

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: P1253931

Luminaire Tested: P3AS05R359035DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

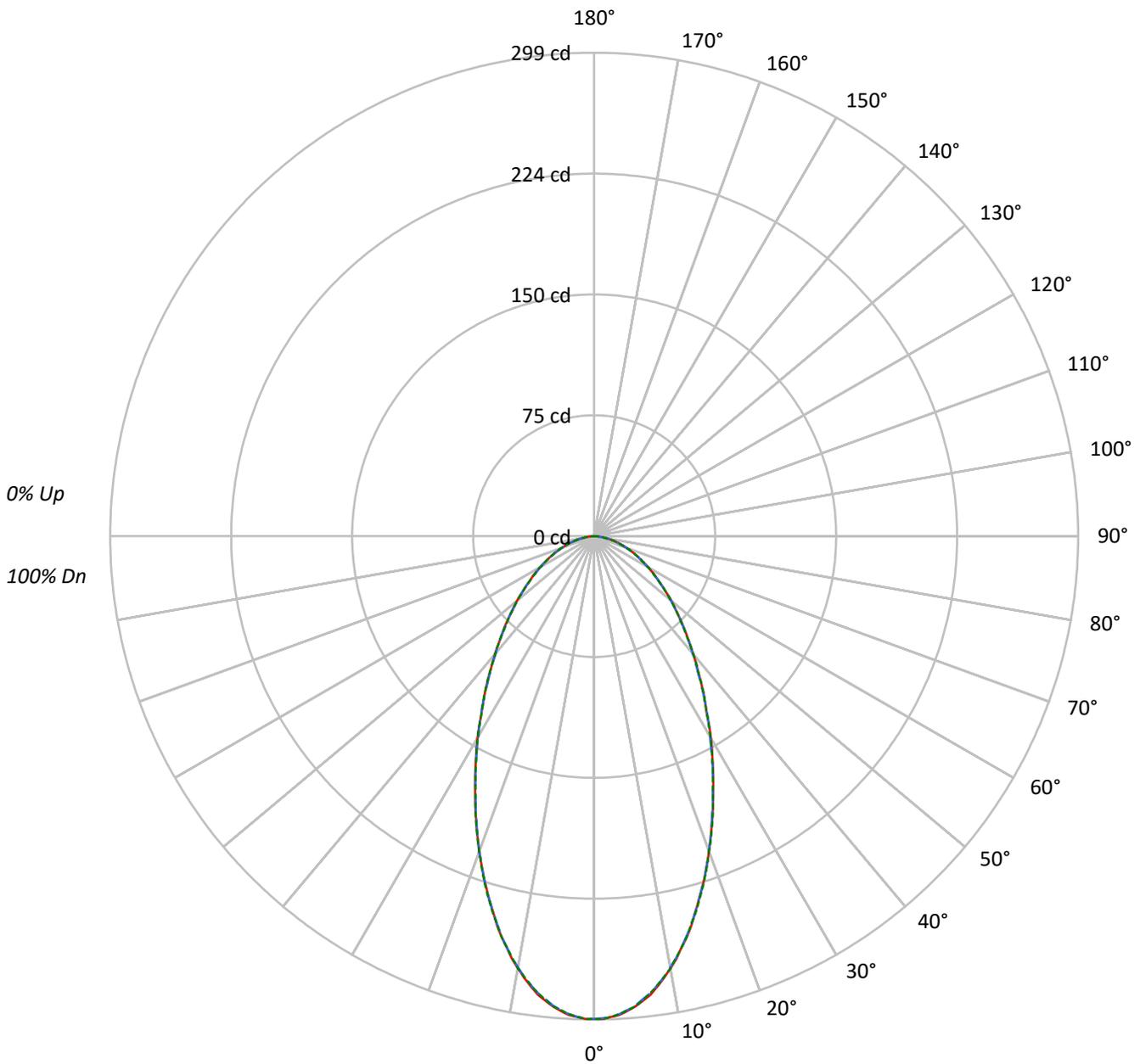
Test Method: LM-79-2019  
Report Number: P1253931  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R359035DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 399.0 lumens  
Efficiency: N/A  
Efficacy: 55.4 lumens/watt  
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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



— 0°-180°    - - 45°-225°    - - - 90°-270°



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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	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	88	88	88	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	77	77	77	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68	68	68	68
4	88	78	71	65	86	77	70	65	75	68	64	72	67	63	70	66	62	60	60	60	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	54	54	54	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	49	49	49	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	44	44	44	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	41	41	41	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	38	38	38	38
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	35	35	35	35

