

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: P1292989

Luminaire Tested: P3A09R35W2N902750DE010 E3PHLP1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292989
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: P3A09R35W2N902750DE010 E3PHLP1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

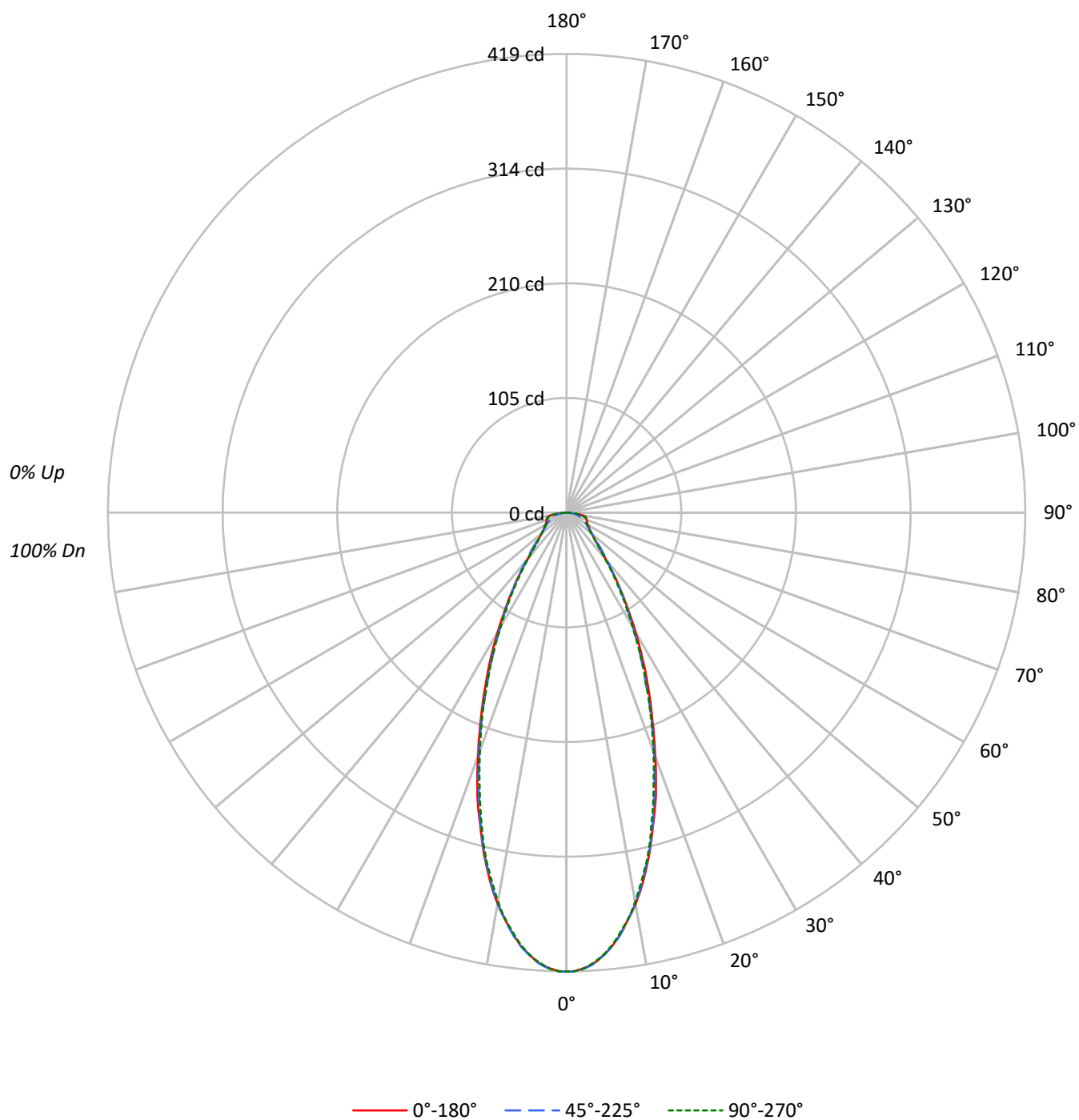
Lumens per Lamp: N/A
Luminaire Lumens: 347.0 lumens
Efficiency: N/A
Efficacy: 38.6 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 9
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	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°	91966	91966	91966
5°	88950	89060	88950
10°	80805	80693	80337
15°	68582	68355	67742
20°	55211	54488	53998
25°	42680	41398	41398
30°	31828	30764	30486
35°	22914	22620	22058
40°	16030	16488	15429
45°	11970	12621	11629
50°	10268	10268	10098
55°	9711	9290	9481
60°	9955	9034	9517
65°	10689	9028	10429
70°	12502	9489	12182
75°	15674	9828	15250
80°	19952	10734	18058
85°	15851	10567	15851

