

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: P1255864

Luminaire Tested: P3AS24R509035D010 E3DLP1WMH

Issue Date: 1/30/2026

**Test Information**

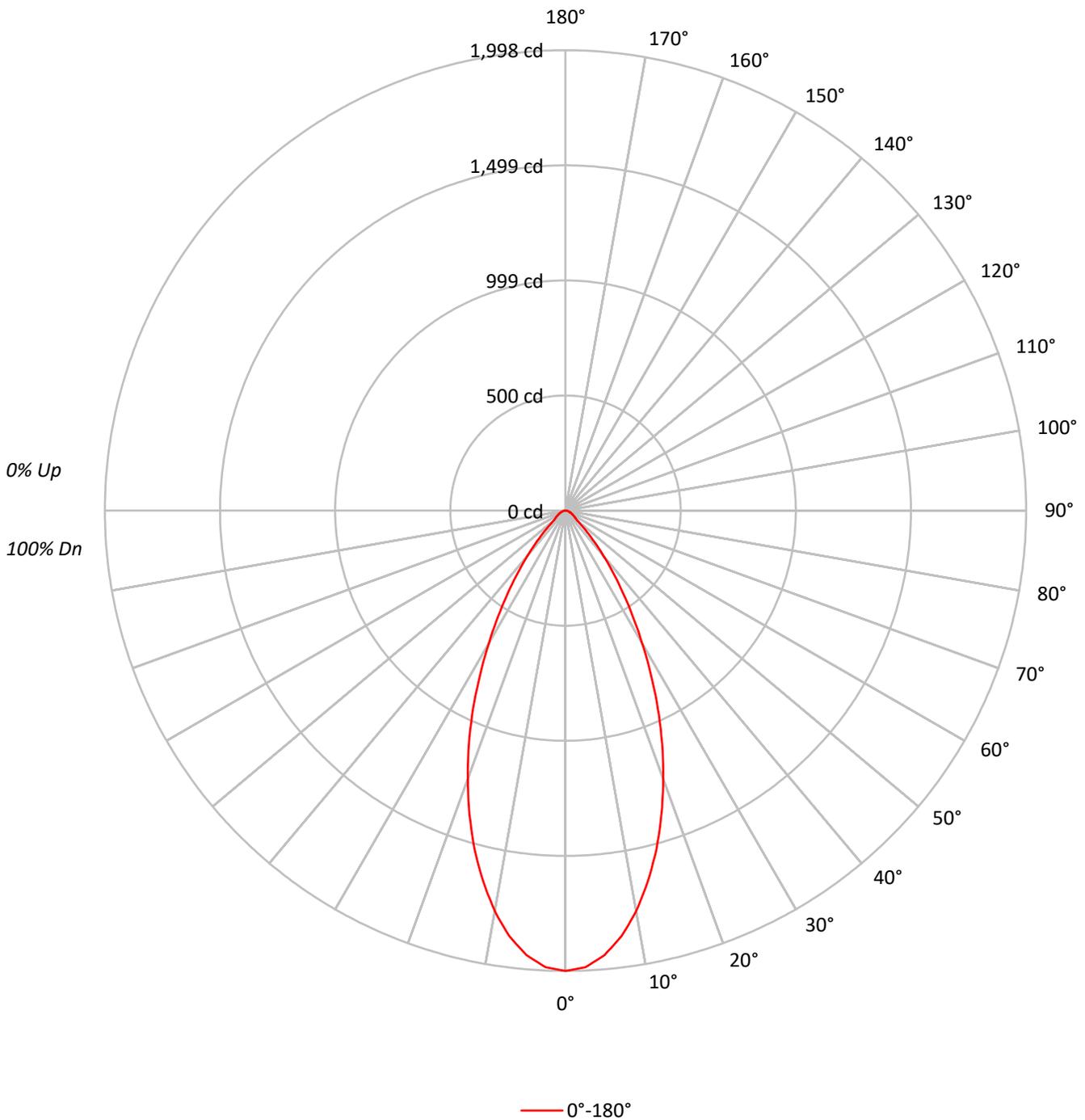
Test Method: LM-79-2019  
Report Number: P1255864  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R509035D010 E3DLP1WMH  
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 90CRI , E3DLP1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1506.0 lumens  
Efficiency: N/A  
Efficacy: 52.3 lumens/watt  
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 28.8  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	100	100
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	95	94	93	93	93	93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85	85	85	85
3	101	95	89	85	99	93	88	85	91	87	83	88	85	82	86	83	81	79	79	79	79
4	96	88	82	78	94	87	82	78	85	80	77	83	79	76	81	78	75	73	73	73	73
5	91	83	76	72	90	82	76	72	80	75	71	78	74	70	77	73	70	68	68	68	68
6	87	77	71	67	85	77	71	67	75	70	66	74	69	66	72	68	65	64	64	64	64
7	82	73	67	62	81	72	66	62	71	66	62	70	65	61	68	64	61	60	60	60	60
8	78	69	63	58	77	68	62	58	67	62	58	66	61	58	65	61	57	56	56	56	56
9	75	65	59	55	74	64	59	55	63	58	55	63	58	54	62	57	54	53	53	53	53
10	71	61	56	52	70	61	55	52	60	55	51	59	55	51	59	54	51	50	50	50	50

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

	0°
0°	438013
5°	426237
10°	393023
15°	345655
20°	289195
25°	229320
30°	168254
35°	115670
40°	73509
45°	41090
50°	22242
55°	18695
60°	16095
65°	14788
70°	13079
75°	12115
80°	10355
85°	10315

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 41090 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	179.4	11.9
10°-20°	421.7	28.0
20°-30°	431.3	28.6
30°-40°	273.5	18.2
40°-50°	108.8	7.2
50°-60°	44.1	2.9
60°-70°	28.2	1.9
70°-80°	14.5	1.0
80°-90°	4.4	0.3
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°	1032.4	68.6
0°-40°	1305.9	86.7
0°-60°	1458.8	96.9
0°-90°	1506.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1506.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1998	
5°	1936	179
15°	1523	422
25°	948	431
35°	432	274
45°	132	109
55°	49	44
65°	28	28
75°	14	15
85°	4	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1997.5
2.5°	1983.2
5°	1936.4
7.5°	1863.0
10°	1765.1
12.5°	1649.0
15°	1522.6
17.5°	1384.0
20°	1239.3
22.5°	1094.6
25°	947.8
27.5°	801.0
30°	664.5
32.5°	542.2
35°	432.1
37.5°	338.4
40°	256.8
42.5°	189.6
45°	132.5
47.5°	89.7
50°	65.2
52.5°	55.0
55°	48.9
57.5°	42.8
60°	36.7
62.5°	32.6
65°	28.5
67.5°	24.5
70°	20.4
72.5°	16.3
75°	14.3
77.5°	10.2
80°	8.2
82.5°	6.1
85°	4.1
87.5°	2.0
90°	0.0

(END OF REPORT)