

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: P1300583

Luminaire Tested: P3A17R35W2N902750DE010 E3PHLP1MW\_5000K

Issue Date: 1/29/2026

**Test Information**

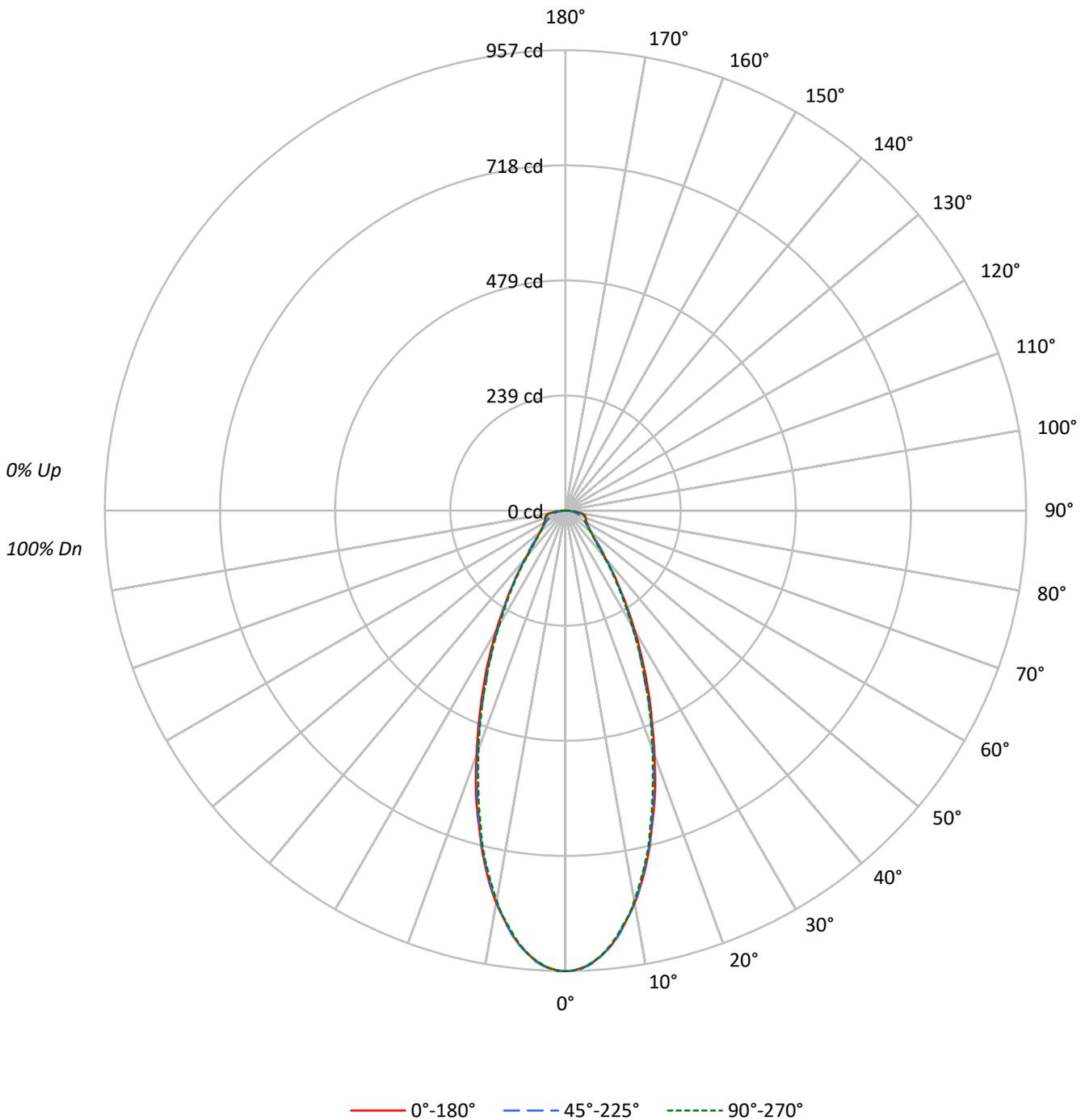
Test Method: LM-79-2019  
Report Number: P1300583  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R35W2N902750DE010 E3PHLP1MW\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,  
E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 792.0 lumens  
Efficiency: N/A  
Efficacy: 40.8 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 19.4  
Input Voltage (V): NR  
Input Current (Ain): 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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89		
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	79		
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	72		
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65		
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	65	62	60		
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	56		
7	77	66	60	55	76	66	59	54	64	58	54	63	58	54	62	57	54	52		
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	49		
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	46		
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	43		

