

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: P1300575

Luminaire Tested: P3A17R35W2N902750DE010 E3PHLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300575
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_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

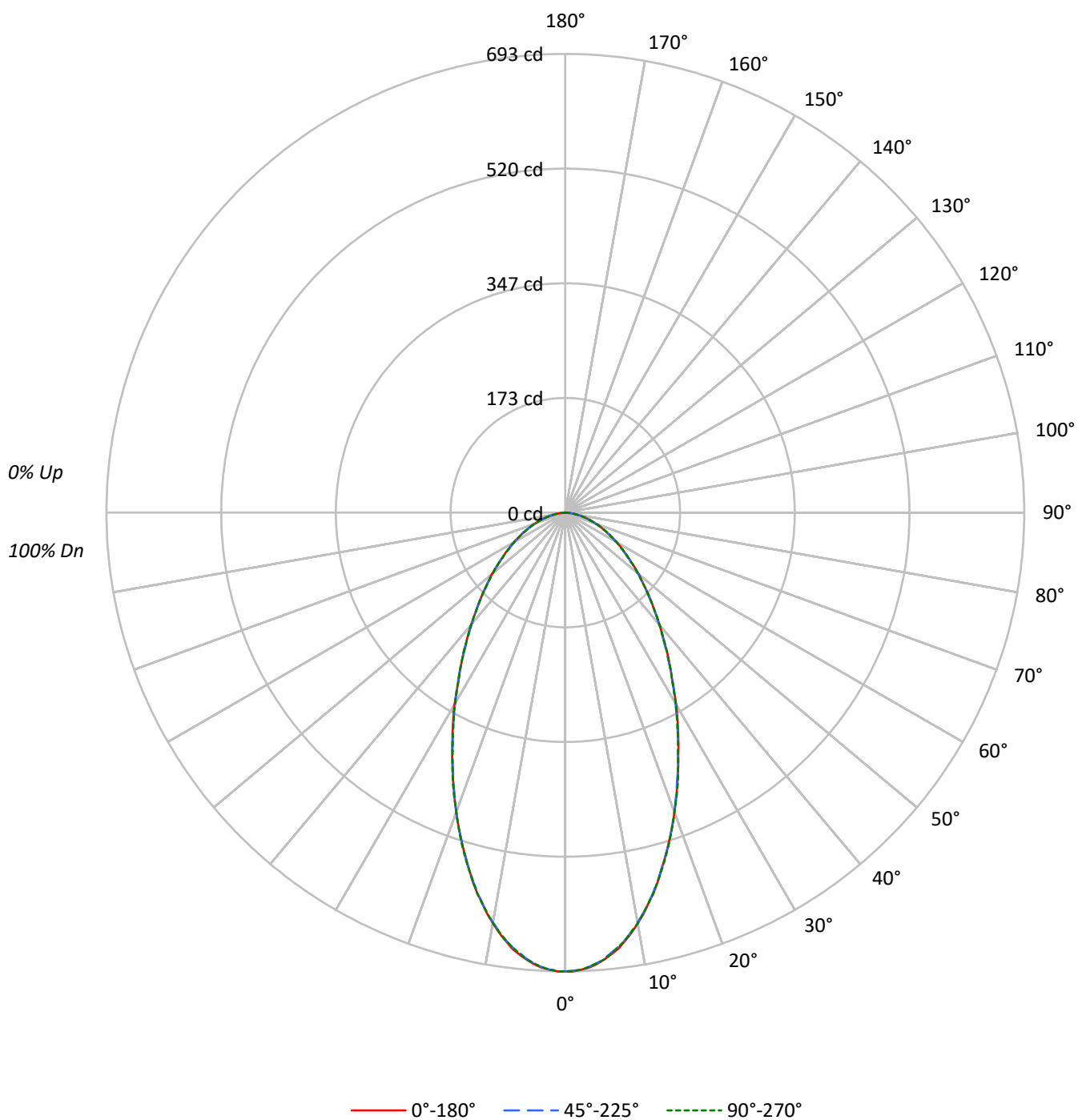
Lumens per Lamp: N/A
Luminaire Lumens: 926.0 lumens
Efficiency: N/A
Efficacy: 47.7 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1300575

CATALOG NUMBER: P3A17R35W2N902750DE010 E3PHLD1MW_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1300575

