

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: P1282628

Luminaire Tested: P3AS09R15B2750DE010 E3DLD1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282628
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_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

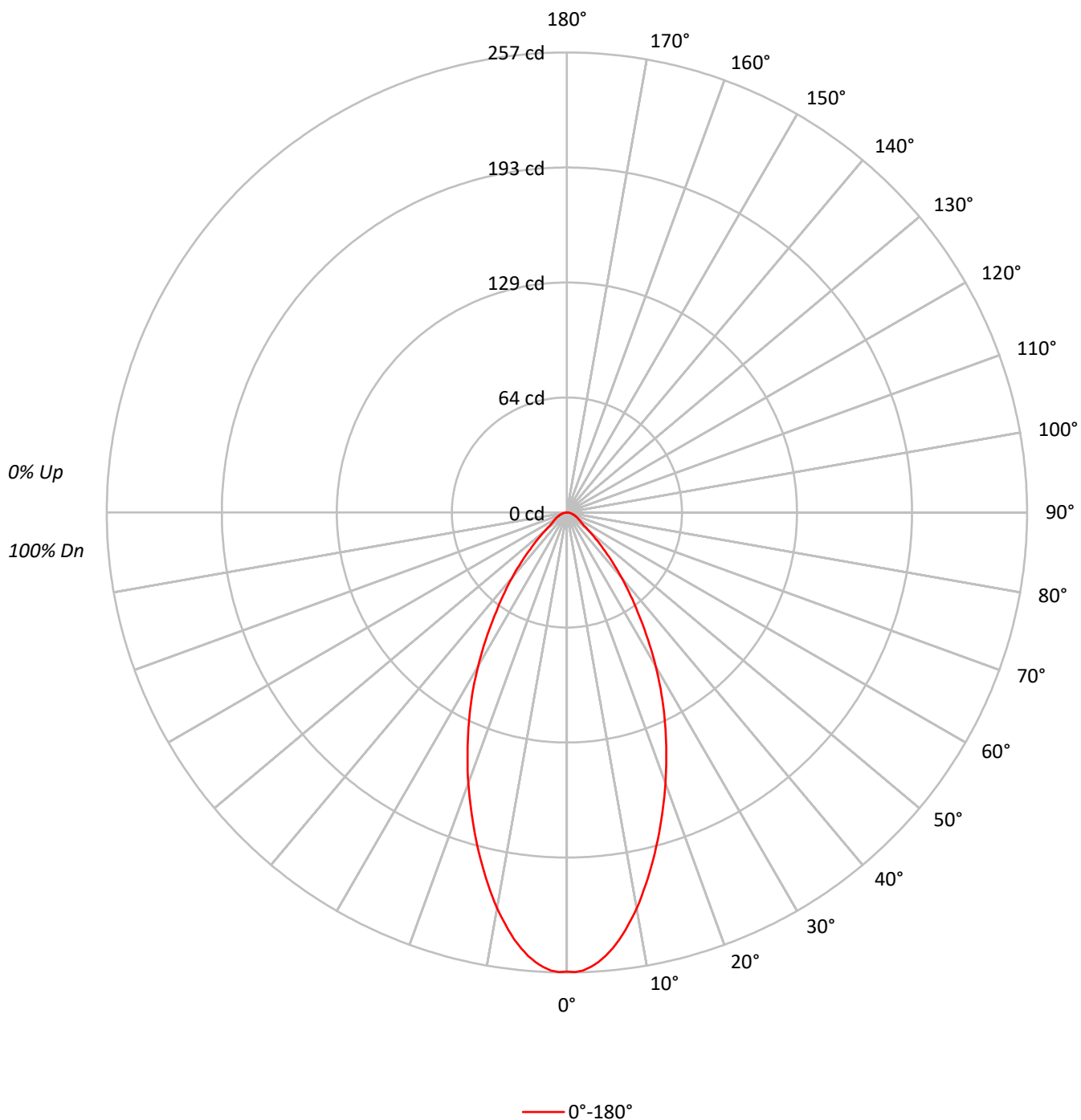
Lumens per Lamp: N/A
Luminaire Lumens: 223.0 lumens
Efficiency: N/A
Efficacy: 17.0 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	109	107	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	56245
5°	54721
10°	50010
15°	43814
20°	37570
25°	31381
30°	25118
35°	18819
40°	13654
45°	8931
50°	5595
55°	3785
60°	3333
65°	3061
70°	2885
75°	2626
80°	2526
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8931 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.9	10.3
10°-20°	53.8	24.1
20°-30°	59.2	26.6
30°-40°	44.4	19.9
40°-50°	23.0	10.3
50°-60°	9.5	4.3
60°-70°	5.9	2.6
70°-80°	3.3	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°	135.9	61.0
0°-40°	180.3	80.9
0°-60°	212.8	95.4
0°-90°	223.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	223.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	256	
5°	249	23
15°	193	54
25°	130	59
35°	70	44
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°	256.5
1°	256.8
2°	256.0
3°	254.3
4°	251.7
5°	248.6
6°	244.7
7°	240.4
8°	235.3
9°	230.0
10°	224.6
12.5°	209.1
15°	193.0
17.5°	176.8
20°	161.0
22.5°	144.9
25°	129.7
27.5°	114.4
30°	99.2
32.5°	84.2
35°	70.3
37.5°	58.5
40°	47.7
42.5°	37.9
45°	28.8
47.5°	21.8
50°	16.4
52.5°	12.1
55°	9.9
57.5°	8.8
60°	7.6
62.5°	6.8
65°	5.9
67.5°	5.1
70°	4.5
72.5°	3.7
75°	3.1
77.5°	2.5
80°	2.0
82.5°	1.4
85°	0.8
87.5°	0.3
90°	0.0

(END OF REPORT)