

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: P1283286

Luminaire Tested: P3AS09R35B2750DE010 E3PHLD1MW\_5000K

Issue Date: 1/29/2026

**Test Information**

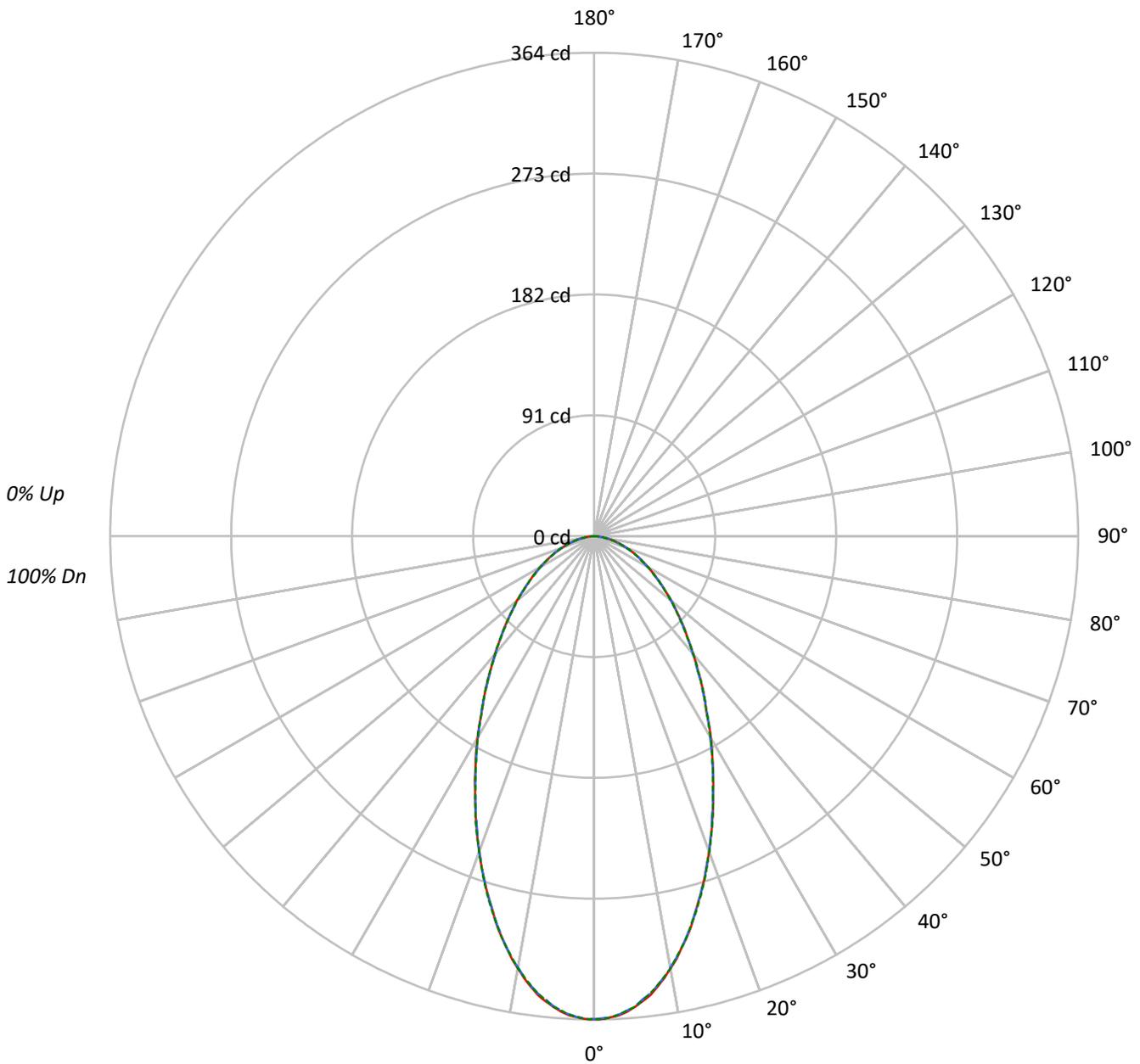
Test Method: LM-79-2019  
Report Number: P1283286  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R35B2750DE010 E3PHLD1MW\_5000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 80CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 486.0 lumens  
Efficiency: N/A  
Efficacy: 37.1 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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	77	73	70	68
4	88	78	71	65	86	77	70	65	75	68	64	72	67	63	70	66	62	70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	65	60	56	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	48	43	39	38
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	45	40	36	35

