

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: P1283021

Luminaire Tested: P3AS09R30B2750DE010 E3CD1MW_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283021
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R30B2750DE010 E3CD1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 80CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

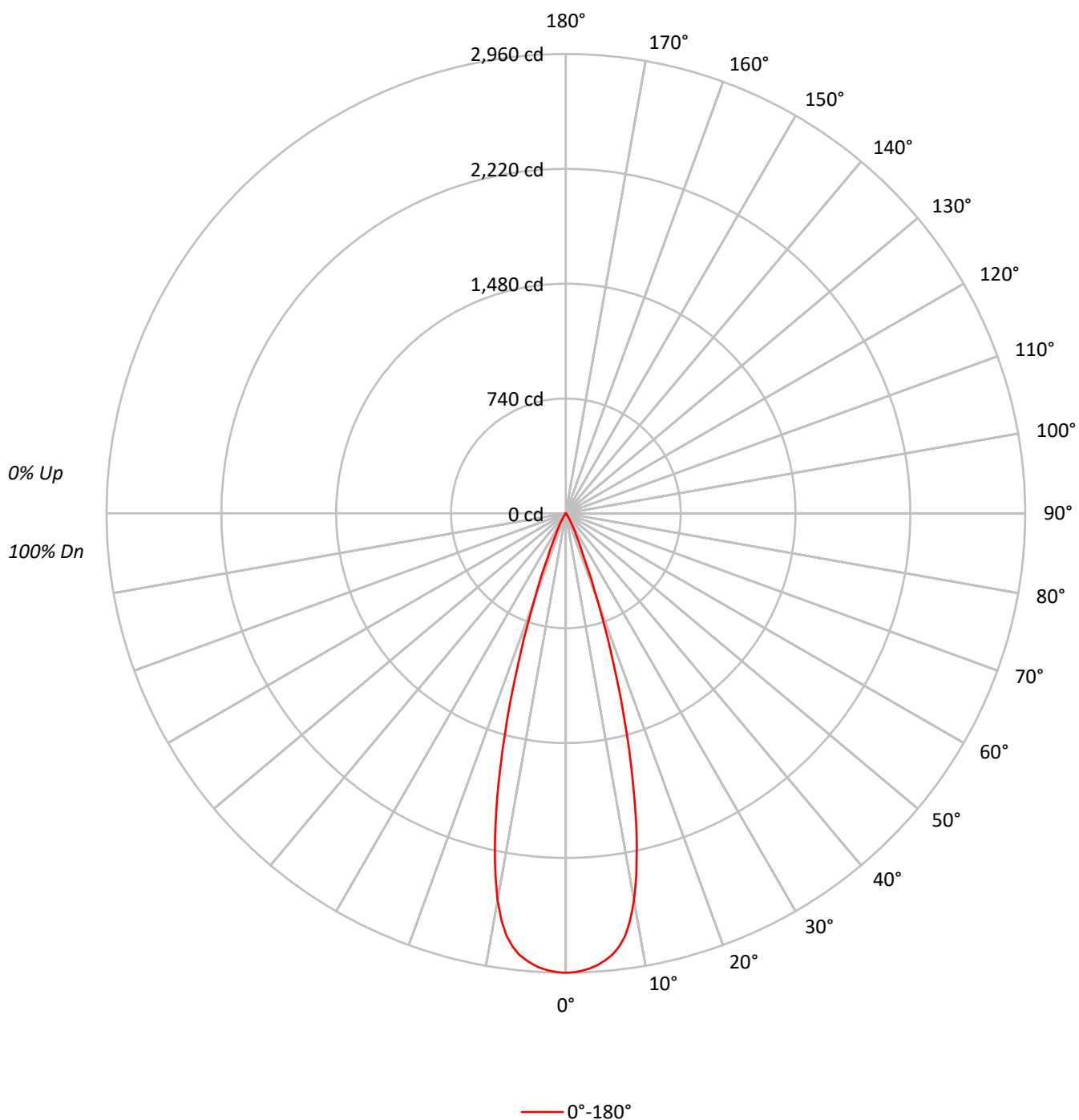
Lumens per Lamp: N/A
Luminaire Lumens: 797.0 lumens
Efficiency: N/A
Efficacy: 60.8 lumens/watt
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	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	99	98	97	97	96	95	94	94	93	92	91
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95	94	93	92	91	90	89	88	87	86
2	111	108	105	102	109	106	104	101	103	101	99	100	99	97	98	96	95	94	93	92	91	90	89	88	87	86	85	84	83
3	108	103	100	97	106	102	99	96	100	97	95	97	95	93	95	94	92	91	90	89	88	87	86	85	84	83	82	81	80
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89	88	87	86	85	84	83	82	81	80	79	78	77
5	102	96	92	89	100	95	91	89	94	90	88	92	89	87	91	88	87	86	85	84	83	82	81	80	79	78	77	76	75
6	99	93	89	86	98	92	88	86	91	88	85	90	87	85	89	86	84	83	82	81	80	79	78	77	76	75	74	73	72
7	96	90	86	83	95	89	86	83	88	85	82	87	84	82	86	84	82	81	80	79	78	77	76	75	74	73	72	71	70
8	94	87	83	81	93	87	83	80	86	83	80	85	82	80	84	82	80	79	78	77	76	75	74	73	72	71	70	69	68
9	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	79	77	76	75	74	73	72	71	70	69	68	67	66	65
10	89	83	79	76	88	82	78	76	82	78	76	81	78	76	80	77	75	74	73	72	71	70	69	68	67	66	65	64	63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	649027
5°	636758
10°	563695
15°	357142
20°	135555
25°	40139
30°	15851
35°	4872
40°	2147
45°	775
50°	648
55°	497
60°	570
65°	675
70°	385
75°	508
80°	758
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 775 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	265.9	33.4
10°-20°	414.4	52.0
20°-30°	96.2	12.1
30°-40°	14.9	1.9
40°-50°	2.6	0.3
50°-60°	1.2	0.2
60°-70°	1.0	0.1
70°-80°	0.6	0.1
80°-90°	0.1	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°	776.6	97.4
0°-40°	791.5	99.3
0°-60°	795.3	99.8
0°-90°	797.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	797.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2960	
5°	2893	266
15°	1573	414
25°	166	96
35°	18	15
45°	2	3
55°	1	1
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2959.8
1°	2957.9
2°	2949.8
3°	2936.0
4°	2918.5
5°	2892.8
6°	2860.9
7°	2813.3
8°	2748.2
9°	2652.4
10°	2531.6
11°	2375.7
12°	2199.8
13°	2004.5
14°	1789.8
15°	1573.2
17.5°	1029.2
20°	580.9
22.5°	296.7
25°	165.9
27.5°	102.0
30°	62.6
32.5°	33.8
35°	18.2
37.5°	11.9
40°	7.5
42.5°	4.4
45°	2.5
47.5°	1.9
50°	1.9
52.5°	1.3
55°	1.3
57.5°	1.3
60°	1.3
62.5°	1.3
65°	1.3
67.5°	0.6
70°	0.6
72.5°	0.6
75°	0.6
77.5°	0.6
80°	0.6
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)