

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: P1288435

Luminaire Tested: P3A05R25W2N902750DE010 E3DL1WMH\_2700K

Issue Date: 1/30/2026

**Test Information**

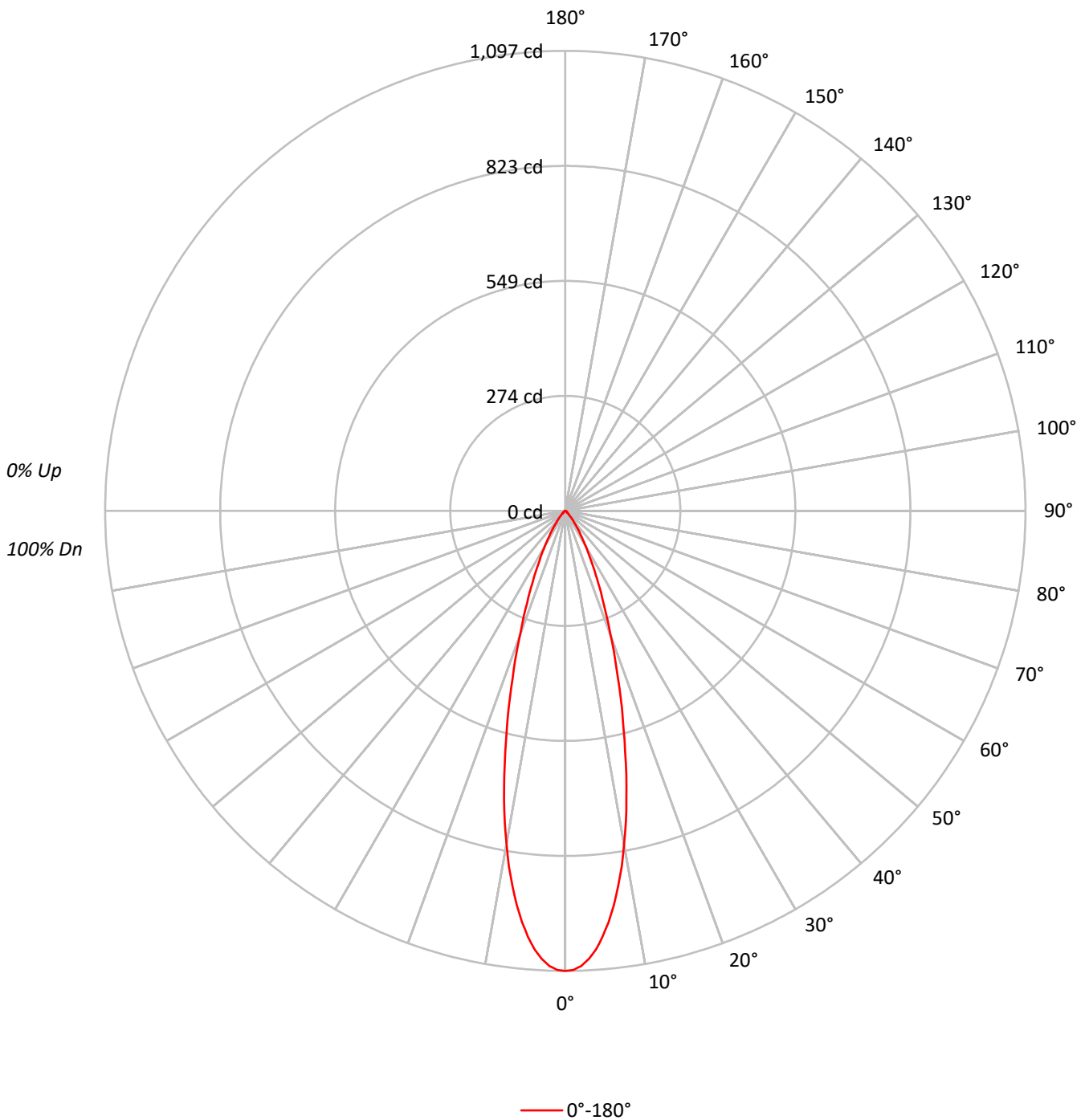
Test Method: LM-79-2019  
Report Number: P1288435  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R25W2N902750DE010 E3DL1WMH\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,  
E3DL1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 375.0 lumens  
Efficiency: N/A  
Efficacy: 63.6 lumens/watt  
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51  
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		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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97		95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92		90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87		86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83		82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79		78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76		75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73		72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70		69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67		66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65		64

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	240551
5°	224433
10°	179778
15°	122044
20°	73833
25°	43188
30°	24586
35°	13518
40°	7185
45°	3783
50°	2217
55°	1644
60°	1403
65°	1505
70°	1410
75°	1186
80°	884
85°	1006

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 3783 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	90.5	24.1
10°-20°	147.8	39.4
20°-30°	84.4	22.5
30°-40°	33.3	8.9
40°-50°	10.2	2.7
50°-60°	4.0	1.1
60°-70°	2.7	0.7
70°-80°	1.5	0.4
80°-90°	0.5	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°	322.7	86.1
0°-40°	356.0	94.9
0°-60°	370.3	98.7
0°-90°	375.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	375.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1097	
5°	1020	90
15°	538	148
25°	178	84
35°	50	33
45°	12	10
55°	4	4
65°	3	3
75°	1	2
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1097.0
1°	1094.8
2°	1085.9
3°	1070.1
4°	1048.2
5°	1019.6
6°	985.9
7°	947.9
8°	903.8
9°	858.7
10°	807.4
11°	756.9
12°	701.3
13°	646.5
14°	590.2
15°	537.6
17.5°	416.8
20°	316.4
22.5°	237.6
25°	178.5
27.5°	132.2
30°	97.1
32.5°	70.2
35°	50.5
37.5°	35.8
40°	25.1
42.5°	17.2
45°	12.2
47.5°	8.6
50°	6.5
52.5°	5.0
55°	4.3
57.5°	3.9
60°	3.2
62.5°	2.9
65°	2.9
67.5°	2.5
70°	2.2
72.5°	1.8
75°	1.4
77.5°	1.1
80°	0.7
82.5°	0.7
85°	0.4
87.5°	0.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)