

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: P1259751

Luminaire Tested: P3AS09R609050DE010 E3DLP1MW

Issue Date: 1/30/2026

**Test Information**

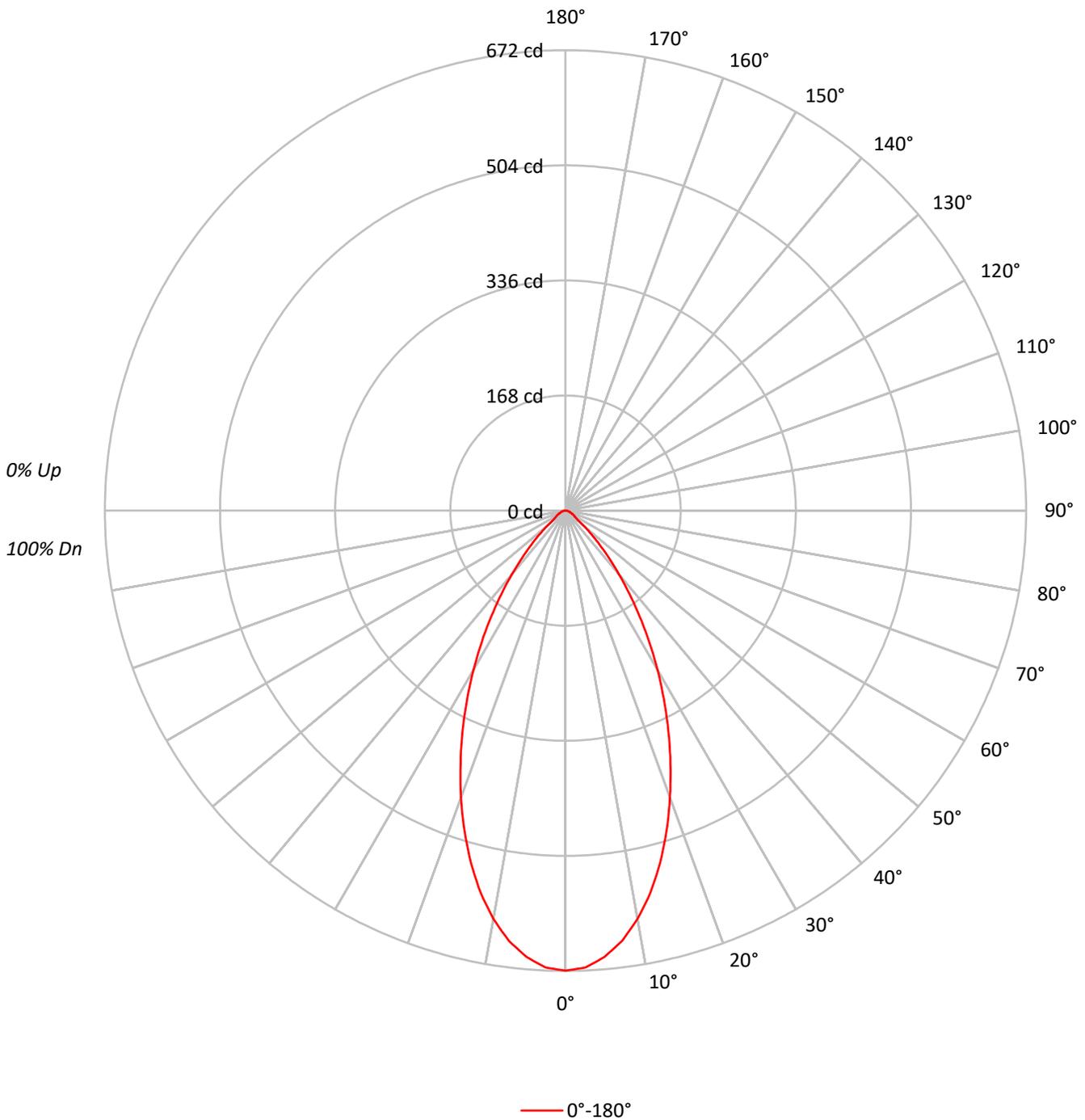
Test Method: LM-79-2019  
Report Number: P1259751  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R609050DE010 E3DLP1MW  
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3DLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 581.1 lumens  
Efficiency: N/A  
Efficacy: 52.3 lumens/watt  
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11.1  
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	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92				92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	91	88	86	85				85
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	79	78				78
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62				62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57				57
8	77	67	60	56	75	66	60	56	65	60	56	64	59	55	63	58	55	54				54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52	50				50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47				47

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

	0°
0°	147247
5°	143935
10°	134756
15°	120909
20°	103959
25°	85965
30°	67935
35°	50433
40°	34751
45°	21801
50°	11974
55°	7034
60°	6315
65°	5396
70°	4616
75°	4745
80°	4041
85°	4026

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 21801 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	60.9	10.5
10°-20°	147.9	25.5
20°-30°	162.2	27.9
30°-40°	118.2	20.3
40°-50°	55.8	9.6
50°-60°	18.3	3.2
60°-70°	10.4	1.8
70°-80°	5.6	1.0
80°-90°	1.7	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°	371.0	63.8
0°-40°	489.2	84.2
0°-60°	563.4	97.0
0°-90°	581.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	581.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	672	
5°	654	61
15°	533	148
25°	355	162
35°	188	118
45°	70	56
55°	18	18
65°	10	10
75°	6	6
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	671.5
2.5°	667.5
5°	653.9
7.5°	633.2
10°	605.2
12.5°	571.7
15°	532.6
17.5°	490.2
20°	445.5
22.5°	400.0
25°	355.3
27.5°	310.6
30°	268.3
32.5°	227.6
35°	188.4
37.5°	153.3
40°	121.4
42.5°	93.4
45°	70.3
47.5°	51.1
50°	35.1
52.5°	23.2
55°	18.4
57.5°	16.0
60°	14.4
62.5°	12.0
65°	10.4
67.5°	8.8
70°	7.2
72.5°	6.4
75°	5.6
77.5°	4.0
80°	3.2
82.5°	2.4
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)