

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: P1261144

Luminaire Tested: P3AS24R509050D010 E3CD1MMS

Issue Date: 1/30/2026

**Test Information**

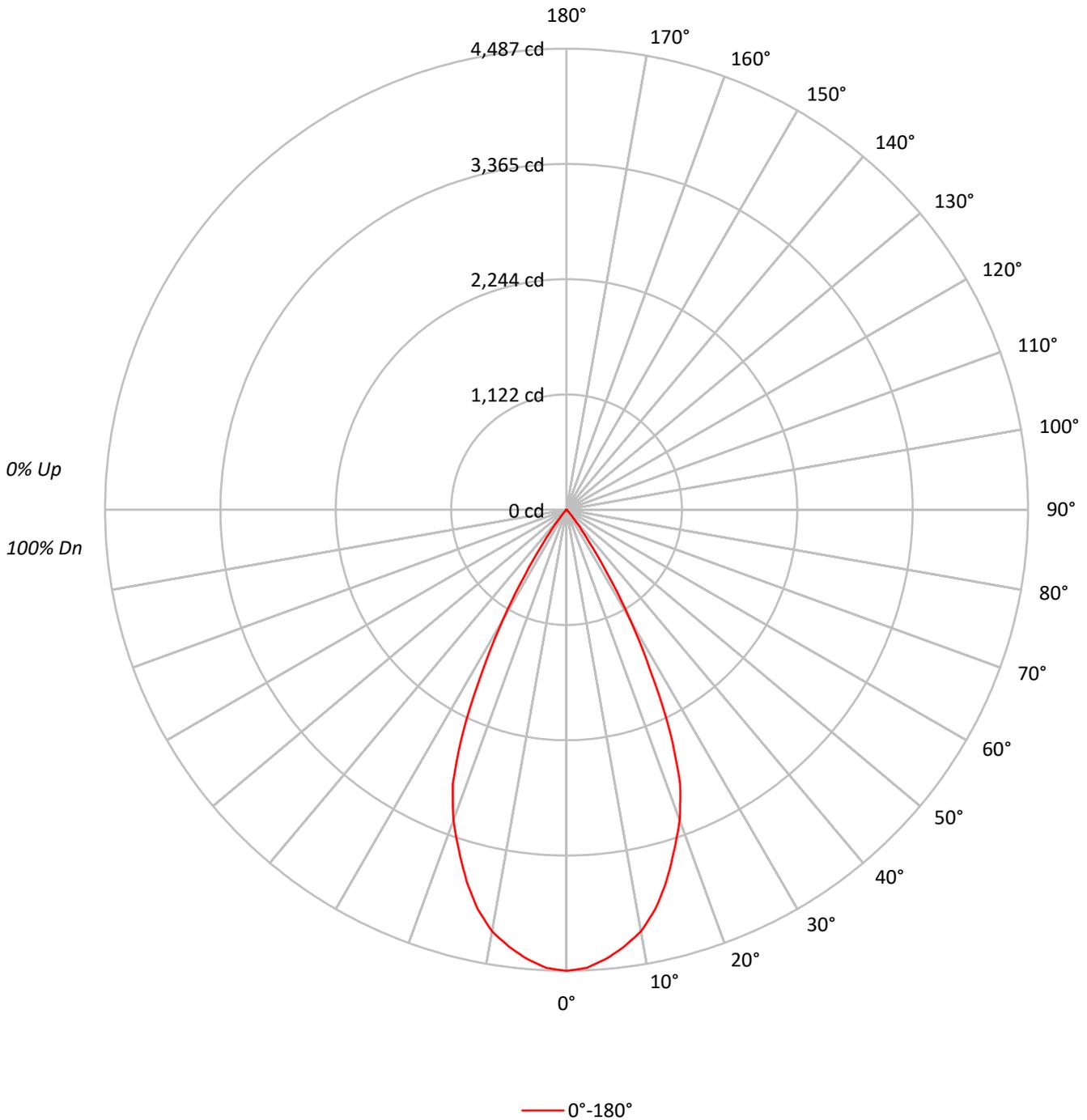
Test Method: LM-79-2019  
Report Number: P1261144  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-32)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R509050D010 E3CD1MMS  
Description: 3in Adjustable LED luminaire with, R50 optic, 5000K CCT AND, 90CRI , E3CD1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2825.1 lumens  
Efficiency: N/A  
Efficacy: 98.1 lumens/watt  
Spacing Criteria (0/90/45): 0.84 / 0.84 / 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				
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	102	102	102	100
1	114	112	109	107	112	109	107	106	105	104	102	102	101	99	98	97	96	96	96	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	91	91	91	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	86	86	86	85
4	100	94	89	85	99	92	88	85	90	87	84	88	85	83	87	84	82	82	82	82	80
5	96	89	84	80	94	88	83	79	86	82	79	84	81	78	83	80	77	77	77	77	76
6	92	84	79	75	91	83	79	75	82	78	74	81	77	74	79	76	73	73	73	73	72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	70	70	70	69
8	85	76	71	67	83	76	71	67	75	70	67	74	70	67	73	69	66	66	66	66	65
9	81	73	68	64	80	72	67	64	71	67	64	71	66	63	70	66	63	63	63	63	62
10	78	69	64	61	77	69	64	61	68	64	61	68	63	61	67	63	60	60	60	60	59

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

	0°
0°	983869
5°	966253
10°	927772
15°	850765
20°	750209
25°	575017
30°	312630
35°	100599
40°	23644
45°	3194
50°	2831
55°	3173
60°	2719
65°	3217
70°	2629
75°	3474
80°	2652
85°	5284

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 85°  
 Luminance: 5284 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	411.9	14.6
10°-20°	1041.7	36.9
20°-30°	1043.3	36.9
30°-40°	293.4	10.4
40°-50°	17.7	0.6
50°-60°	6.7	0.2
60°-70°	5.4	0.2
70°-80°	3.5	0.1
80°-90°	1.4	0.1
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°	2496.9	88.4
0°-40°	2790.3	98.8
0°-60°	2814.7	99.6
0°-90°	2825.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2825.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	4487	
5°	4390	412
15°	3748	1042
25°	2377	1043
35°	376	293
45°	10	18
55°	8	7
65°	6	5
75°	4	4
85°	2	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	4486.8
2.5°	4464.1
5°	4389.7
7.5°	4288.6
10°	4166.7
12.5°	3983.0
15°	3747.6
17.5°	3477.1
20°	3214.9
22.5°	2888.6
25°	2376.6
27.5°	1769.5
30°	1234.7
32.5°	745.4
35°	375.8
37.5°	177.6
40°	82.6
42.5°	31.0
45°	10.3
47.5°	8.3
50°	8.3
52.5°	8.3
55°	8.3
57.5°	6.2
60°	6.2
62.5°	6.2
65°	6.2
67.5°	4.1
70°	4.1
72.5°	4.1
75°	4.1
77.5°	2.1
80°	2.1
82.5°	2.1
85°	2.1
87.5°	0.0
90°	0.0

(END OF REPORT)