

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: P1255832

Luminaire Tested: P3A24R459035D010 E3DLP1LI

Issue Date: 1/30/2026

**Test Information**

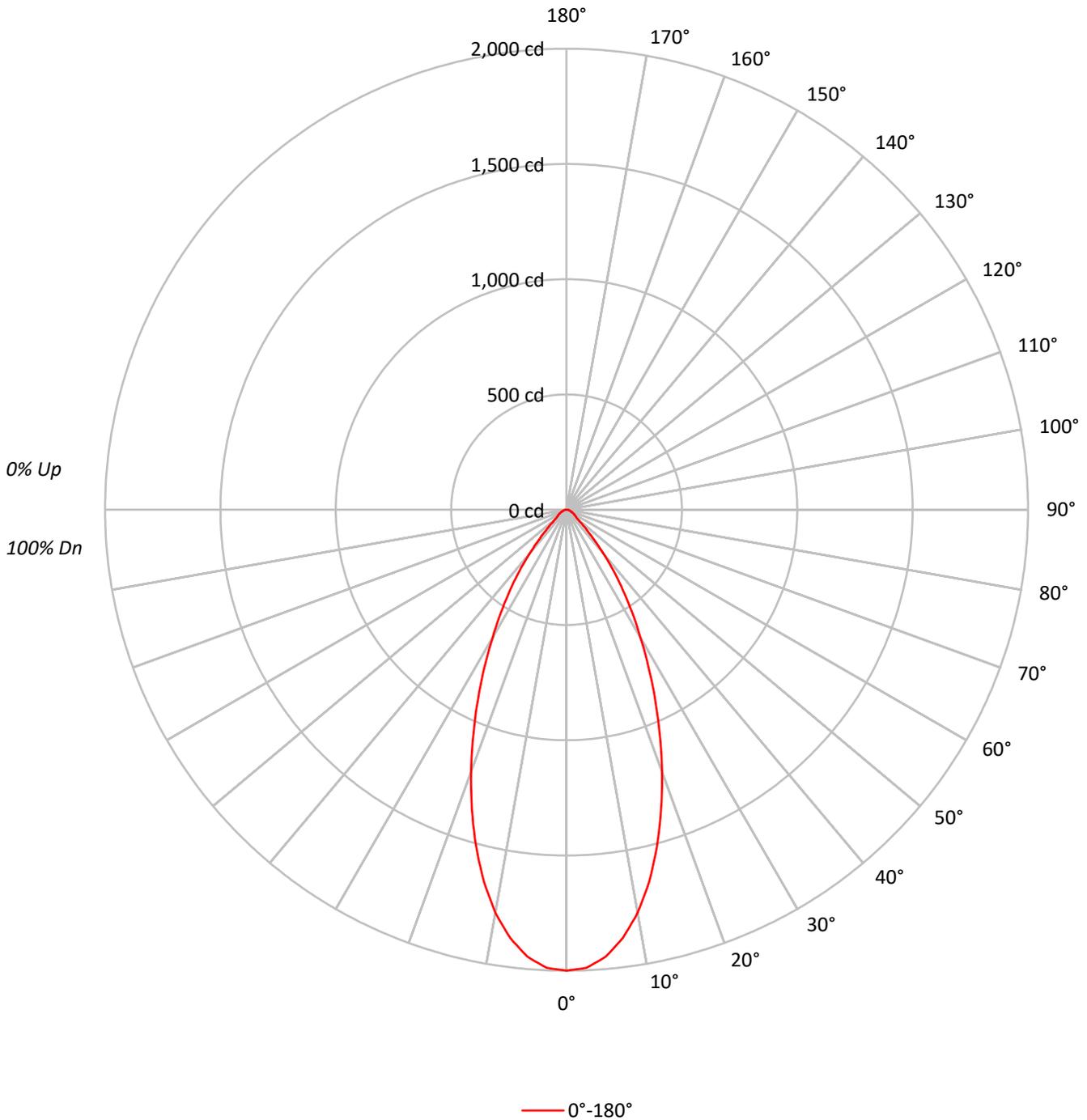
Test Method: LM-79-2019  
Report Number: P1255832  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A24R459035D010 E3DLP1LI  
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 90CRI , E3DLP1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1472.0 lumens  
Efficiency: N/A  
Efficacy: 51.1 lumens/watt  
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 28.8  
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				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	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93				93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86				86
3	102	95	90	85	100	93	89	85	91	87	83	88	85	82	86	83	81	79				79
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74				74
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69				69
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	64				64
7	83	73	67	63	81	72	67	63	71	66	62	70	65	62	69	65	61	60				60
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	56				56
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53				53
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	50				50

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

	0°
0°	438452
5°	428438
10°	395250
15°	343680
20°	282335
25°	219666
30°	162227
35°	114144
40°	71248
45°	38609
50°	20878
55°	17930
60°	16095
65°	13750
70°	11797
75°	12115
80°	10355
85°	10315

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 38609 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	180.3	12.2
10°-20°	418.5	28.4
20°-30°	415.5	28.2
30°-40°	267.6	18.2
40°-50°	103.1	7.0
50°-60°	41.9	2.8
60°-70°	26.5	1.8
70°-80°	14.3	1.0
80°-90°	4.4	0.3
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°	1014.3	68.9
0°-40°	1281.8	87.1
0°-60°	1426.8	96.9
0°-90°	1472.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1472.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2000	
5°	1946	180
15°	1514	419
25°	908	415
35°	426	268
45°	124	103
55°	47	42
65°	26	26
75°	14	14
85°	4	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1999.5
2.5°	1989.3
5°	1946.4
7.5°	1873.0
10°	1775.1
12.5°	1652.6
15°	1513.9
17.5°	1362.9
20°	1209.9
22.5°	1054.8
25°	907.9
27.5°	769.2
30°	640.7
32.5°	528.4
35°	426.4
37.5°	334.6
40°	248.9
42.5°	179.5
45°	124.5
47.5°	83.7
50°	61.2
52.5°	51.0
55°	46.9
57.5°	40.8
60°	36.7
62.5°	30.6
65°	26.5
67.5°	22.4
70°	18.4
72.5°	16.3
75°	14.3
77.5°	10.2
80°	8.2
82.5°	6.1
85°	4.1
87.5°	2.0
90°	0.0

(END OF REPORT)