

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: P1260972

Luminaire Tested: P3AS24R209050D010 E3CD1MMS

Issue Date: 1/30/2026

**Test Information**

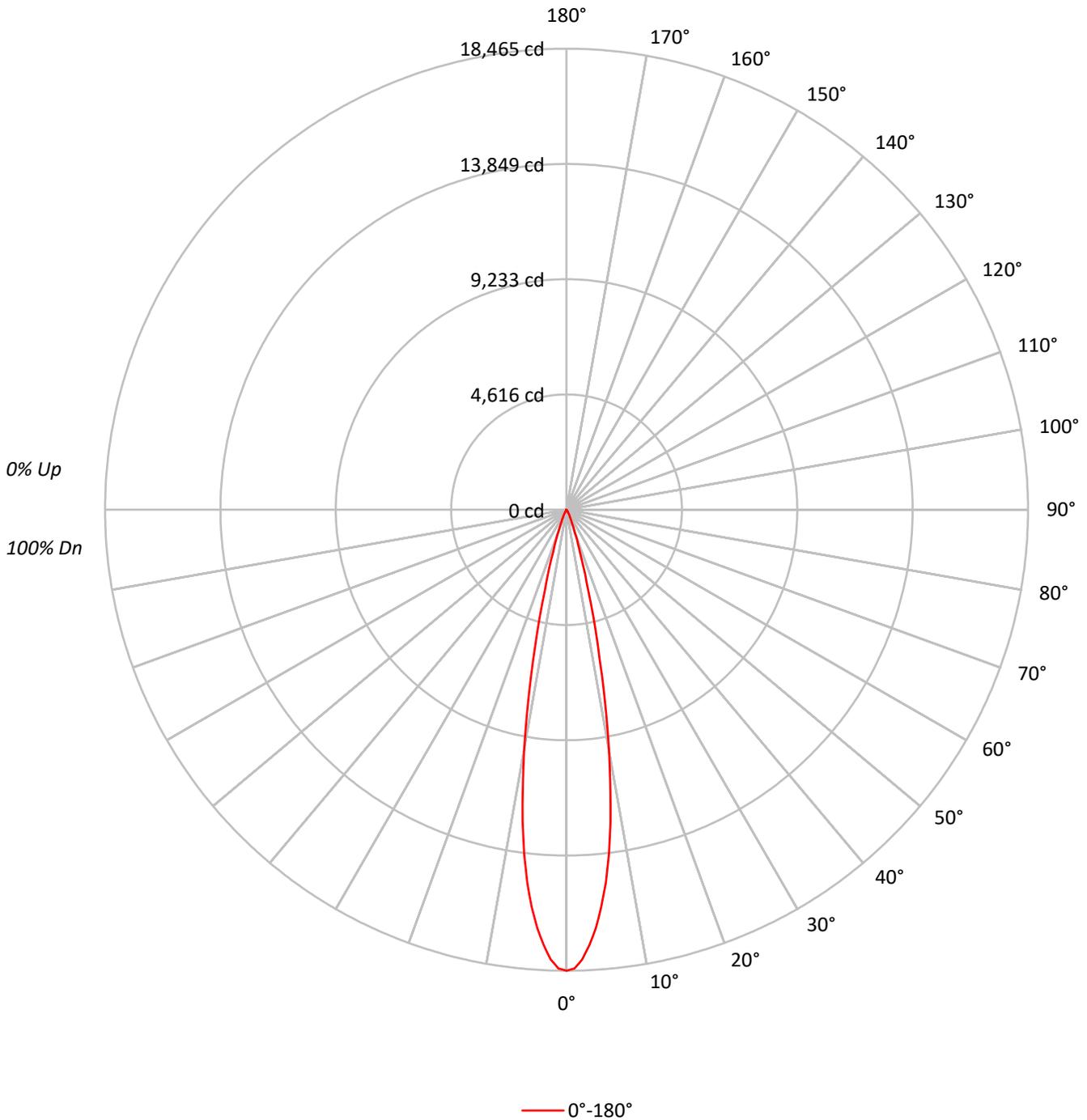
Test Method: LM-79-2019  
Report Number: P1260972  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R209050D010 E3CD1MMS  
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3CD1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2607.1 lumens  
Efficiency: N/A  
Efficacy: 90.5 lumens/watt  
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34  
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	116	114	112	110	113	112	110	109	108	106	105	104	103	102	101	100	99	98	98	98
2	112	109	107	104	110	108	105	103	104	103	101	102	100	99	99	98	97	97	97	97
3	109	105	102	100	108	104	101	99	102	99	97	99	98	96	97	96	95	95	95	95
4	107	102	99	96	105	101	98	96	99	97	95	97	95	93	96	94	92	92	92	91
5	104	99	96	93	103	98	95	93	97	94	92	95	93	91	94	92	91	91	91	90
6	102	97	93	91	101	96	93	90	95	92	90	94	91	89	93	90	89	89	89	88
7	100	94	91	88	99	94	91	88	93	90	88	92	89	87	91	89	87	87	87	86
8	98	92	89	86	97	92	89	86	91	88	86	90	88	86	89	87	85	85	85	85
9	96	90	87	85	95	90	87	85	89	86	84	89	86	84	88	86	84	84	84	83
10	94	89	85	83	93	88	85	83	88	85	83	87	84	83	86	84	82	82	82	82

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

	0°
0°	4048974
5°	3514365
10°	2171503
15°	754215
20°	231627
25°	81876
30°	30308
35°	12153
40°	6498
45°	2574
50°	1399
55°	1567
60°	1798
65°	1090
70°	1346
75°	1779
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2574 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1325.0	50.8
10°-20°	1051.3	40.3
20°-30°	182.0	7.0
30°-40°	33.1	1.3
40°-50°	7.6	0.3
50°-60°	3.7	0.1
60°-70°	2.3	0.1
70°-80°	1.9	0.1
80°-90°	0.0	0.0
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°	2558.4	98.1
0°-40°	2591.5	99.4
0°-60°	2602.8	99.8
0°-90°	2607.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2607.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	18465	
5°	15966	###
15°	3322	1051
25°	338	182
35°	45	33
45°	8	8
55°	4	4
65°	2	2
75°	2	2
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	18464.8
1°	18376.0
2°	18025.2
3°	17461.9
4°	16801.5
5°	15965.8
6°	15008.3
7°	13894.0
8°	12624.9
9°	11199.0
10°	9752.4
12.5°	6151.5
15°	3322.3
17.5°	1774.7
20°	992.6
22.5°	567.5
25°	338.4
27.5°	206.4
30°	119.7
32.5°	70.2
35°	45.4
37.5°	31.0
40°	22.7
42.5°	14.4
45°	8.3
47.5°	4.1
50°	4.1
52.5°	4.1
55°	4.1
57.5°	4.1
60°	4.1
62.5°	2.1
65°	2.1
67.5°	2.1
70°	2.1
72.5°	2.1
75°	2.1
77.5°	2.1
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)