

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: P1284420

Luminaire Tested: P3AS13R15B2750DE010 E3PHLD1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284420
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R15B2750DE010 E3PHLD1MW_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 4000K CCT AND, 80CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

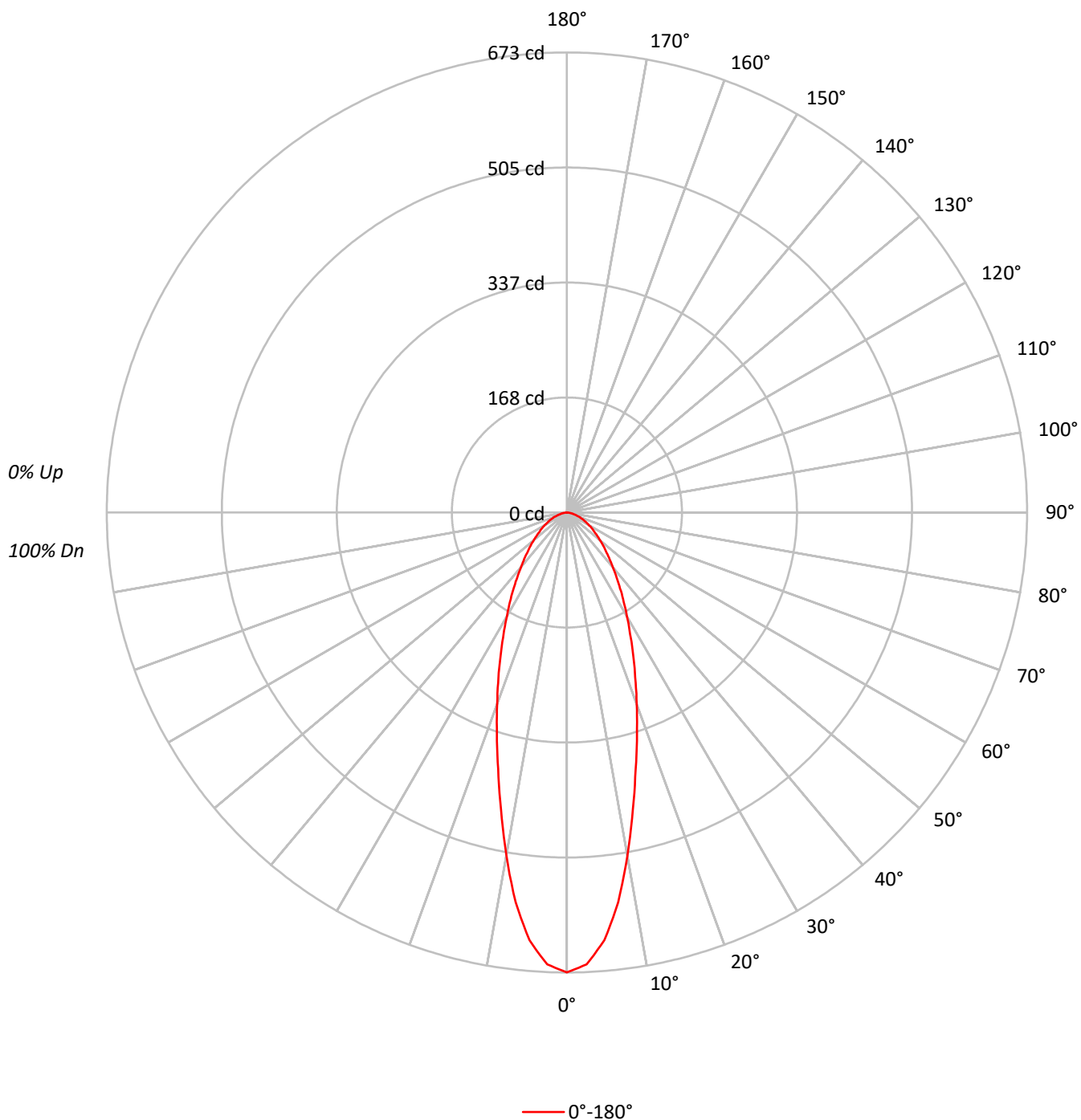
Lumens per Lamp: N/A
Luminaire Lumens: 507.0 lumens
Efficiency: N/A
Efficacy: 26.5 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	112	108	105	102	109	106	103	101	102	100	97		98	96	95		95
2	104	98	93	89	102	97	92	88	93	89	86		90	87	84		87
3	98	90	84	79	96	88	83	78	85	81	77		83	79	75		81
4	92	82	76	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	71	63	58	79	70	63	58	68	62	58		67	61	57		65
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	69	58	51	47	68	57	51	46	56	50	46		55	50	46		54
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	147532
5°	138300
10°	113402
15°	88105
20°	69539
25°	55431
30°	44488
35°	36326
40°	29913
45°	25181
50°	21628
55°	18695
60°	16578
65°	14424
70°	12823
75°	10336
80°	8461
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25181 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.1	11.1
10°-20°	108.7	21.4
20°-30°	105.7	20.8
30°-40°	85.4	16.8
40°-50°	63.4	12.5
50°-60°	44.3	8.7
60°-70°	27.8	5.5
70°-80°	13.2	2.6
80°-90°	2.4	0.5
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°	270.5	53.4
0°-40°	355.9	70.2
0°-60°	463.6	91.4
0°-90°	507.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	507.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	673	
5°	628	56
15°	388	109
25°	229	106
35°	136	85
45°	81	63
55°	49	44
65°	28	28
75°	12	13
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	672.8
2.5°	661.7
5°	628.3
7.5°	575.0
10°	509.3
12.5°	444.8
15°	388.1
17.5°	340.3
20°	298.0
22.5°	261.3
25°	229.1
27.5°	200.2
30°	175.7
32.5°	154.6
35°	135.7
37.5°	119.0
40°	104.5
42.5°	92.3
45°	81.2
47.5°	72.3
50°	63.4
52.5°	55.6
55°	48.9
57.5°	43.4
60°	37.8
62.5°	32.3
65°	27.8
67.5°	23.4
70°	20.0
72.5°	15.6
75°	12.2
77.5°	8.9
80°	6.7
82.5°	3.3
85°	2.2
87.5°	0.0
90°	0.0

(END OF REPORT)