

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: P1282940

Luminaire Tested: P3AS09R25B2750DE010 E3DLD1WH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282940
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R25B2750DE010 E3DLD1WH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 4000K CCT AND, 80CRI , E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

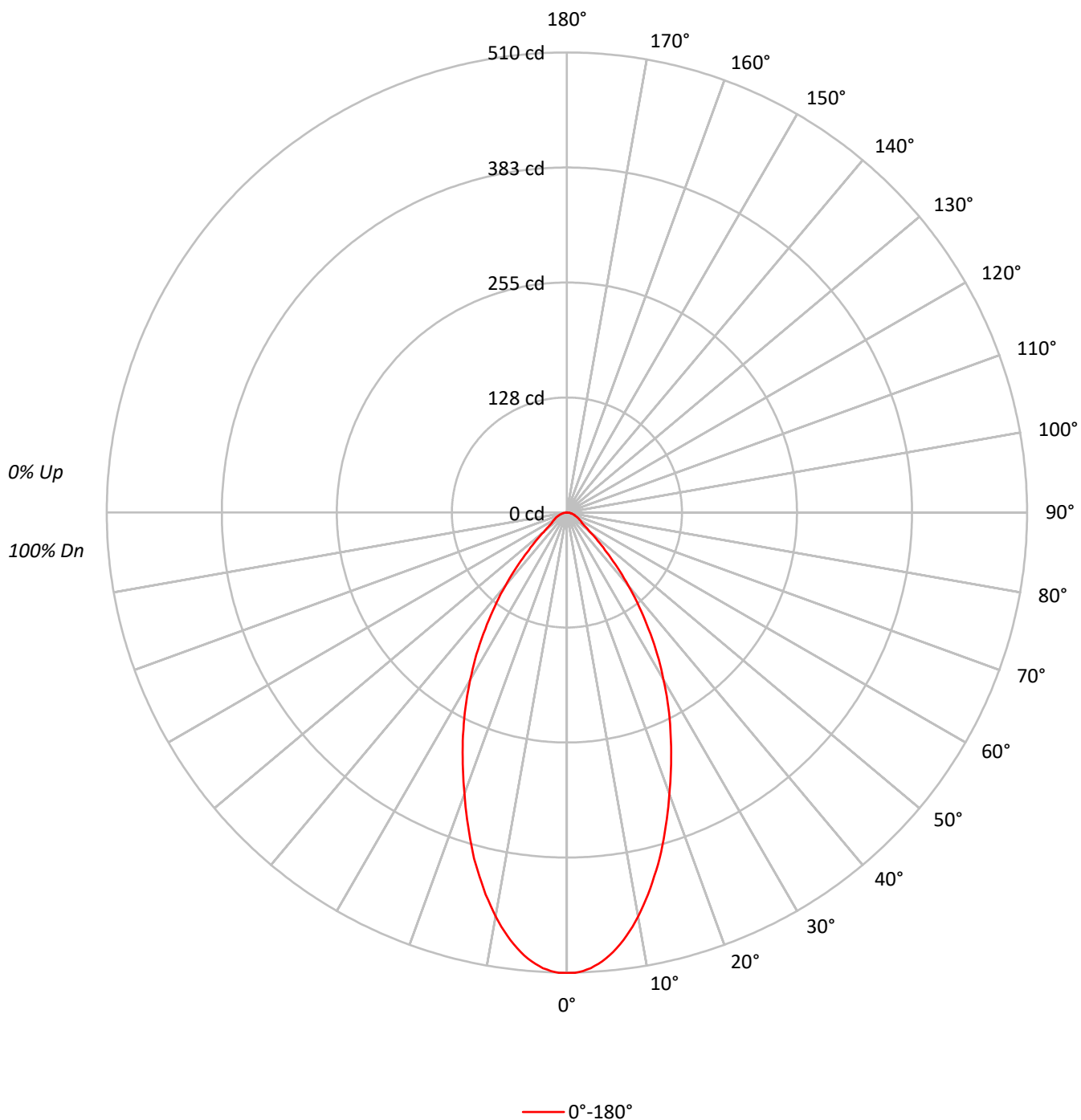
Lumens per Lamp: N/A
Luminaire Lumens: 471.0 lumens
Efficiency: N/A
Efficacy: 36.0 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1282940

CATALOG NUMBER: P3AS09R25B2750DE010 E3DLD1WH_4000K

Luminous Intensity Polar Plot



TEST NUMBER: P1282940

CATALOG NUMBER: P3AS09R25B2750DE010 E3DLD1WH_4000K

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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70		
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48		
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	111943
5°	109267
10°	101245
15°	90171
20°	77497
25°	65883
30°	54236
35°	42242
40°	30400
45°	19289
50°	11394
55°	7837
60°	7192
65°	6693
70°	6027
75°	5507
80°	5177
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 19289 cd/sqm

TEST NUMBER: P1282940

CATALOG NUMBER: P3AS09R25B2750DE010 E3DLD1WH_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.0	9.8
10°-20°	110.3	23.4
20°-30°	124.6	26.5
30°-40°	98.5	20.9
40°-50°	49.8	10.6
50°-60°	19.9	4.2
60°-70°	12.8	2.7
70°-80°	7.1	1.5
80°-90°	2.0	0.4
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°	280.9	59.6
0°-40°	379.5	80.6
0°-60°	449.2	95.4
0°-90°	471.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	471.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	510	
5°	496	46
15°	397	110
25°	272	125
35°	158	99
45°	62	50
55°	20	20
65°	13	13
75°	6	7
85°	2	2
90°	0	

TEST NUMBER: P1282940

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CANDELA DISTRIBUTION (FULL):

0°	
0°	510.5
1°	510.5
2°	508.7
3°	505.8
4°	501.7
5°	496.4
6°	490.0
7°	482.3
8°	474.1
9°	464.7
10°	454.7
11°	443.6
12°	433.0
13°	420.7
14°	409.0
15°	397.2
17.5°	364.4
20°	332.1
22.5°	301.6
25°	272.3
27.5°	243.5
30°	214.2
32.5°	186.6
35°	157.8
37.5°	131.4
40°	106.2
42.5°	82.7
45°	62.2
47.5°	46.4
50°	33.4
52.5°	25.2
55°	20.5
57.5°	18.8
60°	16.4
62.5°	14.7
65°	12.9
67.5°	11.1
70°	9.4
72.5°	8.2
75°	6.5
77.5°	5.3
80°	4.1
82.5°	2.9
85°	1.8
87.5°	0.6



TEST NUMBER: P1282940

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)