

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: P1282903

Luminaire Tested: P3AS09R25B2750DE010 E3DL1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282903
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R25B2750DE010 E3DL1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

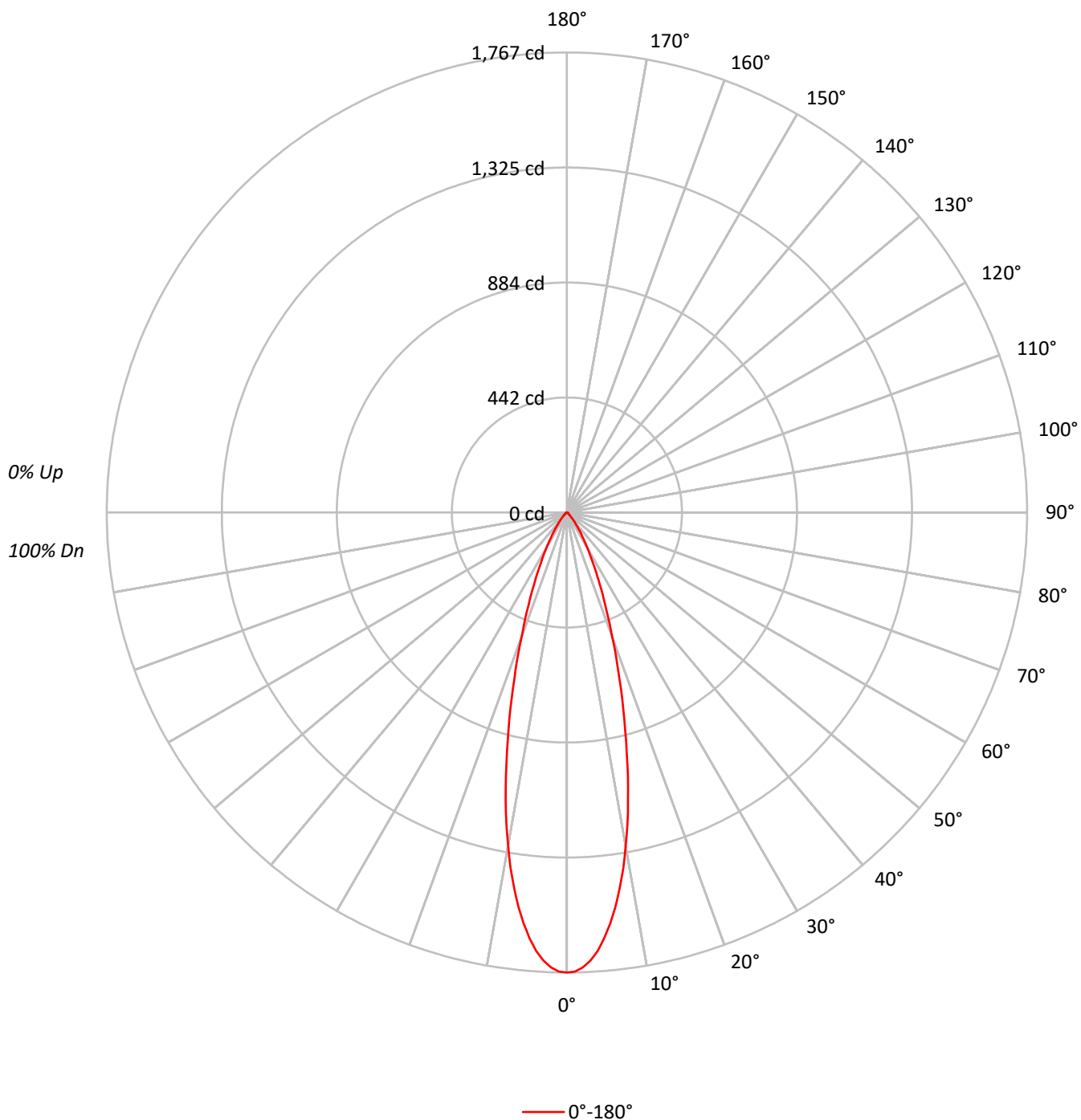
Lumens per Lamp: N/A
Luminaire Lumens: 604.0 lumens
Efficiency: N/A
Efficacy: 46.1 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95			
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90			
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86			
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82			
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78			
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75			
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72			
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69			
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66			
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	387447
5°	361478
10°	289574
15°	196551
20°	118940
25°	69560
30°	39601
35°	21790
40°	11565
45°	6078
50°	3548
55°	2638
60°	2281
65°	2387
70°	2244
75°	1949
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6078 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	145.7	24.1
10°-20°	238.0	39.4
20°-30°	136.0	22.5
30°-40°	53.7	8.9
40°-50°	16.5	2.7
50°-60°	6.5	1.1
60°-70°	4.3	0.7
70°-80°	2.4	0.4
80°-90°	0.8	0.1
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°	519.8	86.1
0°-40°	573.5	94.9
0°-60°	596.4	98.7
0°-90°	604.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	604.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1767	
5°	1642	146
15°	866	238
25°	288	136
35°	81	54
45°	20	16
55°	7	6
65°	5	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1766.9
1°	1763.4
2°	1749.0
3°	1723.6
4°	1688.4
5°	1642.2
6°	1587.9
7°	1526.8
8°	1455.8
9°	1383.0
10°	1300.5
11°	1219.1
12°	1129.6
13°	1041.3
14°	950.7
15°	865.8
17.5°	671.3
20°	509.7
22.5°	382.7
25°	287.5
27.5°	213.0
30°	156.4
32.5°	113.1
35°	81.4
37.5°	57.7
40°	40.4
42.5°	27.7
45°	19.6
47.5°	13.9
50°	10.4
52.5°	8.1
55°	6.9
57.5°	6.3
60°	5.2
62.5°	4.6
65°	4.6
67.5°	4.0
70°	3.5
72.5°	2.9
75°	2.3
77.5°	1.7
80°	1.2
82.5°	1.2
85°	0.6
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)