

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: P1252971

Luminaire Tested: P3AS24R209030D010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

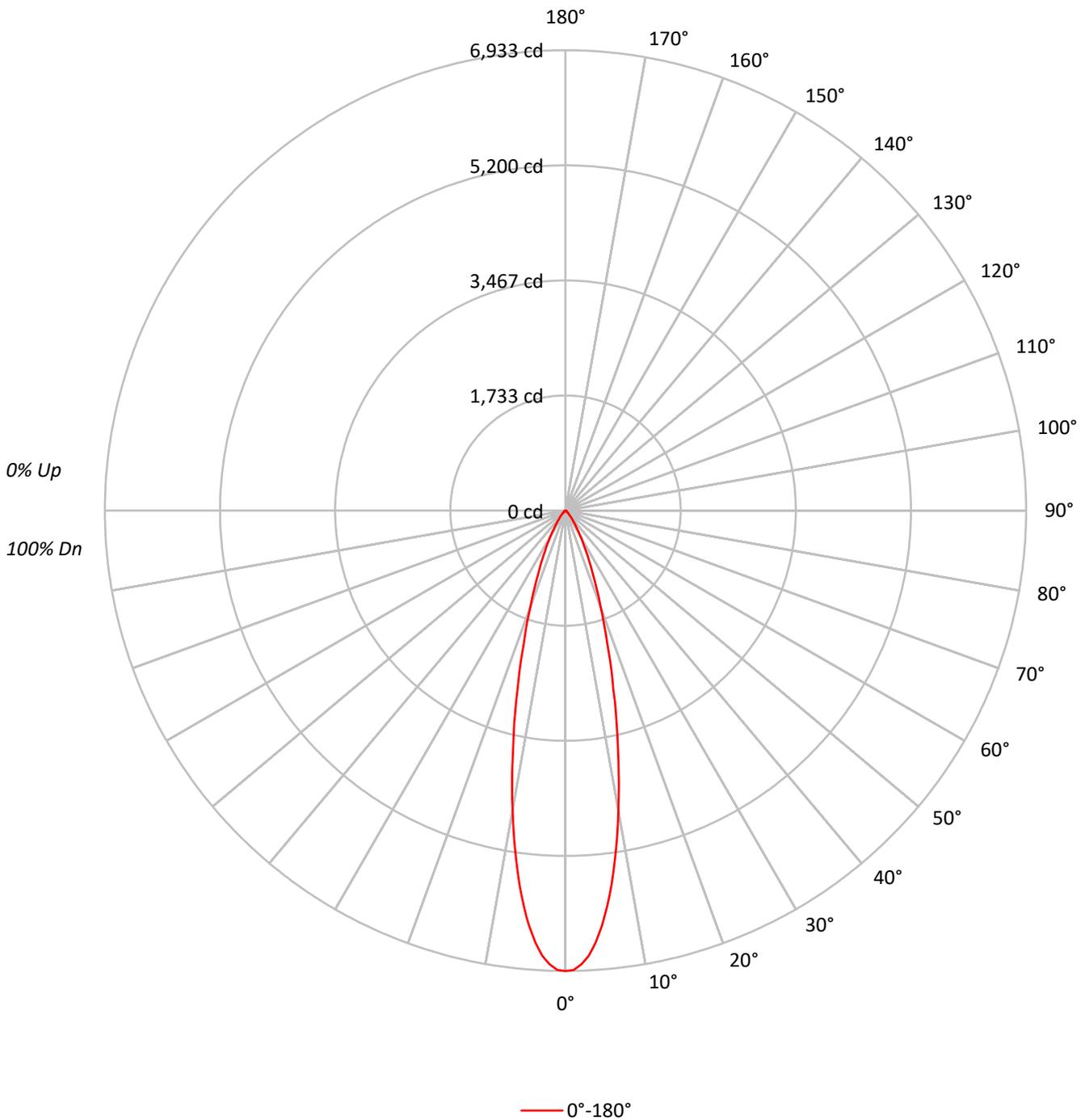
Test Method: LM-79-2019  
Report Number: P1252971  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R209030D010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1976.0 lumens  
Efficiency: N/A  
Efficacy: 68.6 lumens/watt  
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46  
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	100	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91	91	91	91
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87	87	87	87
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83	83	83	83
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79	79	79	79
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76	76	76	76
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	73	73	73	73
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	78	74	72	71	71	71	71
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69	68	68	68	68
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66	66	66	66

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

	0°
0°	1520317
5°	1381991
10°	1021379
15°	631831
20°	360811
25°	205996
30°	115511
35°	62854
40°	34436
45°	18948
50°	11087
55°	8028
60°	7543
65°	6953
70°	6091
75°	6439
80°	4799
85°	4780

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 18948 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	543.7	27.5
10°-20°	776.1	39.3
20°-30°	405.1	20.5
30°-40°	156.6	7.9
40°-50°	50.8	2.6
50°-60°	20.0	1.0
60°-70°	13.2	0.7
70°-80°	7.8	0.4
80°-90°	2.6	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°	1724.9	87.3
0°-40°	1881.5	95.2
0°-60°	1952.4	98.8
0°-90°	1976.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1976.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	6933	
5°	6278	544
15°	2783	776
25°	851	405
35°	235	157
45°	61	51
55°	21	20
65°	13	13
75°	8	8
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	6933.2
1°	6919.8
2°	6837.7
3°	6711.7
4°	6517.0
5°	6278.4
6°	5995.9
7°	5682.8
8°	5320.1
9°	4967.0
10°	4587.1
12.5°	3646.0
15°	2783.2
17.5°	2082.6
20°	1546.2
22.5°	1145.3
25°	851.4
27.5°	628.0
30°	456.2
32.5°	330.2
35°	234.8
37.5°	169.9
40°	120.3
42.5°	85.9
45°	61.1
47.5°	43.9
50°	32.5
52.5°	24.8
55°	21.0
57.5°	19.1
60°	17.2
62.5°	15.3
65°	13.4
67.5°	11.5
70°	9.5
72.5°	9.5
75°	7.6
77.5°	5.7
80°	3.8
82.5°	3.8
85°	1.9
87.5°	1.9
90°	0.0

(END OF REPORT)