

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: P1281257

Luminaire Tested: P3AS05R25B2750DE010 E3PHLD1MW\_2700K

Issue Date: 1/29/2026

**Test Information**

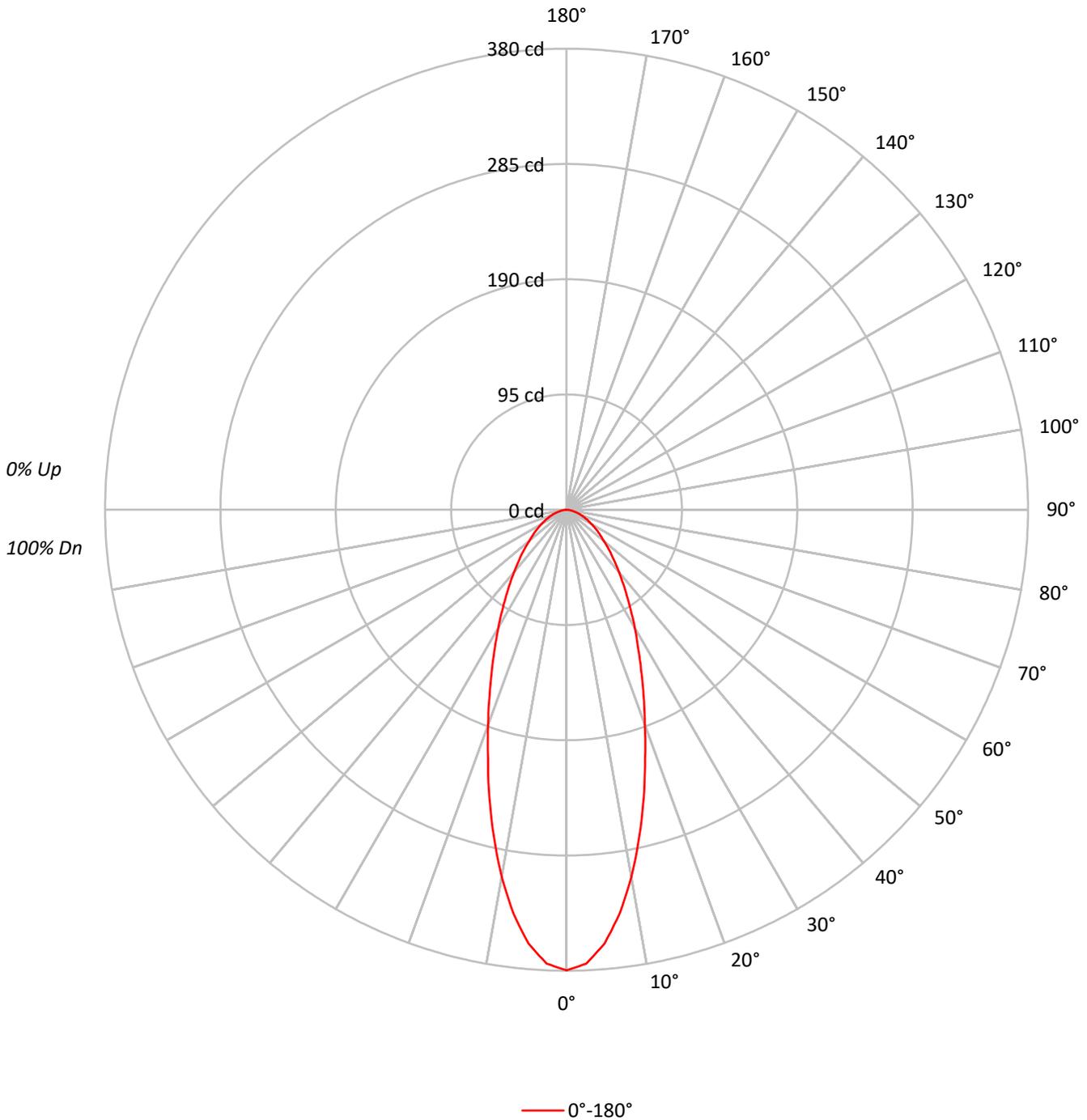
Test Method: LM-79-2019  
Report Number: P1281257  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R25B2750DE010 E3PHLD1MW\_2700K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 319.0 lumens  
Efficiency: N/A  
Efficacy: 54.1 lumens/watt  
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71  
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





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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	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80
3	98	89	83	78	95	88	82	78	85	80	76	83	78	75	80	77	74	72
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	65
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	59
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	55
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	50
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	41

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

	0°
0°	83239
5°	79000
10°	68424
15°	55710
20°	44010
25°	35107
30°	28460
35°	23182
40°	19207
45°	16188
50°	13680
55°	12043
60°	10569
65°	9236
70°	8078
75°	6778
80°	5051
85°	2768

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 16188 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	32.6	10.2
10°-20°	68.0	21.3
20°-30°	67.1	21.0
30°-40°	54.6	17.1
40°-50°	40.5	12.7
50°-60°	28.3	8.9
60°-70°	17.7	5.6
70°-80°	8.5	2.7
80°-90°	1.6	0.5
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°	167.7	52.6
0°-40°	222.3	69.7
0°-60°	291.1	91.3
0°-90°	319.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	319.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	380	
5°	359	33
15°	245	68
25°	145	67
35°	87	55
45°	52	41
55°	32	28
65°	18	18
75°	8	9
85°	1	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	379.6
2.5°	374.4
5°	358.9
7.5°	335.4
10°	307.3
12.5°	276.4
15°	245.4
17.5°	215.0
20°	188.6
22.5°	165.7
25°	145.1
27.5°	127.3
30°	112.4
32.5°	98.6
35°	86.6
37.5°	76.3
40°	67.1
42.5°	59.1
45°	52.2
47.5°	45.9
50°	40.1
52.5°	35.5
55°	31.5
57.5°	27.5
60°	24.1
62.5°	20.6
65°	17.8
67.5°	14.9
70°	12.6
72.5°	10.3
75°	8.0
77.5°	5.7
80°	4.0
82.5°	2.3
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)