

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: P1282932

Luminaire Tested: P3AS09R25B2750DE010 E3DLD1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282932
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 E3DLD1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

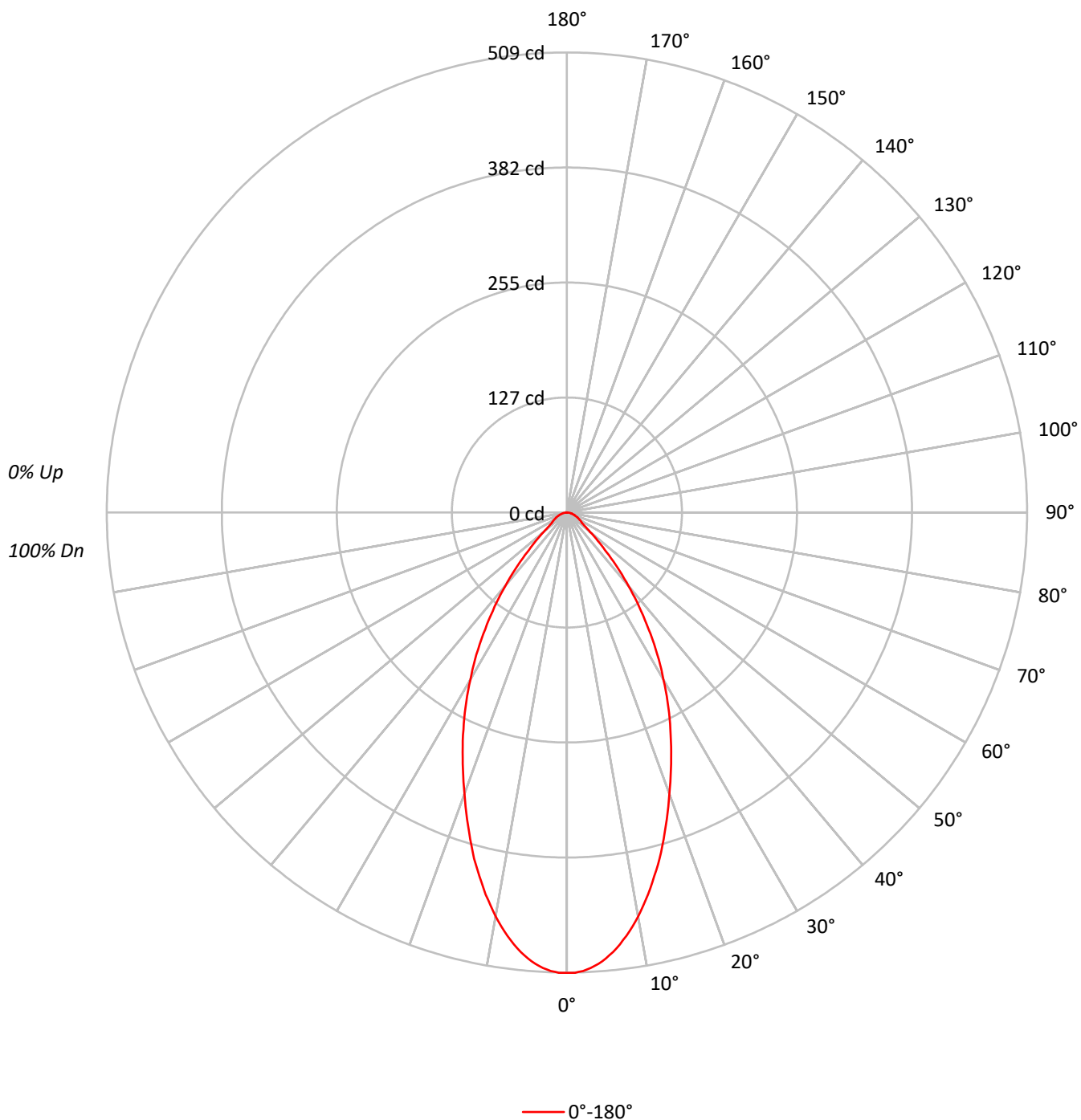
Lumens per Lamp: N/A
Luminaire Lumens: 470.0 lumens
Efficiency: N/A
Efficacy: 35.9 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	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°	111702
5°	109047
10°	101045
15°	89989
20°	77333
25°	65738
30°	54110
35°	42162
40°	30343
45°	19258
50°	11394
55°	7837
60°	7192
65°	6693
70°	6027
75°	5422
80°	5177
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 19258 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.9	9.8
10°-20°	110.0	23.4
20°-30°	124.3	26.5
30°-40°	98.4	20.9
40°-50°	49.7	10.6
50°-60°	19.9	4.2
60°-70°	12.7	2.7
70°-80°	7.0	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°	280.3	59.6
0°-40°	378.7	80.6
0°-60°	448.3	95.4
0°-90°	470.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	470.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	509	
5°	495	46
15°	396	110
25°	272	124
35°	158	98
45°	62	50
55°	20	20
65°	13	13
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	509.4
1°	509.4
2°	507.6
3°	504.7
4°	500.6
5°	495.4
6°	488.9
7°	481.3
8°	473.1
9°	463.7
10°	453.8
11°	442.7
12°	432.1
13°	419.8
14°	408.1
15°	396.4
17.5°	363.6
20°	331.4
22.5°	301.0
25°	271.7
27.5°	243.0
30°	213.7
32.5°	186.2
35°	157.5
37.5°	131.2
40°	106.0
42.5°	82.6
45°	62.1
47.5°	46.3
50°	33.4
52.5°	25.2
55°	20.5
57.5°	18.7
60°	16.4
62.5°	14.6
65°	12.9
67.5°	11.1
70°	9.4
72.5°	8.2
75°	6.4
77.5°	5.3
80°	4.1
82.5°	2.9
85°	1.8
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)