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

	0°	45°	90°
0°	209917	209917	209917
5°	203015	203279	203015
10°	184432	184143	183341
15°	156550	156005	154643
20°	126034	124354	123234
25°	97433	94505	94505
30°	72644	70213	69606
35°	52280	51638	50353
40°	36583	37613	35209
45°	27290	28778	26545
50°	23436	23436	23027
55°	22135	21218	21677
60°	22717	20612	21665
65°	24387	20651	23764
70°	28595	21670	27825
75°	35753	22452	34737
80°	45713	24372	41167
85°	36481	24153	36481

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 45713 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	85.0	10.7
10°-20°	189.7	24.0
20°-30°	181.2	22.9
30°-40°	121.7	15.4
40°-50°	71.5	9.0
50°-60°	51.1	6.5
60°-70°	42.5	5.4
70°-80°	34.9	4.4
80°-90°	14.4	1.8
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
0°-30°	456.0	57.6
0°-40°	577.7	72.9
0°-60°	700.2	88.4
0°-90°	792.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	792.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	957	957	957	957	957	
5°	922	925	924	922	922	85
15°	690	691	687	682	681	191
25°	403	398	391	391	391	185
35°	195	195	193	189	188	124
45°	88	90	93	88	86	71
55°	58	57	56	56	57	53
65°	47	42	40	42	46	47
75°	42	33	26	33	41	44
85°	14	16	10	16	14	16
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	957.3	957.3	957.3	957.3	957.3
1°	956.0	957.3	957.3	956.0	956.0
2°	951.2	953.6	952.4	951.2	952.4
3°	945.2	947.6	946.4	945.2	944.0
4°	935.5	938.0	936.8	934.3	934.3
5°	922.3	924.7	923.5	922.3	922.3
6°	909.0	911.4	909.0	906.6	906.6
7°	890.9	894.6	892.1	889.7	888.5
8°	870.4	874.1	871.7	870.4	868.0
9°	850.0	852.4	848.7	848.7	848.7
10°	828.3	829.5	827.0	823.4	823.4
11°	804.1	802.9	801.7	799.3	796.9
12°	777.6	777.6	774.0	771.6	770.4
13°	749.9	748.7	746.3	743.9	743.9
14°	721.0	721.0	718.5	713.7	714.9
15°	689.6	690.8	687.2	682.4	681.2
17.5°	618.5	616.1	610.0	606.4	602.8
20°	540.1	538.9	532.9	529.3	528.1
22.5°	467.8	466.6	460.5	456.9	459.3
25°	402.7	397.8	390.6	390.6	390.6
27.5°	342.4	336.4	331.5	329.1	331.5
30°	286.9	282.1	277.3	276.1	274.9
32.5°	237.5	235.1	232.7	229.1	229.1
35°	195.3	195.3	192.9	189.3	188.1
37.5°	159.1	160.3	159.1	155.5	154.3
40°	127.8	130.2	131.4	127.8	123.0
42.5°	104.9	108.5	110.9	104.9	101.3
45°	88.0	90.4	92.8	88.0	85.6
47.5°	77.2	78.4	79.6	76.0	74.7
50°	68.7	68.7	68.7	67.5	67.5
52.5°	62.7	62.7	61.5	60.3	60.3
55°	57.9	56.7	55.5	55.5	56.7
57.5°	54.3	53.0	50.6	51.8	53.0
60°	51.8	49.4	47.0	48.2	49.4
62.5°	48.2	45.8	43.4	44.6	47.0
65°	47.0	42.2	39.8	42.2	45.8
67.5°	45.8	39.8	36.2	39.8	44.6
70°	44.6	37.4	33.8	37.4	43.4
72.5°	43.4	35.0	30.1	35.0	42.2
75°	42.2	32.6	26.5	32.6	41.0
77.5°	39.8	30.1	22.9	30.1	37.4
80°	36.2	27.7	19.3	26.5	32.6
82.5°	26.5	22.9	15.7	22.9	24.1
85°	14.5	15.7	9.6	15.7	14.5
87.5°	1.2	2.4	2.4	7.2	4.8



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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)