

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: P1283283

Luminaire Tested: P3AS09R35B2750DE010 E3PHLD1MW\_3000K

Issue Date: 1/29/2026

**Test Information**

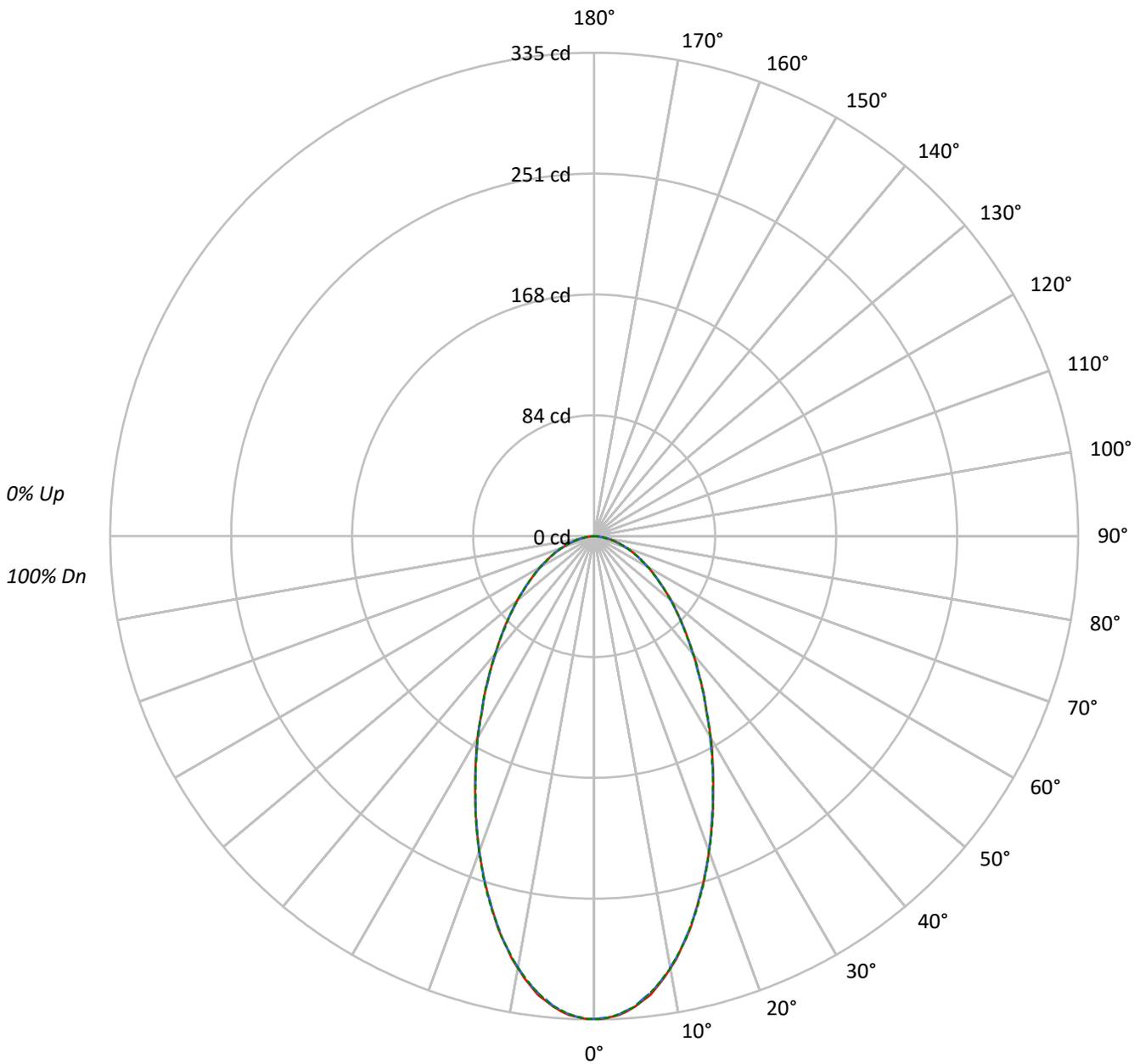
Test Method: LM-79-2019  
Report Number: P1283283  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRIS  
Catalog Number: P3AS09R35B2750DE010 E3PHLD1MW\_3000K  
Description: 3in Adjustable Boosted Cyan 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: 447.1 lumens  
Efficiency: N/A  
Efficacy: 34.1 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): 13.1  
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



