

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: P1283818

Luminaire Tested: P3AS09R55B2750DE010 E3DLD1WMH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283818
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R55B2750DE010 E3DLD1WMH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

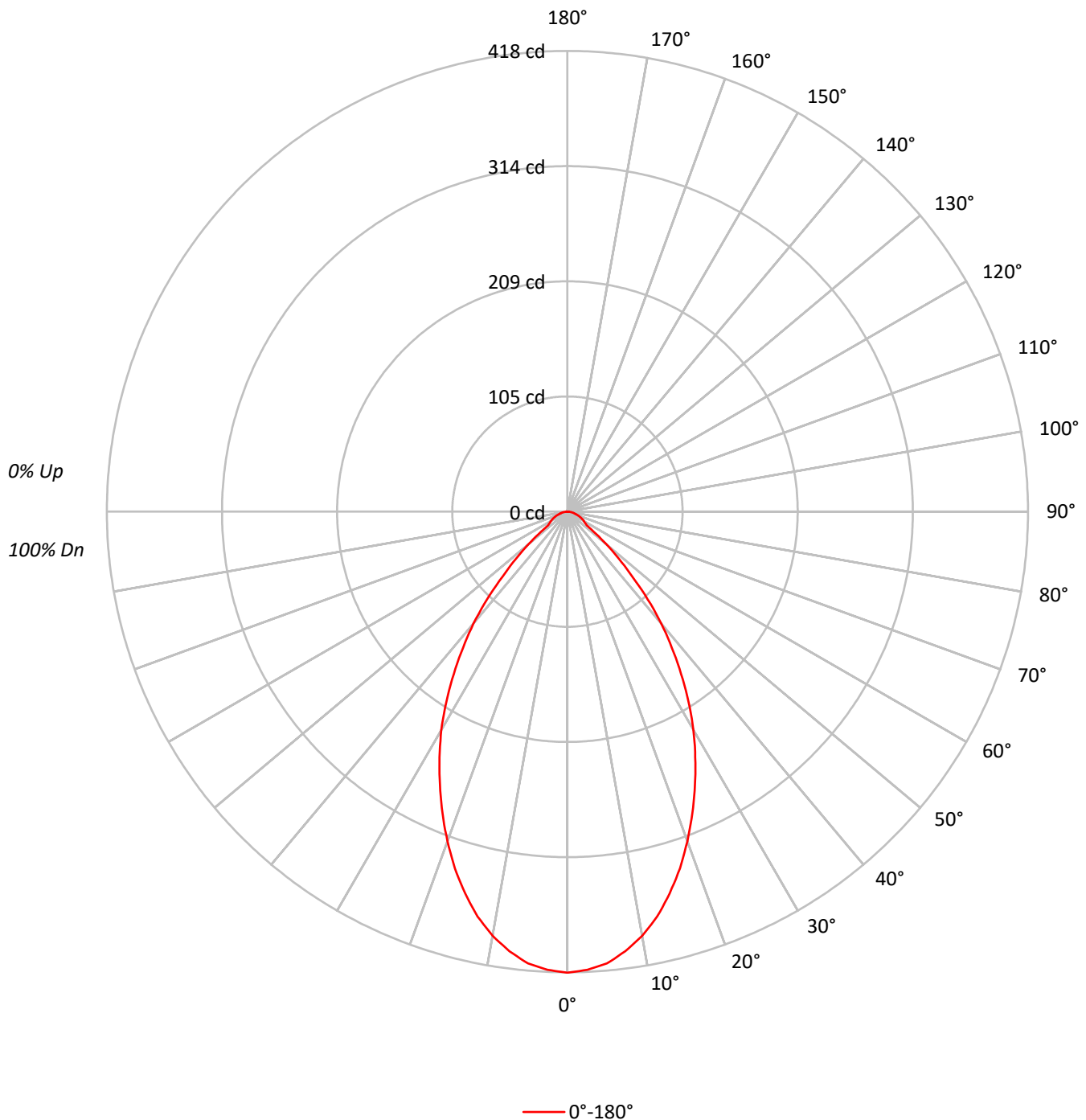
Lumens per Lamp: N/A
Luminaire Lumens: 488.0 lumens
Efficiency: N/A
Efficacy: 37.3 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				20				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0				0				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	103	110	107	104	102	103	100	98	99	97	95	95	94	93	91											
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82											
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74											
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68											
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62											
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57											
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52											
8	73	62	55	51	72	62	55	51	60	55	50	59	54	50	58	53	50	48											
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45											
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42											

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	91747
5°	90579
10°	87017
15°	81385
20°	74253
25°	66246
30°	57933
35°	48131
40°	37957
45°	25739
50°	15727
55°	8143
60°	7587
65°	7160
70°	6668
75°	5846
80°	5809
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 25739 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.6	7.9
10°-20°	100.2	20.5
20°-30°	125.5	25.7
30°-40°	112.0	22.9
40°-50°	65.6	13.4
50°-60°	22.7	4.6
60°-70°	13.7	2.8
70°-80°	7.6	1.6
80°-90°	2.2	0.5
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°	264.3	54.2
0°-40°	376.3	77.1
0°-60°	464.5	95.2
0°-90°	488.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	488.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	418	
5°	412	39
15°	358	100
25°	274	125
35°	180	112
45°	83	66
55°	21	23
65°	14	14
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	418.4
2.5°	416.1
5°	411.5
7.5°	402.3
10°	390.8
12.5°	376.4
15°	358.5
17.5°	339.5
20°	318.2
22.5°	296.3
25°	273.8
27.5°	251.3
30°	228.8
32.5°	204.6
35°	179.8
37.5°	155.6
40°	132.6
42.5°	107.8
45°	83.0
47.5°	63.4
50°	46.1
52.5°	30.0
55°	21.3
57.5°	19.0
60°	17.3
62.5°	15.6
65°	13.8
67.5°	12.1
70°	10.4
72.5°	8.6
75°	6.9
77.5°	5.8
80°	4.6
82.5°	2.9
85°	1.7
87.5°	1.2
90°	0.0

(END OF REPORT)