

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: P1267831

Luminaire Tested: P3A17R359735DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

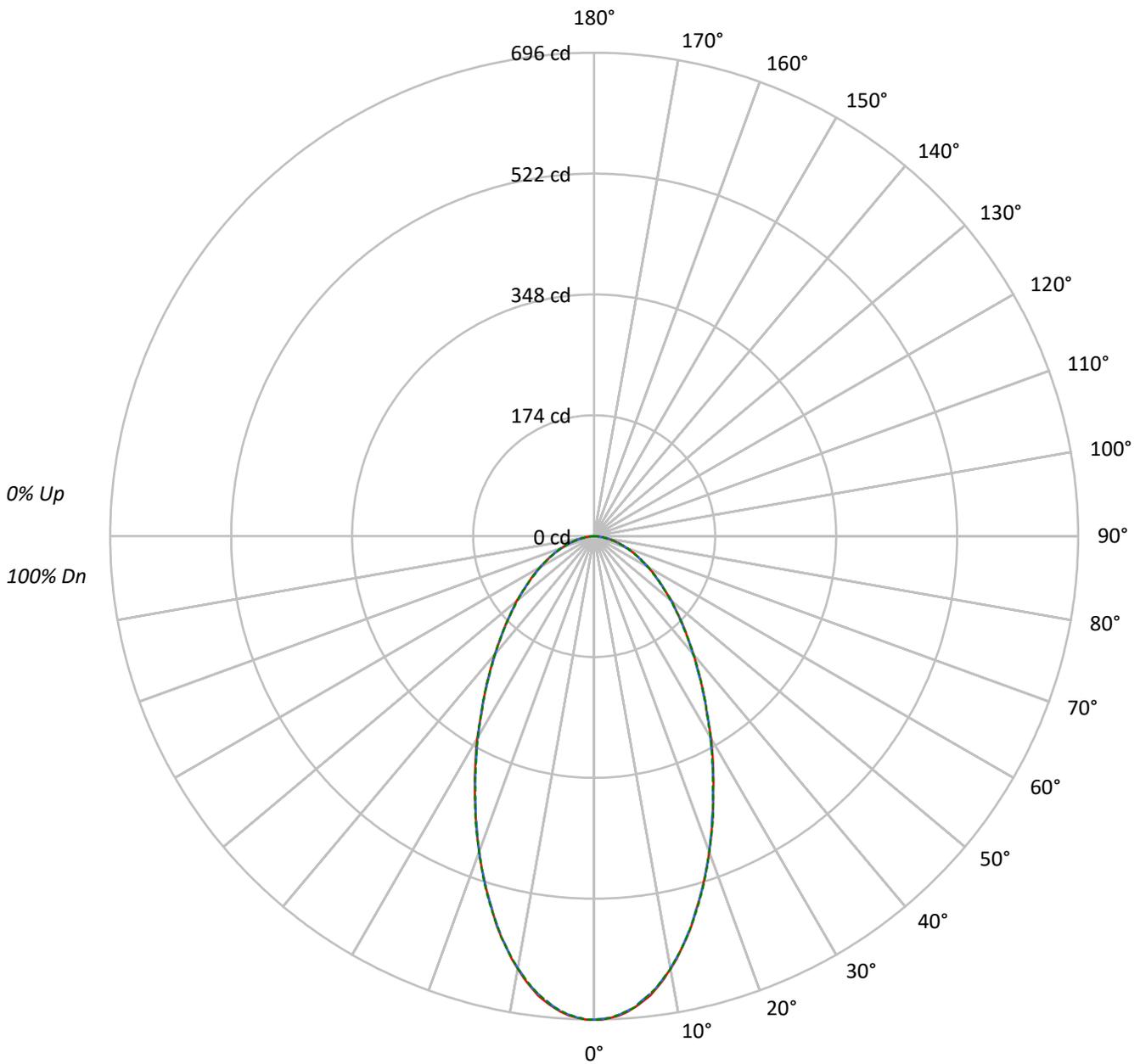
Test Method: LM-79-2019  
Report Number: P1267831  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R359735DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 929.9 lumens  
Efficiency: N/A  
Efficacy: 43.9 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): 21.2  
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	102	102	102	100
1	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	77	73	70	68
4	88	78	71	65	86	77	70	65	75	68	64	72	67	63	70	66	62	70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	65	60	56	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	48	43	39	38
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	45	40	36	35

