

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: P1299152

Luminaire Tested: P3A17R15W2N902750DE010 E3D1WMH_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299152
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: P3A17R15W2N902750DE010 E3D1WMH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,
E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

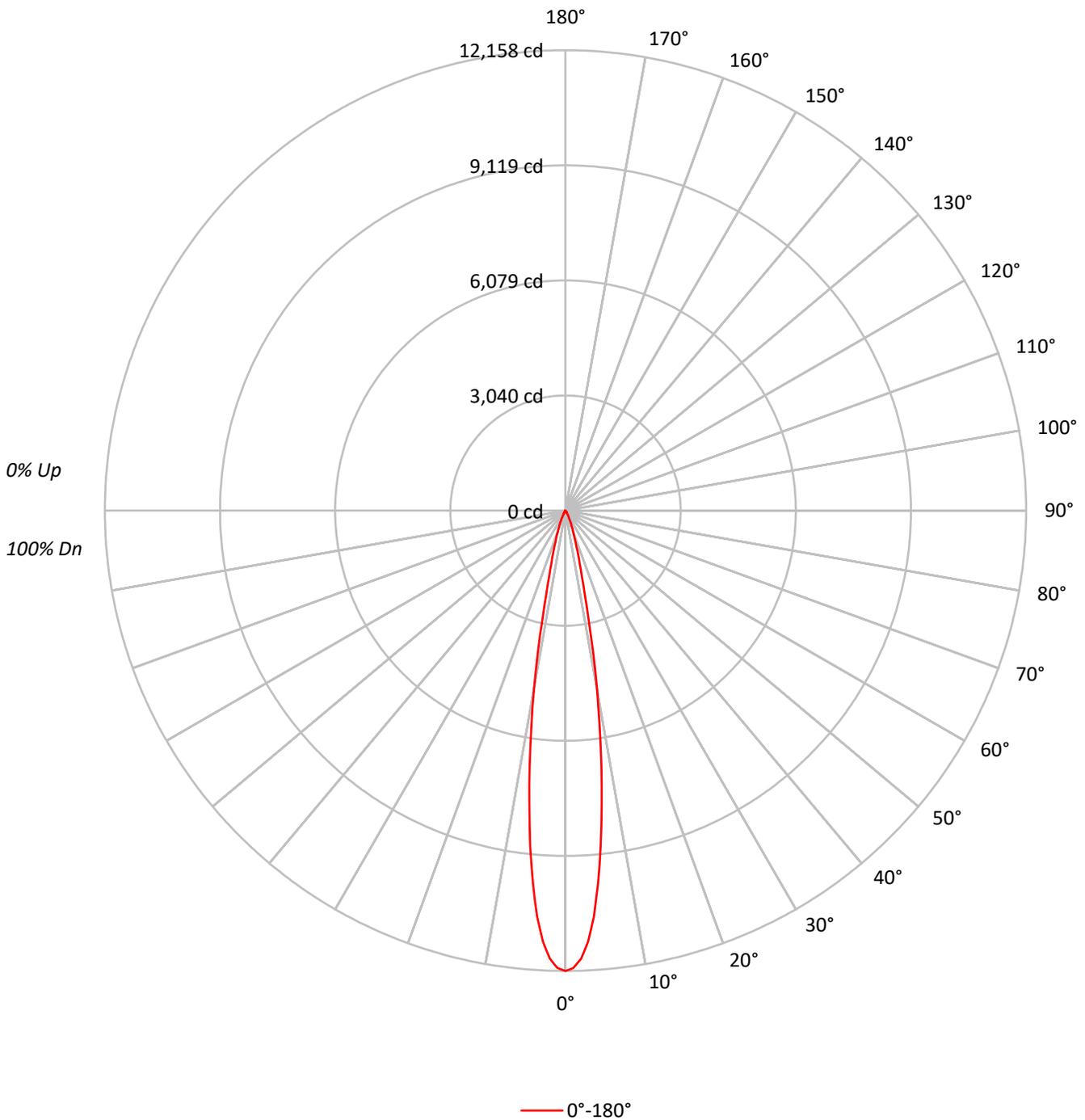
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1400.0 lumens
Efficiency: N/A
Efficacy: 72.2 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): 19.4
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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		100
1	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99	98		98
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97	96		96
3	110	106	102	100	108	104	102	99	102	100	98	100	98	96	98	96	95	94		94
4	107	102	99	96	106	101	98	96	99	97	95	98	96	94	96	94	93	92		92
5	105	100	96	94	103	99	96	93	97	94	92	96	93	92	94	93	91	90		90
6	102	97	94	91	101	96	93	91	95	92	90	94	92	90	93	91	89	88		88
7	100	95	91	89	99	94	91	89	93	90	88	92	90	88	91	89	88	87		87
8	98	93	89	87	97	92	89	87	91	89	87	91	88	86	90	88	86	85		85
9	96	91	88	85	96	91	87	85	90	87	85	89	87	85	89	86	85	84		84
10	95	89	86	84	94	89	86	84	88	85	83	88	85	83	87	85	83	82		82

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2665971
5°	2173910
10°	1064665
15°	325859
20°	138005
25°	62423
30°	24333
35°	11216
40°	3492
45°	1302
50°	546
55°	191
60°	219
65°	259
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1302 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	768.7	54.9
10°-20°	471.7	33.7
20°-30°	126.7	9.1
30°-40°	27.9	2.0
40°-50°	3.9	0.3
50°-60°	0.7	0.0
60°-70°	0.3	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°	1367.2	97.7
0°-40°	1395.1	99.6
0°-60°	1399.7	100.0
0°-90°	1400.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1400.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	12158	
5°	9876	769
15°	1435	472
25°	258	127
35°	42	28
45°	4	4
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	12157.8
1°	12081.8
2°	11838.2
3°	11399.2
4°	10738.2
5°	9876.1
6°	8900.9
7°	7814.8
8°	6816.8
9°	5758.8
10°	4781.5
11°	3814.2
12°	2934.6
13°	2257.2
14°	1786.9
15°	1435.4
17.5°	889.7
20°	591.4
22.5°	398.1
25°	258.0
27.5°	152.9
30°	96.1
32.5°	64.8
35°	41.9
37.5°	23.4
40°	12.2
42.5°	6.9
45°	4.2
47.5°	2.7
50°	1.6
52.5°	1.1
55°	0.5
57.5°	0.5
60°	0.5
62.5°	0.5
65°	0.5
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)