

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: P1274410

Luminaire Tested: P3AS17R359830DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

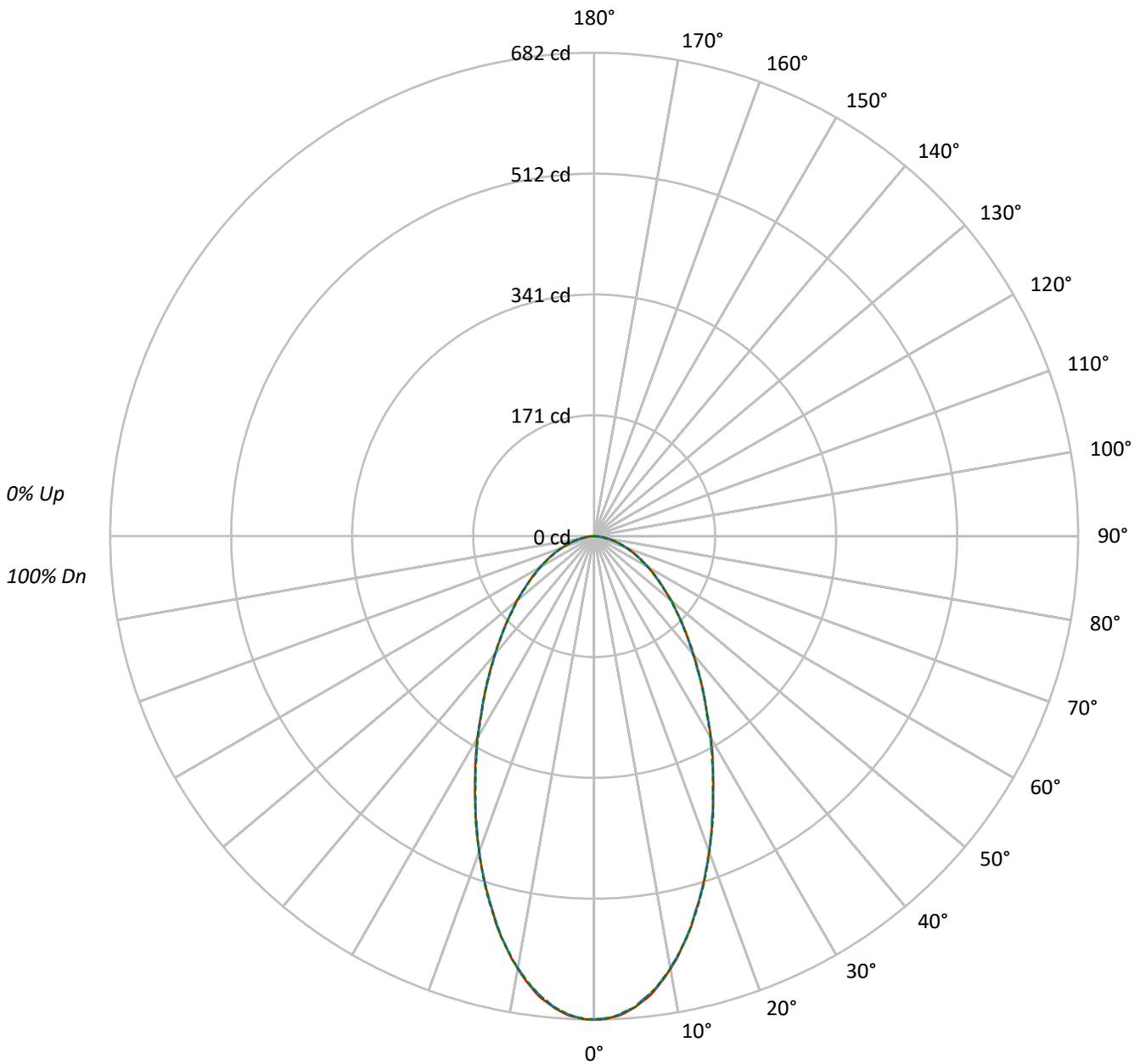
Test Method: LM-79-2019  
Report Number: P1274410  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R359830DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 911.0 lumens  
Efficiency: N/A  
Efficacy: 44.7 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): 20.4  
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% Up  
100% Dn