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

	0°	45°	90°
0°	152641	152641	152641
5°	149790	149526	149790
10°	140835	140567	140835
15°	127515	127515	127787
20°	112873	112873	112873
25°	98159	97869	97869
30°	85102	84494	84798
35°	73267	72946	73267
40°	63548	63204	63548
45°	55820	55448	55448
50°	49534	49124	49124
55°	43583	43583	43583
60°	39471	38944	39471
65°	35490	35490	35490
70°	31544	31544	31544
75°	28467	27450	28467
80°	24246	24246	24246
85°	15096	15096	15096

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 55820 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	63.3	6.8
10°-20°	156.7	16.8
20°-30°	186.2	20.0
30°-40°	171.1	18.4
40°-50°	138.9	14.9
50°-60°	102.8	11.1
60°-70°	67.9	7.3
70°-80°	35.2	3.8
80°-90°	7.9	0.9
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°	406.2	43.7
0°-40°	577.3	62.1
0°-60°	818.9	88.1
0°-90°	929.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	929.9	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	696	696	696	696	696	
5°	680	679	679	679	680	63
15°	562	562	562	562	563	157
25°	406	404	404	406	404	187
35°	274	272	272	274	274	171
45°	180	179	179	179	179	139
55°	114	114	114	114	114	103
65°	68	68	68	68	68	68
75°	34	34	32	34	34	36
85°	6	6	6	6	6	8
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	696.1	696.1	696.1	696.1	696.1
1°	696.1	694.9	694.9	694.9	696.1
2°	693.7	693.7	693.7	693.7	693.7
3°	691.3	690.1	690.1	690.1	690.1
4°	686.5	685.3	685.3	685.3	685.3
5°	680.5	679.3	679.3	679.3	680.5
6°	673.3	672.1	670.9	670.9	672.1
7°	666.1	663.7	663.7	663.7	663.7
8°	655.3	654.1	654.1	654.1	654.1
9°	644.5	642.1	643.3	643.3	643.3
10°	632.5	631.3	631.3	631.3	632.5
11°	620.5	619.3	619.3	618.1	619.3
12°	606.1	606.1	606.1	606.1	606.1
13°	592.9	591.7	591.7	591.7	592.9
14°	578.5	577.3	577.3	577.3	577.3
15°	561.7	561.7	561.7	561.7	562.9
17.5°	523.3	522.1	523.3	523.3	524.5
20°	483.7	482.5	483.7	483.7	483.7
22.5°	444.1	444.1	442.9	444.1	445.3
25°	405.7	404.5	404.5	405.7	404.5
27.5°	369.7	368.5	368.5	368.5	368.5
30°	336.1	333.7	333.7	334.9	334.9
32.5°	301.3	301.3	302.5	301.3	301.3
35°	273.7	272.5	272.5	273.7	273.7
37.5°	246.0	244.8	244.8	246.0	246.0
40°	222.0	222.0	220.8	222.0	222.0
42.5°	199.2	199.2	199.2	199.2	199.2
45°	180.0	178.8	178.8	178.8	178.8
47.5°	160.8	160.8	160.8	159.6	160.8
50°	145.2	144.0	144.0	144.0	144.0
52.5°	128.4	128.4	128.4	128.4	128.4
55°	114.0	114.0	114.0	114.0	114.0
57.5°	102.0	100.8	100.8	100.8	100.8
60°	90.0	90.0	88.8	90.0	90.0
62.5°	78.0	78.0	78.0	78.0	78.0
65°	68.4	68.4	68.4	68.4	68.4
67.5°	58.8	58.8	58.8	58.8	58.8
70°	49.2	49.2	49.2	49.2	49.2
72.5°	42.0	40.8	40.8	40.8	40.8
75°	33.6	33.6	32.4	33.6	33.6
77.5°	25.2	25.2	25.2	25.2	25.2
80°	19.2	19.2	19.2	18.0	19.2
82.5°	12.0	12.0	12.0	12.0	12.0
85°	6.0	6.0	6.0	6.0	6.0
87.5°	1.2	1.2	1.2	2.4	2.4



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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)