

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: P1284368

Luminaire Tested: P3AS13R15B2750DE010 E3DLD1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284368
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: P3AS13R15B2750DE010 E3DLD1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

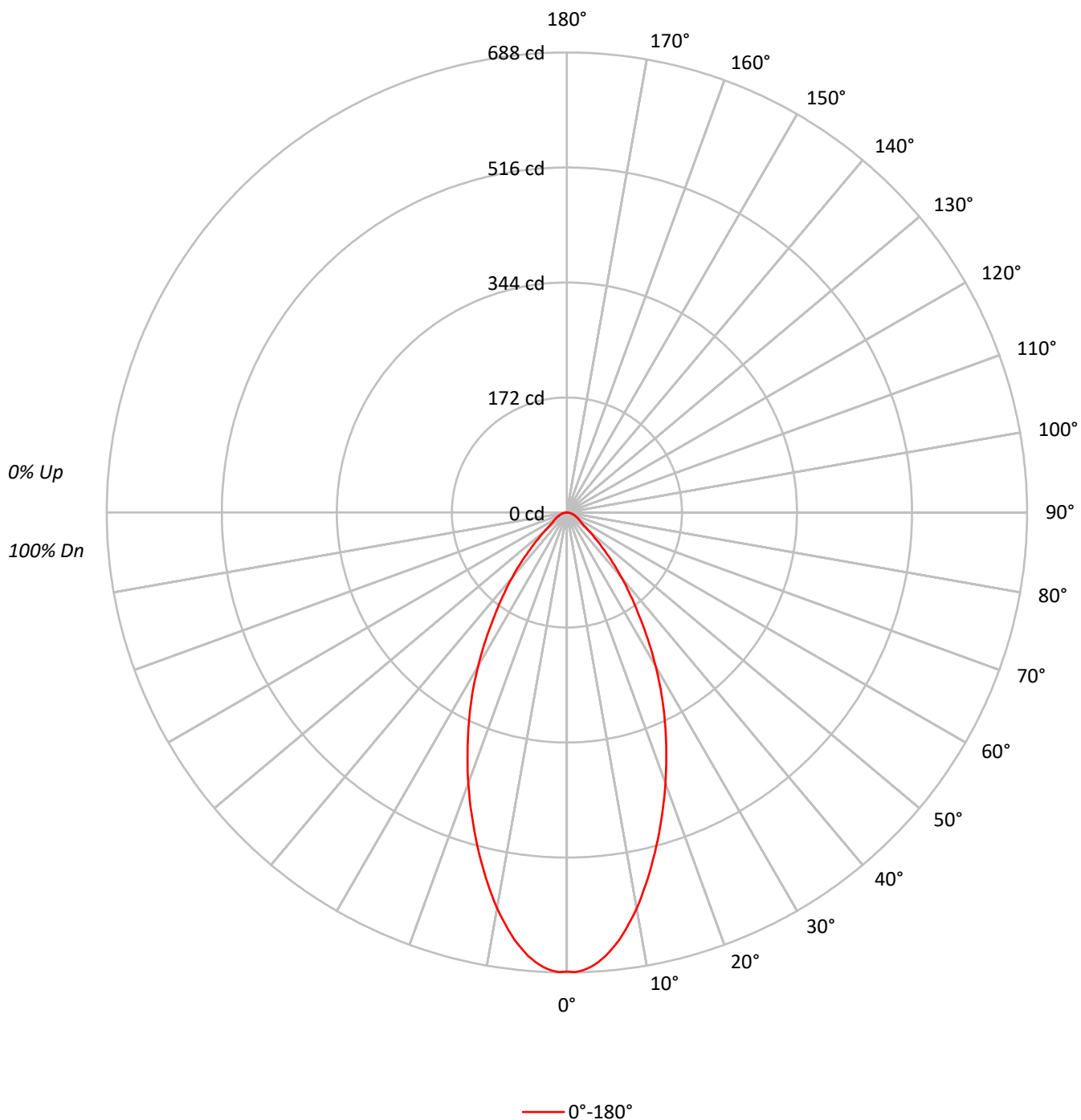
Lumens per Lamp: N/A
Luminaire Lumens: 597.0 lumens
Efficiency: N/A
Efficacy: 31.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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°	150580
5°	146489
10°	133888
15°	117276
20°	100599
25°	83981
30°	67226
35°	50406
40°	36583
45°	23909
50°	14976
55°	10131
60°	8947
65°	8250
70°	7758
75°	7032
80°	6693
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23909 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.4	10.3
10°-20°	143.9	24.1
20°-30°	158.6	26.6
30°-40°	118.8	19.9
40°-50°	61.5	10.3
50°-60°	25.5	4.3
60°-70°	15.8	2.6
70°-80°	8.9	1.5
80°-90°	2.6	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°	363.9	61.0
0°-40°	482.7	80.9
0°-60°	569.7	95.4
0°-90°	597.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	597.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	687	
5°	666	61
15°	517	144
25°	347	159
35°	188	119
45°	77	62
55°	26	26
65°	16	16
75°	8	9
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	686.7
1°	687.5
2°	685.2
3°	680.7
4°	673.9
5°	665.5
6°	655.0
7°	643.6
8°	630.0
9°	615.6
10°	601.3
12.5°	559.7
15°	516.6
17.5°	473.4
20°	431.1
22.5°	388.0
25°	347.1
27.5°	306.3
30°	265.5
32.5°	225.4
35°	188.3
37.5°	156.6
40°	127.8
42.5°	101.3
45°	77.1
47.5°	58.2
50°	43.9
52.5°	32.5
55°	26.5
57.5°	23.4
60°	20.4
62.5°	18.2
65°	15.9
67.5°	13.6
70°	12.1
72.5°	9.8
75°	8.3
77.5°	6.8
80°	5.3
82.5°	3.8
85°	2.3
87.5°	0.8
90°	0.0

(END OF REPORT)