

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: P1281933

Luminaire Tested: P3AS05R50B2750DE010 E3DLD1LI_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281933
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R50B2750DE010 E3DLD1LI_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

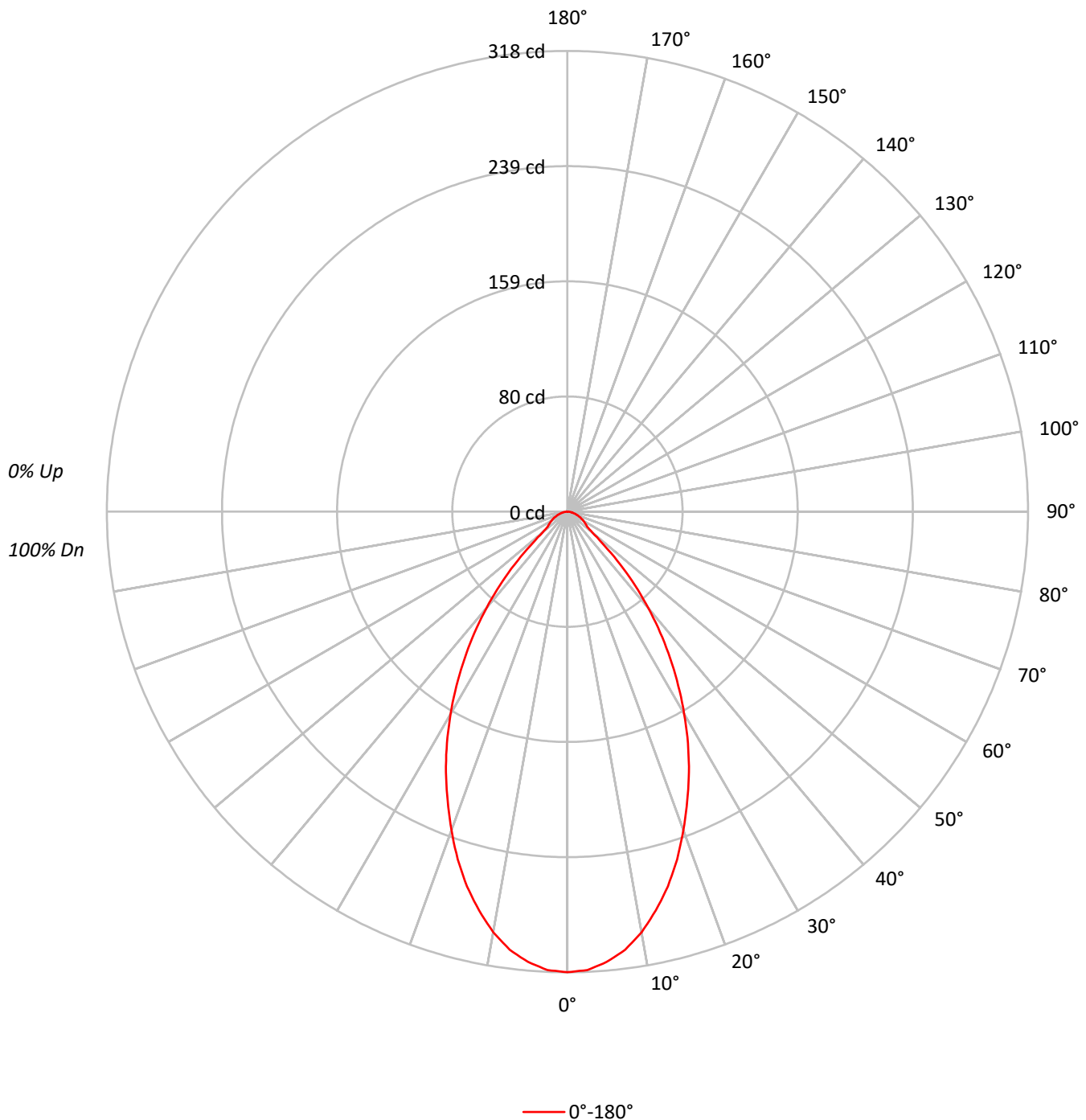
Lumens per Lamp: N/A
Luminaire Lumens: 343.0 lumens
Efficiency: N/A
Efficacy: 58.1 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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	112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91		
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	83		
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75		
4	93	85	78	73	91	83	77	73	81	76	72	79	75	71	77	73	70	69		
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	64	63		
6	83	73	66	61	81	72	65	61	70	65	60	69	64	60	67	63	59	58		
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	59	55	53		
8	74	63	57	52	73	63	56	52	61	56	52	60	55	51	59	55	51	50		
9	70	59	53	48	69	59	52	48	58	52	48	57	52	48	56	51	48	46		
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	45	43		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	69709
5°	68677
10°	65641
15°	60795
20°	54628
25°	48027
30°	40842
35°	33114
40°	24875
45°	16033
50°	7607
55°	6002
60°	5657
65°	5292
70°	4744
75°	4321
80°	3915
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16033 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.2	8.5
10°-20°	74.7	21.8
20°-30°	90.7	26.4
30°-40°	76.9	22.4
40°-50°	40.0	11.6
50°-60°	14.4	4.2
60°-70°	10.0	2.9
70°-80°	5.4	1.6
80°-90°	1.7	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°	194.6	56.7
0°-40°	271.5	79.2
0°-60°	325.9	95.0
0°-90°	343.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	343.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	318	
5°	312	29
15°	268	75
25°	198	91
35°	124	77
45°	52	40
55°	16	14
65°	10	10
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	317.9
2.5°	316.7
5°	312.0
7.5°	305.0
10°	294.8
12.5°	281.9
15°	267.8
17.5°	251.7
20°	234.1
22.5°	216.1
25°	198.5
27.5°	180.1
30°	161.3
32.5°	142.5
35°	123.7
37.5°	105.3
40°	86.9
42.5°	69.3
45°	51.7
47.5°	34.4
50°	22.3
52.5°	17.2
55°	15.7
57.5°	14.1
60°	12.9
62.5°	11.4
65°	10.2
67.5°	8.6
70°	7.4
72.5°	6.3
75°	5.1
77.5°	3.9
80°	3.1
82.5°	2.3
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)