

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: P1288406

Luminaire Tested: P3A05R25W2N902750DE010 E3D1WMH_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288406
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: P3A05R25W2N902750DE010 E3D1WMH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

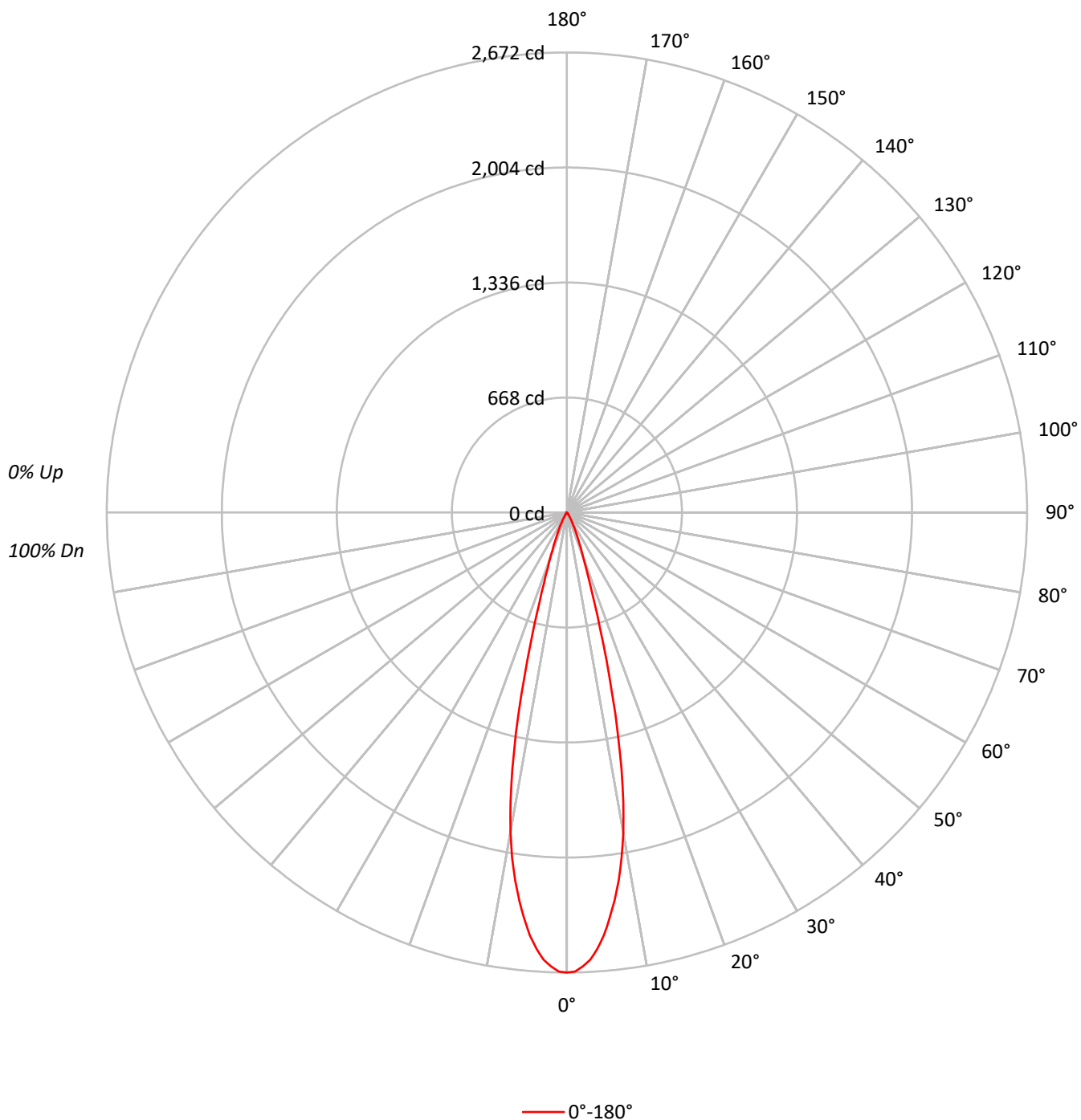
Lumens per Lamp: N/A
Luminaire Lumens: 535.0 lumens
Efficiency: N/A
Efficacy: 90.7 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	99	99
1	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	99	99	97	97	97
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	94	94
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90	89	89	89
5	103	97	93	91	101	96	93	90	95	92	90	93	91	89	92	90	88	87	87	87
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86	85	85	85
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84	83	83	83
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81	81	81
9	93	87	83	81	92	86	83	80	86	83	80	85	82	80	84	82	80	79	79	79
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78	77	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	585918
5°	542768
10°	419943
15°	200591
20°	66132
25°	27873
30°	10812
35°	4685
40°	1546
45°	713
50°	273
55°	153
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 713 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	216.7	40.5
10°-20°	246.5	46.1
20°-30°	57.3	10.7
30°-40°	12.0	2.2
40°-50°	1.9	0.4
50°-60°	0.3	0.1
60°-70°	0.2	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°	520.5	97.3
0°-40°	532.6	99.5
0°-60°	534.9	100.0
0°-90°	535.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	535.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2672	
5°	2466	217
15°	884	247
25°	115	57
35°	18	12
45°	2	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2672.0
1°	2666.6
2°	2638.9
3°	2599.9
4°	2540.3
5°	2465.8
6°	2370.2
7°	2270.1
8°	2157.8
9°	2031.1
10°	1886.0
11°	1717.9
12°	1524.9
13°	1313.4
14°	1092.3
15°	883.6
16°	698.9
17°	544.5
18°	428.3
19°	342.6
20°	283.4
21°	236.8
22°	198.8
23°	166.0
24°	138.9
25°	115.2
27.5°	68.3
30°	42.7
32.5°	27.4
35°	17.5
37.5°	10.5
40°	5.4
42.5°	3.5
45°	2.3
47.5°	1.4
50°	0.8
52.5°	0.4
55°	0.4
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2
67.5°	0.2
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)