

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: P1258509

Luminaire Tested: P3AS24R409040D010 E3DLD1MW

Issue Date: 1/30/2026

**Test Information**

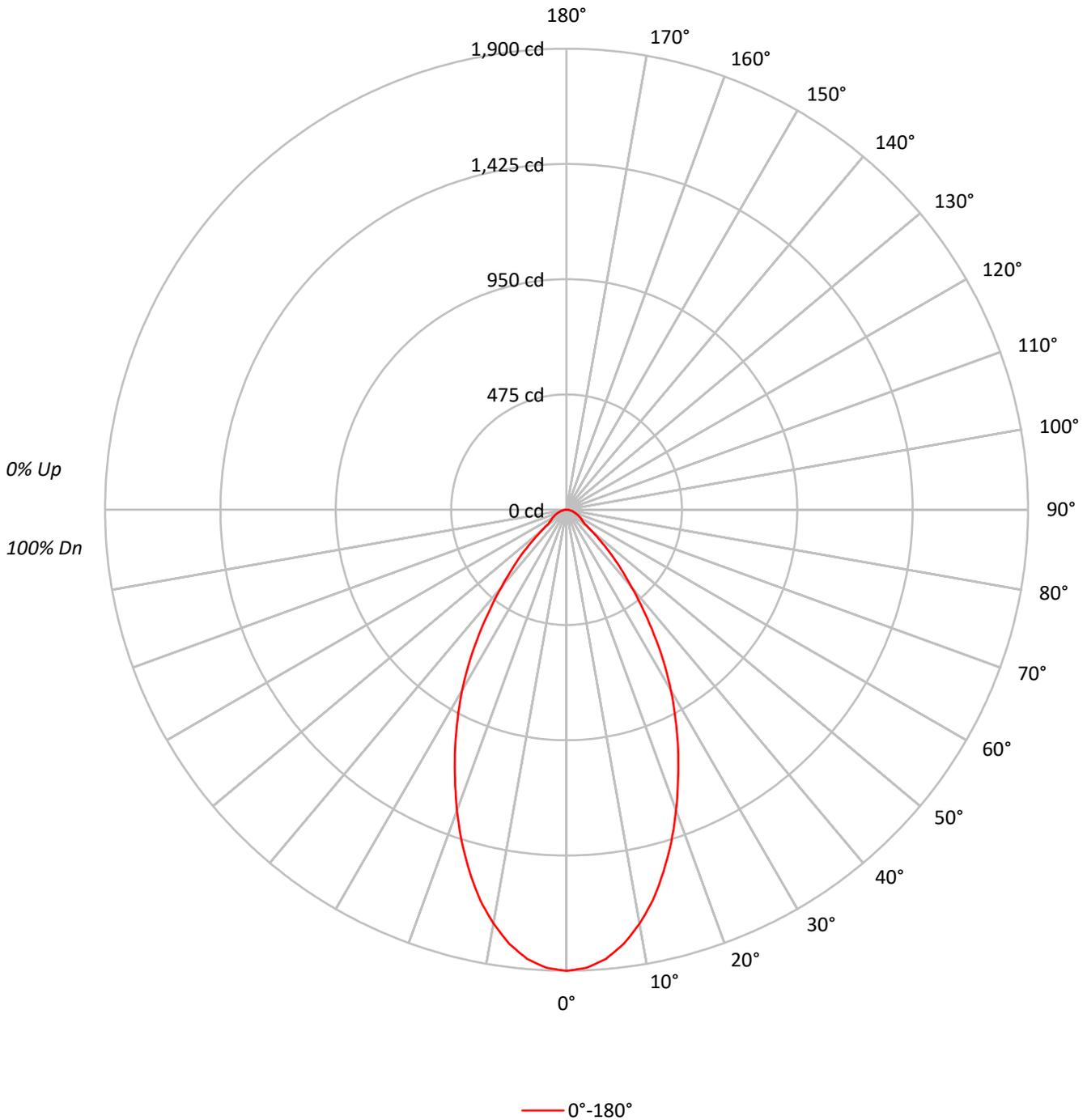
Test Method: LM-79-2019  
Report Number: P1258509  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R409040D010 E3DLD1MW  
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1856.0 lumens  
Efficiency: N/A  
Efficacy: 64.4 lumens/watt  
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88  
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				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°	416633
5°	409090
10°	385609
15°	350240
20°	307700
25°	262757
30°	217679
35°	167870
40°	119481
45°	80504
50°	43905
55°	30967
60°	29120
65°	26929
70°	23978
75°	22875
80°	18310
85°	15599

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 80504 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	173.3	9.3
10°-20°	429.8	23.2
20°-30°	496.8	26.8
30°-40°	391.6	21.1
40°-50°	201.0	10.8
50°-60°	76.8	4.1
60°-70°	50.8	2.7
70°-80°	27.6	1.5
80°-90°	8.2	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°	1099.9	59.3
0°-40°	1491.5	80.4
0°-60°	1769.3	95.3
0°-90°	1856.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1856.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1900	
5°	1858	173
15°	1543	430
25°	1086	497
35°	627	392
45°	260	201
55°	81	77
65°	52	51
75°	27	28
85°	6	8
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1900.0
2.5°	1889.6
5°	1858.5
7.5°	1804.5
10°	1731.8
12.5°	1646.7
15°	1542.8
17.5°	1434.9
20°	1318.6
22.5°	1200.2
25°	1086.0
27.5°	971.8
30°	859.7
32.5°	745.5
35°	627.1
37.5°	517.0
40°	417.4
42.5°	332.2
45°	259.6
47.5°	189.0
50°	128.7
52.5°	93.4
55°	81.0
57.5°	72.7
60°	66.4
62.5°	58.1
65°	51.9
67.5°	43.6
70°	37.4
72.5°	31.1
75°	27.0
77.5°	20.8
80°	14.5
82.5°	12.5
85°	6.2
87.5°	4.2
90°	0.0

(END OF REPORT)