

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: P1258474

Luminaire Tested: P3AS24R359040D010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

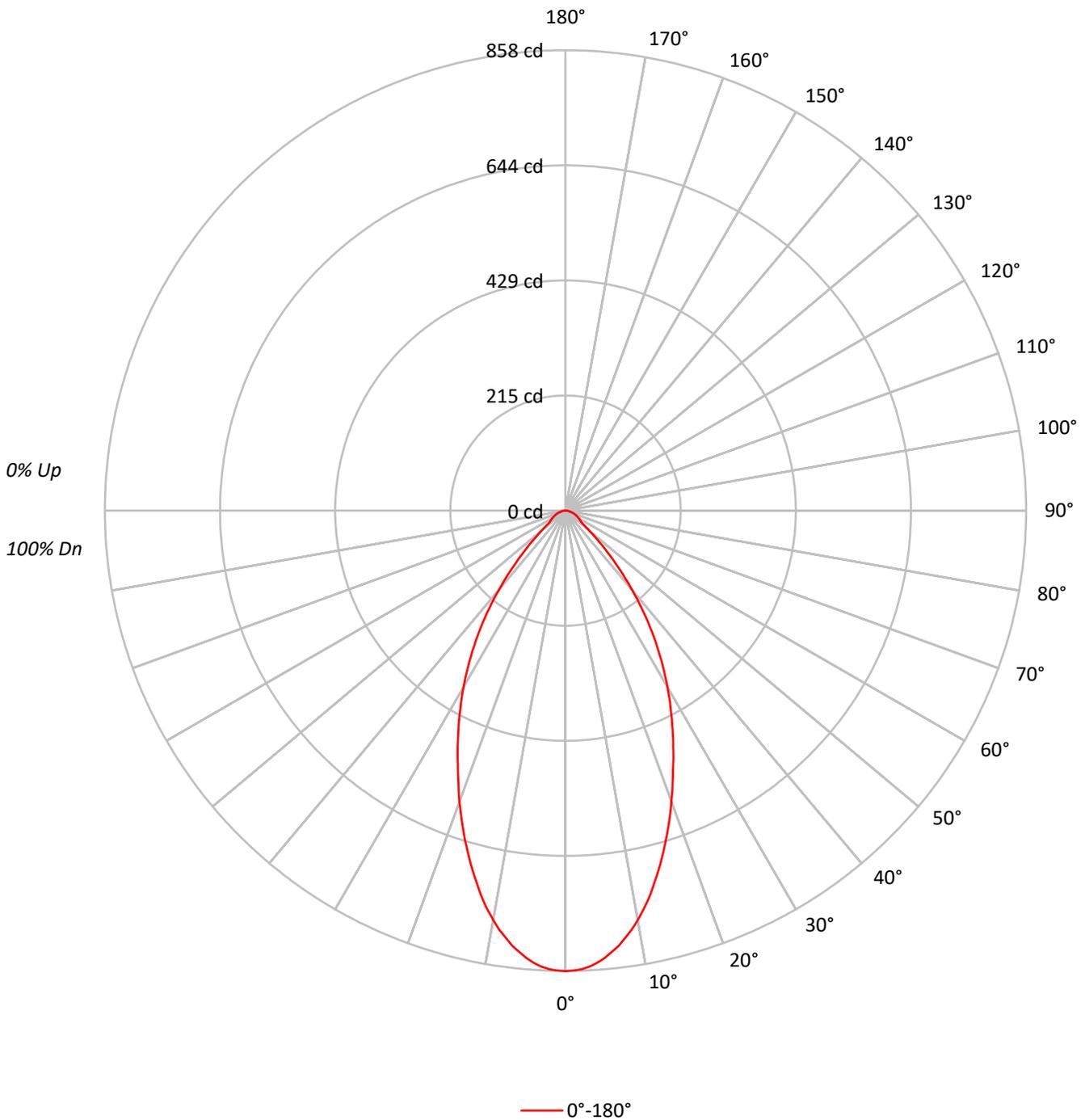
Test Method: LM-79-2019  
Report Number: P1258474  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R359040D010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 824.0 lumens  
Efficiency: N/A  
Efficacy: 28.6 lumens/watt  
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87  
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: P1258474  
CATALOG NUMBER: P3AS24R359040D010 E3DLD1GPH

### Luminous Intensity Polar Plot





TEST NUMBER: P1258474  
 CATALOG NUMBER: P3AS24R359040D010 E3DLD1GPH

**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			100
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45			45

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

	0°
0°	188231
5°	184239
10°	172542
15°	154870
20°	134715
25°	114805
30°	96167
35°	76587
40°	55389
45°	35042
50°	19104
55°	13228
60°	12499
65°	11623
70°	11092
75°	9489
80°	8966
85°	7799

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 35042 cd/sqm



TEST NUMBER: P1258474  
 CATALOG NUMBER: P3AS24R359040D010 E3DLD1GPH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	77.9	9.5
10°-20°	189.8	23.0
20°-30°	217.6	26.4
30°-40°	177.5	21.5
40°-50°	89.5	10.9
50°-60°	33.2	4.0
60°-70°	22.3	2.7
70°-80°	12.4	1.5
80°-90°	3.7	0.5
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°	485.3	58.9
0°-40°	662.8	80.4
0°-60°	785.6	95.3
0°-90°	824.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	824.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	858	
5°	837	78
15°	682	190
25°	474	218
35°	286	178
45°	113	90
55°	35	33
65°	22	22
75°	11	12
85°	3	4
90°	0	



TEST NUMBER: P1258474  
CATALOG NUMBER: P3AS24R359040D010 E3DLD1GPH

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	858.4
1°	857.4
2°	855.3
3°	851.3
4°	845.1
5°	837.0
6°	826.8
7°	816.6
8°	803.4
9°	790.2
10°	774.9
11°	758.6
12°	741.3
13°	721.9
14°	701.6
15°	682.2
17.5°	630.3
20°	577.3
22.5°	523.4
25°	474.5
27.5°	426.6
30°	379.8
32.5°	333.0
35°	286.1
37.5°	239.3
40°	193.5
42.5°	150.7
45°	113.0
47.5°	81.5
50°	56.0
52.5°	40.7
55°	34.6
57.5°	31.6
60°	28.5
62.5°	25.5
65°	22.4
67.5°	19.3
70°	17.3
72.5°	14.3
75°	11.2
77.5°	9.2
80°	7.1
82.5°	5.1
85°	3.1
87.5°	2.0



TEST NUMBER: P1258474  
CATALOG NUMBER: P3AS24R359040D010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)