

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: P1285888

Luminaire Tested: P3AS13R70B2750DE010 E3CD1MMS_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285888
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-48)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R70B2750DE010 E3CD1MMS_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3CD1MMS TRIM
Light Source: -
Ballast/Driver: -

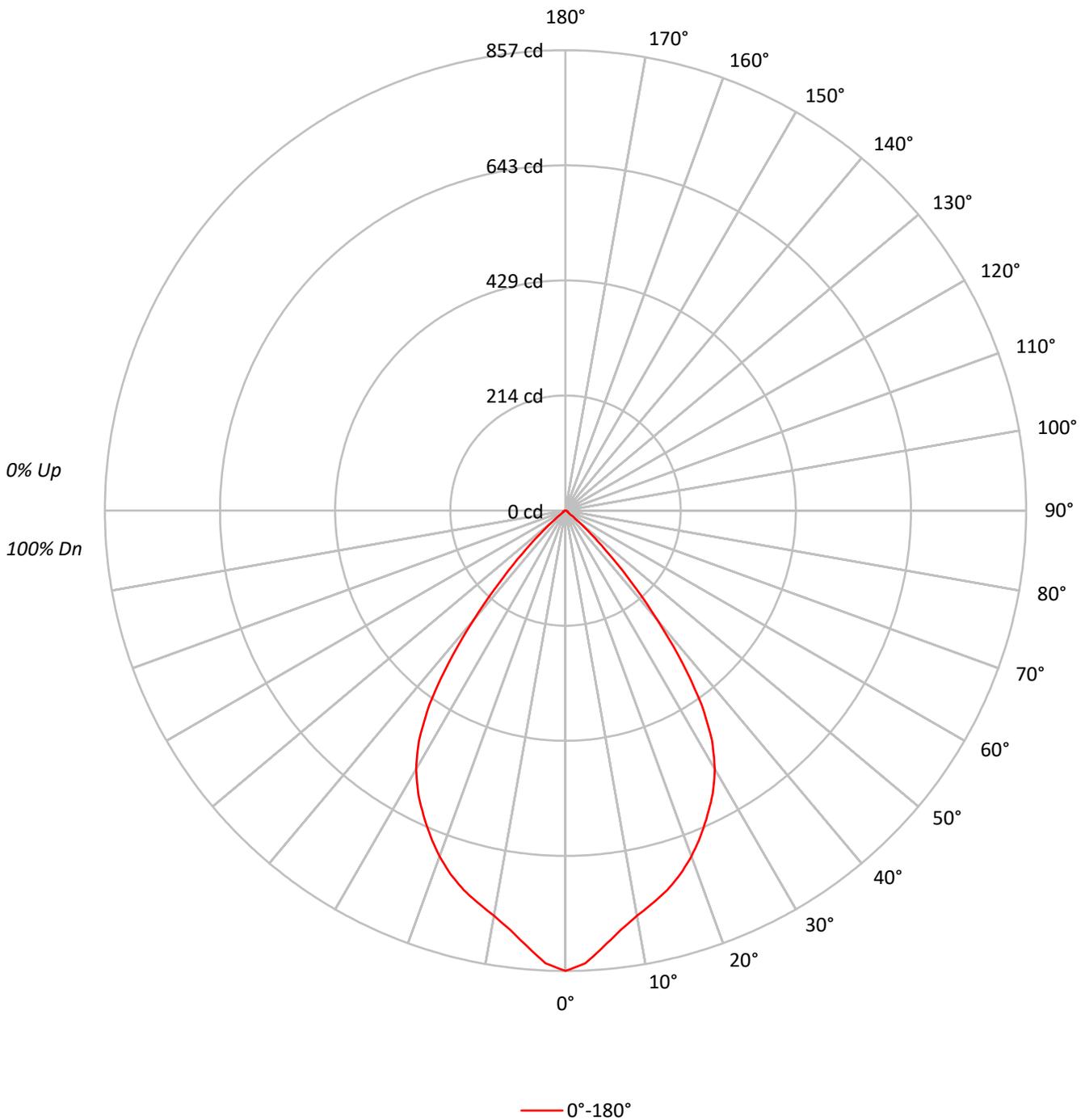
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 946.0 lumens
Efficiency: N/A
Efficacy: 49.5 lumens/watt
Spacing Criteria (0/90/45): 1.01 / 1.01 / 1.03
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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
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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93	93	93	93
2	107	102	97	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85	85	85	85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	82	80	78	78	78	78
4	95	87	81	77	94	86	81	76	84	79	75	82	78	75	80	77	74	72	72	72	72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66	66	66	66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61	61	61	61
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57	57	57	57
8	76	66	59	55	75	65	59	55	64	58	55	63	58	54	62	57	54	53	53	53	53
9	72	62	55	51	71	61	55	51	60	55	51	59	54	50	58	54	50	49	49	49	49
10	68	58	52	47	67	57	51	47	56	51	47	56	51	47	55	50	47	46	46	46	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	187858
5°	179242
10°	170538
15°	165994
20°	159847
25°	151291
30°	140705
35°	118213
40°	76171
45°	35415
50°	9279
55°	2294
60°	2324
65°	1972
70°	1923
75°	1949
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 35415 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.2	8.1
10°-20°	205.4	21.7
20°-30°	287.0	30.3
30°-40°	266.1	28.1
40°-50°	95.4	10.1
50°-60°	8.1	0.9
60°-70°	4.0	0.4
70°-80°	2.6	0.3
80°-90°	1.0	0.1
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°	568.7	60.1
0°-40°	834.8	88.2
0°-60°	938.3	99.2
0°-90°	946.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	946.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	857	
5°	814	76
15°	731	205
25°	625	287
35°	442	266
45°	114	95
55°	6	8
65°	4	4
75°	2	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	856.7
2.5°	843.8
5°	814.3
7.5°	787.1
10°	765.9
12.5°	748.5
15°	731.2
17.5°	710.0
20°	685.0
22.5°	656.3
25°	625.3
27.5°	593.5
30°	555.7
32.5°	507.3
35°	441.6
37.5°	357.6
40°	266.1
42.5°	181.5
45°	114.2
47.5°	63.5
50°	27.2
52.5°	9.1
55°	6.0
57.5°	5.3
60°	5.3
62.5°	4.5
65°	3.8
67.5°	3.8
70°	3.0
72.5°	3.0
75°	2.3
77.5°	2.3
80°	1.5
82.5°	1.5
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)