

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: P1264651

Luminaire Tested: P3A09R309730DE010 E3DL1LI

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1264651  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A09R309730DE010 E3DL1LI  
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DL1LI TRIM  
Light Source: -  
Ballast/Driver: -

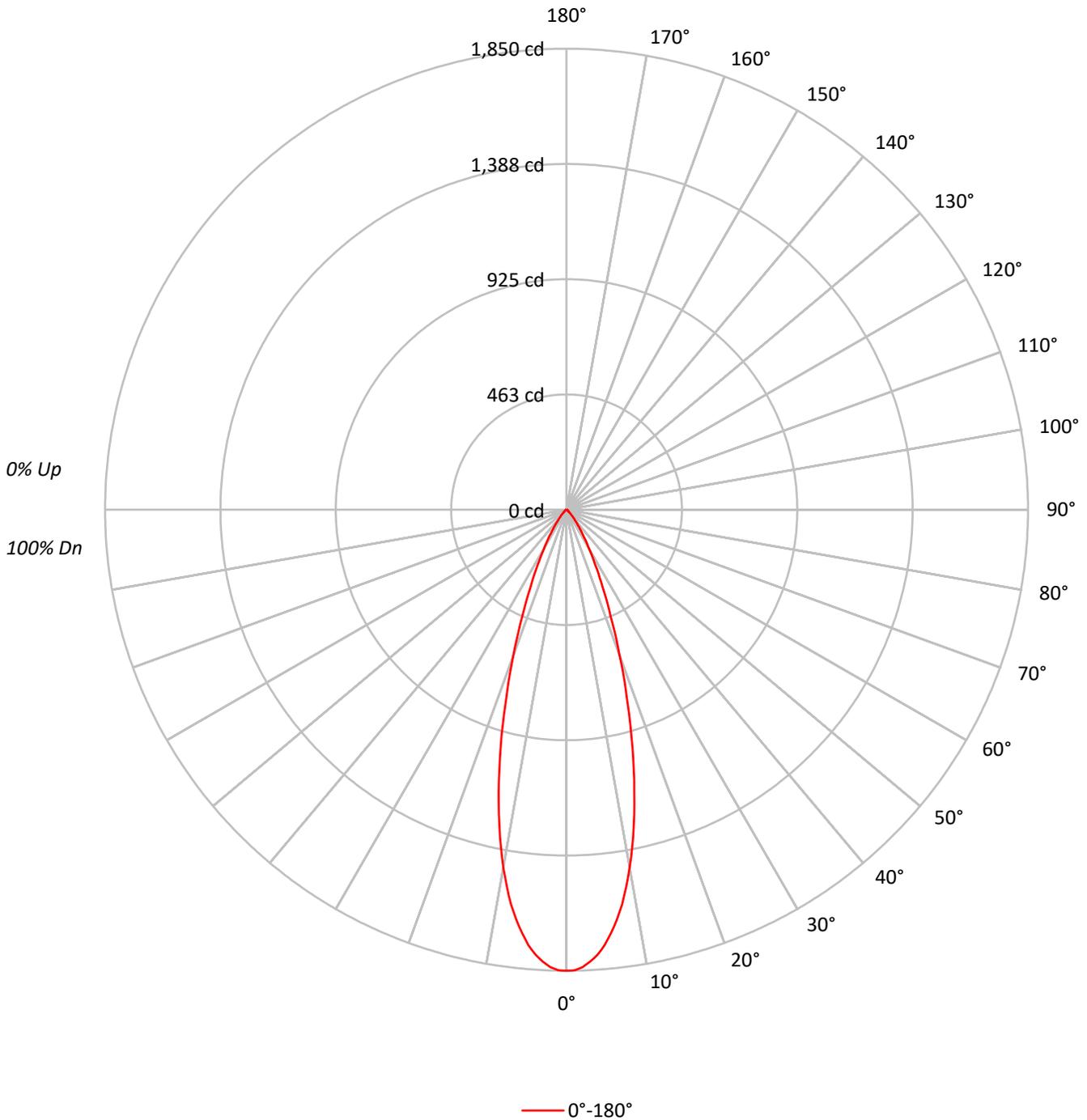
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 695.1 lumens  
Efficiency: N/A  
Efficacy: 62.6 lumens/watt  
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 11.1  
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

TEST NUMBER: P1264651  
CATALOG NUMBER: P3A09R309730DE010 E3DL1LI

### Luminous Intensity Polar Plot





TEST NUMBER: P1264651

CATALOG NUMBER: P3A09R309730DE010 E3DL1LI

**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	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	93	92	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	89	87	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	88	85	83	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	86	83	81	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	85	82	79	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	81	78	76	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	78	75	73	71	78	75	73	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	76	72	70	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	71	67	65	63

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

	0°
0°	405560
5°	385999
10°	324688
15°	234144
20°	145239
25°	82602
30°	45880
35°	24949
40°	13168
45°	7133
50°	3821
55°	2523
60°	2324
65°	2387
70°	2116
75°	1694
80°	1642
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 7133 cd/sqm



TEST NUMBER: P1264651

CATALOG NUMBER: P3A09R309730DE010 E3DL1LI

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	157.9	22.7
10°-20°	280.7	40.4
20°-30°	162.2	23.3
30°-40°	61.6	8.9
40°-50°	18.9	2.7
50°-60°	6.4	0.9
60°-70°	4.3	0.6
70°-80°	2.3	0.3
80°-90°	0.7	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°	600.8	86.4
0°-40°	662.4	95.3
0°-60°	687.7	98.9
0°-90°	695.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	695.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1850	
5°	1754	158
15°	1031	281
25°	341	162
35°	93	62
45°	23	19
55°	7	6
65°	5	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1264651

CATALOG NUMBER: P3A09R309730DE010 E3DL1LI

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1849.5
1°	1848.2
2°	1837.0
3°	1816.0
4°	1789.7
5°	1753.6
6°	1707.7
7°	1656.5
8°	1599.3
9°	1531.1
10°	1458.2
11°	1379.4
12°	1296.0
13°	1208.7
14°	1120.1
15°	1031.4
17.5°	813.5
20°	622.4
22.5°	461.5
25°	341.4
27.5°	248.2
30°	181.2
32.5°	130.7
35°	93.2
37.5°	65.0
40°	46.0
42.5°	32.2
45°	23.0
47.5°	15.8
50°	11.2
52.5°	7.9
55°	6.6
57.5°	5.9
60°	5.3
62.5°	4.6
65°	4.6
67.5°	3.9
70°	3.3
72.5°	2.6
75°	2.0
77.5°	2.0
80°	1.3
82.5°	1.3
85°	0.7
87.5°	0.0



TEST NUMBER: P1264651  
CATALOG NUMBER: P3A09R309730DE010 E3DL1LI

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)