

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: P1256865

Luminaire Tested: P3AS09R109040DE010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

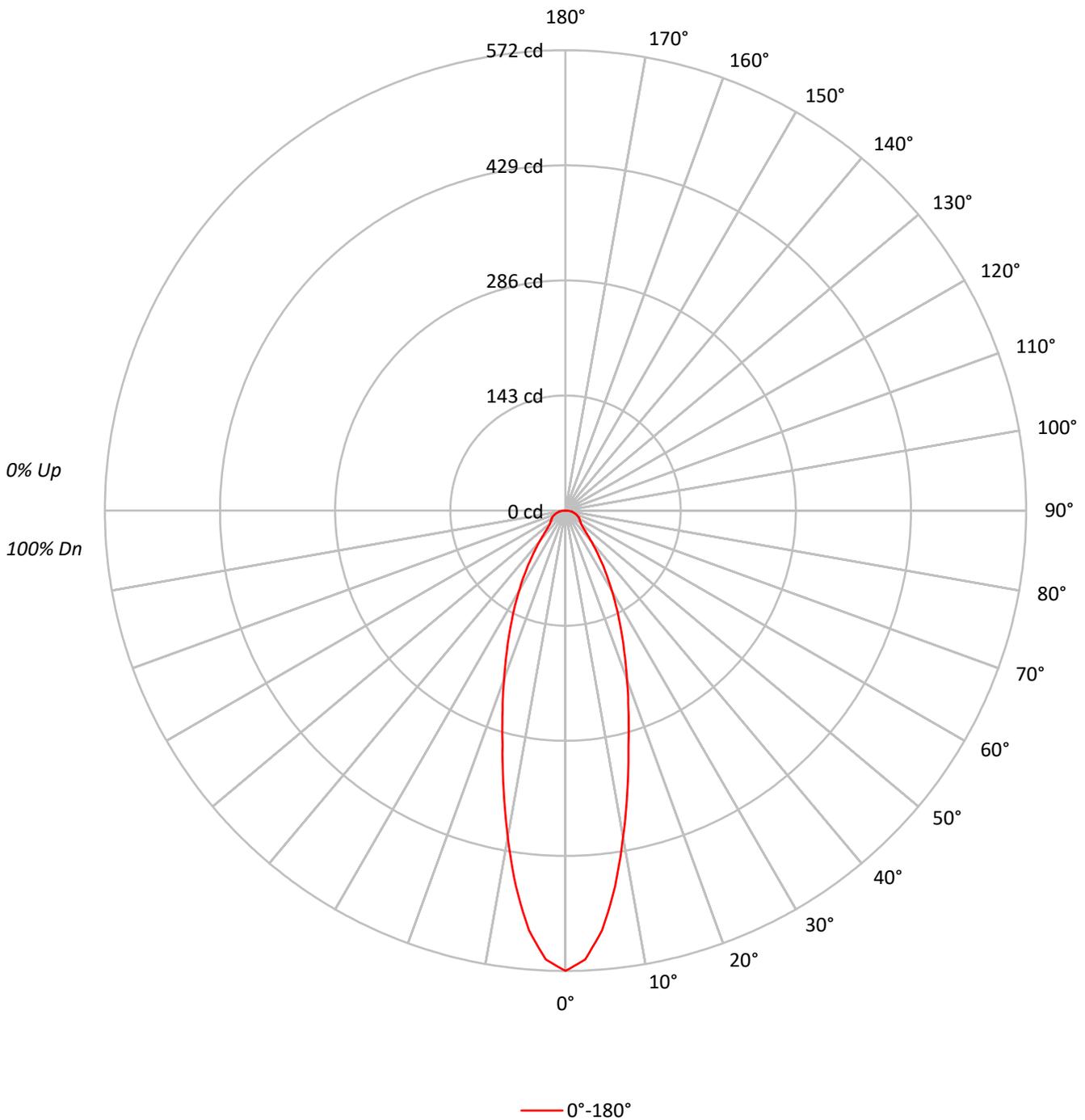
Test Method: LM-79-2019  
Report Number: P1256865  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R109040DE010 E3PHLP1MW  
Description: 3in Adjustable LED luminaire with, R10 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 335.0 lumens  
Efficiency: N/A  
Efficacy: 26.8 lumens/watt  
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 12.5  
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	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90				90
2	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	81				81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74				74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68				68
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	63				63
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59				59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52				52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49				49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46				46

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

	0°
0°	125385
5°	115122
10°	91737
15°	68559
20°	52061
25°	39414
30°	29169
35°	20826
40°	14255
45°	9986
50°	8494
55°	8334
60°	8640
65°	9132
70°	9296
75°	9658
80°	10481
85°	10567

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 12264 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	46.3	13.8
10°-20°	84.7	25.3
20°-30°	75.0	22.4
30°-40°	49.2	14.7
40°-50°	26.3	7.8
50°-60°	19.9	5.9
60°-70°	17.1	5.1
70°-80°	11.8	3.5
80°-90°	4.8	1.4
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°	206.1	61.5
0°-40°	255.2	76.2
0°-60°	301.3	89.9
0°-90°	335.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	335.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	572	
5°	523	46
15°	302	85
25°	163	75
35°	78	49
45°	32	26
55°	22	20
65°	18	17
75°	11	12
85°	4	5
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	571.8
2.5°	558.3
5°	523.0
7.5°	471.1
10°	412.0
12.5°	354.9
15°	302.0
17.5°	259.4
20°	223.1
22.5°	190.9
25°	162.9
27.5°	138.0
30°	115.2
32.5°	95.5
35°	77.8
37.5°	62.3
40°	49.8
42.5°	39.4
45°	32.2
47.5°	28.0
50°	24.9
52.5°	23.9
55°	21.8
57.5°	20.8
60°	19.7
62.5°	18.7
65°	17.6
67.5°	15.6
70°	14.5
72.5°	12.5
75°	11.4
77.5°	9.3
80°	8.3
82.5°	7.3
85°	4.2
87.5°	2.1
90°	0.0

(END OF REPORT)