

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: P1256247

Luminaire Tested: P3AS02R409040DE010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1256247  
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: P3AS02R409040DE010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

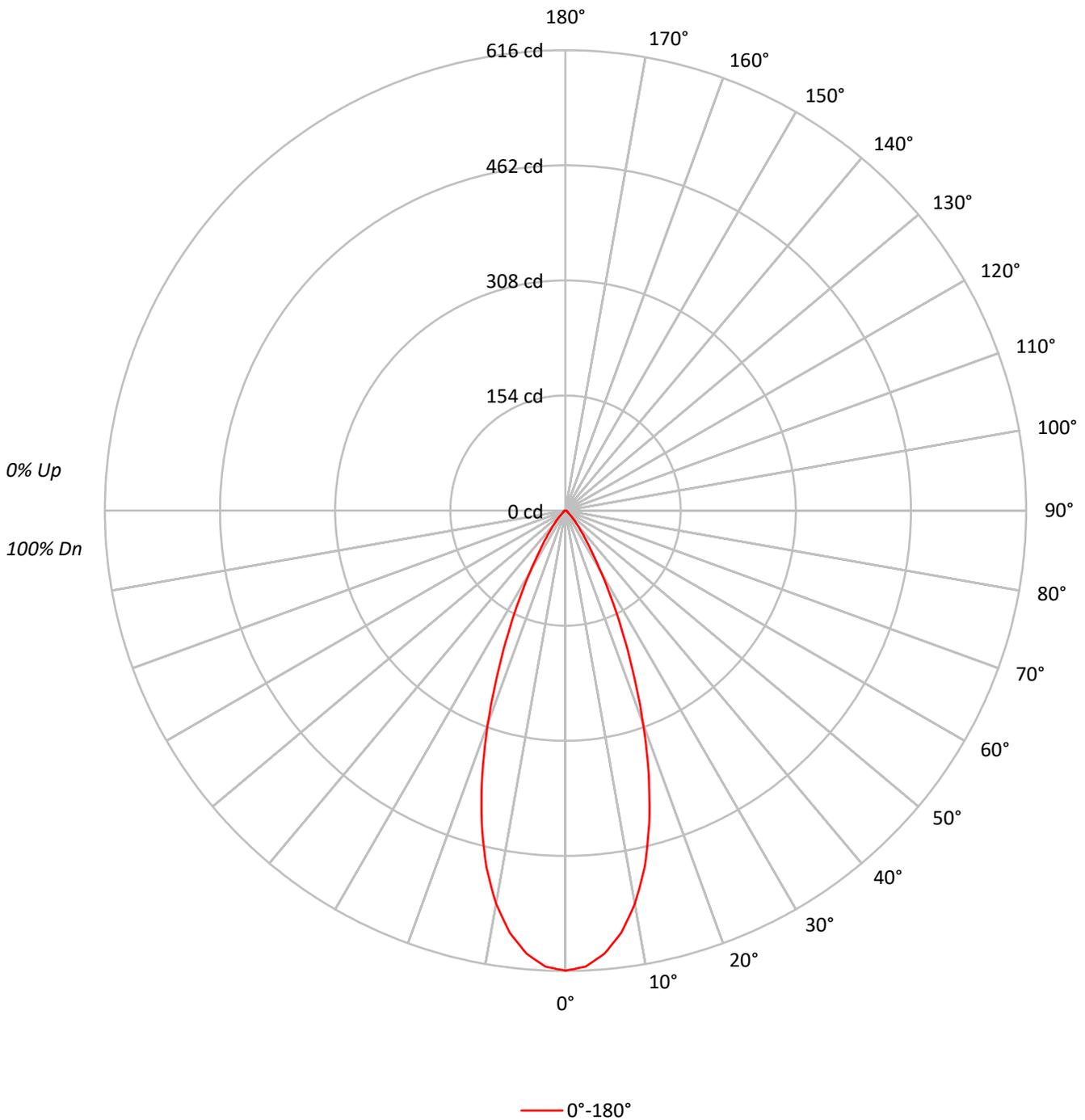
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 305.0 lumens  
Efficiency: N/A  
Efficacy: 84.7 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): 3.6  
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	102	102	102	100
1	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	96	96	96	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	91	91	91	89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	86	86	86	84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	81	81	81	80
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	77	77	77	76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	73	73	73	72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	70	70	70	69
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	67	67	67	65
9	82	73	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	64	64	64	63
10	78	70	65	62	78	70	65	61	69	64	61	68	64	61	67	64	61	61	61	61	60

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

	0°
0°	134967
5°	131036
10°	118925
15°	98230
20°	70869
25°	43841
30°	23725
35°	12260
40°	6670
45°	3721
50°	1876
55°	1415
60°	1272
65°	1245
70°	1154
75°	1101
80°	1010
85°	755

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 3721 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	54.9	18.0
10°-20°	117.8	38.6
20°-30°	84.1	27.6
30°-40°	31.0	10.1
40°-50°	9.7	3.2
50°-60°	3.4	1.1
60°-70°	2.3	0.8
70°-80°	1.4	0.4
80°-90°	0.4	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°	256.8	84.2
0°-40°	287.8	94.3
0°-60°	300.9	98.7
0°-90°	305.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	305.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	616	
5°	595	55
15°	433	118
25°	181	84
35°	46	31
45°	12	10
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	615.5
2.5°	610.8
5°	595.3
7.5°	569.7
10°	534.1
12.5°	488.8
15°	432.7
17.5°	369.9
20°	303.7
22.5°	238.5
25°	181.2
27.5°	133.0
30°	93.7
32.5°	65.7
35°	45.8
37.5°	32.5
40°	23.3
42.5°	16.8
45°	12.0
47.5°	8.1
50°	5.5
52.5°	3.9
55°	3.7
57.5°	3.4
60°	2.9
62.5°	2.6
65°	2.4
67.5°	2.1
70°	1.8
72.5°	1.6
75°	1.3
77.5°	1.0
80°	0.8
82.5°	0.5
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)