

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: P1265712

Luminaire Tested: P3AS20R159730D010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1265712  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R159730D010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

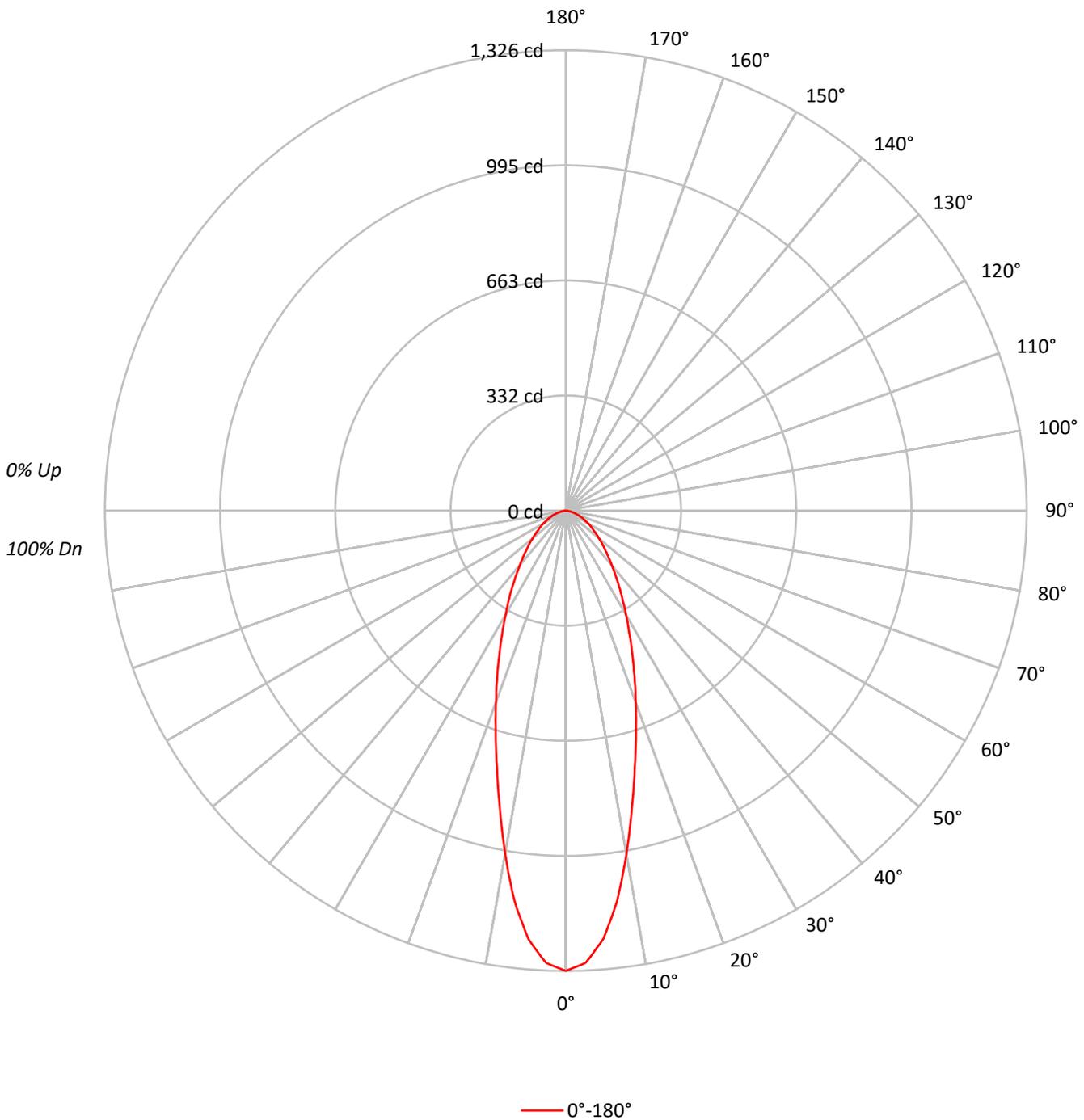
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 999.0 lumens  
Efficiency: N/A  
Efficacy: 34.7 lumens/watt  
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66  
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	102	102	102	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	95	93	92	90
2	104	98	93	89	102	97	92	88	93	89	86	90	87	84	87	85	82	87	85	82	80
3	98	90	84	79	96	88	83	78	85	81	77	83	79	75	81	77	74	81	77	74	72
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	75	71	67	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	70	65	62	60
6	81	71	63	58	79	70	63	58	68	62	58	67	61	57	65	60	57	65	60	57	55
7	77	66	59	54	75	65	58	54	64	58	53	62	57	53	61	56	53	61	56	53	51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	58	53	49	47
9	69	58	51	47	68	57	51	46	56	50	46	55	50	46	54	49	46	54	49	46	44
10	65	54	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	52	47	43	42

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

	0°
0°	290722
5°	272528
10°	223465
15°	173622
20°	137049
25°	109216
30°	87659
35°	71554
40°	58968
45°	49618
50°	42608
55°	36854
60°	32673
65°	28434
70°	25261
75°	20418
80°	16543
85°	11070

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 49618 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	110.6	11.1
10°-20°	214.2	21.4
20°-30°	208.2	20.8
30°-40°	168.3	16.8
40°-50°	124.9	12.5
50°-60°	87.3	8.7
60°-70°	54.7	5.5
70°-80°	26.0	2.6
80°-90°	4.8	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°	533.0	53.4
0°-40°	701.3	70.2
0°-60°	913.6	91.4
0°-90°	999.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	999.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1326	
5°	1238	111
15°	765	214
25°	451	208
35°	267	168
45°	160	125
55°	96	87
65°	55	55
75°	24	26
85°	4	5
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1325.8
2.5°	1303.8
5°	1238.1
7.5°	1132.9
10°	1003.6
12.5°	876.5
15°	764.8
17.5°	670.5
20°	587.3
22.5°	515.0
25°	451.4
27.5°	394.4
30°	346.2
32.5°	304.6
35°	267.3
37.5°	234.5
40°	206.0
42.5°	181.9
45°	160.0
47.5°	142.4
50°	124.9
52.5°	109.6
55°	96.4
57.5°	85.5
60°	74.5
62.5°	63.5
65°	54.8
67.5°	46.0
70°	39.4
72.5°	30.7
75°	24.1
77.5°	17.5
80°	13.1
82.5°	6.6
85°	4.4
87.5°	0.0
90°	0.0

(END OF REPORT)