

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: P1280891

Luminaire Tested: P3AS05R15B2750DE010 E3DL1MW_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1280891
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R15B2750DE010 E3DL1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 80CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

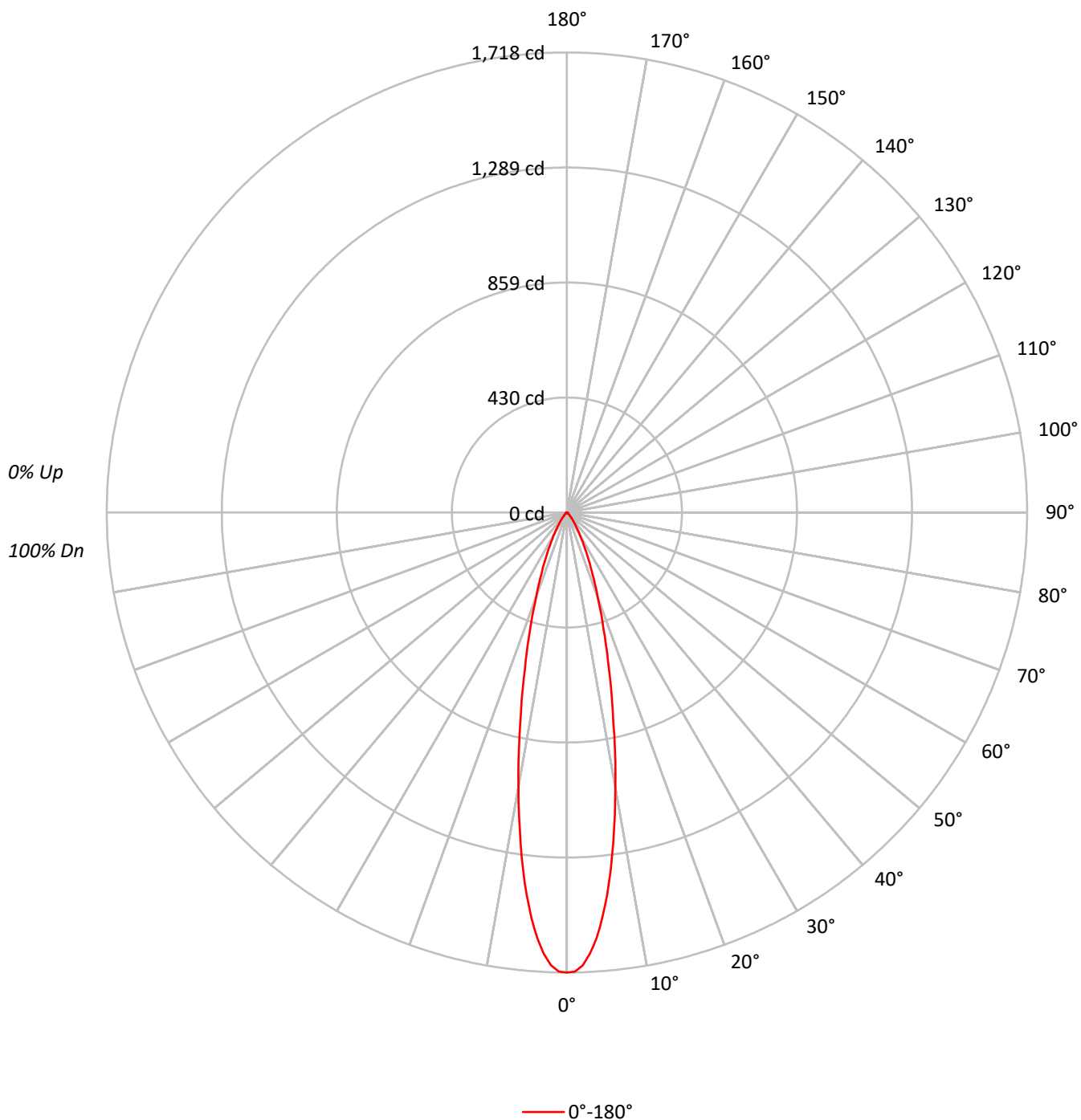
Lumens per Lamp: N/A
Luminaire Lumens: 440.9 lumens
Efficiency: N/A
Efficacy: 74.7 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				20				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0				0				0
RCR																													
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100											100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95											95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91											91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	87											87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	83											83
5	98	92	87	84	97	91	87	83	89	86	83	88	84	82	86	83	81	80											80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77											77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74											74
8	89	81	77	74	88	81	77	73	80	76	73	79	76	73	78	75	73	72											72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69											69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67											67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	376724
5°	334404
10°	232238
15°	137345
20°	78220
25°	44712
30°	24738
35°	13197
40°	7299
45°	3938
50°	2456
55°	1950
60°	1667
65°	1557
70°	1346
75°	1440
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3938 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.2	29.3
10°-20°	170.5	38.7
20°-30°	87.8	19.9
30°-40°	33.0	7.5
40°-50°	10.8	2.4
50°-60°	4.6	1.0
60°-70°	2.9	0.7
70°-80°	1.7	0.4
80°-90°	0.4	0.1
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°	387.5	87.9
0°-40°	420.4	95.4
0°-60°	435.8	98.8
0°-90°	440.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	440.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1718	
5°	1519	129
15°	605	171
25°	185	88
35°	49	33
45°	13	11
55°	5	5
65°	3	3
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1718.0
1°	1714.6
2°	1692.1
3°	1649.2
4°	1592.7
5°	1519.2
6°	1435.9
7°	1344.6
8°	1243.1
9°	1142.8
10°	1043.0
12.5°	802.5
15°	605.0
17.5°	452.9
20°	335.2
22.5°	250.2
25°	184.8
27.5°	134.7
30°	97.7
32.5°	69.2
35°	49.3
37.5°	35.3
40°	25.5
42.5°	18.3
45°	12.7
47.5°	9.3
50°	7.2
52.5°	5.9
55°	5.1
57.5°	4.2
60°	3.8
62.5°	3.4
65°	3.0
67.5°	2.5
70°	2.1
72.5°	2.1
75°	1.7
77.5°	1.3
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.0
90°	0.0

(END OF REPORT)