

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: P1286770

Luminaire Tested: P3AS09R259030D2WDE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

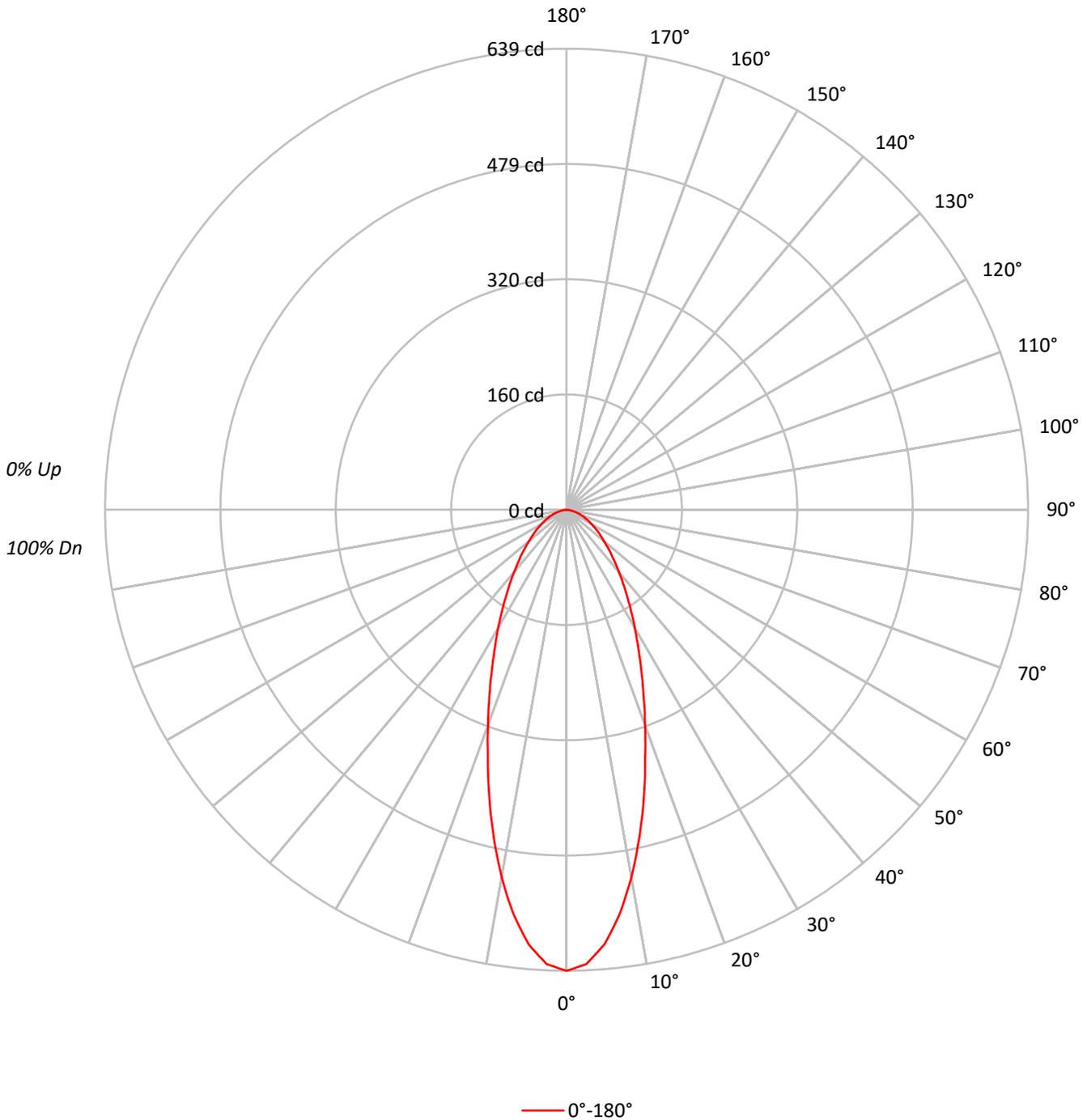
Test Method: LM-79-2019  
Report Number: P1286770  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R259030D2WDE010 E3PHLD1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,  
E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 537.0 lumens  
Efficiency: N/A  
Efficacy: 36.5 lumens/watt  
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71  
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
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	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80		
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72		
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	65		
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	59		
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	55		
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	50		
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47		
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44		
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	41		

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

	0°
0°	140120
5°	132995
10°	115206
15°	93780
20°	74113
25°	59084
30°	47906
35°	39003
40°	32318
45°	27228
50°	23061
55°	20300
60°	17762
65°	15514
70°	13592
75°	11438
80°	8587
85°	4780

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 27228 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	54.9	10.2
10°-20°	114.6	21.3
20°-30°	112.9	21.0
30°-40°	91.9	17.1
40°-50°	68.2	12.7
50°-60°	47.6	8.9
60°-70°	29.8	5.5
70°-80°	14.4	2.7
80°-90°	2.8	0.5
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°	282.3	52.6
0°-40°	374.2	69.7
0°-60°	490.0	91.3
0°-90°	537.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	537.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	639	
5°	604	55
15°	413	115
25°	244	113
35°	146	92
45°	88	68
55°	53	48
65°	30	30
75°	14	14
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	639.0
2.5°	630.3
5°	604.2
7.5°	564.7
10°	517.4
12.5°	465.2
15°	413.1
17.5°	362.0
20°	317.6
22.5°	278.9
25°	244.2
27.5°	214.3
30°	189.2
32.5°	166.0
35°	145.7
37.5°	128.4
40°	112.9
42.5°	99.4
45°	87.8
47.5°	77.2
50°	67.6
52.5°	59.8
55°	53.1
57.5°	46.3
60°	40.5
62.5°	34.7
65°	29.9
67.5°	25.1
70°	21.2
72.5°	17.4
75°	13.5
77.5°	9.7
80°	6.8
82.5°	3.9
85°	1.9
87.5°	1.0
90°	0.0

(END OF REPORT)