

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: P1299791

Luminaire Tested: P3A17R25W2N902750DE010 E3D1WMH_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299791
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R25W2N902750DE010 E3D1WMH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

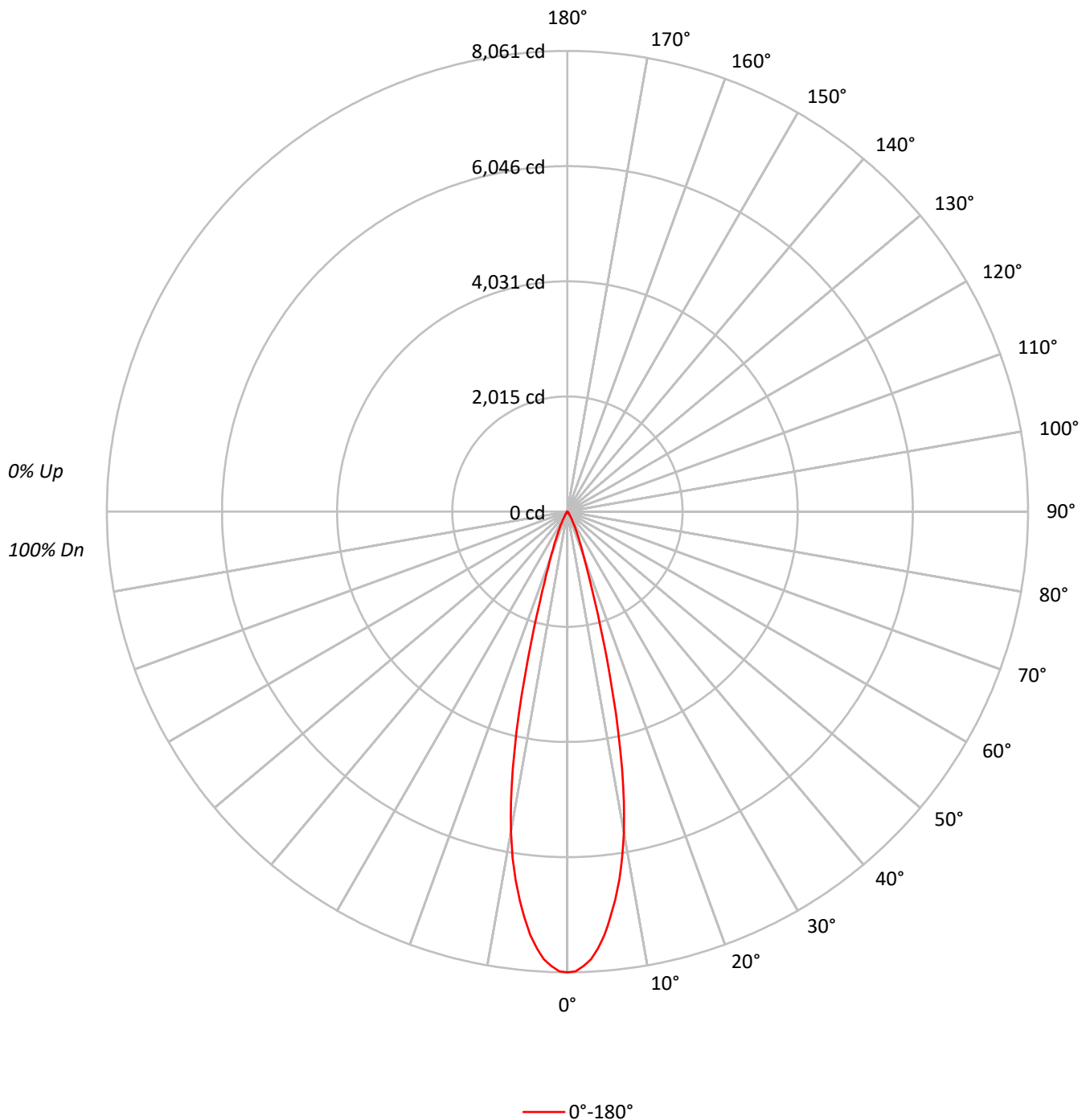
Lumens per Lamp: N/A
Luminaire Lumens: 1614.0 lumens
Efficiency: N/A
Efficacy: 83.2 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					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	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	99	99	97			
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94			
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92			
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90	89			
5	103	97	93	91	101	96	93	90	95	92	90	93	91	89	92	90	88	87			
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86	85			
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84	83			
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81			
9	93	87	83	81	92	86	83	80	86	83	80	85	82	80	84	82	80	79			
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78	77			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1767622
5°	1637460
10°	1266910
15°	605134
20°	199517
25°	84102
30°	32587
35°	14107
40°	4695
45°	2171
50°	785
55°	459
60°	263
65°	311
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2171 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	653.9	40.5
10°-20°	743.7	46.1
20°-30°	172.8	10.7
30°-40°	36.3	2.2
40°-50°	5.8	0.4
50°-60°	1.0	0.1
60°-70°	0.5	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°	1570.4	97.3
0°-40°	1606.7	99.5
0°-60°	1613.5	100.0
0°-90°	1614.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1614.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	8061	
5°	7439	654
15°	2666	744
25°	348	173
35°	53	36
45°	7	6
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	8061.0
1°	8044.7
2°	7961.0
3°	7843.4
4°	7663.7
5°	7439.0
6°	7150.5
7°	6848.5
8°	6509.7
9°	6127.6
10°	5689.8
11°	5182.5
12°	4600.2
13°	3962.3
14°	3295.2
15°	2665.6
16°	2108.5
17°	1642.6
18°	1292.1
19°	1033.5
20°	855.0
21°	714.5
22°	599.8
23°	500.9
24°	419.0
25°	347.6
27.5°	206.0
30°	128.7
32.5°	82.5
35°	52.7
37.5°	31.6
40°	16.4
42.5°	10.5
45°	7.0
47.5°	4.1
50°	2.3
52.5°	1.2
55°	1.2
57.5°	0.6
60°	0.6
62.5°	0.6
65°	0.6
67.5°	0.6
70°	0.0
72.5°	0.0



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CANDELA DISTRIBUTION (continued):

	0°
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)