

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: P1293394

Luminaire Tested: P3AS09R40W2N902765DE010 E3DL1MW\_4000K

Issue Date: 1/30/2026

**Test Information**

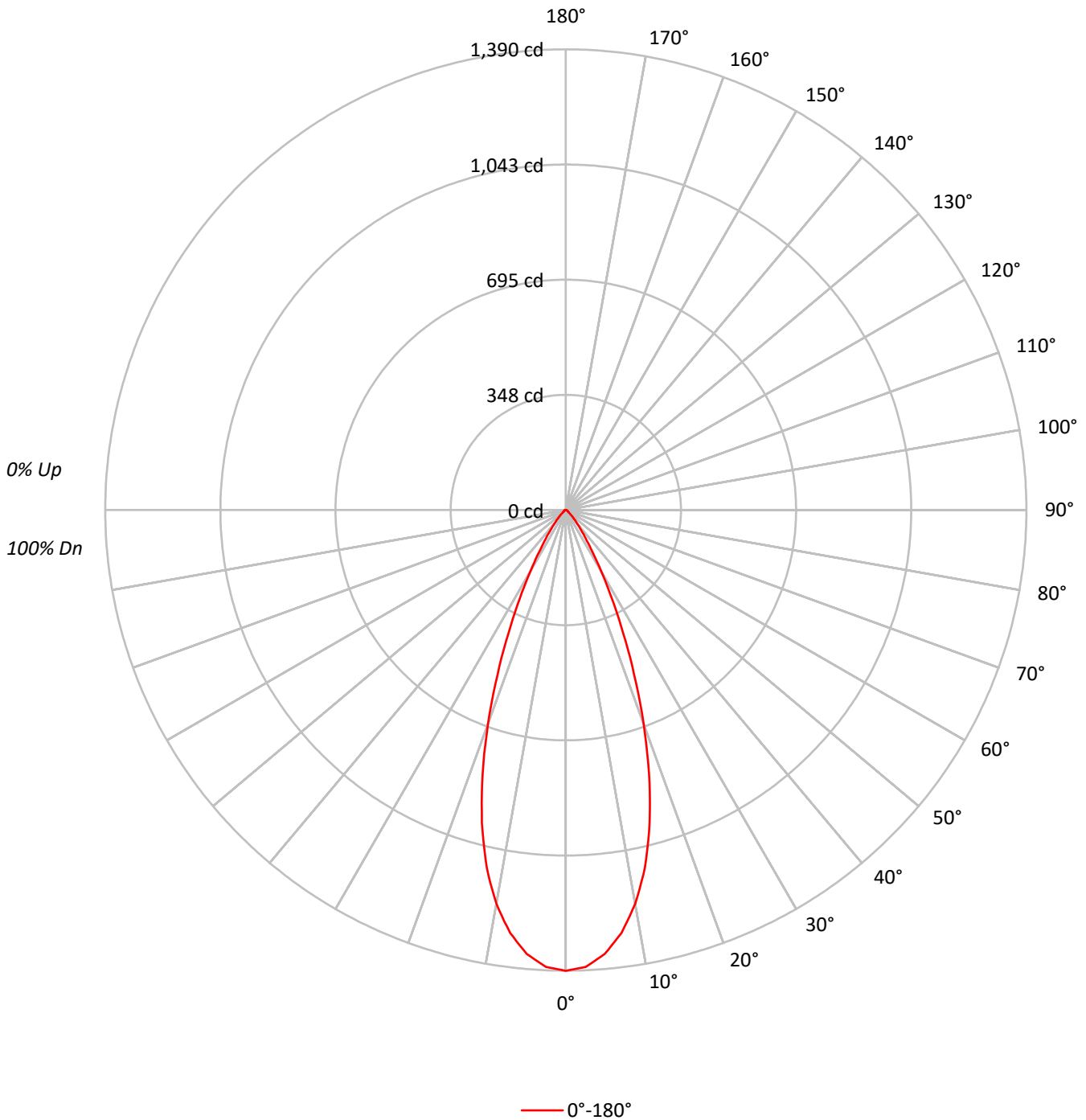
Test Method: LM-79-2019  
Report Number: P1293394  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R40W2N902765DE010 E3DL1MW\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 4000K CCT AND, 90CRI ,  
E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 689.0 lumens  
Efficiency: N/A  
Efficacy: 76.6 lumens/watt  
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63  
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				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	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	94				94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89				89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	84				84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	80				80
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	76				76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	72				72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	69				69
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	65				65
9	82	73	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	63				63
10	78	70	65	62	78	70	65	61	69	64	61	68	64	61	67	64	61	60				60

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

	0°
0°	304888
5°	296015
10°	268621
15°	221931
20°	160081
25°	99006
30°	53603
35°	27706
40°	15057
45°	8435
50°	4230
55°	3173
60°	2851
65°	2750
70°	2629
75°	2542
80°	2273
85°	1510

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 8435 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	124.0	18.0
10°-20°	266.2	38.6
20°-30°	190.0	27.6
30°-40°	69.9	10.1
40°-50°	22.0	3.2
50°-60°	7.7	1.1
60°-70°	5.2	0.8
70°-80°	3.1	0.5
80°-90°	0.9	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°	580.1	84.2
0°-40°	650.0	94.3
0°-60°	679.7	98.7
0°-90°	689.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	689.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1390	
5°	1345	124
15°	978	266
25°	409	190
35°	104	70
45°	27	22
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1390.4
2.5°	1379.7
5°	1344.8
7.5°	1286.9
10°	1206.4
12.5°	1104.1
15°	977.6
17.5°	835.6
20°	686.0
22.5°	538.8
25°	409.2
27.5°	300.4
30°	211.7
32.5°	148.4
35°	103.5
37.5°	73.3
40°	52.6
42.5°	37.8
45°	27.2
47.5°	18.3
50°	12.4
52.5°	8.9
55°	8.3
57.5°	7.7
60°	6.5
62.5°	5.9
65°	5.3
67.5°	4.7
70°	4.1
72.5°	3.5
75°	3.0
77.5°	2.4
80°	1.8
82.5°	1.2
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)