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 19952 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.3	10.7
10°-20°	83.1	24.0
20°-30°	79.4	22.9
30°-40°	53.3	15.4
40°-50°	31.3	9.0
50°-60°	22.4	6.5
60°-70°	18.6	5.4
70°-80°	15.3	4.4
80°-90°	6.3	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°	199.8	57.6
0°-40°	253.1	72.9
0°-60°	306.8	88.4
0°-90°	347.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	347.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	419	419	419	419	419	
5°	404	405	405	404	404	37
15°	302	303	301	299	298	84
25°	176	174	171	171	171	81
35°	86	86	84	83	82	54
45°	39	40	41	39	38	31
55°	25	25	24	24	25	23
65°	21	18	17	18	20	21
75°	18	14	12	14	18	19
85°	6	7	4	7	6	7
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	419.4	419.4	419.4	419.4	419.4
1°	418.9	419.4	419.4	418.9	418.9
2°	416.8	417.8	417.3	416.8	417.3
3°	414.1	415.2	414.6	414.1	413.6
4°	409.9	411.0	410.4	409.4	409.4
5°	404.1	405.1	404.6	404.1	404.1
6°	398.3	399.3	398.3	397.2	397.2
7°	390.3	391.9	390.9	389.8	389.3
8°	381.4	383.0	381.9	381.4	380.3
9°	372.4	373.4	371.9	371.9	371.9
10°	362.9	363.4	362.4	360.8	360.8
11°	352.3	351.8	351.3	350.2	349.1
12°	340.7	340.7	339.1	338.1	337.5
13°	328.5	328.0	327.0	325.9	325.9
14°	315.9	315.9	314.8	312.7	313.2
15°	302.1	302.7	301.1	299.0	298.4
17.5°	271.0	269.9	267.3	265.7	264.1
20°	236.6	236.1	233.5	231.9	231.4
22.5°	204.9	204.4	201.8	200.2	201.2
25°	176.4	174.3	171.1	171.1	171.1
27.5°	150.0	147.4	145.3	144.2	145.3
30°	125.7	123.6	121.5	121.0	120.4
32.5°	104.1	103.0	101.9	100.4	100.4
35°	85.6	85.6	84.5	82.9	82.4
37.5°	69.7	70.3	69.7	68.1	67.6
40°	56.0	57.0	57.6	56.0	53.9
42.5°	46.0	47.5	48.6	46.0	44.4
45°	38.6	39.6	40.7	38.6	37.5
47.5°	33.8	34.3	34.9	33.3	32.7
50°	30.1	30.1	30.1	29.6	29.6
52.5°	27.5	27.5	26.9	26.4	26.4
55°	25.4	24.8	24.3	24.3	24.8
57.5°	23.8	23.2	22.2	22.7	23.2
60°	22.7	21.7	20.6	21.1	21.7
62.5°	21.1	20.1	19.0	19.5	20.6
65°	20.6	18.5	17.4	18.5	20.1
67.5°	20.1	17.4	15.8	17.4	19.5
70°	19.5	16.4	14.8	16.4	19.0
72.5°	19.0	15.3	13.2	15.3	18.5
75°	18.5	14.3	11.6	14.3	18.0
77.5°	17.4	13.2	10.0	13.2	16.4
80°	15.8	12.1	8.5	11.6	14.3
82.5°	11.6	10.0	6.9	10.0	10.6
85°	6.3	6.9	4.2	6.9	6.3
87.5°	0.5	1.1	1.1	3.2	2.1



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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)