

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: P1283315

Luminaire Tested: P3AS09R40B2750DE010 E3CD1MMS_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283315
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 E3CD1MMS_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 4000K CCT AND, 80CRI , E3CD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

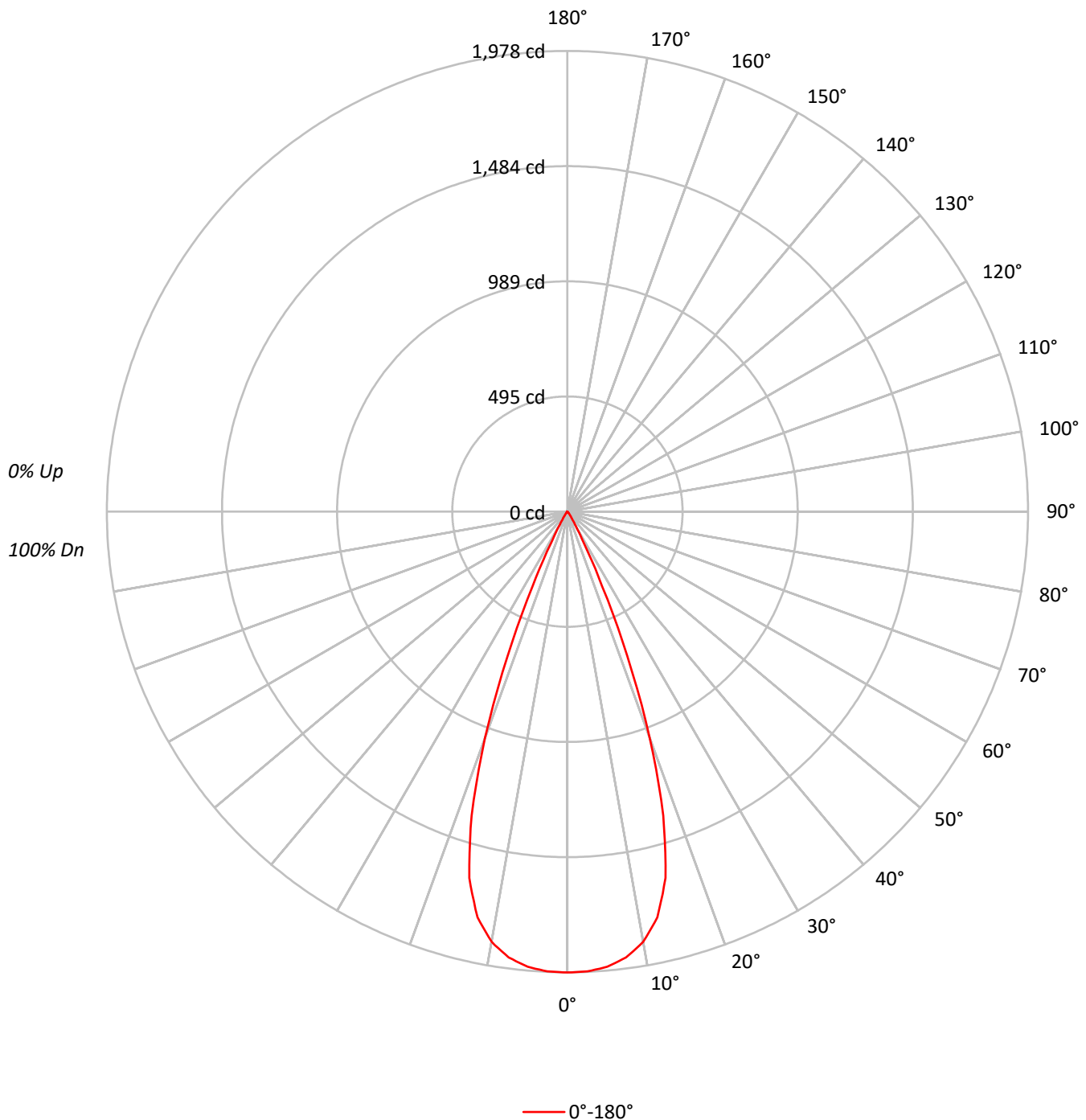
Lumens per Lamp: N/A
Luminaire Lumens: 824.1 lumens
Efficiency: N/A
Efficacy: 62.9 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.59
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	102	102	100	
1	115	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	98	98	96	
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	94	92		
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	94	92	90	90	89		
4	103	97	93	90	102	96	92	89	94	91	88	92	90	87	91	88	86	86	85		
5	100	93	89	86	98	92	88	85	91	87	85	89	86	84	88	85	83	83	82		
6	96	90	85	82	95	89	85	82	88	84	81	86	83	81	85	82	80	80	79		
7	93	86	82	79	92	86	81	78	85	81	78	83	80	78	82	79	77	77	76		
8	90	83	79	76	89	83	78	75	82	78	75	81	77	75	80	77	75	75	73		
9	87	80	76	73	87	80	76	73	79	75	72	78	75	72	77	74	72	72	71		
10	85	77	73	70	84	77	73	70	76	73	70	76	72	70	75	72	70	70	69		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	433847
5°	431762
10°	417694
15°	369559
20°	241124
25°	85408
30°	18104
35°	5970
40°	2176
45°	713
50°	614
55°	688
60°	526
65°	623
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°	184.6	22.4
10°-20°	429.8	52.2
20°-30°	186.5	22.6
30°-40°	17.2	2.1
40°-50°	2.4	0.3
50°-60°	1.5	0.2
60°-70°	1.1	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°	800.9	97.2
0°-40°	818.1	99.3
0°-60°	822.1	99.8
0°-90°	824.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	824.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1978	
5°	1962	185
15°	1628	430
25°	353	187
35°	22	17
45°	2	2
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1978.5
2.5°	1976.2
5°	1961.5
7.5°	1930.5
10°	1875.9
12.5°	1783.9
15°	1627.9
17.5°	1369.3
20°	1033.3
22.5°	670.9
25°	353.0
27.5°	151.9
30°	71.5
32.5°	38.7
35°	22.3
37.5°	13.5
40°	7.6
42.5°	4.1
45°	2.3
47.5°	1.8
50°	1.8
52.5°	1.8
55°	1.8
57.5°	1.8
60°	1.2
62.5°	1.2
65°	1.2
67.5°	1.2
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)