

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: P1300578

Luminaire Tested: P3A17R35W2N902750DE010 E3PHLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300578
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: P3A17R35W2N902750DE010 E3PHLD1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

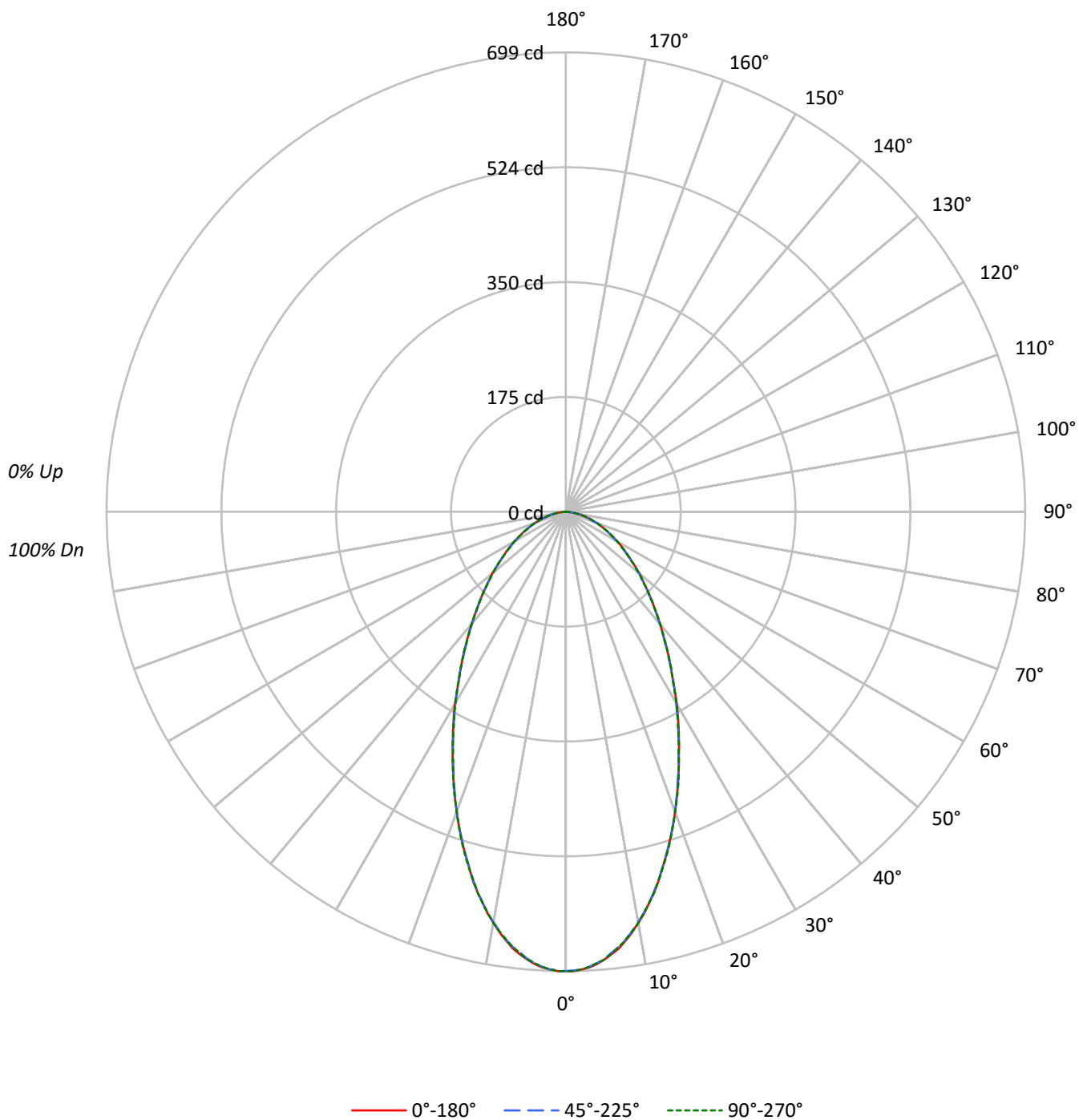
Lumens per Lamp: N/A
Luminaire Lumens: 934.0 lumens
Efficiency: N/A
Efficacy: 48.1 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	111	107	103	100	108	105	101	99	100	98	95		97	95	93		93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82		87	84	81		84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72		79	75	71		77	73	70	68
4	88	78	71	65	86	77	70	65	75	68	64		72	67	63		70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57		66	61	56		65	60	56	54
6	77	65	58	52	75	65	57	52	63	56	51		61	55	51		60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47		57	51	46		55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43		53	47	43		52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39		49	44	39		48	43	39	38
10	60	49	42	37	59	48	41	37	47	41	37		46	41	36		45	40	36	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	153299	153299	153299
5°	150451	150187	150451
10°	141436	141169	141436
15°	128060	128060	128332
20°	113363	113363	113363
25°	98570	98280	98280
30°	85456	84848	85152
35°	73562	73241	73562
40°	63834	63490	63834
45°	56068	55696	55696
50°	49772	49329	49329
55°	43774	43774	43774
60°	39646	39120	39646
65°	35646	35646	35646
70°	31672	31672	31672
75°	28637	27535	28637
80°	24372	24372	24372
85°	15096	15096	15096