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



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 CATALOG NUMBER: P3AS17R359830DE010 E3PHLD1MW

**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°	149527	149527	149527
5°	146731	146489	146731
10°	137962	137695	137962
15°	124904	124904	125177
20°	110563	110563	110563
25°	96151	95860	95860
30°	83355	82772	83051
35°	71768	71447	71768
40°	62260	61916	62260
45°	54703	54331	54331
50°	48544	48135	48135
55°	42703	42703	42703
60°	38681	38155	38681
65°	34764	34764	34764
70°	30903	30903	30903
75°	27874	26857	27874
80°	23740	23740	23740
85°	14844	14844	14844

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 54703 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	62.0	6.8
10°-20°	153.5	16.8
20°-30°	182.4	20.0
30°-40°	167.6	18.4
40°-50°	136.1	14.9
50°-60°	100.7	11.1
60°-70°	66.5	7.3
70°-80°	34.5	3.8
80°-90°	7.8	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°	397.9	43.7
0°-40°	565.5	62.1
0°-60°	802.2	88.1
0°-90°	911.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	911.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	682	682	682	682	682	
5°	667	666	666	666	667	62
15°	550	550	550	550	551	154
25°	397	396	396	397	396	183
35°	268	267	267	268	268	168
45°	176	175	175	175	175	136
55°	112	112	112	112	112	101
65°	67	67	67	67	67	67
75°	33	33	32	33	33	35
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°	681.9	681.9	681.9	681.9	681.9
1°	681.9	680.7	680.7	680.7	681.9
2°	679.6	679.6	679.6	679.6	679.6
3°	677.2	676.0	676.0	676.0	676.0
4°	672.5	671.3	671.3	671.3	671.3
5°	666.6	665.5	665.5	665.5	666.6
6°	659.6	658.4	657.2	657.2	658.4
7°	652.5	650.2	650.2	650.2	650.2
8°	641.9	640.8	640.8	640.8	640.8
9°	631.4	629.0	630.2	630.2	630.2
10°	619.6	618.4	618.4	618.4	619.6
11°	607.8	606.7	606.7	605.5	606.7
12°	593.7	593.7	593.7	593.7	593.7
13°	580.8	579.6	579.6	579.6	580.8
14°	566.7	565.5	565.5	565.5	565.5
15°	550.2	550.2	550.2	550.2	551.4
17.5°	512.6	511.4	512.6	512.6	513.8
20°	473.8	472.6	473.8	473.8	473.8
22.5°	435.0	435.0	433.8	435.0	436.2
25°	397.4	396.2	396.2	397.4	396.2
27.5°	362.1	360.9	360.9	360.9	360.9
30°	329.2	326.9	326.9	328.0	328.0
32.5°	295.1	295.1	296.3	295.1	295.1
35°	268.1	266.9	266.9	268.1	268.1
37.5°	241.0	239.8	239.8	241.0	241.0
40°	217.5	217.5	216.3	217.5	217.5
42.5°	195.2	195.2	195.2	195.2	195.2
45°	176.4	175.2	175.2	175.2	175.2
47.5°	157.5	157.5	157.5	156.4	157.5
50°	142.3	141.1	141.1	141.1	141.1
52.5°	125.8	125.8	125.8	125.8	125.8
55°	111.7	111.7	111.7	111.7	111.7
57.5°	99.9	98.8	98.8	98.8	98.8
60°	88.2	88.2	87.0	88.2	88.2
62.5°	76.4	76.4	76.4	76.4	76.4
65°	67.0	67.0	67.0	67.0	67.0
67.5°	57.6	57.6	57.6	57.6	57.6
70°	48.2	48.2	48.2	48.2	48.2
72.5°	41.2	40.0	40.0	40.0	40.0
75°	32.9	32.9	31.7	32.9	32.9
77.5°	24.7	24.7	24.7	24.7	24.7
80°	18.8	18.8	18.8	17.6	18.8
82.5°	11.8	11.8	11.8	11.8	11.8
85°	5.9	5.9	5.9	5.9	5.9
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)