

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: P1280898

Luminaire Tested: P3AS05R15B2750DE010 E3DL1WMH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1280898
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 E3DL1WMH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

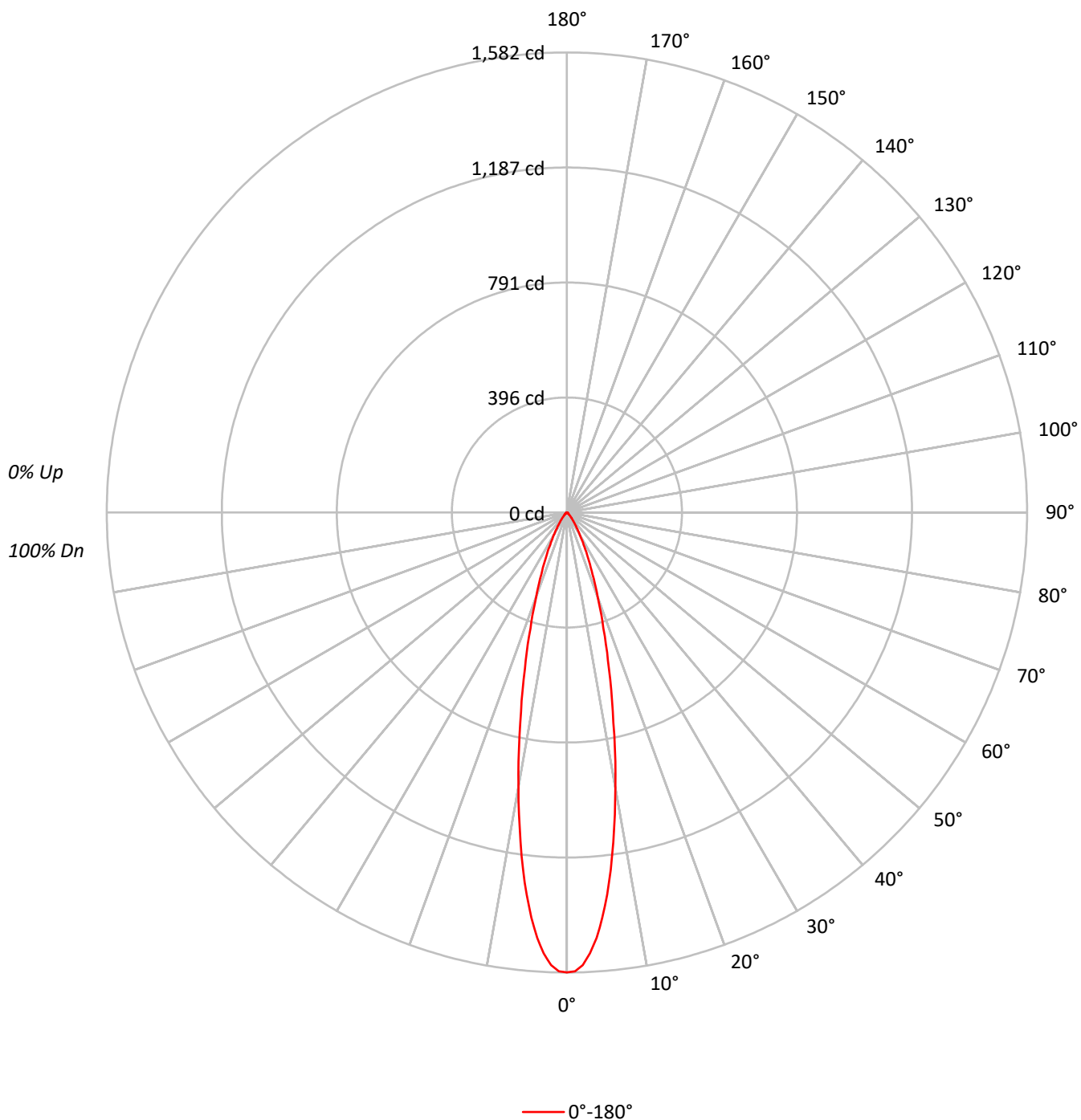
Lumens per Lamp: N/A
Luminaire Lumens: 406.0 lumens
Efficiency: N/A
Efficacy: 68.8 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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	99	98	97	95	91	87	83	80	77	74	72
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	91	87	83	80	77	74	72	69	67	65	63
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91	87	83	80	77	74	72	69	67	65	63	61
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	87	83	80	77	74	72	69	67	65	63	61	59
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	83	80	77	74	72	69	67	65	63	61	59	57
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	80	77	74	72	69	67	65	63	61	59	57	55
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77	74	72	69	67	65	63	61	59	57	55	53
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74	72	69	67	65	63	61	59	57	55	53	51
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	72	69	67	65	63	61	59	57	55	53	51	49
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69	67	65	63	61	59	57	55	53	51	49	47
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67	65	63	61	59	57	55	53	51	49	47	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	346836
5°	307857
10°	213801
15°	126425
20°	72013
25°	41156
30°	22788
35°	12153
40°	6727
45°	3628
50°	2252
55°	1797
60°	1535
65°	1401
70°	1282
75°	1356
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3628 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.9	29.3
10°-20°	157.0	38.7
20°-30°	80.8	19.9
30°-40°	30.4	7.5
40°-50°	9.9	2.4
50°-60°	4.3	1.1
60°-70°	2.7	0.7
70°-80°	1.6	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°	356.7	87.9
0°-40°	387.1	95.3
0°-60°	401.3	98.8
0°-90°	406.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	406.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1582	
5°	1399	119
15°	557	157
25°	170	81
35°	45	30
45°	12	10
55°	5	4
65°	3	3
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1581.7
1°	1578.5
2°	1557.8
3°	1518.3
4°	1466.3
5°	1398.6
6°	1322.0
7°	1237.9
8°	1144.4
9°	1052.1
10°	960.2
12.5°	738.8
15°	556.9
17.5°	416.9
20°	308.6
22.5°	230.4
25°	170.1
27.5°	124.0
30°	90.0
32.5°	63.8
35°	45.4
37.5°	32.5
40°	23.5
42.5°	16.8
45°	11.7
47.5°	8.6
50°	6.6
52.5°	5.5
55°	4.7
57.5°	3.9
60°	3.5
62.5°	3.1
65°	2.7
67.5°	2.3
70°	2.0
72.5°	2.0
75°	1.6
77.5°	1.2
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.0
90°	0.0

(END OF REPORT)