

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: P1283048

Luminaire Tested: P3AS09R30B2750DE010 E3DL1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283048
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R30B2750DE010 E3DL1GPH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

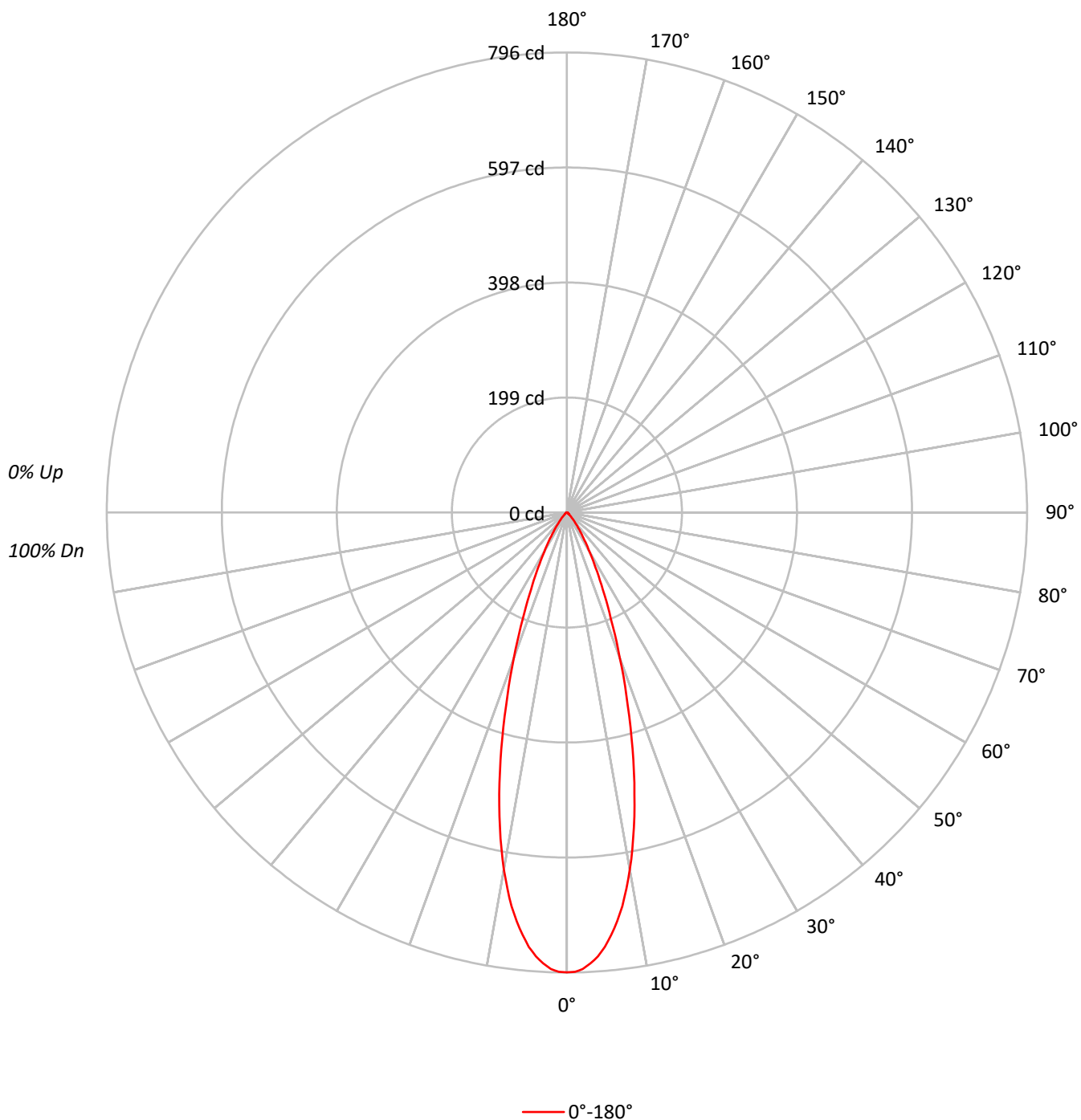
Lumens per Lamp: N/A
Luminaire Lumens: 299.0 lumens
Efficiency: N/A
Efficacy: 22.8 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	100	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	90	90	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	86	86	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	82	82	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	78	78	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	75	75	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	71	71	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	69	69	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	66	66	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	63	63	63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	174482
5°	166057
10°	139677
15°	100727
20°	62492
25°	35542
30°	19750
35°	10734
40°	5668
45°	3070
50°	1637
55°	1070
60°	1009
65°	1038
70°	898
75°	678
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3070 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.9	22.7
10°-20°	120.8	40.4
20°-30°	69.8	23.3
30°-40°	26.5	8.9
40°-50°	8.1	2.7
50°-60°	2.7	0.9
60°-70°	1.9	0.6
70°-80°	1.0	0.3
80°-90°	0.3	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°	258.5	86.4
0°-40°	285.0	95.3
0°-60°	295.9	98.9
0°-90°	299.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	299.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	796	
5°	754	68
15°	444	121
25°	147	70
35°	40	26
45°	10	8
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	795.7
1°	795.1
2°	790.3
3°	781.3
4°	770.0
5°	754.4
6°	734.7
7°	712.6
8°	688.1
9°	658.7
10°	627.3
11°	593.4
12°	557.6
13°	520.0
14°	481.9
15°	443.7
17.5°	350.0
20°	267.8
22.5°	198.6
25°	146.9
27.5°	106.8
30°	78.0
32.5°	56.2
35°	40.1
37.5°	28.0
40°	19.8
42.5°	13.8
45°	9.9
47.5°	6.8
50°	4.8
52.5°	3.4
55°	2.8
57.5°	2.5
60°	2.3
62.5°	2.0
65°	2.0
67.5°	1.7
70°	1.4
72.5°	1.1
75°	0.8
77.5°	0.8
80°	0.6
82.5°	0.6
85°	0.3
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)