

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: P1286713

Luminaire Tested: P3AS09R159030D2WDE010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

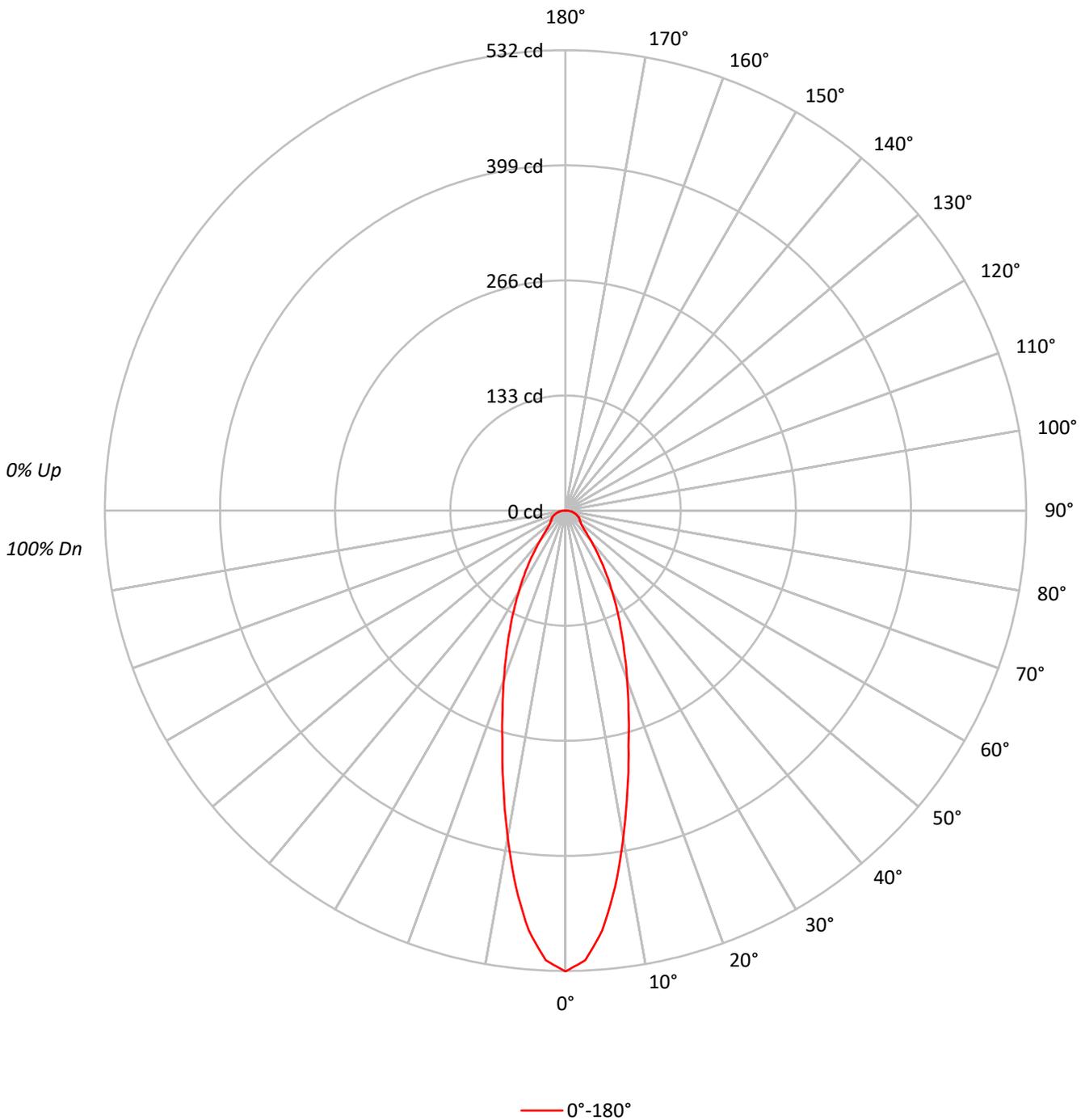
Test Method: LM-79-2019  
Report Number: P1286713  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R159030D2WDE010 E3PHLP1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,  
E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 312.0 lumens  
Efficiency: N/A  
Efficacy: 21.2 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): 14.7  
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			
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90			
2	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	81			
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74			
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68			
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	63			
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59			
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52			
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49			
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46			

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

	0°
0°	116767
5°	107220
10°	85436
15°	63860
20°	48491
25°	36704
30°	27169
35°	19408
40°	13282
45°	9303
50°	7914
55°	7761
60°	8070
65°	8509
70°	8655
75°	8981
80°	9723
85°	9812

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 11424 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	43.1	13.8
10°-20°	78.9	25.3
20°-30°	69.9	22.4
30°-40°	45.8	14.7
40°-50°	24.5	7.8
50°-60°	18.5	5.9
60°-70°	15.9	5.1
70°-80°	11.0	3.5
80°-90°	4.5	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°	191.9	61.5
0°-40°	237.7	76.2
0°-60°	280.6	90.0
0°-90°	312.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	312.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	532	
5°	487	43
15°	281	79
25°	152	70
35°	72	46
45°	30	24
55°	20	18
65°	16	16
75°	11	11
85°	4	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	532.5
2.5°	520.0
5°	487.1
7.5°	438.8
10°	383.7
12.5°	330.5
15°	281.3
17.5°	241.6
20°	207.8
22.5°	177.8
25°	151.7
27.5°	128.5
30°	107.3
32.5°	88.9
35°	72.5
37.5°	58.0
40°	46.4
42.5°	36.7
45°	30.0
47.5°	26.1
50°	23.2
52.5°	22.2
55°	20.3
57.5°	19.3
60°	18.4
62.5°	17.4
65°	16.4
67.5°	14.5
70°	13.5
72.5°	11.6
75°	10.6
77.5°	8.7
80°	7.7
82.5°	6.8
85°	3.9
87.5°	1.9
90°	0.0

(END OF REPORT)