

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: P1262744

Luminaire Tested: P3AS13R409727DE010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

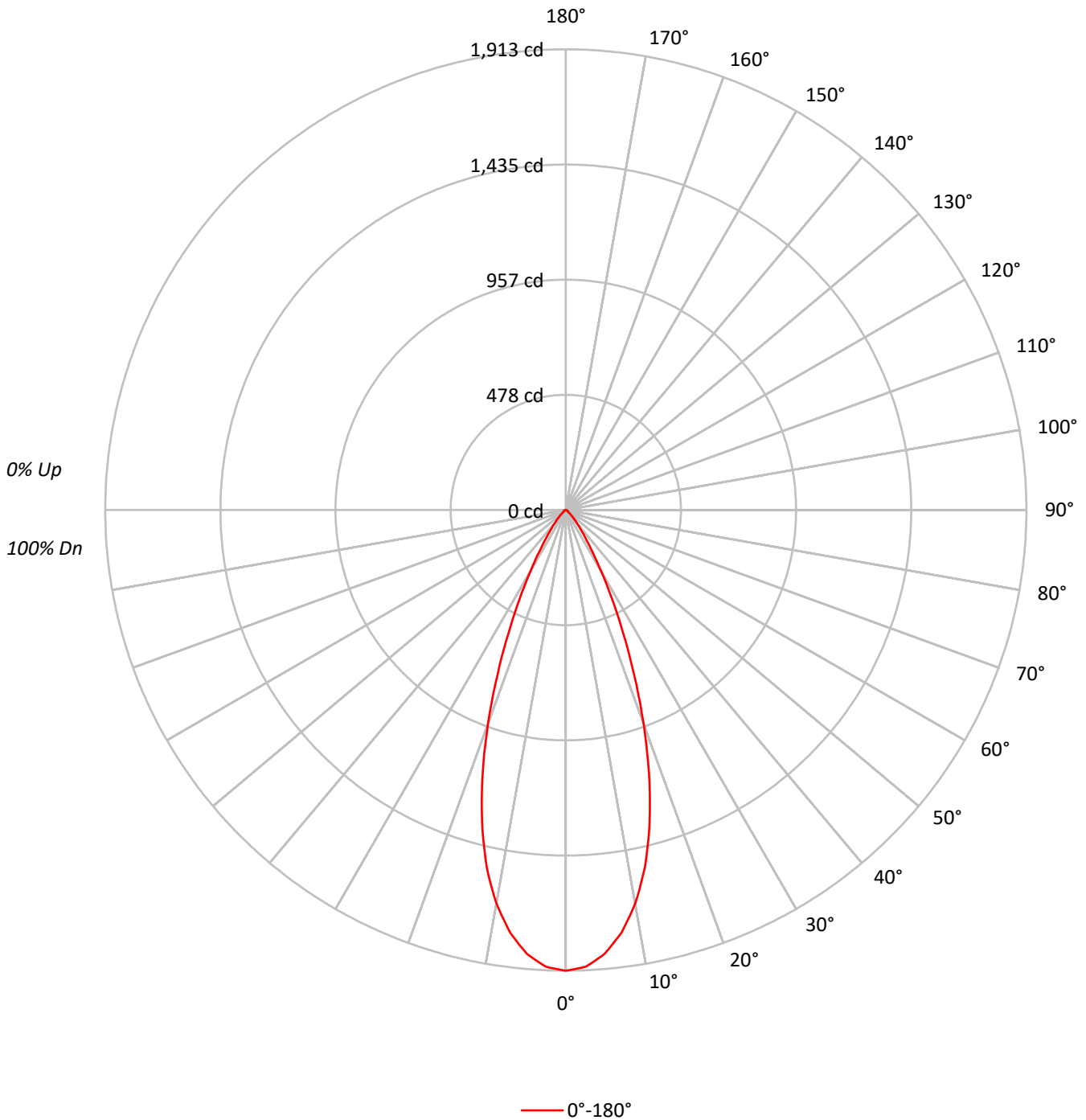
Test Method: LM-79-2019  
Report Number: P1262744  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R409727DE010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 97CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 948.0 lumens  
Efficiency: N/A  
Efficacy: 64.9 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): 14.6  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	80
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	69
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	65
9	82	73	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	63
10	78	70	65	62	78	70	65	61	69	64	61	68	64	61	67	64	61	60

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

	0°	
0°	419484	
5°	407285	
10°	369599	
15°	305337	
20°	220262	
25°	136242	
30°	73758	
35°	38119	
40°	20725	
45°	11598	
50°	5833	
55°	4358	
60°	3947	
65°	3788	
70°	3654	
75°	3474	
80°	3031	
85°	2013	

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 11598 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	170.6	18.0
10°-20°	366.3	38.6
20°-30°	261.4	27.6
30°-40°	96.2	10.1
40°-50°	30.3	3.2
50°-60°	10.5	1.1
60°-70°	7.2	0.8
70°-80°	4.3	0.5
80°-90°	1.2	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°	798.2	84.2
0°-40°	894.4	94.3
0°-60°	935.3	98.7
0°-90°	948.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	948.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1913	
5°	1850	171
15°	1345	366
25°	563	261
35°	142	96
45°	37	30
55°	11	11
65°	7	7
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1913.0
2.5°	1898.4
5°	1850.3
7.5°	1770.6
10°	1659.9
12.5°	1519.2
15°	1345.0
17.5°	1149.8
20°	943.9
22.5°	741.3
25°	563.1
27.5°	413.4
30°	291.3
32.5°	204.2
35°	142.4
37.5°	100.9
40°	72.4
42.5°	52.1
45°	37.4
47.5°	25.2
50°	17.1
52.5°	12.2
55°	11.4
57.5°	10.6
60°	9.0
62.5°	8.1
65°	7.3
67.5°	6.5
70°	5.7
72.5°	4.9
75°	4.1
77.5°	3.3
80°	2.4
82.5°	1.6
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)