

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: P1255890

Luminaire Tested: P3AS24R559035D010 E3DLP1LI

Issue Date: 1/30/2026

**Test Information**

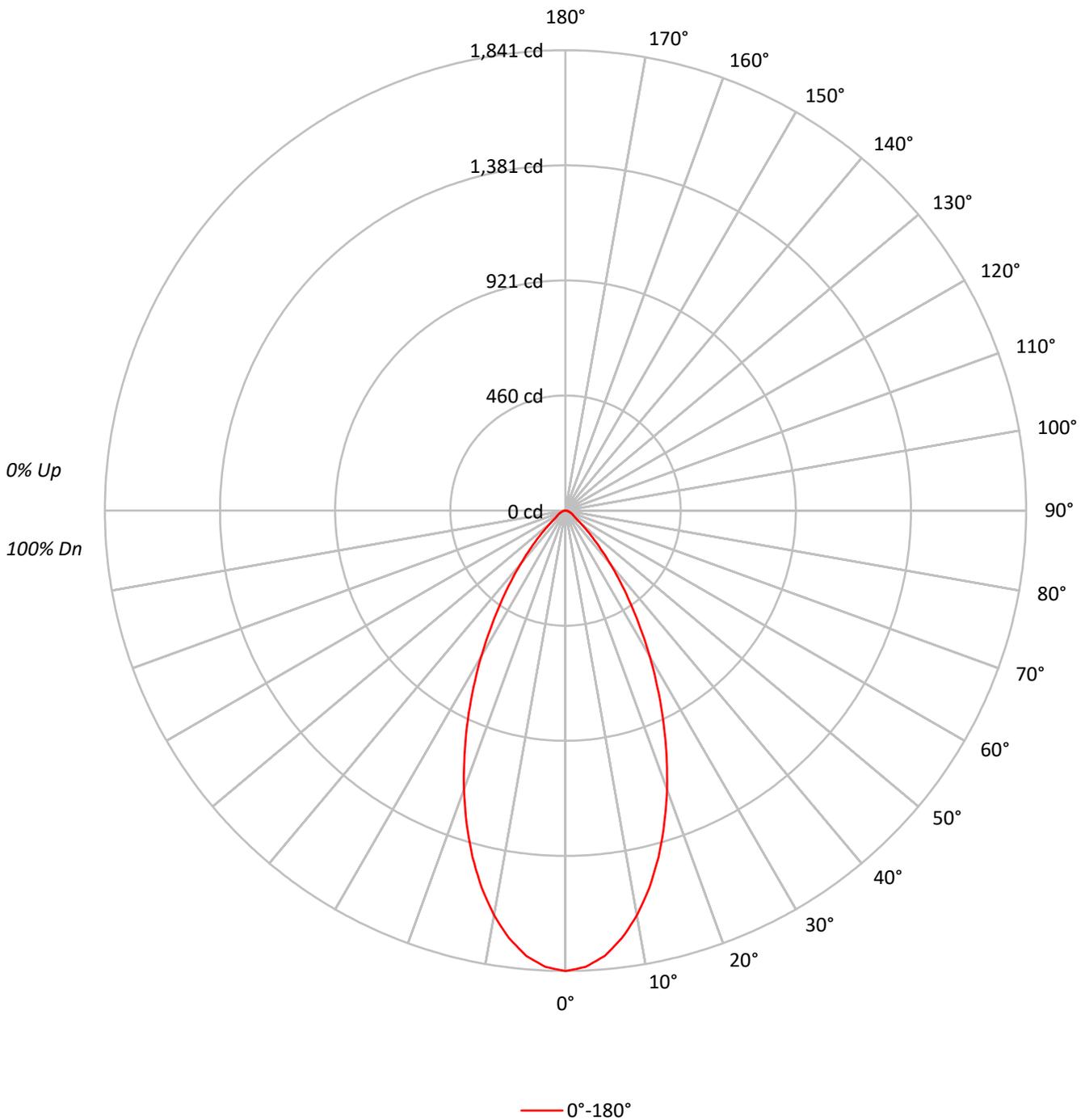
Test Method: LM-79-2019  
Report Number: P1255890  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R559035D010 E3DLP1LI  
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 90CRI , E3DLP1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1484.0 lumens  
Efficiency: N/A  
Efficacy: 51.5 lumens/watt  
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8  
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

TEST NUMBER: P1255890  
CATALOG NUMBER: P3AS24R559035D010 E3DLP1LI

### Luminous Intensity Polar Plot





TEST NUMBER: P1255890  
 CATALOG NUMBER: P3AS24R559035D010 E3DLP1LI

**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			
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	97	95	94	92			
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85			
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80	79			
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74	73			
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67			
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63			
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59			
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55			
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52			
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49			

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

	0°
0°	403696
5°	393572
10°	365881
15°	325836
20°	276897
25°	223465
30°	170355
35°	121158
40°	79950
45°	47416
50°	27837
55°	17165
60°	15218
65°	13750
70°	11733
75°	10336
80°	10355
85°	10315

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 47416 cd/sqm



TEST NUMBER: P1255890  
 CATALOG NUMBER: P3AS24R559035D010 E3DLP1LI

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	166.0	11.2
10°-20°	397.9	26.8
20°-30°	421.4	28.4
30°-40°	284.8	19.2
40°-50°	124.8	8.4
50°-60°	44.7	3.0
60°-70°	26.2	1.8
70°-80°	13.7	0.9
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°	985.4	66.4
0°-40°	1270.2	85.6
0°-60°	1439.7	97.0
0°-90°	1484.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1484.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1841	
5°	1788	166
15°	1435	398
25°	924	421
35°	453	285
45°	153	125
55°	45	45
65°	26	26
75°	12	14
85°	4	4
90°	0	



TEST NUMBER: P1255890  
CATALOG NUMBER: P3AS24R559035D010 E3DLP1LI

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1841.0
2.5°	1826.7
5°	1788.0
7.5°	1724.8
10°	1643.2
12.5°	1545.4
15°	1435.3
17.5°	1313.0
20°	1186.6
22.5°	1054.0
25°	923.6
27.5°	795.1
30°	672.8
32.5°	556.6
35°	452.6
37.5°	358.8
40°	279.3
42.5°	210.0
45°	152.9
47.5°	112.1
50°	81.6
52.5°	57.1
55°	44.9
57.5°	40.8
60°	34.7
62.5°	30.6
65°	26.5
67.5°	22.4
70°	18.3
72.5°	16.3
75°	12.2
77.5°	10.2
80°	8.2
82.5°	6.1
85°	4.1
87.5°	2.0
90°	0.0

(END OF REPORT)