

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: P1280870

Luminaire Tested: P3AS05R15B2750DE010 E3D1WMH_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1280870
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 E3D1WMH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 4000K CCT AND, 80CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

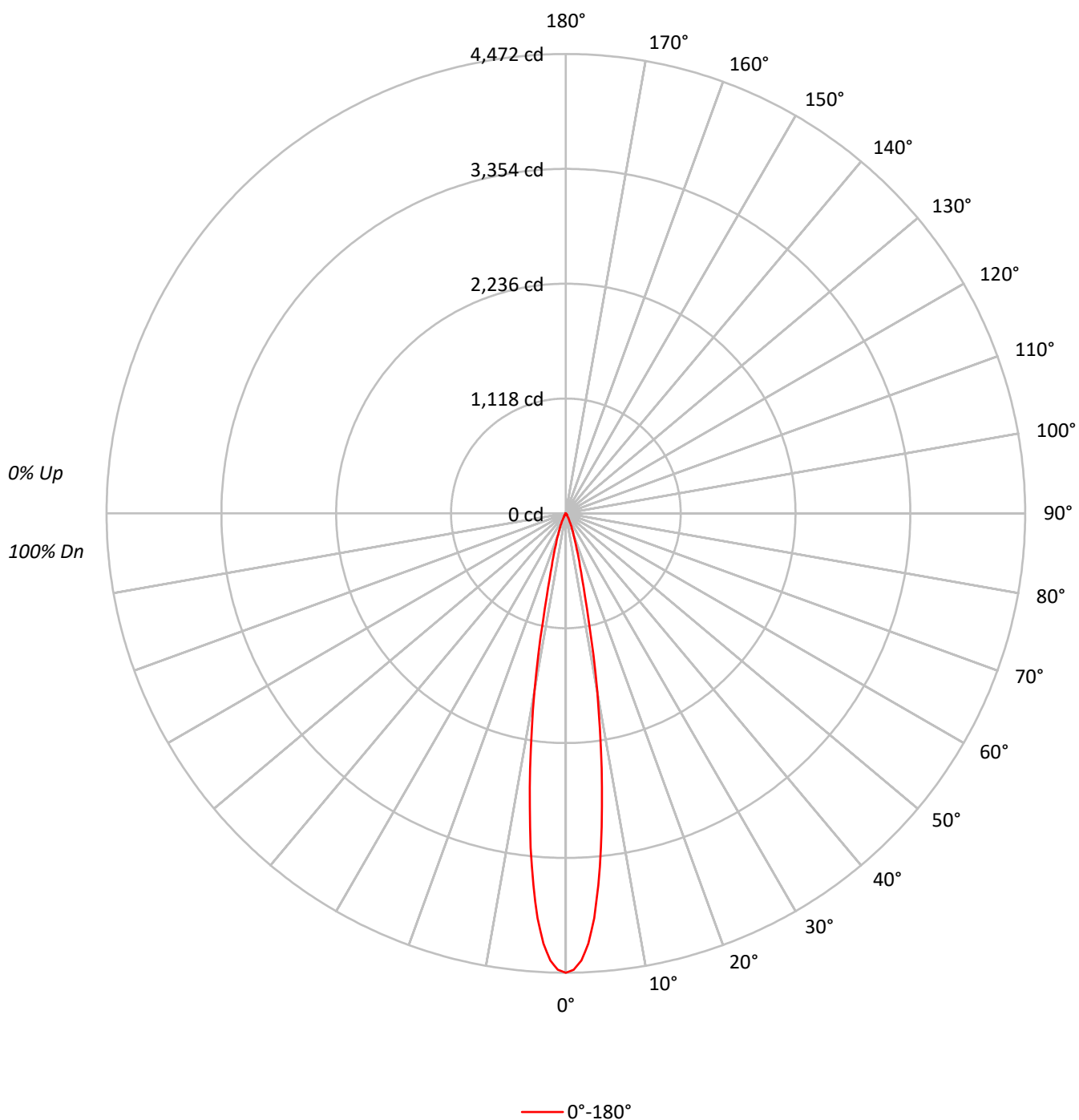
Lumens per Lamp: N/A
Luminaire Lumens: 515.0 lumens
Efficiency: N/A
Efficacy: 87.3 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	
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	105	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°	980689
5°	799690
10°	391643
15°	119864
20°	50754
25°	22961
30°	8938
35°	4122
40°	1288
45°	496
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: 496 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	282.8	54.9
10°-20°	173.5	33.7
20°-30°	46.6	9.0
30°-40°	10.3	2.0
40°-50°	1.4	0.3
50°-60°	0.3	0.1
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°	502.9	97.7
0°-40°	513.2	99.6
0°-60°	514.9	100.0
0°-90°	515.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	515.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4472	
5°	3633	283
15°	528	174
25°	95	47
35°	15	10
45°	2	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4472.3
1°	4444.4
2°	4354.8
3°	4193.3
4°	3950.1
5°	3633.0
6°	3274.3
7°	2874.7
8°	2507.6
9°	2118.4
10°	1758.9
11°	1403.1
12°	1079.5
13°	830.3
14°	657.3
15°	528.0
17.5°	327.3
20°	217.5
22.5°	146.5
25°	94.9
27.5°	56.2
30°	35.3
32.5°	23.8
35°	15.4
37.5°	8.6
40°	4.5
42.5°	2.5
45°	1.6
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):

0°
90° | 0.0

(END OF REPORT)