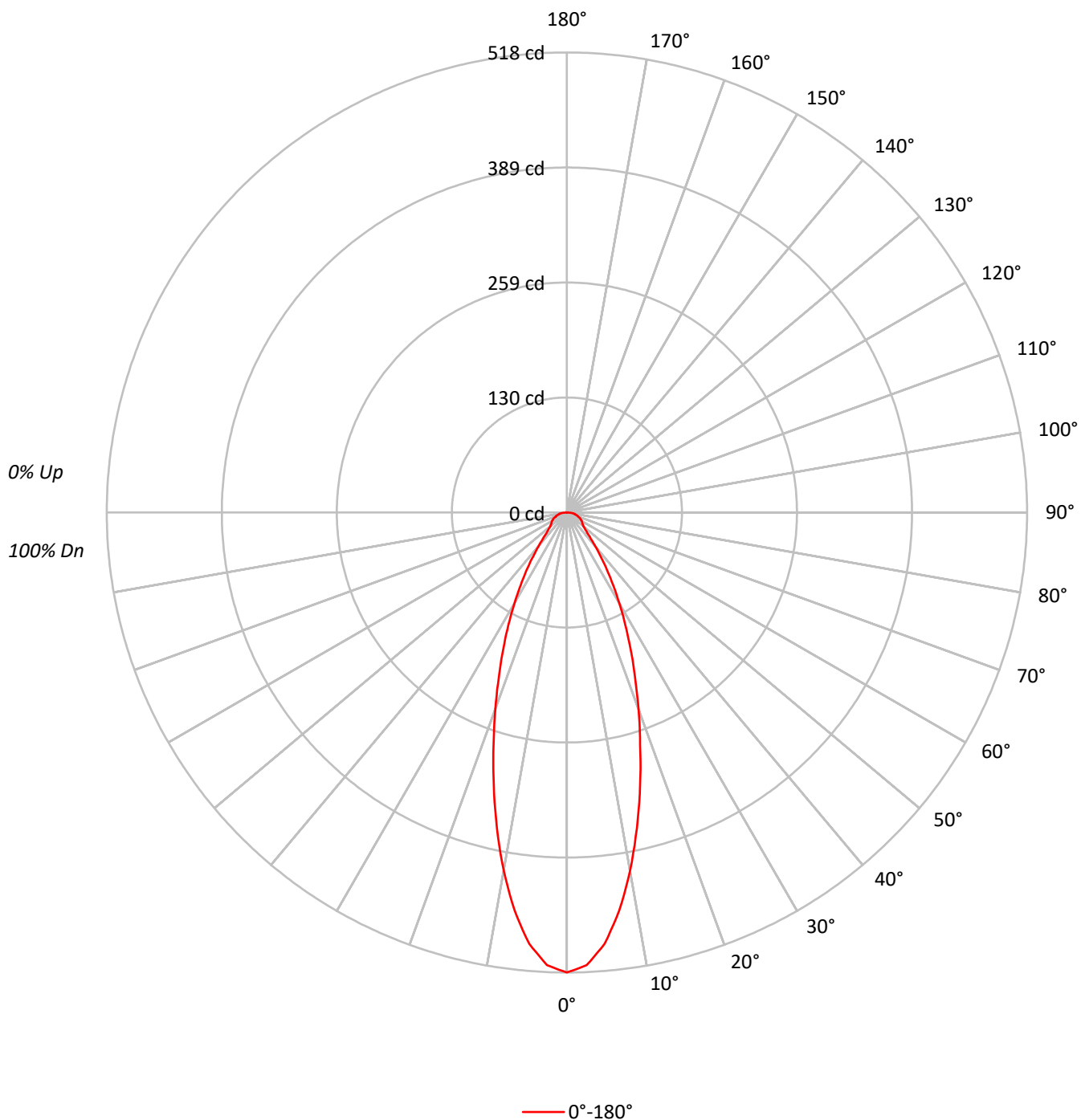
Lumens per Lamp: N/A
Luminaire Lumens: 338.0 lumens
Efficiency: N/A
Efficacy: 25.8 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	108	105	102	109	106	103	101	102	100	97		98	96	95		95	93	92	90
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88	85	83	81
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82	79	76	74
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77	73	70	68
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72	68	65	63
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68	64	61	59
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65	60	57	55
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61	57	53	52
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58	54	50	49
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56	51	48	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	113565
5°	107286
10°	91203
15°	72237
20°	54908
25°	40962
30°	29777
35°	21067
40°	14284
45°	9986
50°	8358
55°	8105
60°	8552
65°	8769
70°	8655
75°	9320
80°	10734
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 11424 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.0	13.0
10°-20°	88.1	26.1
20°-30°	78.0	23.1
30°-40°	49.7	14.7
40°-50°	26.3	7.8
50°-60°	19.3	5.7
60°-70°	16.4	4.9
70°-80°	11.6	3.4
80°-90°	4.6	1.4
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°	210.1	62.1
0°-40°	259.7	76.8
0°-60°	305.3	90.3
0°-90°	338.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	338.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	518	
5°	487	44
15°	318	88
25°	169	78
35°	79	50
45°	32	26
55°	21	19
65°	17	16
75°	11	12
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	517.9
2.5°	510.3
5°	487.4
7.5°	451.9
10°	409.6
12.5°	363.9
15°	318.2
17.5°	274.2
20°	235.3
22.5°	199.7
25°	169.3
27.5°	142.2
30°	117.6
32.5°	96.5
35°	78.7
37.5°	62.6
40°	49.9
42.5°	39.8
45°	32.2
47.5°	27.9
50°	24.5
52.5°	22.8
55°	21.2
57.5°	20.3
60°	19.5
62.5°	17.8
65°	16.9
67.5°	15.2
70°	13.5
72.5°	12.7
75°	11.0
77.5°	9.3
80°	8.5
82.5°	6.8
85°	4.2
87.5°	1.7
90°	0.0

(END OF REPORT)