

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: P1282887

Luminaire Tested: P3AS09R25B2750DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282887
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_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

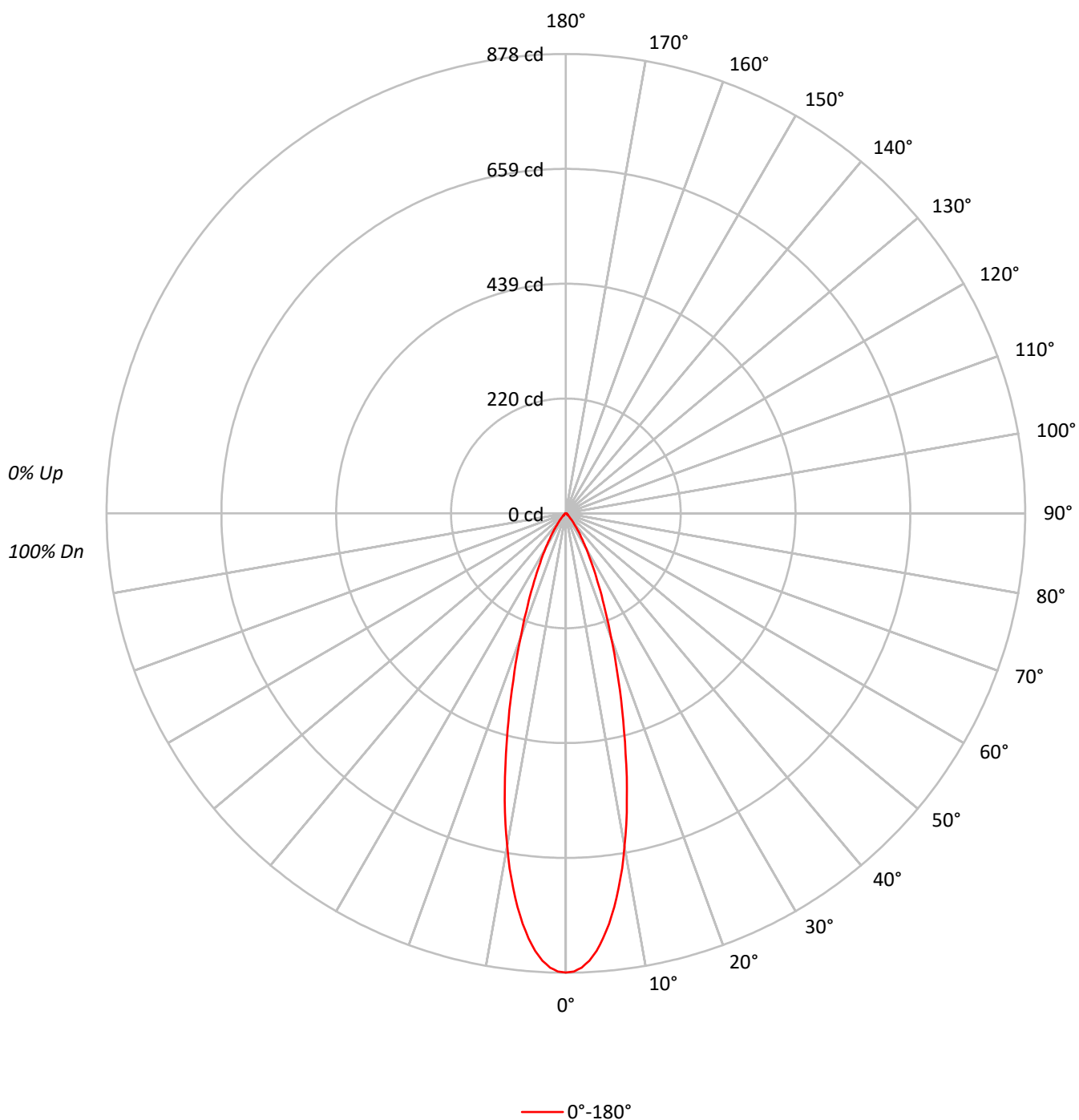
Lumens per Lamp: N/A
Luminaire Lumens: 300.0 lumens
Efficiency: N/A
Efficacy: 22.9 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			
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°	192441
5°	179550
10°	143818
15°	97640
20°	59085
25°	34550
30°	19674
35°	10815
40°	5754
45°	3008
50°	1774
55°	1300
60°	1140
65°	1193
70°	1090
75°	932
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3008 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.4	24.1
10°-20°	118.2	39.4
20°-30°	67.6	22.5
30°-40°	26.7	8.9
40°-50°	8.2	2.7
50°-60°	3.2	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°	258.2	86.1
0°-40°	284.8	94.9
0°-60°	296.3	98.7
0°-90°	300.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	300.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	878	
5°	816	72
15°	430	118
25°	143	68
35°	40	27
45°	10	8
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	877.6
1°	875.9
2°	868.7
3°	856.1
4°	838.6
5°	815.7
6°	788.7
7°	758.3
8°	723.1
9°	686.9
10°	645.9
11°	605.5
12°	561.1
13°	517.2
14°	472.2
15°	430.1
17.5°	333.4
20°	253.2
22.5°	190.1
25°	142.8
27.5°	105.8
30°	77.7
32.5°	56.2
35°	40.4
37.5°	28.7
40°	20.1
42.5°	13.8
45°	9.7
47.5°	6.9
50°	5.2
52.5°	4.0
55°	3.4
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°	1.1
77.5°	0.9
80°	0.6
82.5°	0.6
85°	0.3
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)