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

	0°	45°	90°
0°	65499	65499	65499
5°	64275	64164	64275
10°	60431	60320	60431
15°	54711	54711	54824
20°	48421	48421	48421
25°	42123	41978	41978
30°	36512	36259	36385
35°	31427	31293	31427
40°	27280	27108	27280
45°	23940	23785	23785
50°	21253	21082	21082
55°	18695	18695	18695
60°	16928	16709	16928
65°	15255	15255	15255
70°	13528	13528	13528
75°	12200	11777	12200
80°	10355	10355	10355
85°	6542	6542	6542

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 23940 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	27.2	6.8
10°-20°	67.2	16.8
20°-30°	79.9	20.0
30°-40°	73.4	18.4
40°-50°	59.6	14.9
50°-60°	44.1	11.1
60°-70°	29.1	7.3
70°-80°	15.1	3.8
80°-90°	3.4	0.8
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
<b>0°-30°</b>	<b>174.3</b>	<b>43.7</b>
<b>0°-40°</b>	<b>247.7</b>	<b>62.1</b>
<b>0°-60°</b>	<b>351.4</b>	<b>88.1</b>
<b>0°-90°</b>	<b>399.0</b>	<b>100.0</b>
90°-120°	0.0	0.0
90°-150°	0.0	0.0
<b>90°-180°</b>	<b>0.0</b>	<b>0.0</b>
<b>0°-180°</b>	<b>399.0</b>	<b>100.0</b>

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	299	299	299	299	299	
5°	292	292	292	292	292	27
15°	241	241	241	241	242	67
25°	174	174	174	174	174	80
35°	117	117	117	117	117	74
45°	77	77	77	77	77	60
55°	49	49	49	49	49	44
65°	29	29	29	29	29	29
75°	14	14	14	14	14	15
85°	3	3	3	3	3	3
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	298.7	298.7	298.7	298.7	298.7
1°	298.7	298.2	298.2	298.2	298.7
2°	297.6	297.6	297.6	297.6	297.6
3°	296.6	296.1	296.1	296.1	296.1
4°	294.5	294.0	294.0	294.0	294.0
5°	292.0	291.5	291.5	291.5	292.0
6°	288.9	288.4	287.9	287.9	288.4
7°	285.8	284.8	284.8	284.8	284.8
8°	281.2	280.6	280.6	280.6	280.6
9°	276.5	275.5	276.0	276.0	276.0
10°	271.4	270.9	270.9	270.9	271.4
11°	266.2	265.7	265.7	265.2	265.7
12°	260.0	260.0	260.0	260.0	260.0
13°	254.4	253.9	253.9	253.9	254.4
14°	248.2	247.7	247.7	247.7	247.7
15°	241.0	241.0	241.0	241.0	241.5
17.5°	224.5	224.0	224.5	224.5	225.0
20°	207.5	207.0	207.5	207.5	207.5
22.5°	190.5	190.5	190.0	190.5	191.0
25°	174.1	173.5	173.5	174.1	173.5
27.5°	158.6	158.1	158.1	158.1	158.1
30°	144.2	143.2	143.2	143.7	143.7
32.5°	129.3	129.3	129.8	129.3	129.3
35°	117.4	116.9	116.9	117.4	117.4
37.5°	105.6	105.0	105.0	105.6	105.6
40°	95.3	95.3	94.7	95.3	95.3
42.5°	85.5	85.5	85.5	85.5	85.5
45°	77.2	76.7	76.7	76.7	76.7
47.5°	69.0	69.0	69.0	68.5	69.0
50°	62.3	61.8	61.8	61.8	61.8
52.5°	55.1	55.1	55.1	55.1	55.1
55°	48.9	48.9	48.9	48.9	48.9
57.5°	43.8	43.3	43.3	43.3	43.3
60°	38.6	38.6	38.1	38.6	38.6
62.5°	33.5	33.5	33.5	33.5	33.5
65°	29.4	29.4	29.4	29.4	29.4
67.5°	25.2	25.2	25.2	25.2	25.2
70°	21.1	21.1	21.1	21.1	21.1
72.5°	18.0	17.5	17.5	17.5	17.5
75°	14.4	14.4	13.9	14.4	14.4
77.5°	10.8	10.8	10.8	10.8	10.8
80°	8.2	8.2	8.2	7.7	8.2
82.5°	5.1	5.1	5.1	5.1	5.1
85°	2.6	2.6	2.6	2.6	2.6
87.5°	0.5	0.5	0.5	1.0	1.0



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)