

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: P1281926

Luminaire Tested: P3AS05R50B2750DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281926
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 E3DLD1GPH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R50 optic, 5000K CCT AND, 80CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

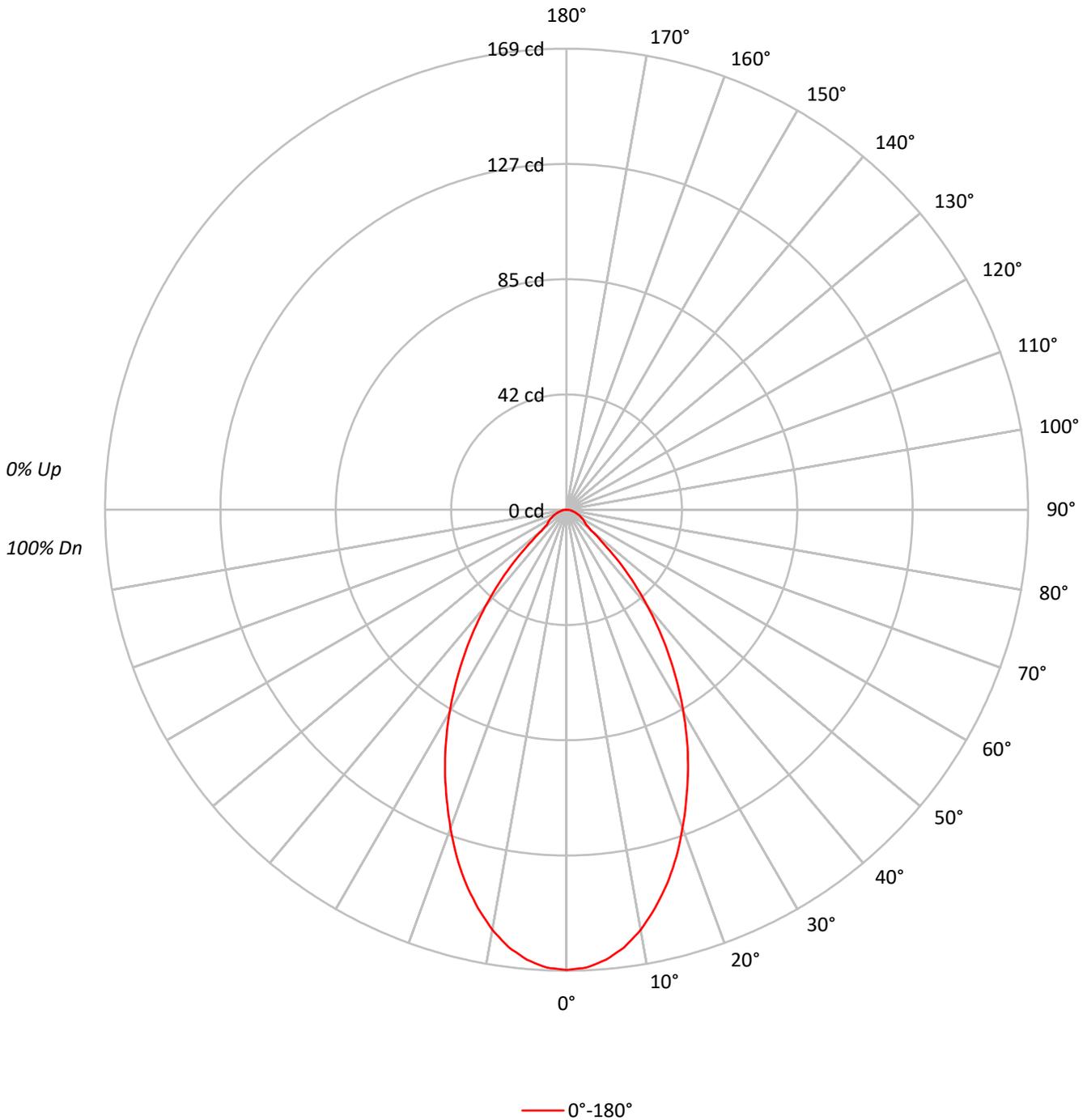
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 182.0 lumens
Efficiency: N/A
Efficacy: 30.8 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		0	
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	103	110	107	104	102	103	101	99	99	97	96	96	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°	36993
5°	36452
10°	34825
15°	32259
20°	28983
25°	25477
30°	21674
35°	17561
40°	13196
45°	8497
50°	4025
55°	3173
60°	3026
65°	2802
70°	2500
75°	2288
80°	2147
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8497 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.5	8.5
10°-20°	39.6	21.8
20°-30°	48.1	26.5
30°-40°	40.8	22.4
40°-50°	21.2	11.7
50°-60°	7.6	4.2
60°-70°	5.3	2.9
70°-80°	2.9	1.6
80°-90°	0.9	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°	103.3	56.7
0°-40°	144.1	79.2
0°-60°	172.9	95.0
0°-90°	182.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	182.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	169	
5°	166	16
15°	142	40
25°	105	48
35°	66	41
45°	27	21
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	168.7
2.5°	168.0
5°	165.6
7.5°	161.8
10°	156.4
12.5°	149.6
15°	142.1
17.5°	133.6
20°	124.2
22.5°	114.7
25°	105.3
27.5°	95.6
30°	85.6
32.5°	75.6
35°	65.6
37.5°	55.9
40°	46.1
42.5°	36.8
45°	27.4
47.5°	18.3
50°	11.8
52.5°	9.1
55°	8.3
57.5°	7.5
60°	6.9
62.5°	6.0
65°	5.4
67.5°	4.6
70°	3.9
72.5°	3.3
75°	2.7
77.5°	2.1
80°	1.7
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)