

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: P1300740

Luminaire Tested: P3A17R35W2N902765DE010 E3PHLD1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300740
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: P3A17R35W2N902765DE010 E3PHLD1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

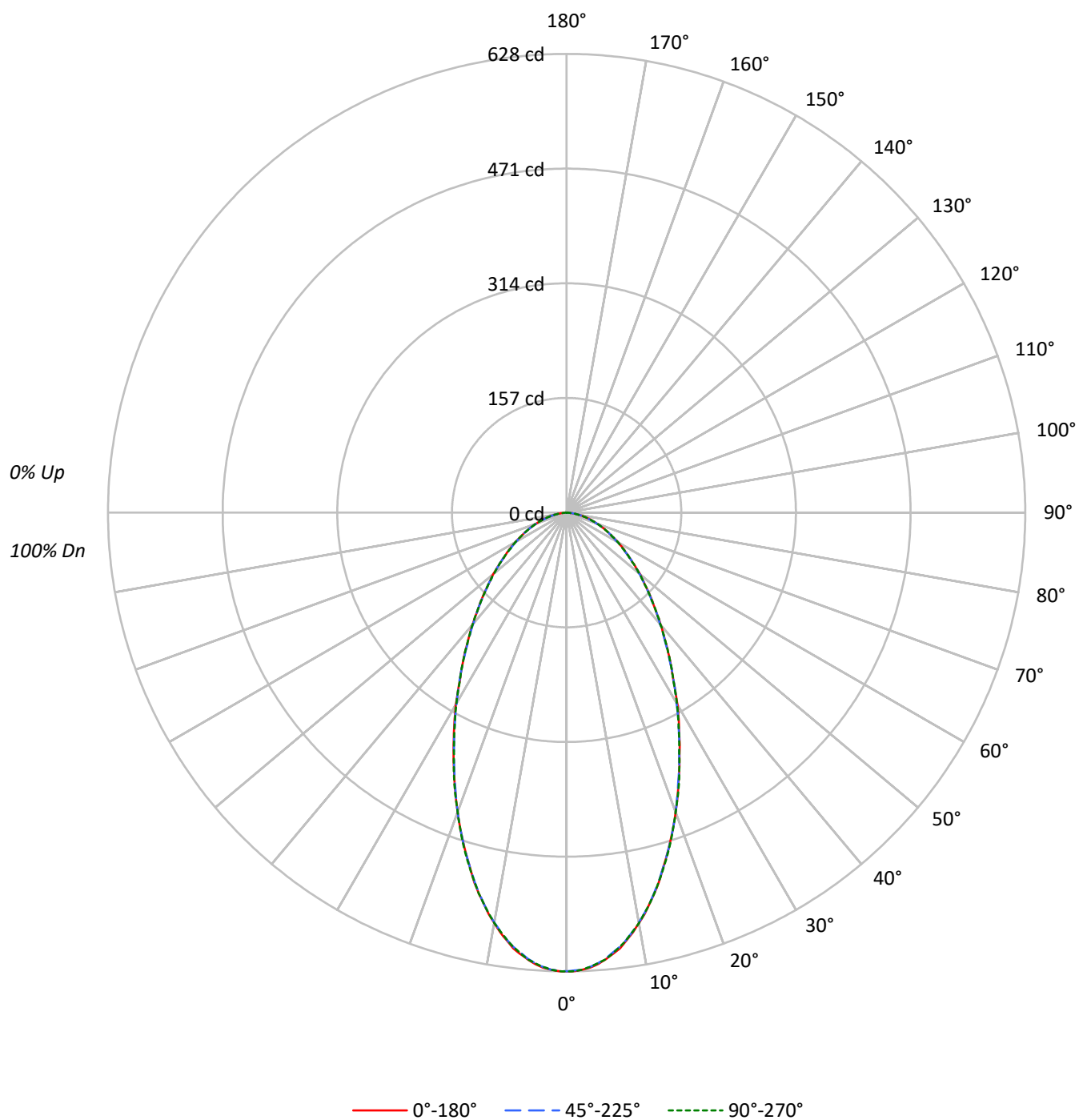
Lumens per Lamp: N/A
Luminaire Lumens: 839.0 lumens
Efficiency: N/A
Efficacy: 43.2 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	137708	137708	137708
5°	135131	134911	135131
10°	127052	126829	127052
15°	115052	115052	115279
20°	101836	101836	101836
25°	88554	88287	88287
30°	76771	76214	76493
35°	66093	65799	66093
40°	57336	57021	57336
45°	50362	50021	50021
50°	44689	44314	44314
55°	39339	39339	39339
60°	35611	35129	35611
65°	32014	32014	32014
70°	28466	28466	28466
75°	25671	24739	25671
80°	21846	21846	21846
85°	13586	13586	13586

