

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: P1248833

Luminaire Tested: P3AS09R259027DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

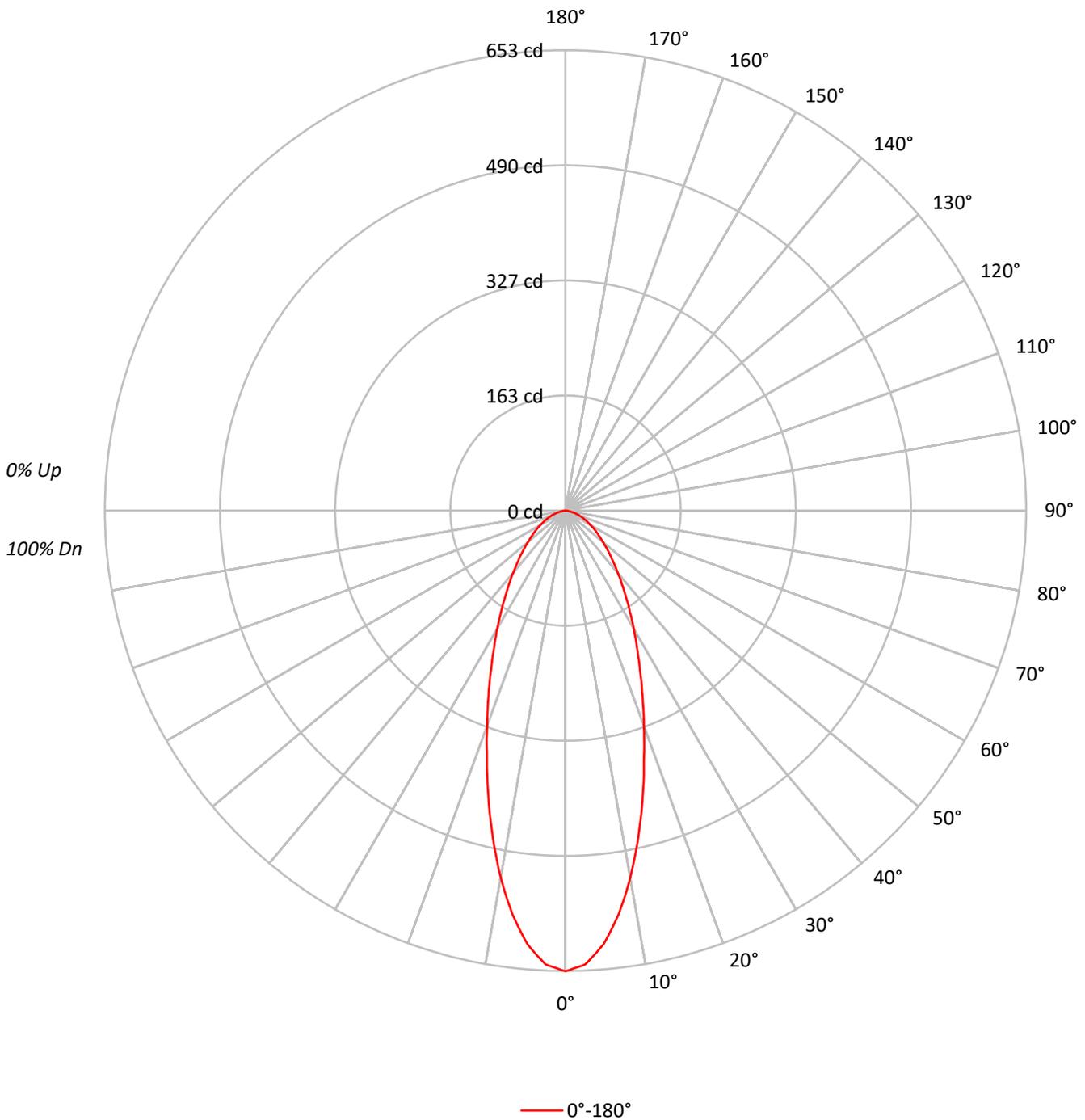
Test Method: LM-79-2019  
Report Number: P1248833  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R259027DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 549.0 lumens  
Efficiency: N/A  
Efficacy: 49.5 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): 11.1  
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				
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	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90	90	90	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80	80	80	80
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72	72	72	72
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	65	65	65	65
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	59	59	59	59
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	55	55	55	55
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	50	50	50	50
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47	47	47	47
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44	44	44	44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	41	41	41	41

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

	0°
0°	143256
5°	135967
10°	117767
15°	95869
20°	75770
25°	60415
30°	48970
35°	39886
40°	33062
45°	27848
50°	23573
55°	20759
60°	18156
65°	15877
70°	13913
75°	11692
80°	8713
85°	5032

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 27848 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	56.1	10.2
10°-20°	117.1	21.3
20°-30°	115.4	21.0
30°-40°	94.0	17.1
40°-50°	69.7	12.7
50°-60°	48.7	8.9
60°-70°	30.5	5.6
70°-80°	14.7	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°	288.6	52.6
0°-40°	382.6	69.7
0°-60°	501.0	91.3
0°-90°	549.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	549.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	653	
5°	618	56
15°	422	117
25°	250	115
35°	149	94
45°	90	70
55°	54	49
65°	31	30
75°	14	15
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	653.3
2.5°	644.4
5°	617.7
7.5°	577.3
10°	528.9
12.5°	475.6
15°	422.3
17.5°	370.0
20°	324.7
22.5°	285.2
25°	249.7
27.5°	219.1
30°	193.4
32.5°	169.7
35°	149.0
37.5°	131.2
40°	115.5
42.5°	101.6
45°	89.8
47.5°	78.9
50°	69.1
52.5°	61.2
55°	54.3
57.5°	47.4
60°	41.4
62.5°	35.5
65°	30.6
67.5°	25.7
70°	21.7
72.5°	17.8
75°	13.8
77.5°	9.9
80°	6.9
82.5°	3.9
85°	2.0
87.5°	1.0
90°	0.0

(END OF REPORT)