

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: P1283301

Luminaire Tested: P3AS09R40B2750DE010 E3CB1MMS_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283301
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R40B2750DE010 E3CB1MMS_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 5000K CCT AND, 80CRI , E3CB1MMS TRIM
Light Source: -
Ballast/Driver: -

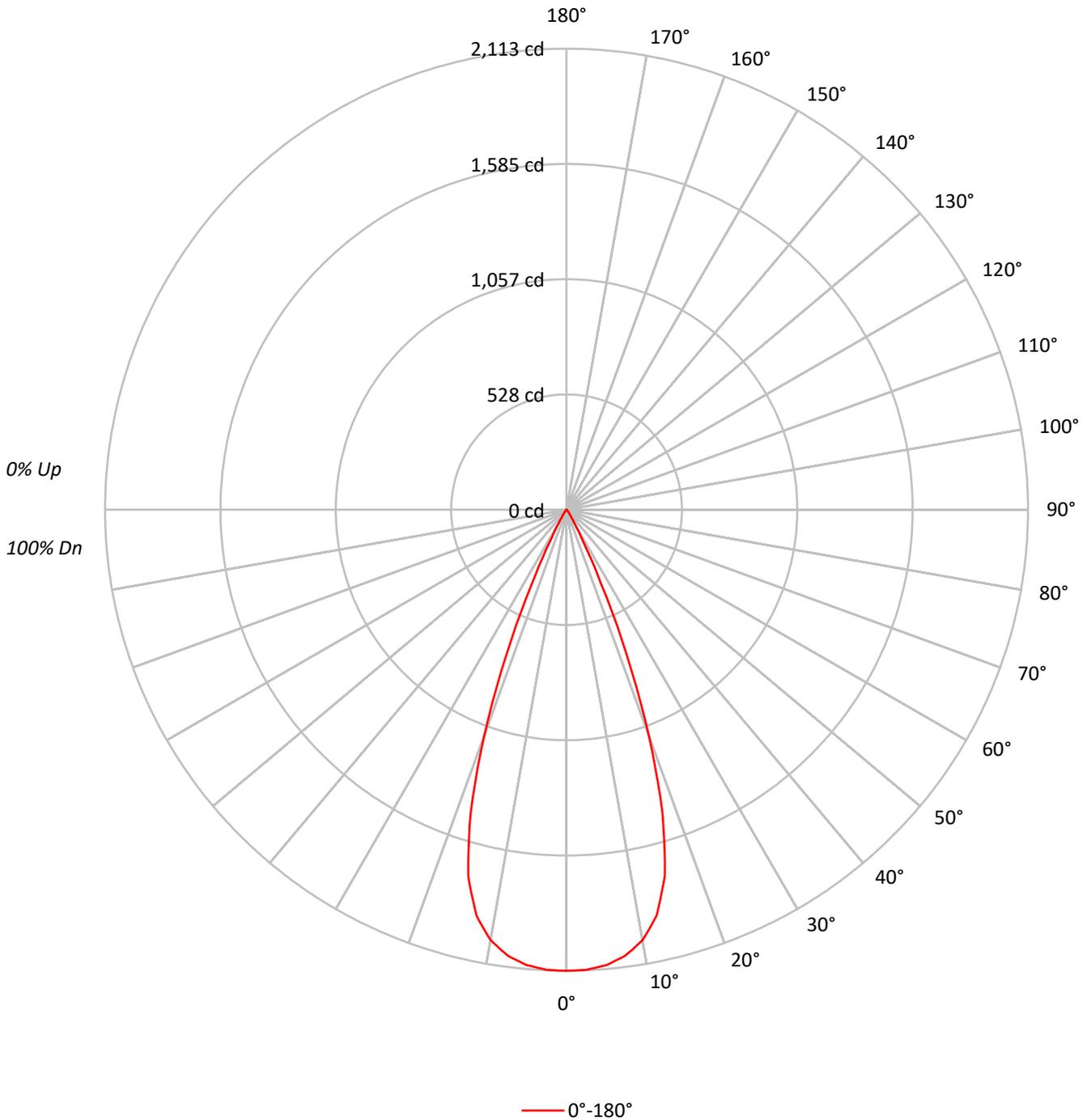
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 880.0 lumens
Efficiency: N/A
Efficacy: 67.2 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.59
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	
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
1	115	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	96				96
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	92				92
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	94	92	90	89				89
4	103	97	93	90	102	96	92	89	94	91	88	92	90	87	91	88	86	85				85
5	100	93	89	86	98	92	88	85	91	87	85	89	86	84	88	85	83	82				82
6	96	90	85	82	95	89	85	82	88	84	81	86	83	81	85	82	80	79				79
7	93	86	82	79	92	86	81	78	85	81	78	83	80	78	82	79	77	76				76
8	90	83	79	76	89	83	78	75	82	78	75	81	77	75	80	77	75	73				73
9	87	80	76	73	87	80	76	73	79	75	72	78	75	72	77	74	72	71				71
10	85	77	73	70	84	77	73	70	76	73	70	76	72	70	75	72	70	69				69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	463340
5°	461104
10°	446084
15°	394667
20°	257506
25°	91215
30°	19345
35°	6371
40°	2319
45°	775
50°	648
55°	726
60°	570
65°	675
70°	385
75°	508
80°	758
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 1008 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.1	22.4
10°-20°	459.0	52.2
20°-30°	199.2	22.6
30°-40°	18.4	2.1
40°-50°	2.6	0.3
50°-60°	1.6	0.2
60°-70°	1.2	0.1
70°-80°	0.6	0.1
80°-90°	0.2	0.0
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°	855.3	97.2
0°-40°	873.7	99.3
0°-60°	877.9	99.8
0°-90°	880.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	880.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2113	
5°	2095	197
15°	1738	459
25°	377	199
35°	24	18
45°	2	3
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2113.0
2.5°	2110.5
5°	2094.8
7.5°	2061.7
10°	2003.4
12.5°	1905.1
15°	1738.5
17.5°	1462.3
20°	1103.5
22.5°	716.4
25°	377.0
27.5°	162.2
30°	76.4
32.5°	41.3
35°	23.8
37.5°	14.4
40°	8.1
42.5°	4.4
45°	2.5
47.5°	1.9
50°	1.9
52.5°	1.9
55°	1.9
57.5°	1.9
60°	1.3
62.5°	1.3
65°	1.3
67.5°	1.3
70°	0.6
72.5°	0.6
75°	0.6
77.5°	0.6
80°	0.6
82.5°	0.6
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)