

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: P1280856

Luminaire Tested: P3AS05R15B2750DE010 E3D1LI_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1280856
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R15B2750DE010 E3D1LI_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 80CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

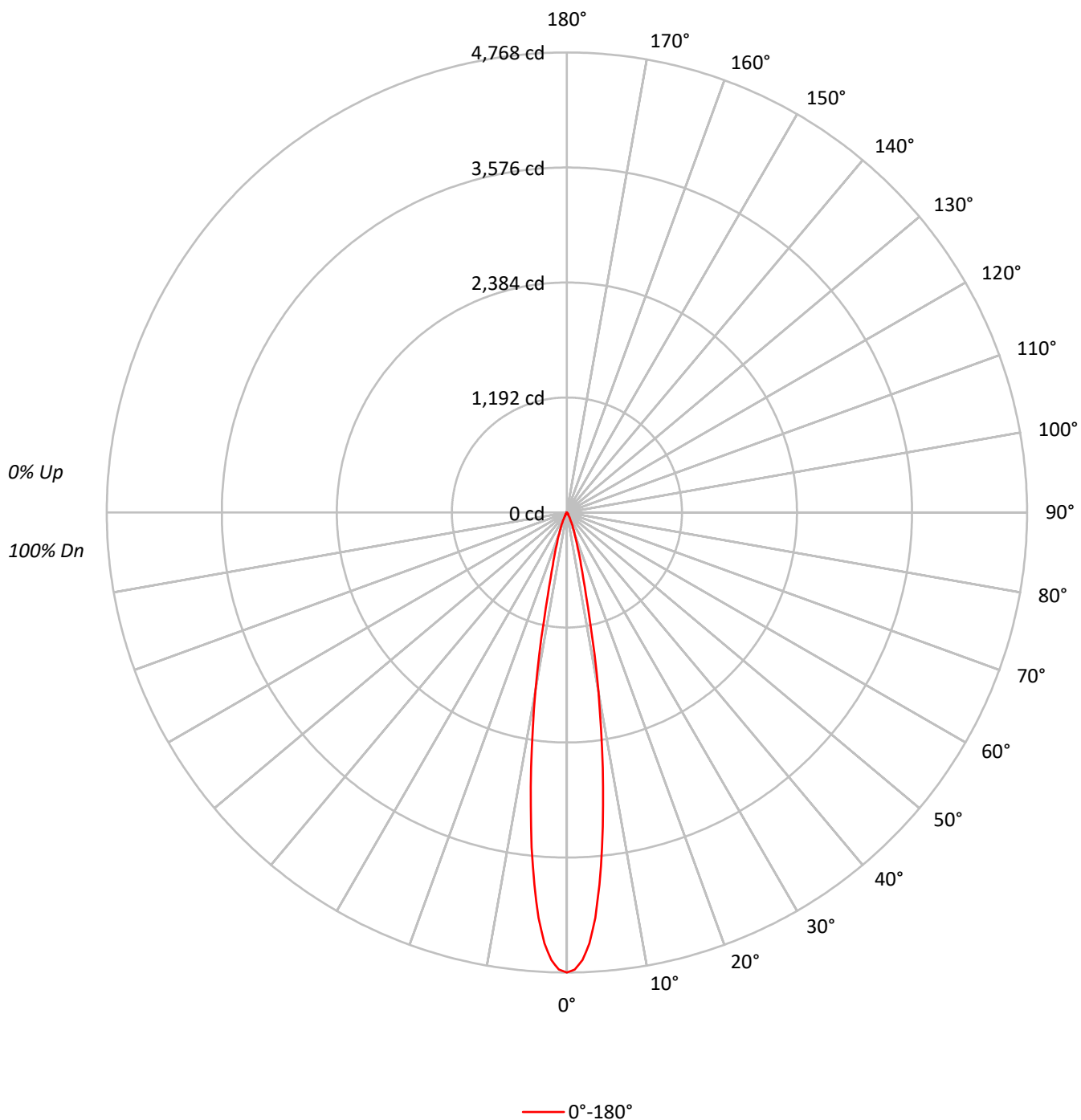
Lumens per Lamp: N/A
Luminaire Lumens: 549.0 lumens
Efficiency: N/A
Efficacy: 93.0 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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	116	114	112	111	113	112	110	109	108	107	105		104	103	102		101	100	99	98
2	112	109	107	105	110	108	105	103	105	103	101		102	100	99		99	98	97	96
3	110	106	102	100	108	104	102	99	102	100	98		100	98	96		98	96	95	94
4	107	102	99	96	106	101	98	96	99	97	95		98	96	94		96	94	93	92
5	105	100	96	94	103	99	96	93	97	94	92		96	93	92		94	93	91	90
6	102	97	94	91	101	96	93	91	95	92	90		94	92	90		93	91	89	88
7	100	95	91	89	99	94	91	89	93	90	88		92	90	88		91	89	88	87
8	98	93	89	87	97	92	89	87	91	89	87		91	88	86		90	88	86	85
9	96	91	88	85	96	91	87	85	90	87	85		89	87	85		89	86	85	84
10	95	89	86	84	94	89	86	84	88	85	83		88	85	83		87	85	83	82

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1045443
5°	852496
10°	417494
15°	127787
20°	54115
25°	24485
30°	9546
35°	4390
40°	1374
45°	527
50°	205
55°	76
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 527 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	301.5	54.9
10°-20°	185.0	33.7
20°-30°	49.7	9.1
30°-40°	10.9	2.0
40°-50°	1.5	0.3
50°-60°	0.3	0.0
60°-70°	0.1	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	536.1	97.7
0°-40°	547.1	99.7
0°-60°	548.9	100.0
0°-90°	549.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	549.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4768	
5°	3873	301
15°	563	185
25°	101	50
35°	16	11
45°	2	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4767.6
1°	4737.8
2°	4642.3
3°	4470.1
4°	4210.9
5°	3872.9
6°	3490.4
7°	3064.5
8°	2673.1
9°	2258.3
10°	1875.0
11°	1495.7
12°	1150.8
13°	885.2
14°	700.7
15°	562.9
17.5°	348.9
20°	231.9
22.5°	156.1
25°	101.2
27.5°	60.0
30°	37.7
32.5°	25.4
35°	16.4
37.5°	9.2
40°	4.8
42.5°	2.7
45°	1.7
47.5°	1.0
50°	0.6
52.5°	0.4
55°	0.2
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)