

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: P1283061

Luminaire Tested: P3AS09R30B2750DE010 E3DL1LI_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283061
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 E3DL1LI_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 80CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

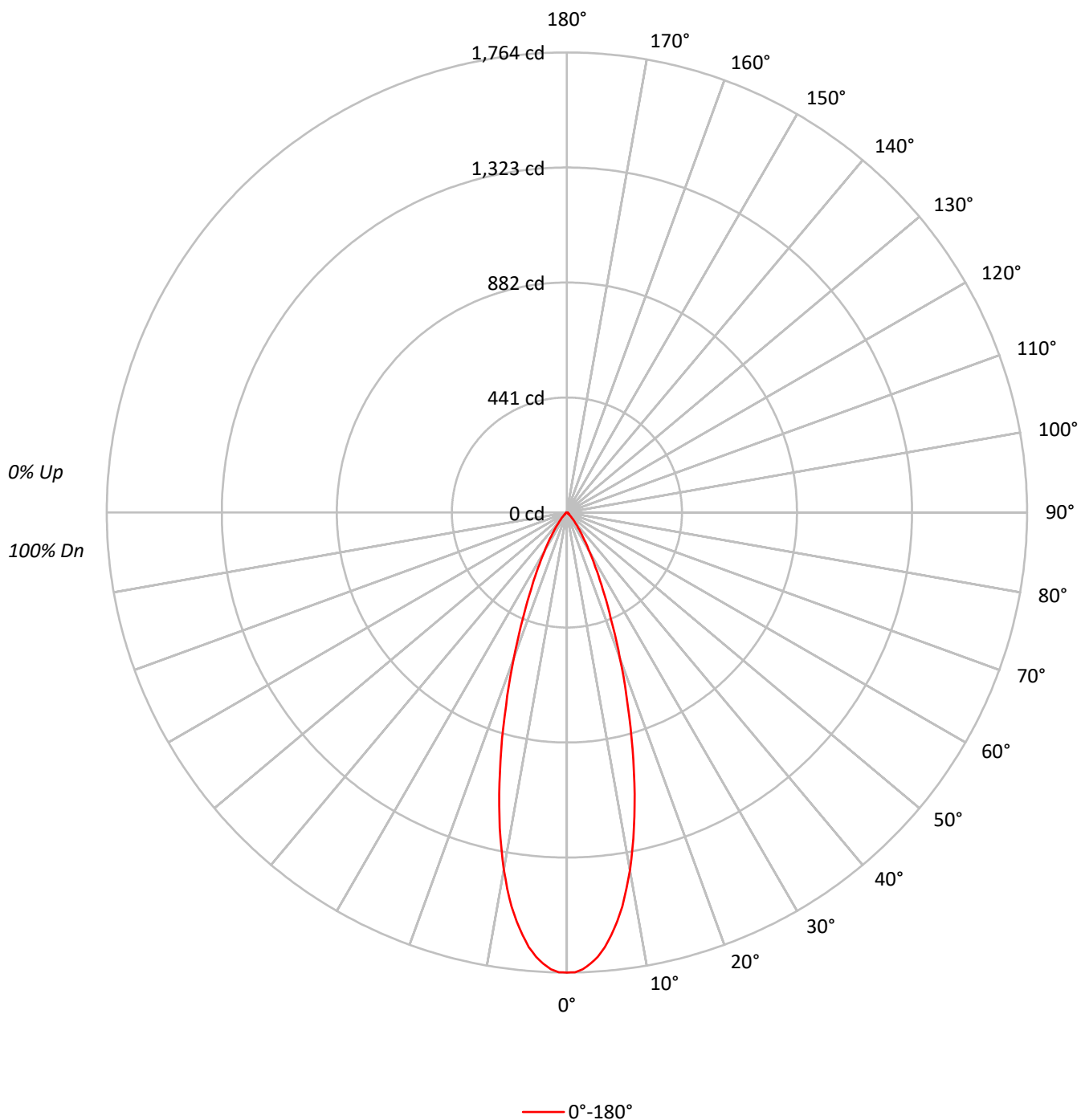
Lumens per Lamp: N/A
Luminaire Lumens: 663.0 lumens
Efficiency: N/A
Efficacy: 50.6 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	95	90	86	82	78	75	71	69
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	90	86	82	78	75	71	69	66	63	60	58
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	86	82	78	75	71	69	66	63	60	58	55
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	82	78	75	71	69	66	63	60	58	55	52
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	78	75	71	69	66	63	60	58	55	52	49
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	75	71	69	66	63	60	58	55	52	49	46
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	71	69	66	63	60	58	55	52	49	46	43
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	69	66	63	60	58	55	52	49	46	43	40
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	66	63	60	58	55	52	49	46	43	40	37
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	63	60	58	55	52	49	46	43	40	37	34
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	64	61	58	55	52	49	46	43	40	37	34	31

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	386877
5°	368236
10°	309725
15°	223361
20°	138542
25°	78803
30°	43779
35°	23798
40°	12538
45°	6791
50°	3616
55°	2409
60°	2193
65°	2283
70°	1988
75°	1610
80°	1642
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6791 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	150.6	22.7
10°-20°	267.8	40.4
20°-30°	154.8	23.3
30°-40°	58.7	8.9
40°-50°	18.0	2.7
50°-60°	6.1	0.9
60°-70°	4.1	0.6
70°-80°	2.2	0.3
80°-90°	0.7	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°	573.1	86.4
0°-40°	631.9	95.3
0°-60°	655.9	98.9
0°-90°	663.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	663.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1764	
5°	1673	151
15°	984	268
25°	326	155
35°	89	59
45°	22	18
55°	6	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1764.3
1°	1763.1
2°	1752.4
3°	1732.4
4°	1707.3
5°	1672.9
6°	1629.0
7°	1580.2
8°	1525.7
9°	1460.6
10°	1391.0
11°	1315.9
12°	1236.3
13°	1153.0
14°	1068.5
15°	983.9
17.5°	776.0
20°	593.7
22.5°	440.3
25°	325.7
27.5°	236.7
30°	172.9
32.5°	124.6
35°	88.9
37.5°	62.0
40°	43.8
42.5°	30.7
45°	21.9
47.5°	15.0
50°	10.6
52.5°	7.5
55°	6.3
57.5°	5.6
60°	5.0
62.5°	4.4
65°	4.4
67.5°	3.8
70°	3.1
72.5°	2.5
75°	1.9
77.5°	1.9
80°	1.3
82.5°	1.3
85°	0.6
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)