

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: P1282886

Luminaire Tested: P3AS09R25B2750DE010 E3D1WMH_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282886
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R25B2750DE010 E3D1WMH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 80CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

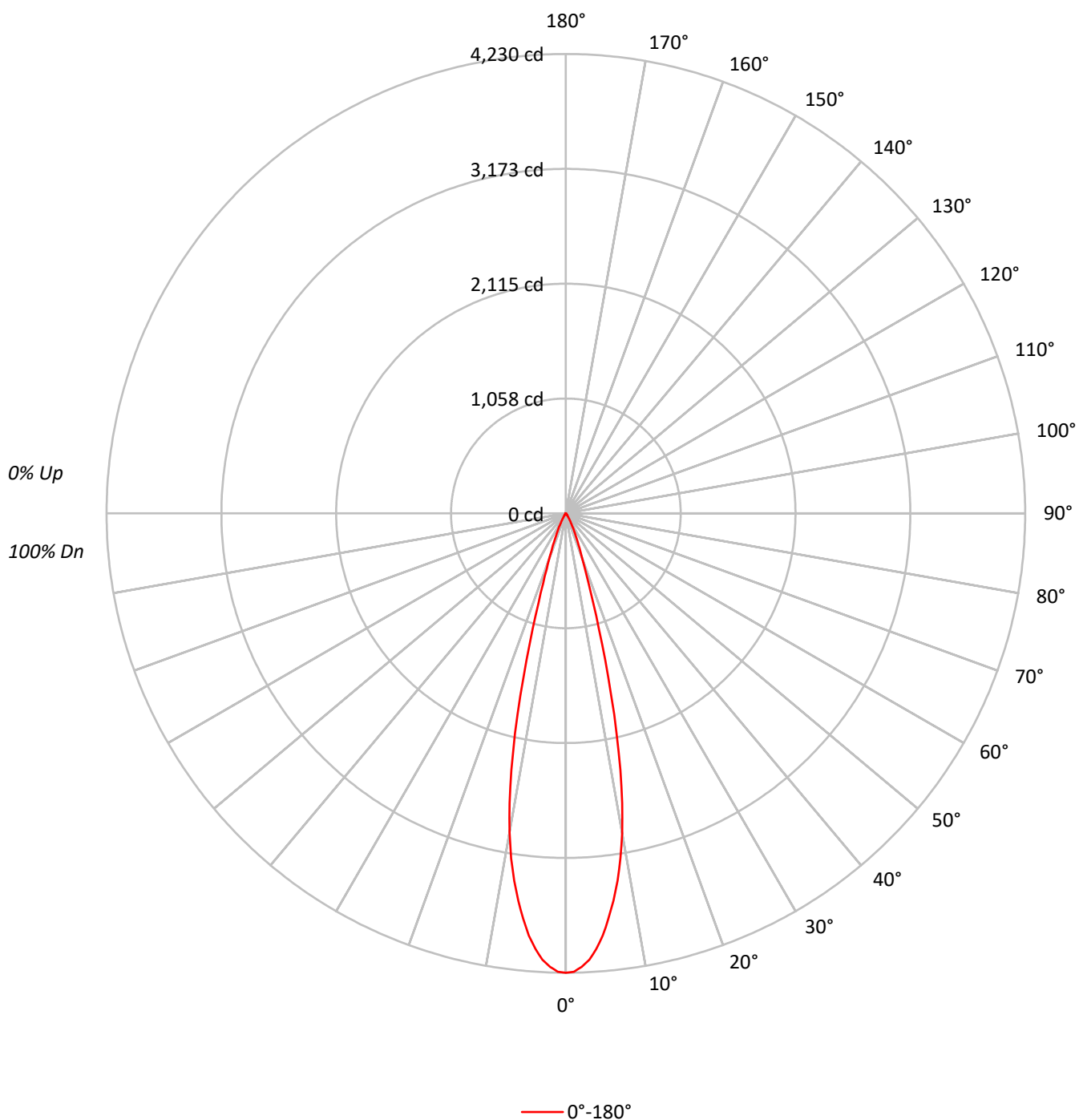
Lumens per Lamp: N/A
Luminaire Lumens: 847.0 lumens
Efficiency: N/A
Efficacy: 64.7 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1282886

CATALOG NUMBER: P3AS09R25B2750DE010 E3D1WMH_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1282886

CATALOG NUMBER: P3AS09R25B2750DE010 E3D1WMH_5000K

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	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	99	99	97		
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94		
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92		
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90	89		
5	103	97	93	91	101	96	93	90	95	92	90	93	91	89	92	90	88	87		
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86	85		
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84	83		
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81		
9	93	87	83	81	92	86	83	80	86	83	80	85	82	80	84	82	80	79		
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78	77		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	927623
5°	859320
10°	664851
15°	317550
20°	104706
25°	44132
30°	17117
35°	7388
40°	2462
45°	1147
50°	409
55°	229
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1147 cd/sqm

TEST NUMBER: P1282886

CATALOG NUMBER: P3AS09R25B2750DE010 E3D1WMH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	343.1	40.5
10°-20°	390.3	46.1
20°-30°	90.7	10.7
30°-40°	19.0	2.2
40°-50°	3.1	0.4
50°-60°	0.5	0.1
60°-70°	0.3	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	824.1	97.3
0°-40°	843.2	99.5
0°-60°	846.7	100.0
0°-90°	847.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	847.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4230	
5°	3904	343
15°	1399	390
25°	182	91
35°	28	19
45°	4	3
55°	1	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1282886

CATALOG NUMBER: P3AS09R25B2750DE010 E3D1WMH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	4230.3
1°	4221.7
2°	4177.8
3°	4116.1
4°	4021.8
5°	3903.9
6°	3752.5
7°	3594.0
8°	3416.2
9°	3215.6
10°	2985.9
11°	2719.7
12°	2414.1
13°	2079.4
14°	1729.3
15°	1398.8
16°	1106.5
17°	862.0
18°	678.1
19°	542.3
20°	448.7
21°	375.0
22°	314.8
23°	262.9
24°	219.9
25°	182.4
27.5°	108.1
30°	67.6
32.5°	43.3
35°	27.6
37.5°	16.6
40°	8.6
42.5°	5.5
45°	3.7
47.5°	2.1
50°	1.2
52.5°	0.6
55°	0.6
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.0
72.5°	0.0



TEST NUMBER: P1282886

CATALOG NUMBER: P3AS09R25B2750DE010 E3D1WMH_5000K

CANDELA DISTRIBUTION (continued):

	0°
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)