

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: P1282630

Luminaire Tested: P3AS09R15B2750DE010 E3DLD1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282630
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R15B2750DE010 E3DLD1GPH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 4000K CCT AND, 80CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

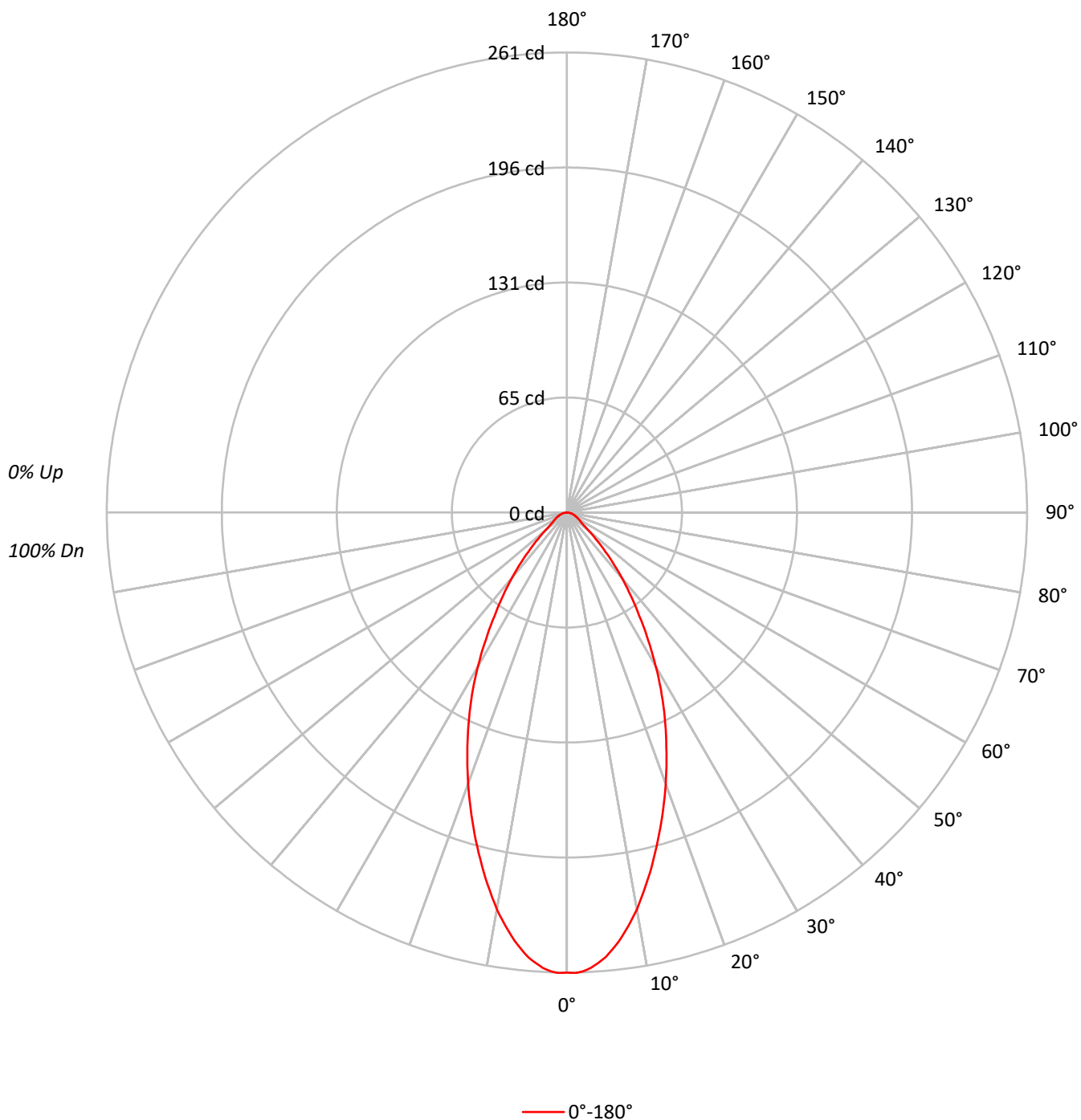
Lumens per Lamp: N/A
Luminaire Lumens: 227.0 lumens
Efficiency: N/A
Efficacy: 17.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			0
RW	70	50	30	10	70	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
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96	95	93	91
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90	87	85	83
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84	81	78	76
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78	75	72	70
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		74	69	66	65
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69	65	61	60
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65	61	57	56
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61	57	53	52
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58	53	50	49
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55	50	47	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	57254
5°	55712
10°	50901
15°	44586
20°	38247
25°	31937
30°	25548
35°	19167
40°	13912
45°	9086
50°	5697
55°	3861
60°	3421
65°	3113
70°	2949
75°	2711
80°	2526
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9086 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.3	10.3
10°-20°	54.7	24.1
20°-30°	60.3	26.6
30°-40°	45.1	19.9
40°-50°	23.4	10.3
50°-60°	9.7	4.3
60°-70°	6.0	2.6
70°-80°	3.4	1.5
80°-90°	1.0	0.4
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°	138.4	61.0
0°-40°	183.5	80.8
0°-60°	216.6	95.4
0°-90°	227.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	227.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	261	
5°	253	23
15°	196	55
25°	132	60
35°	72	45
45°	29	23
55°	10	10
65°	6	6
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	261.1
1°	261.4
2°	260.5
3°	258.8
4°	256.2
5°	253.1
6°	249.0
7°	244.7
8°	239.5
9°	234.1
10°	228.6
12.5°	212.8
15°	196.4
17.5°	180.0
20°	163.9
22.5°	147.5
25°	132.0
27.5°	116.5
30°	100.9
32.5°	85.7
35°	71.6
37.5°	59.5
40°	48.6
42.5°	38.5
45°	29.3
47.5°	22.1
50°	16.7
52.5°	12.4
55°	10.1
57.5°	8.9
60°	7.8
62.5°	6.9
65°	6.0
67.5°	5.2
70°	4.6
72.5°	3.7
75°	3.2
77.5°	2.6
80°	2.0
82.5°	1.4
85°	0.9
87.5°	0.3
90°	0.0

(END OF REPORT)