

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: P1292990

Luminaire Tested: P3A09R35W2N902750DE010 E3PHLP1MW\_3000K

Issue Date: 1/29/2026

**Test Information**

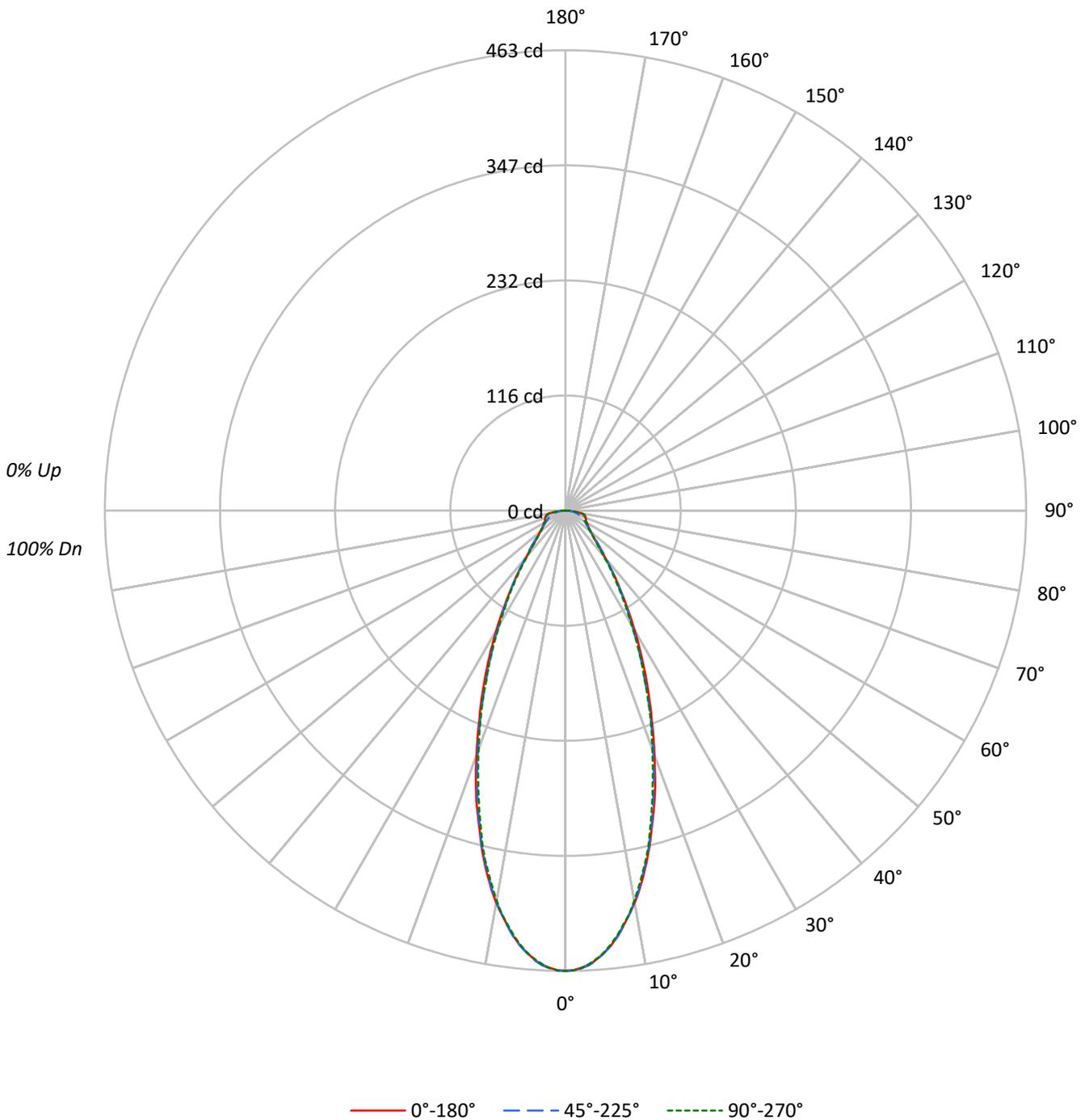
Test Method: LM-79-2019  
Report Number: P1292990  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A09R35W2N902750DE010 E3PHLP1MW\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 383.0 lumens  
Efficiency: N/A  
Efficacy: 42.6 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