CATALOG NUMBER: P3A17R35W2N902750DE010 E3PHLD1MW_3000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
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	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°	151983	151983	151983
5°	149152	148888	149152
10°	140233	139966	140233
15°	126970	126970	127243
20°	112383	112383	112383
25°	97723	97433	97433
30°	84722	84114	84418
35°	72946	72625	72946
40°	63290	62947	63290
45°	55603	55231	55231
50°	49329	48920	48920
55°	43392	43392	43392
60°	39295	38769	39295
65°	35335	35335	35335
70°	31416	31416	31416
75°	28382	27366	28382
80°	24119	24119	24119
85°	15096	15096	15096

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 55603 cd/sqm

TEST NUMBER: P1300575

CATALOG NUMBER: P3A17R35W2N902750DE010 E3PHLD1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.1	6.8
10°-20°	156.0	16.8
20°-30°	185.4	20.0
30°-40°	170.4	18.4
40°-50°	138.3	14.9
50°-60°	102.3	11.1
60°-70°	67.6	7.3
70°-80°	35.0	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°	404.4	43.7
0°-40°	574.8	62.1
0°-60°	815.5	88.1
0°-90°	926.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	926.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	693	693	693	693	693	
5°	678	676	676	676	678	63
15°	559	559	559	559	560	156
25°	404	403	403	404	403	186
35°	272	271	271	272	272	171
45°	179	178	178	178	178	139
55°	114	114	114	114	114	103
65°	68	68	68	68	68	68
75°	34	34	32	34	34	35
85°	6	6	6	6	6	8
90°	0	0	0	0	0	

TEST NUMBER: P1300575

CATALOG NUMBER: P3A17R35W2N902750DE010 E3PHLD1MW_3000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	693.1	693.1	693.1	693.1	693.1
1°	693.1	692.0	692.0	692.0	693.1
2°	690.8	690.8	690.8	690.8	690.8
3°	688.4	687.2	687.2	687.2	687.2
4°	683.6	682.4	682.4	682.4	682.4
5°	677.6	676.4	676.4	676.4	677.6
6°	670.4	669.2	668.0	668.0	669.2
7°	663.3	660.9	660.9	660.9	660.9
8°	652.5	651.3	651.3	651.3	651.3
9°	641.8	639.4	640.6	640.6	640.6
10°	629.8	628.6	628.6	628.6	629.8
11°	617.9	616.7	616.7	615.5	616.7
12°	603.5	603.5	603.5	603.5	603.5
13°	590.4	589.2	589.2	589.2	590.4
14°	576.0	574.8	574.8	574.8	574.8
15°	559.3	559.3	559.3	559.3	560.5
17.5°	521.1	519.9	521.1	521.1	522.2
20°	481.6	480.4	481.6	481.6	481.6
22.5°	442.2	442.2	441.0	442.2	443.4
25°	403.9	402.7	402.7	403.9	402.7
27.5°	368.1	366.9	366.9	366.9	366.9
30°	334.6	332.2	332.2	333.4	333.4
32.5°	300.0	300.0	301.2	300.0	300.0
35°	272.5	271.3	271.3	272.5	272.5
37.5°	245.0	243.8	243.8	245.0	245.0
40°	221.1	221.1	219.9	221.1	221.1
42.5°	198.4	198.4	198.4	198.4	198.4
45°	179.3	178.1	178.1	178.1	178.1
47.5°	160.1	160.1	160.1	158.9	160.1
50°	144.6	143.4	143.4	143.4	143.4
52.5°	127.9	127.9	127.9	127.9	127.9
55°	113.5	113.5	113.5	113.5	113.5
57.5°	101.6	100.4	100.4	100.4	100.4
60°	89.6	89.6	88.4	89.6	89.6
62.5°	77.7	77.7	77.7	77.7	77.7
65°	68.1	68.1	68.1	68.1	68.1
67.5°	58.6	58.6	58.6	58.6	58.6
70°	49.0	49.0	49.0	49.0	49.0
72.5°	41.8	40.6	40.6	40.6	40.6
75°	33.5	33.5	32.3	33.5	33.5
77.5°	25.1	25.1	25.1	25.1	25.1
80°	19.1	19.1	19.1	17.9	19.1
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



TEST NUMBER: P1300575

CATALOG NUMBER: P3A17R35W2N902750DE010 E3PHLD1MW_3000K

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)