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 56068 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.6	6.8
10°-20°	157.4	16.8
20°-30°	187.0	20.0
30°-40°	171.8	18.4
40°-50°	139.5	14.9
50°-60°	103.2	11.1
60°-70°	68.2	7.3
70°-80°	35.4	3.8
80°-90°	8.0	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°	407.9	43.7
0°-40°	579.8	62.1
0°-60°	822.5	88.1
0°-90°	934.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	934.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	699	699	699	699	699	
5°	684	682	682	682	684	64
15°	564	564	564	564	565	157
25°	407	406	406	407	406	187
35°	275	274	274	275	275	172
45°	181	180	180	180	180	140
55°	114	114	114	114	114	104
65°	69	69	69	69	69	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°	699.1	699.1	699.1	699.1	699.1
1°	699.1	697.9	697.9	697.9	699.1
2°	696.7	696.7	696.7	696.7	696.7
3°	694.3	693.1	693.1	693.1	693.1
4°	689.5	688.3	688.3	688.3	688.3
5°	683.5	682.3	682.3	682.3	683.5
6°	676.2	675.0	673.8	673.8	675.0
7°	669.0	666.6	666.6	666.6	666.6
8°	658.2	656.9	656.9	656.9	656.9
9°	647.3	644.9	646.1	646.1	646.1
10°	635.2	634.0	634.0	634.0	635.2
11°	623.2	622.0	622.0	620.8	622.0
12°	608.7	608.7	608.7	608.7	608.7
13°	595.5	594.3	594.3	594.3	595.5
14°	581.0	579.8	579.8	579.8	579.8
15°	564.1	564.1	564.1	564.1	565.3
17.5°	525.6	524.4	525.6	525.6	526.8
20°	485.8	484.6	485.8	485.8	485.8
22.5°	446.0	446.0	444.8	446.0	447.2
25°	407.4	406.2	406.2	407.4	406.2
27.5°	371.3	370.1	370.1	370.1	370.1
30°	337.5	335.1	335.1	336.3	336.3
32.5°	302.6	302.6	303.8	302.6	302.6
35°	274.8	273.6	273.6	274.8	274.8
37.5°	247.1	245.9	245.9	247.1	247.1
40°	223.0	223.0	221.8	223.0	223.0
42.5°	200.1	200.1	200.1	200.1	200.1
45°	180.8	179.6	179.6	179.6	179.6
47.5°	161.5	161.5	161.5	160.3	161.5
50°	145.9	144.6	144.6	144.6	144.6
52.5°	129.0	129.0	129.0	129.0	129.0
55°	114.5	114.5	114.5	114.5	114.5
57.5°	102.5	101.3	101.3	101.3	101.3
60°	90.4	90.4	89.2	90.4	90.4
62.5°	78.4	78.4	78.4	78.4	78.4
65°	68.7	68.7	68.7	68.7	68.7
67.5°	59.1	59.1	59.1	59.1	59.1
70°	49.4	49.4	49.4	49.4	49.4
72.5°	42.2	41.0	41.0	41.0	41.0
75°	33.8	33.8	32.5	33.8	33.8
77.5°	25.3	25.3	25.3	25.3	25.3
80°	19.3	19.3	19.3	18.1	19.3
82.5°	12.1	12.1	12.1	12.1	12.1
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)