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

	0°	45°	90°
0°	79774	79774	79774
5°	78274	78142	78274
10°	73590	73457	73590
15°	66629	66629	66788
20°	58992	58992	58992
25°	51293	51148	51148
30°	44463	44159	44311
35°	38280	38119	38280
40°	33205	33033	33205
45°	29181	28995	28995
50°	25893	25688	25688
55°	22785	22785	22785
60°	20612	20349	20612
65°	18575	18575	18575
70°	16477	16477	16477
75°	14911	14318	14911
80°	12628	12628	12628
85°	7799	7799	7799

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 29181 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	33.1	6.8
10°-20°	81.9	16.8
20°-30°	97.3	20.0
30°-40°	89.4	18.4
40°-50°	72.6	14.9
50°-60°	53.7	11.1
60°-70°	35.5	7.3
70°-80°	18.4	3.8
80°-90°	4.1	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°	212.3	43.7
0°-40°	301.7	62.1
0°-60°	428.0	88.1
0°-90°	486.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	486.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	364	364	364	364	364	
5°	356	355	355	355	356	33
15°	294	294	294	294	294	82
25°	212	211	211	212	211	97
35°	143	142	142	143	143	90
45°	94	94	94	94	94	73
55°	60	60	60	60	60	54
65°	36	36	36	36	36	36
75°	18	18	17	18	18	19
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°	363.8	363.8	363.8	363.8	363.8
1°	363.8	363.2	363.2	363.2	363.8
2°	362.5	362.5	362.5	362.5	362.5
3°	361.3	360.7	360.7	360.7	360.7
4°	358.8	358.1	358.1	358.1	358.1
5°	355.6	355.0	355.0	355.0	355.6
6°	351.9	351.2	350.6	350.6	351.2
7°	348.1	346.9	346.9	346.9	346.9
8°	342.5	341.8	341.8	341.8	341.8
9°	336.8	335.6	336.2	336.2	336.2
10°	330.5	329.9	329.9	329.9	330.5
11°	324.3	323.6	323.6	323.0	323.6
12°	316.7	316.7	316.7	316.7	316.7
13°	309.8	309.2	309.2	309.2	309.8
14°	302.3	301.7	301.7	301.7	301.7
15°	293.5	293.5	293.5	293.5	294.2
17.5°	273.5	272.8	273.5	273.5	274.1
20°	252.8	252.1	252.8	252.8	252.8
22.5°	232.1	232.1	231.4	232.1	232.7
25°	212.0	211.4	211.4	212.0	211.4
27.5°	193.2	192.6	192.6	192.6	192.6
30°	175.6	174.4	174.4	175.0	175.0
32.5°	157.4	157.4	158.1	157.4	157.4
35°	143.0	142.4	142.4	143.0	143.0
37.5°	128.6	128.0	128.0	128.6	128.6
40°	116.0	116.0	115.4	116.0	116.0
42.5°	104.1	104.1	104.1	104.1	104.1
45°	94.1	93.5	93.5	93.5	93.5
47.5°	84.0	84.0	84.0	83.4	84.0
50°	75.9	75.3	75.3	75.3	75.3
52.5°	67.1	67.1	67.1	67.1	67.1
55°	59.6	59.6	59.6	59.6	59.6
57.5°	53.3	52.7	52.7	52.7	52.7
60°	47.0	47.0	46.4	47.0	47.0
62.5°	40.8	40.8	40.8	40.8	40.8
65°	35.8	35.8	35.8	35.8	35.8
67.5°	30.7	30.7	30.7	30.7	30.7
70°	25.7	25.7	25.7	25.7	25.7
72.5°	22.0	21.3	21.3	21.3	21.3
75°	17.6	17.6	16.9	17.6	17.6
77.5°	13.2	13.2	13.2	13.2	13.2
80°	10.0	10.0	10.0	9.4	10.0
82.5°	6.3	6.3	6.3	6.3	6.3
85°	3.1	3.1	3.1	3.1	3.1
87.5°	0.6	0.6	0.6	1.3	1.3



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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)