

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: P1282890

Luminaire Tested: P3AS09R25B2750DE010 E3DL1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282890
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 E3DL1GPH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 4000K CCT AND, 80CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

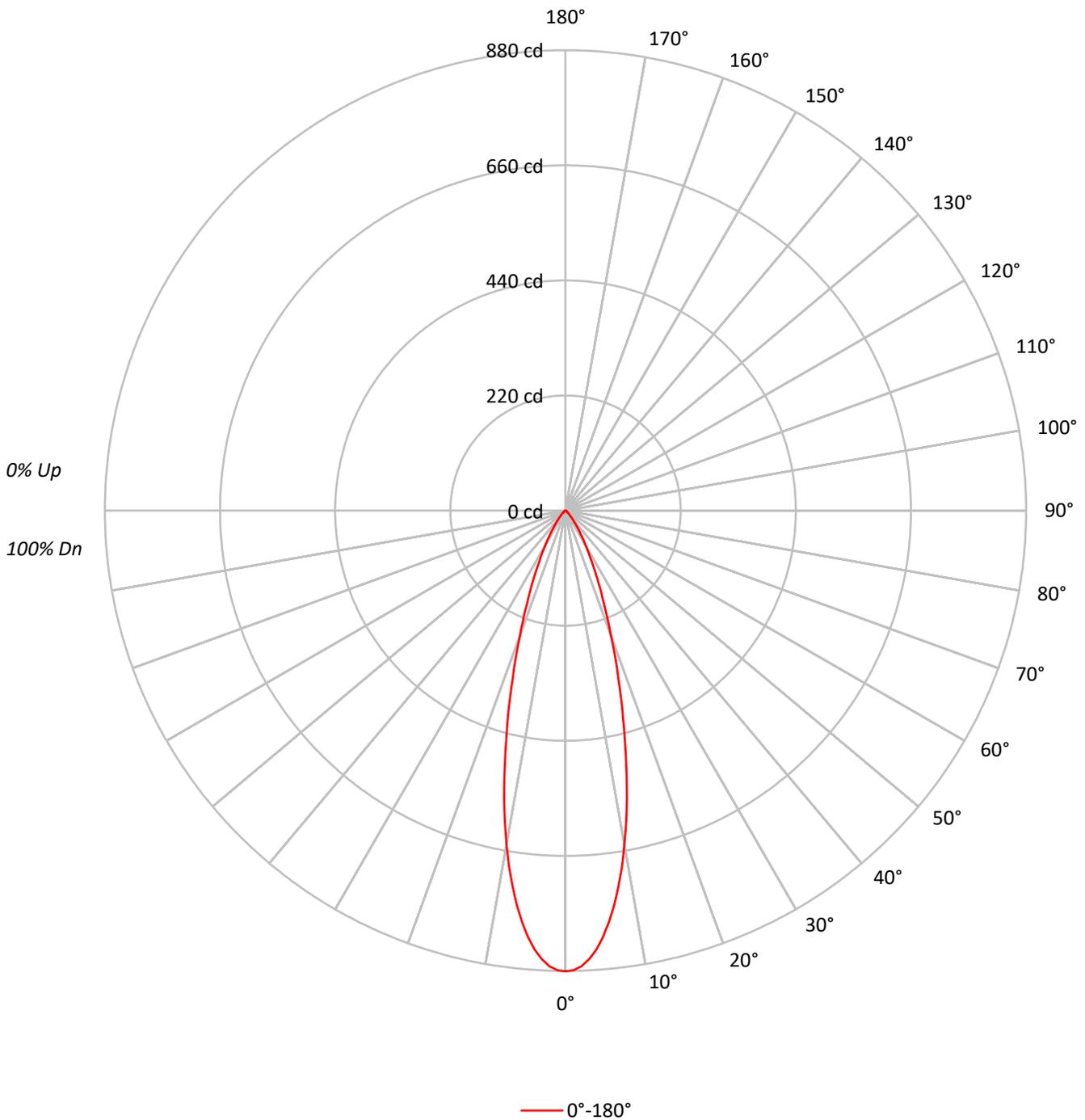
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 301.1 lumens
Efficiency: N/A
Efficacy: 23.0 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

TEST NUMBER: P1282890
CATALOG NUMBER: P3AS09R25B2750DE010 E3DL1GPH_4000K

Luminous Intensity Polar Plot





TEST NUMBER: P1282890

CATALOG NUMBER: P3AS09R25B2750DE010 E3DL1GPH_4000K

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	100	100	100	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	90	90	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	86	86	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	82	82	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	78	78	78
6	94	86	81	78	92	86	81	77	84	80	77	83	79	76	82	78	76	75	75	75	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	72	72	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	69	69	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	66	66	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	64	64	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	193077
5°	180145
10°	144308
15°	97957
20°	59272
25°	34671
30°	19750
35°	10868
40°	5754
45°	3039
50°	1774
55°	1338
60°	1140
65°	1193
70°	1090
75°	1017
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3039 cd/sqm



TEST NUMBER: P1282890

CATALOG NUMBER: P3AS09R25B2750DE010 E3DL1GPH_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.6	24.1
10°-20°	118.6	39.4
20°-30°	67.8	22.5
30°-40°	26.8	8.9
40°-50°	8.2	2.7
50°-60°	3.3	1.1
60°-70°	2.2	0.7
70°-80°	1.2	0.4
80°-90°	0.4	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°	259.0	86.0
0°-40°	285.8	94.9
0°-60°	297.3	98.7
0°-90°	301.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	301.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	880	
5°	818	73
15°	432	119
25°	143	68
35°	41	27
45°	10	8
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1282890
CATALOG NUMBER: P3AS09R25B2750DE010 E3DL1GPH_4000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	880.5
1°	878.8
2°	871.6
3°	858.9
4°	841.4
5°	818.4
6°	791.3
7°	760.9
8°	725.5
9°	689.2
10°	648.1
11°	607.5
12°	562.9
13°	518.9
14°	473.8
15°	431.5
17.5°	334.5
20°	254.0
22.5°	190.7
25°	143.3
27.5°	106.1
30°	78.0
32.5°	56.4
35°	40.6
37.5°	28.8
40°	20.1
42.5°	13.8
45°	9.8
47.5°	6.9
50°	5.2
52.5°	4.0
55°	3.5
57.5°	3.2
60°	2.6
62.5°	2.3
65°	2.3
67.5°	2.0
70°	1.7
72.5°	1.4
75°	1.2
77.5°	0.9
80°	0.6
82.5°	0.6
85°	0.3
87.5°	0.3



TEST NUMBER: P1282890
CATALOG NUMBER: P3AS09R25B2750DE010 E3DL1GPH_4000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)