TEST NUMBER: P1292990  
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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	102	102	100
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	91	91	89
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	81	81	79
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	74	74	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	67	67	65
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	65	62	62	62	60
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	57	57	56
7	77	66	60	55	76	66	59	54	64	58	54	63	58	54	62	57	54	54	54	52
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	50	50	49
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	47	47	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	44	44	43

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

	0°	45°	90°
0°	101505	101505	101505
5°	98173	98305	98173
10°	89177	89043	88665
15°	75710	75437	74779
20°	60952	60135	59599
25°	47108	45704	45704
30°	35145	33955	33651
35°	25270	24976	24360
40°	17690	18177	17032
45°	13211	13924	12839
50°	11326	11326	11121
55°	10705	10246	10475
60°	11008	9955	10482
65°	11778	9962	11519
70°	13848	10450	13464
75°	17284	10845	16775
80°	22099	11744	19826
85°	17612	11825	17612

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 22099 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	41.1	10.7
10°-20°	91.8	24.0
20°-30°	87.6	22.9
30°-40°	58.9	15.4
40°-50°	34.5	9.0
50°-60°	24.7	6.5
60°-70°	20.6	5.4
70°-80°	16.9	4.4
80°-90°	7.0	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°	220.5	57.6
0°-40°	279.4	72.9
0°-60°	338.6	88.4
0°-90°	383.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	383.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	463	463	463	463	463	
5°	446	447	447	446	446	41
15°	334	334	332	330	329	92
25°	195	192	189	189	189	89
35°	94	94	93	92	91	60
45°	43	44	45	43	41	34
55°	28	27	27	27	27	25
65°	23	20	19	20	22	23
75°	20	16	13	16	20	21
85°	7	8	5	8	7	8
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	462.9	462.9	462.9	462.9	462.9
1°	462.3	462.9	462.9	462.3	462.3
2°	460.0	461.2	460.6	460.0	460.6
3°	457.1	458.2	457.7	457.1	456.5
4°	452.4	453.6	453.0	451.8	451.8
5°	446.0	447.2	446.6	446.0	446.0
6°	439.6	440.8	439.6	438.4	438.4
7°	430.8	432.6	431.4	430.3	429.7
8°	420.9	422.7	421.5	420.9	419.8
9°	411.0	412.2	410.4	410.4	410.4
10°	400.5	401.1	399.9	398.2	398.2
11°	388.9	388.3	387.7	386.5	385.4
12°	376.0	376.0	374.3	373.1	372.5
13°	362.6	362.1	360.9	359.7	359.7
14°	348.6	348.6	347.5	345.1	345.7
15°	333.5	334.1	332.3	330.0	329.4
17.5°	299.1	297.9	295.0	293.3	291.5
20°	261.2	260.6	257.7	255.9	255.4
22.5°	226.2	225.6	222.7	221.0	222.1
25°	194.7	192.4	188.9	188.9	188.9
27.5°	165.6	162.7	160.3	159.2	160.3
30°	138.8	136.4	134.1	133.5	132.9
32.5°	114.9	113.7	112.5	110.8	110.8
35°	94.4	94.4	93.3	91.5	91.0
37.5°	77.0	77.5	77.0	75.2	74.6
40°	61.8	63.0	63.5	61.8	59.5
42.5°	50.7	52.5	53.6	50.7	49.0
45°	42.6	43.7	44.9	42.6	41.4
47.5°	37.3	37.9	38.5	36.7	36.1
50°	33.2	33.2	33.2	32.6	32.6
52.5°	30.3	30.3	29.7	29.2	29.2
55°	28.0	27.4	26.8	26.8	27.4
57.5°	26.2	25.7	24.5	25.1	25.7
60°	25.1	23.9	22.7	23.3	23.9
62.5°	23.3	22.2	21.0	21.6	22.7
65°	22.7	20.4	19.2	20.4	22.2
67.5°	22.2	19.2	17.5	19.2	21.6
70°	21.6	18.1	16.3	18.1	21.0
72.5°	21.0	16.9	14.6	16.9	20.4
75°	20.4	15.7	12.8	15.7	19.8
77.5°	19.2	14.6	11.1	14.6	18.1
80°	17.5	13.4	9.3	12.8	15.7
82.5°	12.8	11.1	7.6	11.1	11.7
85°	7.0	7.6	4.7	7.6	7.0
87.5°	0.6	1.2	1.2	3.5	2.3



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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)