

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: P1250353

Luminaire Tested: P3AS24R359027D010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

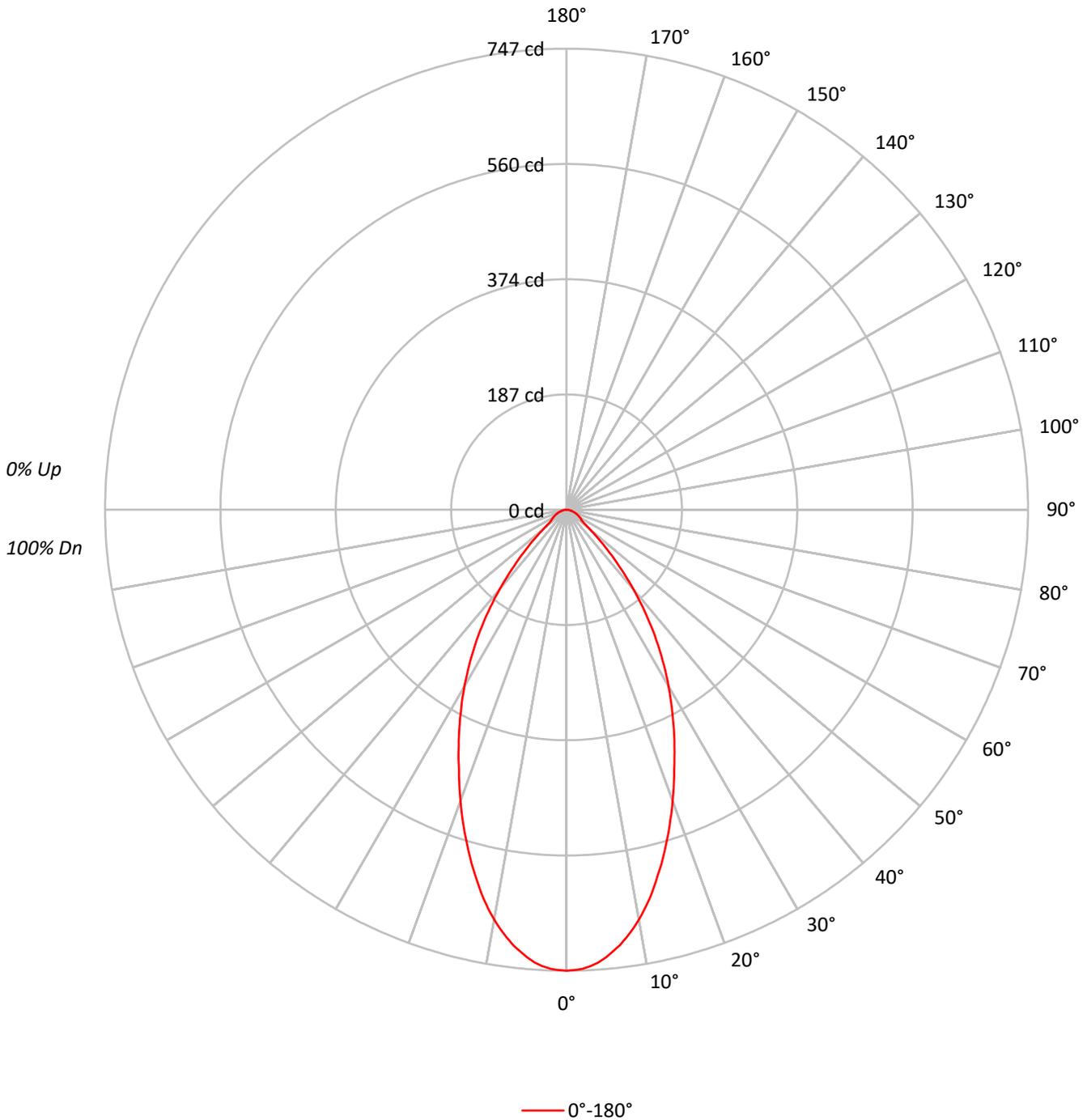
Test Method: LM-79-2019  
Report Number: P1250353  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R359027D010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 717.0 lumens  
Efficiency: N/A  
Efficacy: 24.9 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

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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	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°	163781
5°	160312
10°	150142
15°	134757
20°	117237
25°	99901
30°	83684
35°	66655
40°	48176
45°	30484
50°	16614
55°	11507
60°	10876
65°	10118
70°	9681
75°	8218
80°	7829
85°	6793

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 30484 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	67.8	9.5
10°-20°	165.2	23.0
20°-30°	189.3	26.4
30°-40°	154.5	21.5
40°-50°	77.9	10.9
50°-60°	28.9	4.0
60°-70°	19.4	2.7
70°-80°	10.7	1.5
80°-90°	3.3	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°	422.3	58.9
0°-40°	576.8	80.4
0°-60°	683.6	95.3
0°-90°	717.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	717.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	747	
5°	728	68
15°	594	165
25°	413	189
35°	249	154
45°	98	78
55°	30	29
65°	20	19
75°	10	11
85°	3	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	746.9
1°	746.0
2°	744.3
3°	740.7
4°	735.4
5°	728.3
6°	719.4
7°	710.6
8°	699.1
9°	687.6
10°	674.3
11°	660.1
12°	645.0
13°	628.2
14°	610.5
15°	593.6
17.5°	548.4
20°	502.4
22.5°	455.4
25°	412.9
27.5°	371.2
30°	330.5
32.5°	289.7
35°	249.0
37.5°	208.2
40°	168.3
42.5°	131.1
45°	98.3
47.5°	70.9
50°	48.7
52.5°	35.4
55°	30.1
57.5°	27.5
60°	24.8
62.5°	22.2
65°	19.5
67.5°	16.8
70°	15.1
72.5°	12.4
75°	9.7
77.5°	8.0
80°	6.2
82.5°	4.4
85°	2.7
87.5°	1.8



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)