

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: P1268470

Luminaire Tested: P3A02R109740DE010 E3DL1LI

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1268470  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A02R109740DE010 E3DL1LI  
Description: 3in Adjustable LED luminaire with, R10 optic, 4000K CCT AND, 97CRI , E3DL1LI TRIM  
Light Source: -  
Ballast/Driver: -

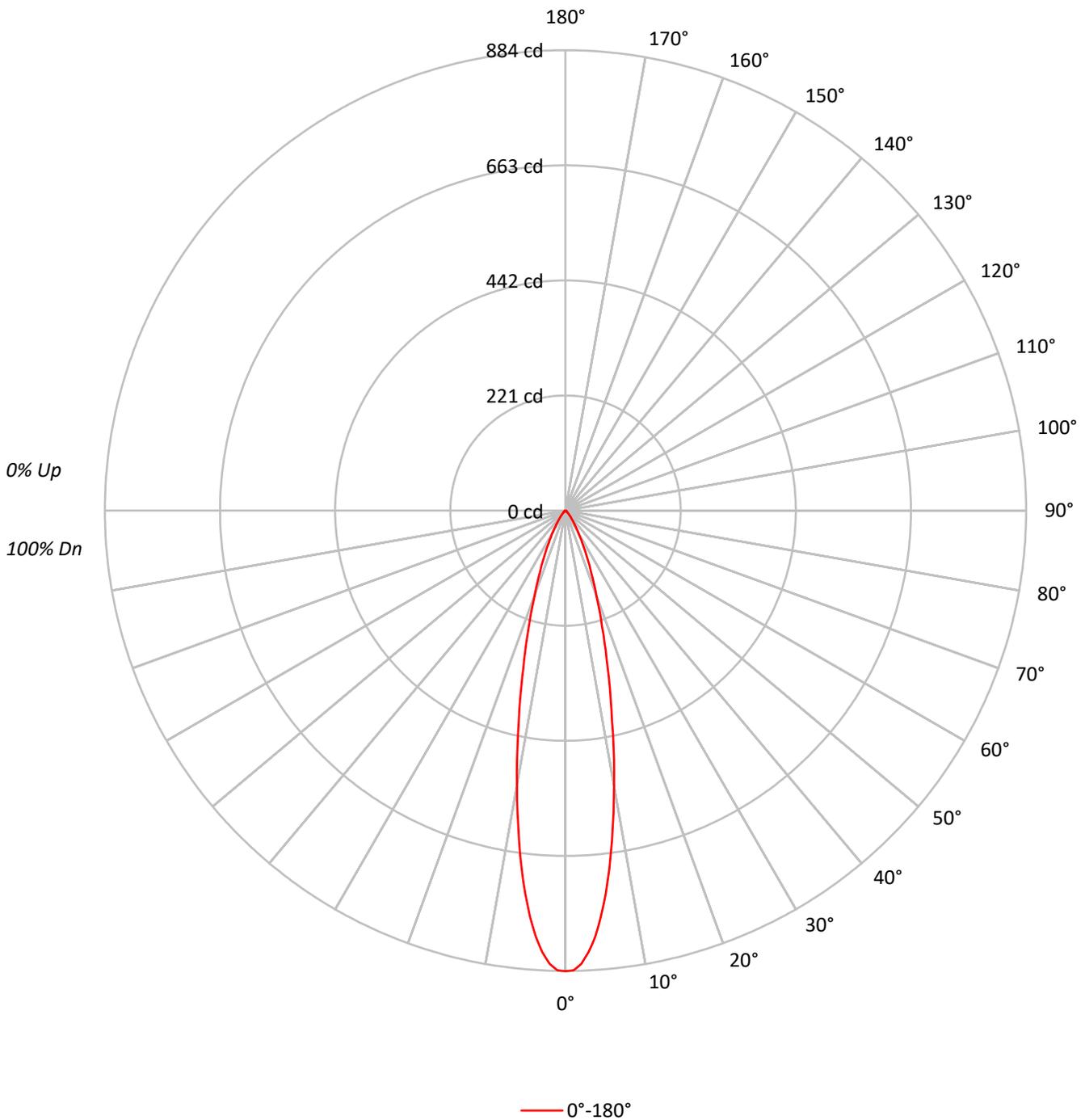
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 227.0 lumens  
Efficiency: N/A  
Efficacy: 59.7 lumens/watt  
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 3.8  
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	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	96	94	93	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	92	90	88	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	89	87	85	83
5	98	92	87	84	97	91	87	83	89	86	83	88	84	82	86	83	81	86	83	81	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	83	80	78	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	81	78	75	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	78	75	73	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	76	73	70	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	74	70	68	67

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

	0°
0°	193910
5°	172133
10°	119548
15°	70693
20°	40253
25°	23009
30°	12736
35°	6799
40°	3750
45°	2047
50°	1262
55°	994
60°	877
65°	778
70°	705
75°	763
80°	505
85°	503

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2047 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	66.5	29.3
10°-20°	87.8	38.7
20°-30°	45.2	19.9
30°-40°	17.0	7.5
40°-50°	5.6	2.4
50°-60°	2.4	1.1
60°-70°	1.5	0.7
70°-80°	0.9	0.4
80°-90°	0.2	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°	199.4	87.9
0°-40°	216.4	95.3
0°-60°	224.4	98.8
0°-90°	227.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	227.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	884	
5°	782	66
15°	311	88
25°	95	45
35°	25	17
45°	7	6
55°	3	2
65°	2	1
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	884.3
1°	882.6
2°	871.0
3°	848.9
4°	819.8
5°	782.0
6°	739.1
7°	692.1
8°	639.9
9°	588.2
10°	536.9
12.5°	413.1
15°	311.4
17.5°	233.1
20°	172.5
22.5°	128.8
25°	95.1
27.5°	69.3
30°	50.3
32.5°	35.6
35°	25.4
37.5°	18.2
40°	13.1
42.5°	9.4
45°	6.6
47.5°	4.8
50°	3.7
52.5°	3.1
55°	2.6
57.5°	2.2
60°	2.0
62.5°	1.7
65°	1.5
67.5°	1.3
70°	1.1
72.5°	1.1
75°	0.9
77.5°	0.7
80°	0.4
82.5°	0.4
85°	0.2
87.5°	0.0
90°	0.0

(END OF REPORT)