

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: P1255720

Luminaire Tested: P3A24R259035D010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

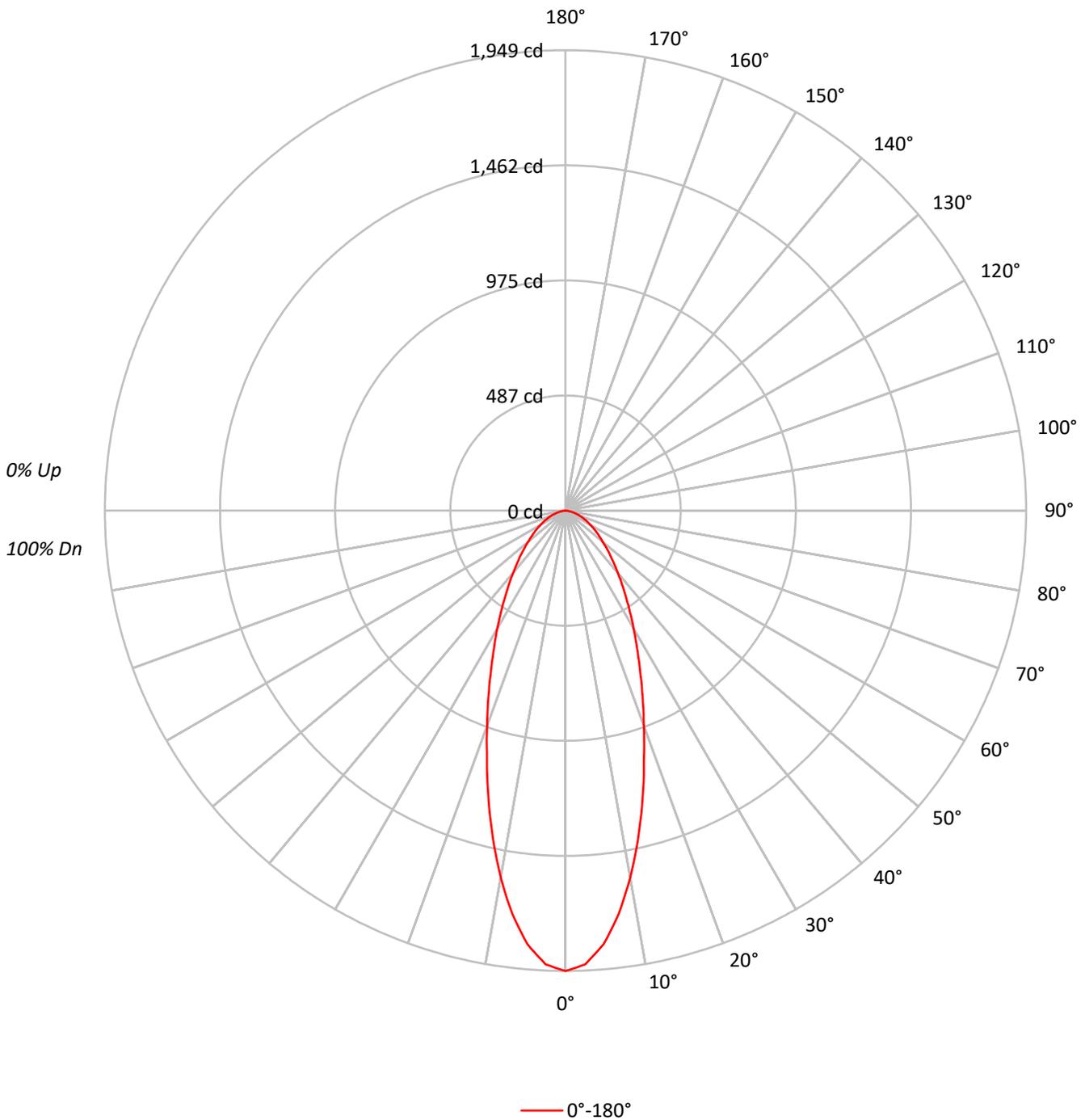
Test Method: LM-79-2019  
Report Number: P1255720  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A24R259035D010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1638.0 lumens  
Efficiency: N/A  
Efficacy: 56.9 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): 28.8  
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°	427378
5°	405700
10°	351385
15°	286063
20°	226026
25°	180228
30°	146124
35°	119016
40°	98613
45°	83078
50°	70309
55°	61895
60°	54250
65°	47372
70°	41545
75°	34906
80°	26013
85°	14844

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 83078 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	167.4	10.2
10°-20°	349.4	21.3
20°-30°	344.4	21.0
30°-40°	280.4	17.1
40°-50°	208.0	12.7
50°-60°	145.2	8.9
60°-70°	91.0	5.6
70°-80°	43.8	2.7
80°-90°	8.4	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°	861.2	52.6
0°-40°	1141.6	69.7
0°-60°	1494.8	91.3
0°-90°	1638.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1638.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1949	
5°	1843	167
15°	1260	349
25°	745	344
35°	445	280
45°	268	208
55°	162	145
65°	91	91
75°	41	44
85°	6	8
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1949.0
2.5°	1922.6
5°	1843.1
7.5°	1722.3
10°	1578.1
12.5°	1419.1
15°	1260.1
17.5°	1104.1
20°	968.6
22.5°	850.9
25°	744.9
27.5°	653.6
30°	577.1
32.5°	506.4
35°	444.6
37.5°	391.6
40°	344.5
42.5°	303.3
45°	267.9
47.5°	235.5
50°	206.1
52.5°	182.5
55°	161.9
57.5°	141.3
60°	123.7
62.5°	106.0
65°	91.3
67.5°	76.5
70°	64.8
72.5°	53.0
75°	41.2
77.5°	29.4
80°	20.6
82.5°	11.8
85°	5.9
87.5°	2.9
90°	0.0

(END OF REPORT)