

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: P1292643

Luminaire Tested: P3AS09R30W2N902750DE010 E3DLP1WMH\_3000K

Issue Date: 1/30/2026

**Test Information**

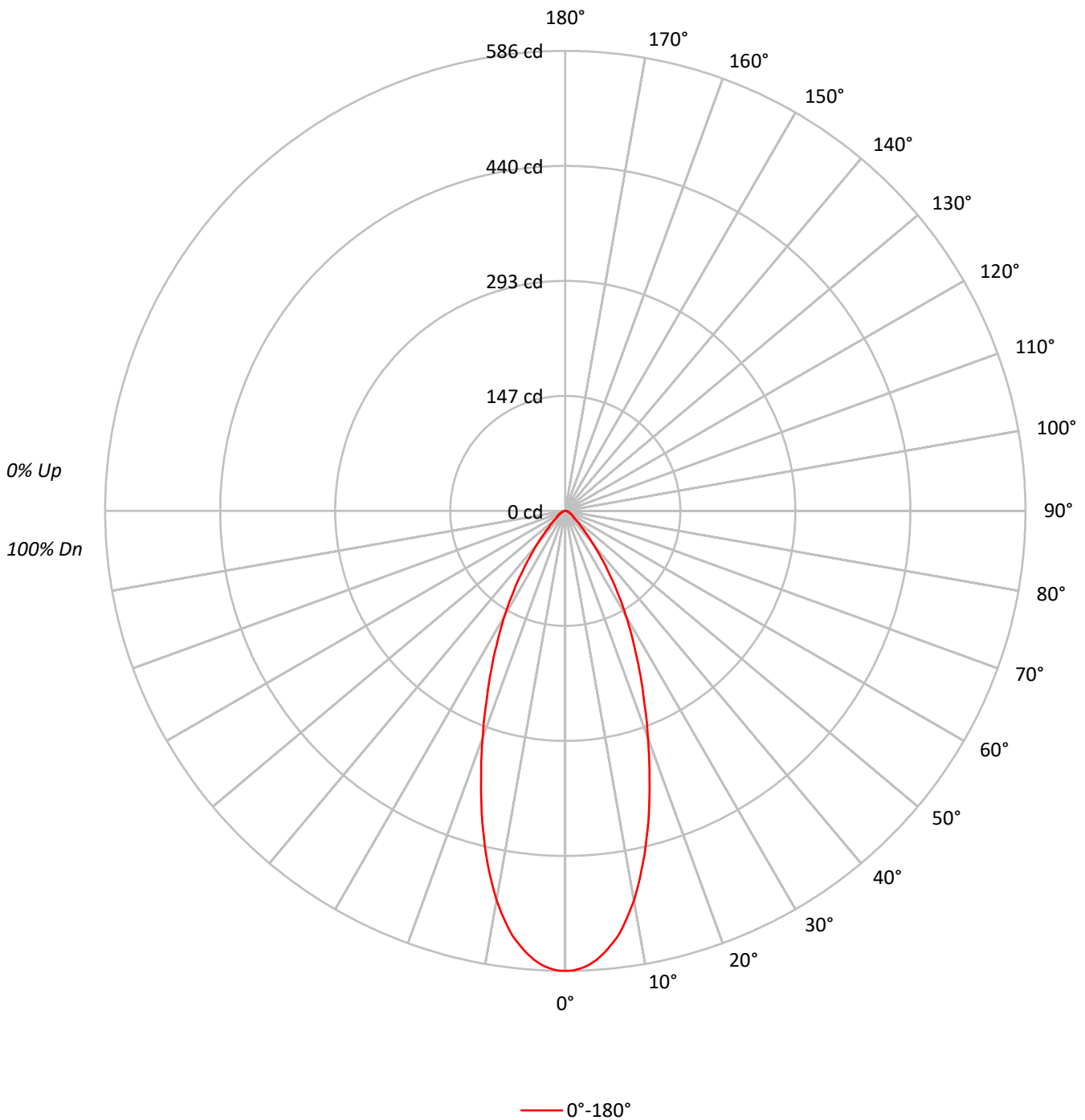
Test Method: LM-79-2019  
Report Number: P1292643  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R30W2N902750DE010 E3DLP1WMH\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,  
E3DLP1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 376.0 lumens  
Efficiency: N/A  
Efficacy: 41.8 lumens/watt  
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86			86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80			80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74			74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70			70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65			65
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61			61
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58			58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55			55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	52			52

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

	0°
0°	128477
5°	124477
10°	112156
15°	92781
20°	71826
25°	53882
30°	39120
35°	26073
40°	16030
45°	9396
50°	5765
55°	4664
60°	4079
65°	3321
70°	3013
75°	2965
80°	2147
85°	3019

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 9396 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	52.0	13.8
10°-20°	112.6	29.9
20°-30°	102.4	27.2
30°-40°	61.9	16.5
40°-50°	24.8	6.6
50°-60°	11.0	2.9
60°-70°	6.6	1.8
70°-80°	3.6	1.0
80°-90°	1.0	0.3
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°	267.0	71.0
0°-40°	328.9	87.5
0°-60°	364.7	97.0
0°-90°	376.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	376.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	586	
5°	566	52
15°	409	113
25°	223	102
35°	97	62
45°	30	25
55°	12	11
65°	6	7
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

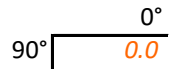
0°	
0°	585.9
1°	585.4
2°	583.0
3°	578.9
4°	573.1
5°	565.5
6°	556.2
7°	546.3
8°	533.5
9°	518.9
10°	503.7
11°	486.2
12°	467.6
13°	448.9
14°	428.5
15°	408.7
17.5°	356.8
20°	307.8
22.5°	262.4
25°	222.7
27.5°	186.6
30°	154.5
32.5°	124.8
35°	97.4
37.5°	74.6
40°	56.0
42.5°	40.8
45°	30.3
47.5°	22.7
50°	16.9
52.5°	13.4
55°	12.2
57.5°	10.5
60°	9.3
62.5°	7.6
65°	6.4
67.5°	5.8
70°	4.7
72.5°	4.1
75°	3.5
77.5°	2.9
80°	1.7
82.5°	1.2
85°	1.2
87.5°	0.6



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)