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 50362 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.1	6.8
10°-20°	141.4	16.8
20°-30°	168.0	20.0
30°-40°	154.4	18.4
40°-50°	125.3	14.9
50°-60°	92.7	11.1
60°-70°	61.3	7.3
70°-80°	31.7	3.8
80°-90°	7.1	0.8
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°	366.4	43.7
0°-40°	520.8	62.1
0°-60°	738.8	88.1
0°-90°	839.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	839.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	628	628	628	628	628	
5°	614	613	613	613	614	57
15°	507	507	507	507	508	141
25°	366	365	365	366	365	168
35°	247	246	246	247	247	155
45°	162	161	161	161	161	126
55°	103	103	103	103	103	93
65°	62	62	62	62	62	61
75°	30	30	29	30	30	32
85°	5	5	5	5	5	7
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	628.0	628.0	628.0	628.0	628.0
1°	628.0	626.9	626.9	626.9	628.0
2°	625.9	625.9	625.9	625.9	625.9
3°	623.7	622.6	622.6	622.6	622.6
4°	619.4	618.3	618.3	618.3	618.3
5°	613.9	612.9	612.9	612.9	613.9
6°	607.5	606.4	605.3	605.3	606.4
7°	601.0	598.8	598.8	598.8	598.8
8°	591.2	590.1	590.1	590.1	590.1
9°	581.5	579.3	580.4	580.4	580.4
10°	570.6	569.6	569.6	569.6	570.6
11°	559.8	558.7	558.7	557.6	558.7
12°	546.8	546.8	546.8	546.8	546.8
13°	534.9	533.8	533.8	533.8	534.9
14°	521.9	520.8	520.8	520.8	520.8
15°	506.8	506.8	506.8	506.8	507.8
17.5°	472.1	471.0	472.1	472.1	473.2
20°	436.4	435.3	436.4	436.4	436.4
22.5°	400.6	400.6	399.6	400.6	401.7
25°	366.0	364.9	364.9	366.0	364.9
27.5°	333.5	332.4	332.4	332.4	332.4
30°	303.2	301.0	301.0	302.1	302.1
32.5°	271.8	271.8	272.9	271.8	271.8
35°	246.9	245.8	245.8	246.9	246.9
37.5°	222.0	220.9	220.9	222.0	222.0
40°	200.3	200.3	199.2	200.3	200.3
42.5°	179.7	179.7	179.7	179.7	179.7
45°	162.4	161.3	161.3	161.3	161.3
47.5°	145.1	145.1	145.1	144.0	145.1
50°	131.0	129.9	129.9	129.9	129.9
52.5°	115.9	115.9	115.9	115.9	115.9
55°	102.9	102.9	102.9	102.9	102.9
57.5°	92.0	91.0	91.0	91.0	91.0
60°	81.2	81.2	80.1	81.2	81.2
62.5°	70.4	70.4	70.4	70.4	70.4
65°	61.7	61.7	61.7	61.7	61.7
67.5°	53.1	53.1	53.1	53.1	53.1
70°	44.4	44.4	44.4	44.4	44.4
72.5°	37.9	36.8	36.8	36.8	36.8
75°	30.3	30.3	29.2	30.3	30.3
77.5°	22.7	22.7	22.7	22.7	22.7
80°	17.3	17.3	17.3	16.2	17.3
82.5°	10.8	10.8	10.8	10.8	10.8
85°	5.4	5.4	5.4	5.4	5.4
87.5°	1.1	1.1	1.1	2.2	2.2



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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)