

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: P1261012

Luminaire Tested: P3AS24R259050D010 E3DLD1H

Issue Date: 1/30/2026

**Test Information**

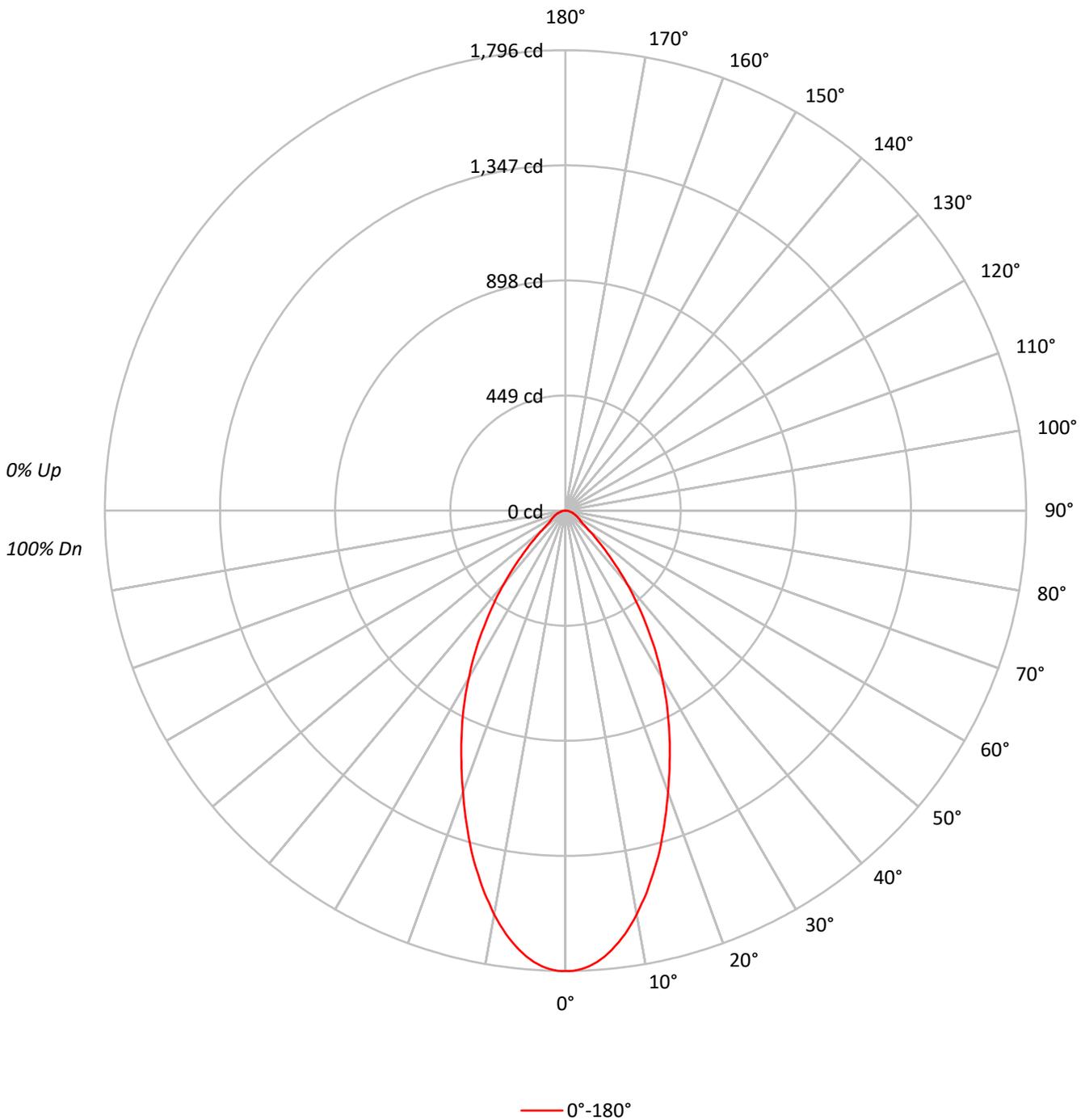
Test Method: LM-79-2019  
Report Number: P1261012  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R259050D010 E3DLD1H  
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DLD1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1657.0 lumens  
Efficiency: N/A  
Efficacy: 57.5 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85  
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			
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91			
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76			
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70			
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			

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

	0°
0°	393806
5°	384415
10°	356217
15°	317255
20°	272650
25°	231739
30°	190789
35°	148650
40°	106943
45°	67852
50°	40152
55°	27602
60°	25349
65°	23556
70°	21157
75°	19232
80°	18184
85°	15599

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 67852 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	162.0	9.8
10°-20°	388.0	23.4
20°-30°	438.4	26.5
30°-40°	346.7	20.9
40°-50°	175.2	10.6
50°-60°	70.2	4.2
60°-70°	44.9	2.7
70°-80°	24.8	1.5
80°-90°	7.0	0.4
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°	988.3	59.6
0°-40°	1335.0	80.6
0°-60°	1580.3	95.4
0°-90°	1657.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1657.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1796	
5°	1746	162
15°	1398	388
25°	958	438
35°	555	347
45°	219	175
55°	72	70
65°	45	45
75°	23	25
85°	6	7
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1795.9
1°	1795.9
2°	1789.7
3°	1779.4
4°	1765.0
5°	1746.4
6°	1723.7
7°	1696.8
8°	1667.9
9°	1634.9
10°	1599.8
11°	1560.6
12°	1523.4
13°	1480.1
14°	1438.8
15°	1397.5
17.5°	1281.9
20°	1168.4
22.5°	1061.0
25°	957.8
27.5°	856.7
30°	753.5
32.5°	656.4
35°	555.3
37.5°	462.4
40°	373.6
42.5°	291.1
45°	218.8
47.5°	163.1
50°	117.7
52.5°	88.8
55°	72.2
57.5°	66.1
60°	57.8
62.5°	51.6
65°	45.4
67.5°	39.2
70°	33.0
72.5°	28.9
75°	22.7
77.5°	18.6
80°	14.4
82.5°	10.3
85°	6.2
87.5°	2.1



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)