

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: P1281561

Luminaire Tested: P3AS05R35B2750DE010 E3PHLD1MW\_5000K

Issue Date: 1/29/2026

**Test Information**

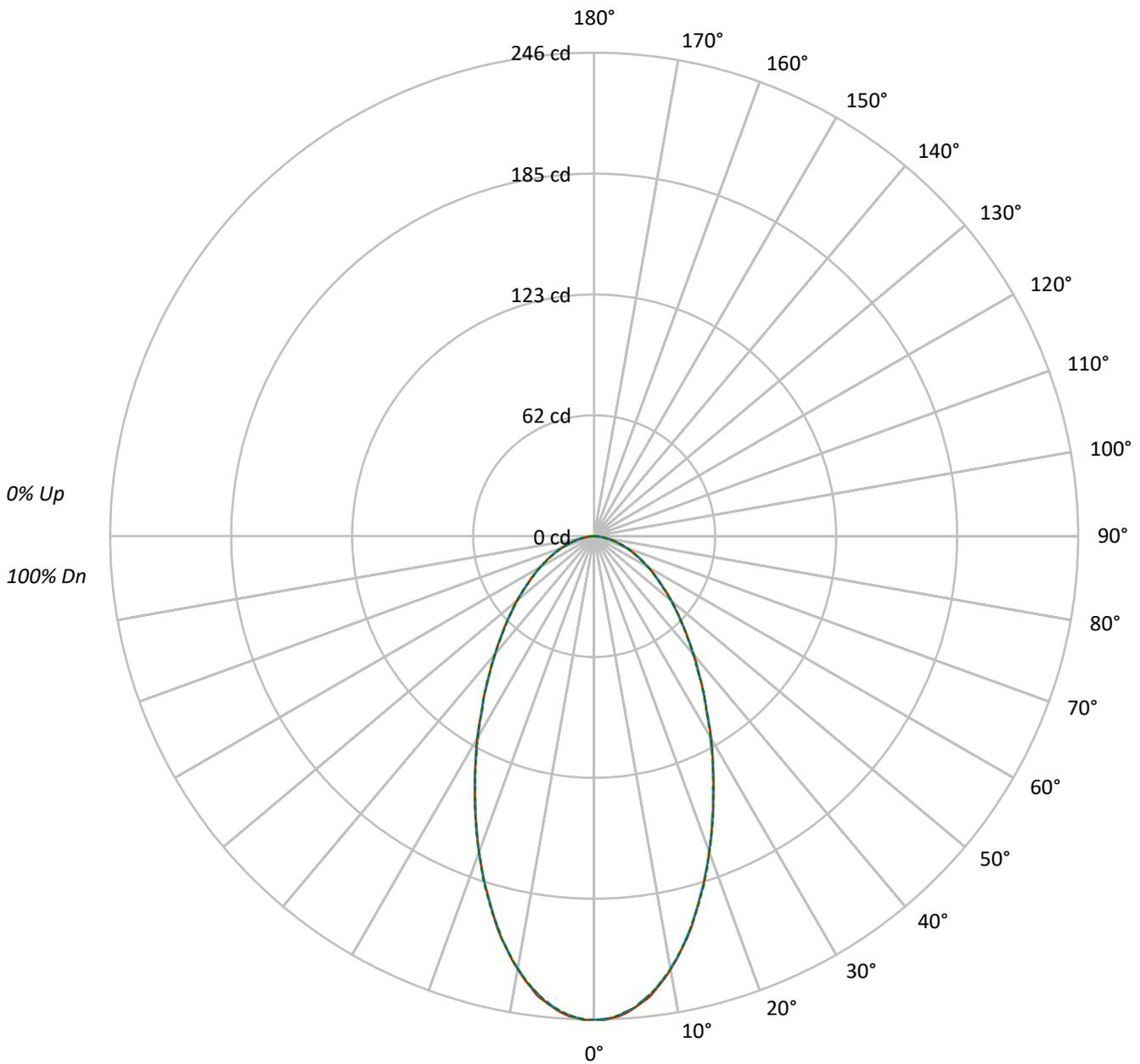
Test Method: LM-79-2019  
Report Number: P1281561  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R35B2750DE010 E3PHLD1MW\_5000K  
Description: 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: 329.0 lumens  
Efficiency: N/A  
Efficacy: 55.8 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): 5.9  
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



