

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: P1257361

Luminaire Tested: P3AS13R259040DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

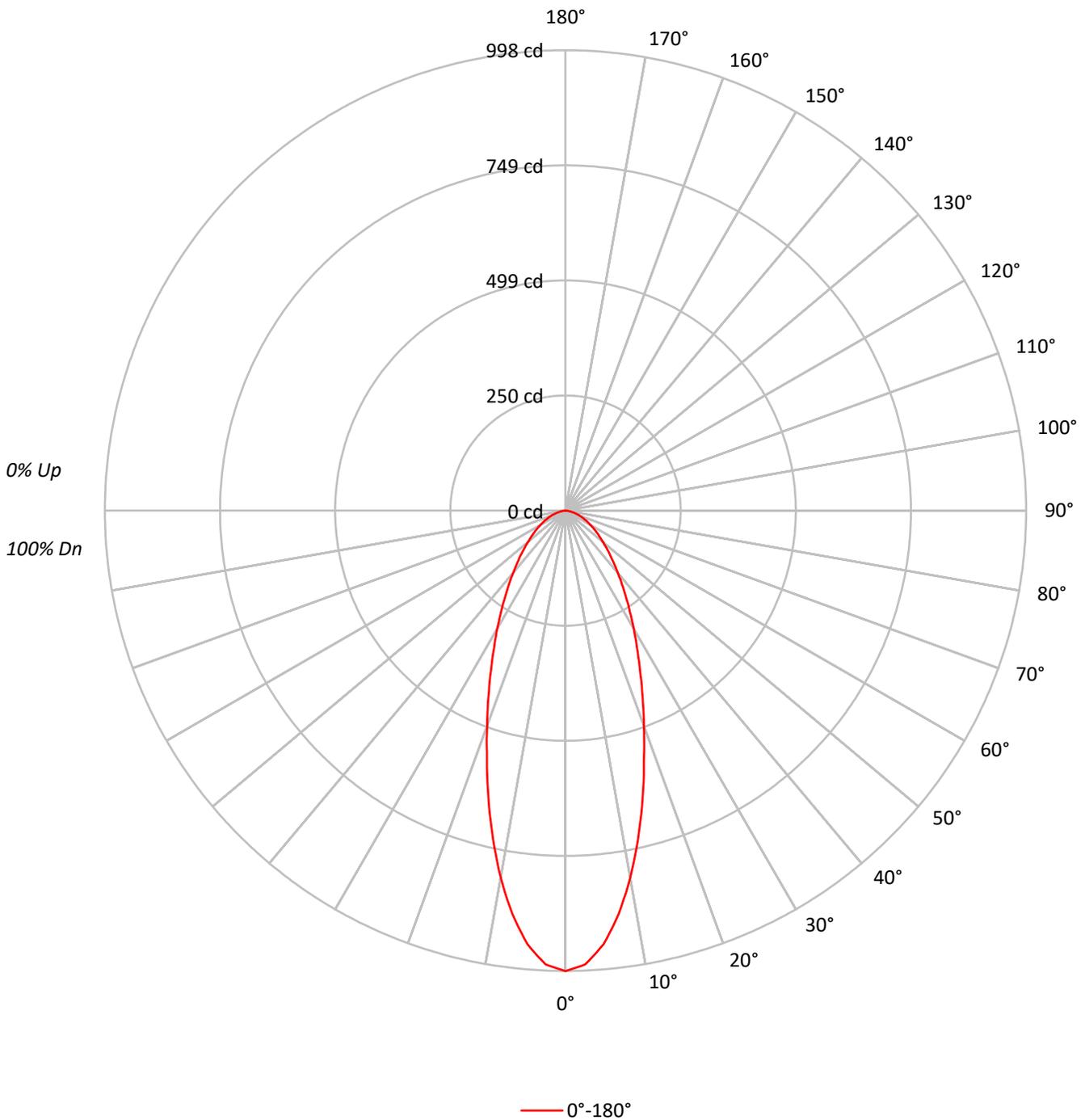
Test Method: LM-79-2019  
Report Number: P1257361  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R259040DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 838.9 lumens  
Efficiency: N/A  
Efficacy: 57.5 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): 14.6  
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	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°	218908
5°	207792
10°	179979
15°	146516
20°	115767
25°	92304
30°	74847
35°	60954
40°	50495
45°	42547
50°	36024
55°	31693
60°	27761
65°	24231
70°	21286
75°	17877
80°	13386
85°	7548

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 42547 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	85.7	10.2
10°-20°	179.0	21.3
20°-30°	176.4	21.0
30°-40°	143.6	17.1
40°-50°	106.5	12.7
50°-60°	74.4	8.9
60°-70°	46.6	5.6
70°-80°	22.4	2.7
80°-90°	4.3	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°	441.1	52.6
0°-40°	584.7	69.7
0°-60°	765.6	91.3
0°-90°	838.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	838.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	998	
5°	944	86
15°	645	179
25°	382	176
35°	228	144
45°	137	107
55°	83	74
65°	47	47
75°	21	22
85°	3	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	998.3
2.5°	984.8
5°	944.0
7.5°	882.2
10°	808.3
12.5°	726.9
15°	645.4
17.5°	565.5
20°	496.1
22.5°	435.8
25°	381.5
27.5°	334.8
30°	295.6
32.5°	259.4
35°	227.7
37.5°	200.6
40°	176.4
42.5°	155.3
45°	137.2
47.5°	120.6
50°	105.6
52.5°	93.5
55°	82.9
57.5°	72.4
60°	63.3
62.5°	54.3
65°	46.7
67.5°	39.2
70°	33.2
72.5°	27.1
75°	21.1
77.5°	15.1
80°	10.6
82.5°	6.0
85°	3.0
87.5°	1.5
90°	0.0

(END OF REPORT)