— 0°-180°    - - 45°-225°    - · - · 90°-270°



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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	64	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	37
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°	73371	73371	73371
5°	72001	71869	72001
10°	67690	67556	67690
15°	61294	61294	61431
20°	54255	54255	54255
25°	47180	47035	47035
30°	40892	40614	40766
35°	35202	35068	35202
40°	30543	30371	30543
45°	26824	26669	26669
50°	23812	23607	23607
55°	20950	20950	20950
60°	18990	18727	18990
65°	17071	17071	17071
70°	15195	15195	15195
75°	13725	13217	13725
80°	11618	11618	11618
85°	7296	7296	7296

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 26824 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	30.4	6.8
10°-20°	75.3	16.8
20°-30°	89.5	20.0
30°-40°	82.2	18.4
40°-50°	66.8	14.9
50°-60°	49.4	11.1
60°-70°	32.7	7.3
70°-80°	16.9	3.8
80°-90°	3.8	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°	195.2	43.7
0°-40°	277.5	62.1
0°-60°	393.6	88.1
0°-90°	447.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	447.1	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	335	335	335	335	335	
5°	327	326	326	326	327	30
15°	270	270	270	270	271	75
25°	195	194	194	195	194	90
35°	132	131	131	132	132	82
45°	86	86	86	86	86	67
55°	55	55	55	55	55	50
65°	33	33	33	33	33	33
75°	16	16	16	16	16	17
85°	3	3	3	3	3	4
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	334.6	334.6	334.6	334.6	334.6
1°	334.6	334.0	334.0	334.0	334.6
2°	333.4	333.4	333.4	333.4	333.4
3°	332.3	331.7	331.7	331.7	331.7
4°	330.0	329.4	329.4	329.4	329.4
5°	327.1	326.5	326.5	326.5	327.1
6°	323.6	323.1	322.5	322.5	323.1
7°	320.2	319.0	319.0	319.0	319.0
8°	315.0	314.4	314.4	314.4	314.4
9°	309.8	308.6	309.2	309.2	309.2
10°	304.0	303.4	303.4	303.4	304.0
11°	298.3	297.7	297.7	297.1	297.7
12°	291.3	291.3	291.3	291.3	291.3
13°	285.0	284.4	284.4	284.4	285.0
14°	278.1	277.5	277.5	277.5	277.5
15°	270.0	270.0	270.0	270.0	270.6
17.5°	251.5	250.9	251.5	251.5	252.1
20°	232.5	231.9	232.5	232.5	232.5
22.5°	213.4	213.4	212.9	213.4	214.0
25°	195.0	194.4	194.4	195.0	194.4
27.5°	177.7	177.1	177.1	177.1	177.1
30°	161.5	160.4	160.4	161.0	161.0
32.5°	144.8	144.8	145.4	144.8	144.8
35°	131.5	131.0	131.0	131.5	131.5
37.5°	118.3	117.7	117.7	118.3	118.3
40°	106.7	106.7	106.1	106.7	106.7
42.5°	95.8	95.8	95.8	95.8	95.8
45°	86.5	86.0	86.0	86.0	86.0
47.5°	77.3	77.3	77.3	76.7	77.3
50°	69.8	69.2	69.2	69.2	69.2
52.5°	61.7	61.7	61.7	61.7	61.7
55°	54.8	54.8	54.8	54.8	54.8
57.5°	49.0	48.5	48.5	48.5	48.5
60°	43.3	43.3	42.7	43.3	43.3
62.5°	37.5	37.5	37.5	37.5	37.5
65°	32.9	32.9	32.9	32.9	32.9
67.5°	28.3	28.3	28.3	28.3	28.3
70°	23.7	23.7	23.7	23.7	23.7
72.5°	20.2	19.6	19.6	19.6	19.6
75°	16.2	16.2	15.6	16.2	16.2
77.5°	12.1	12.1	12.1	12.1	12.1
80°	9.2	9.2	9.2	8.7	9.2
82.5°	5.8	5.8	5.8	5.8	5.8
85°	2.9	2.9	2.9	2.9	2.9
87.5°	0.6	0.6	0.6	1.2	1.2



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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)