— 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
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	65	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	38		
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°	54009	54009	54009
5°	52982	52894	52982
10°	49832	49721	49832
15°	45108	45108	45199
20°	39927	39927	39927
25°	34720	34623	34623
30°	30106	29878	30005
35°	25913	25806	25913
40°	22499	22356	22499
45°	19754	19630	19630
50°	17535	17398	17398
55°	15407	15407	15407
60°	13946	13771	13946
65°	12556	12556	12556
70°	11156	11156	11156
75°	10082	9743	10082
80°	8587	8587	8587
85°	5284	5284	5284

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 19754 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	22.4	6.8
10°-20°	55.4	16.8
20°-30°	65.9	20.0
30°-40°	60.5	18.4
40°-50°	49.2	14.9
50°-60°	36.4	11.1
60°-70°	24.0	7.3
70°-80°	12.4	3.8
80°-90°	2.8	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°	143.7	43.7
0°-40°	204.2	62.1
0°-60°	289.7	88.1
0°-90°	329.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	329.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	246	246	246	246	246	
5°	241	240	240	240	241	22
15°	199	199	199	199	199	55
25°	144	143	143	144	143	66
35°	97	96	96	97	97	61
45°	64	63	63	63	63	49
55°	40	40	40	40	40	36
65°	24	24	24	24	24	24
75°	12	12	12	12	12	13
85°	2	2	2	2	2	3
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	246.3	246.3	246.3	246.3	246.3
1°	246.3	245.8	245.8	245.8	246.3
2°	245.4	245.4	245.4	245.4	245.4
3°	244.6	244.1	244.1	244.1	244.1
4°	242.9	242.4	242.4	242.4	242.4
5°	240.7	240.3	240.3	240.3	240.7
6°	238.2	237.8	237.4	237.4	237.8
7°	235.7	234.8	234.8	234.8	234.8
8°	231.8	231.4	231.4	231.4	231.4
9°	228.0	227.2	227.6	227.6	227.6
10°	223.8	223.3	223.3	223.3	223.8
11°	219.5	219.1	219.1	218.7	219.1
12°	214.4	214.4	214.4	214.4	214.4
13°	209.8	209.3	209.3	209.3	209.8
14°	204.7	204.2	204.2	204.2	204.2
15°	198.7	198.7	198.7	198.7	199.1
17.5°	185.1	184.7	185.1	185.1	185.6
20°	171.1	170.7	171.1	171.1	171.1
22.5°	157.1	157.1	156.7	157.1	157.5
25°	143.5	143.1	143.1	143.5	143.1
27.5°	130.8	130.4	130.4	130.4	130.4
30°	118.9	118.0	118.0	118.5	118.5
32.5°	106.6	106.6	107.0	106.6	106.6
35°	96.8	96.4	96.4	96.8	96.8
37.5°	87.0	86.6	86.6	87.0	87.0
40°	78.6	78.6	78.1	78.6	78.6
42.5°	70.5	70.5	70.5	70.5	70.5
45°	63.7	63.3	63.3	63.3	63.3
47.5°	56.9	56.9	56.9	56.5	56.9
50°	51.4	51.0	51.0	51.0	51.0
52.5°	45.4	45.4	45.4	45.4	45.4
55°	40.3	40.3	40.3	40.3	40.3
57.5°	36.1	35.7	35.7	35.7	35.7
60°	31.8	31.8	31.4	31.8	31.8
62.5°	27.6	27.6	27.6	27.6	27.6
65°	24.2	24.2	24.2	24.2	24.2
67.5°	20.8	20.8	20.8	20.8	20.8
70°	17.4	17.4	17.4	17.4	17.4
72.5°	14.9	14.4	14.4	14.4	14.4
75°	11.9	11.9	11.5	11.9	11.9
77.5°	8.9	8.9	8.9	8.9	8.9
80°	6.8	6.8	6.8	6.4	6.8
82.5°	4.2	4.2	4.2	4.2	4.2
85°	2.1	2.1	2.1	2.1	2.1
87.5°	0.4	0.4	0.4	0.8	0.8



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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)