

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: P1282500

Luminaire Tested: P3AS05R70B2750DE010 E3DL1WMH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282500
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R70B2750DE010 E3DL1WMH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 4000K CCT AND, 80CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

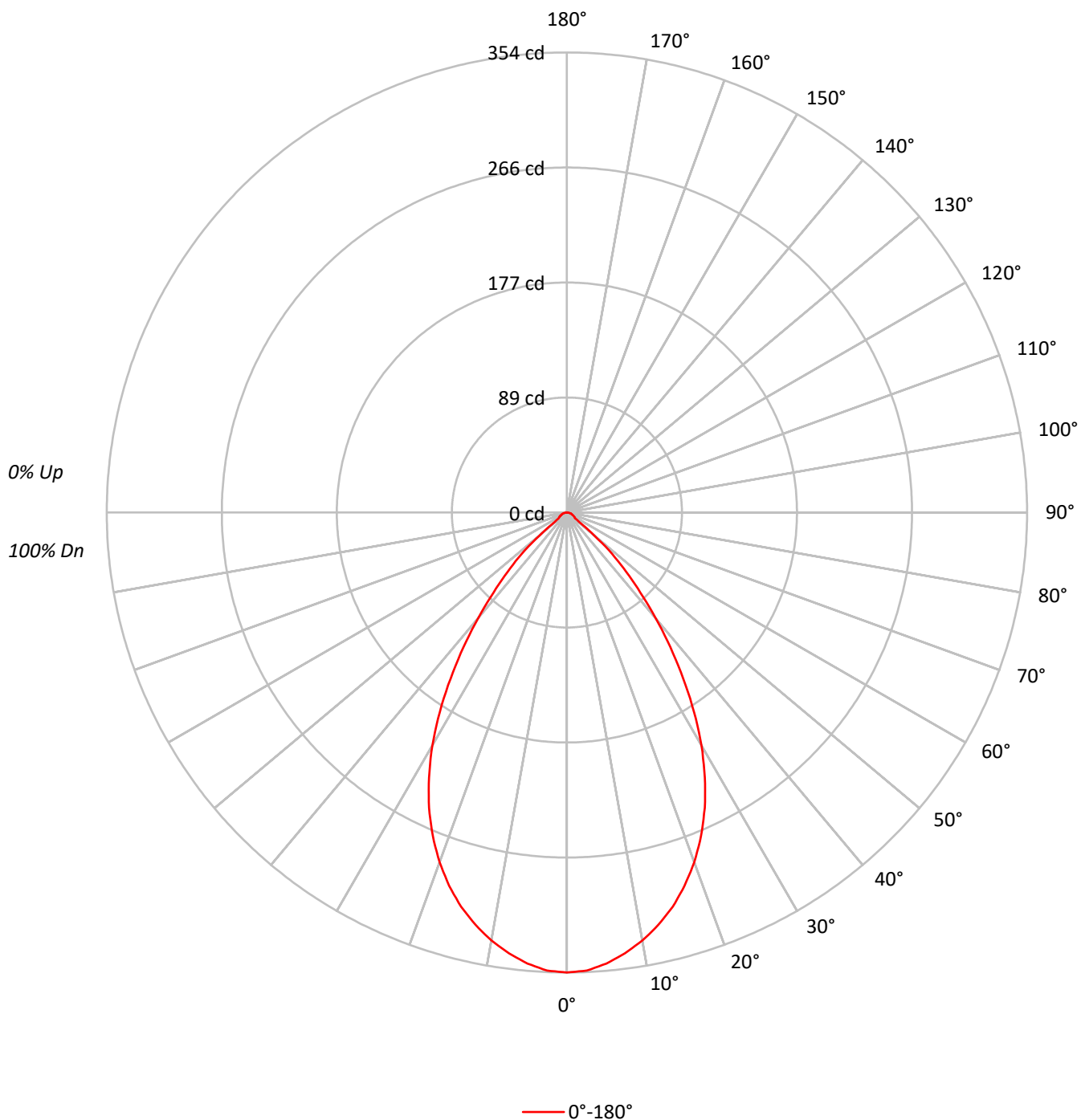
Lumens per Lamp: N/A
Luminaire Lumens: 401.1 lumens
Efficiency: N/A
Efficacy: 68.0 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92		
2	106	101	96	93	104	99	95	92	96	92	90	93	90	88	90	88	86	84		
3	100	93	88	83	98	92	87	82	89	85	81	86	83	80	84	81	79	77		
4	94	86	80	75	93	85	79	75	83	78	74	81	76	73	79	75	72	70		
5	89	80	73	69	87	79	73	68	77	72	68	75	71	67	74	70	66	65		
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	53	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48		
10	67	57	50	46	66	56	50	46	55	50	46	55	49	46	54	49	46	44		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	77625
5°	76689
10°	74481
15°	71328
20°	66809
25°	60705
30°	52438
35°	41787
40°	30428
45°	20002
50°	9381
55°	2906
60°	2807
65°	2698
70°	2565
75°	2711
80°	2526
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20002 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.8	8.2
10°-20°	87.9	21.9
20°-30°	114.3	28.5
30°-40°	97.0	24.2
40°-50°	50.0	12.5
50°-60°	9.6	2.4
60°-70°	5.2	1.3
70°-80°	3.2	0.8
80°-90°	0.9	0.2
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°	235.0	58.6
0°-40°	332.0	82.8
0°-60°	391.7	97.7
0°-90°	401.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	401.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	354	
5°	348	33
15°	314	88
25°	251	114
35°	156	97
45°	64	50
55°	8	10
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	354.0
2.5°	352.8
5°	348.4
7.5°	342.1
10°	334.5
12.5°	325.0
15°	314.2
17.5°	301.1
20°	286.3
22.5°	269.6
25°	250.9
27.5°	229.8
30°	207.1
32.5°	182.0
35°	156.1
37.5°	130.6
40°	106.3
42.5°	83.6
45°	64.5
47.5°	47.4
50°	27.5
52.5°	11.9
55°	7.6
57.5°	7.2
60°	6.4
62.5°	6.0
65°	5.2
67.5°	4.8
70°	4.0
72.5°	3.6
75°	3.2
77.5°	2.4
80°	2.0
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)