

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: P1281422

Luminaire Tested: P3AS05R30B2750DE010 E3PHLP1MW\_2700K

Issue Date: 1/29/2026

**Test Information**

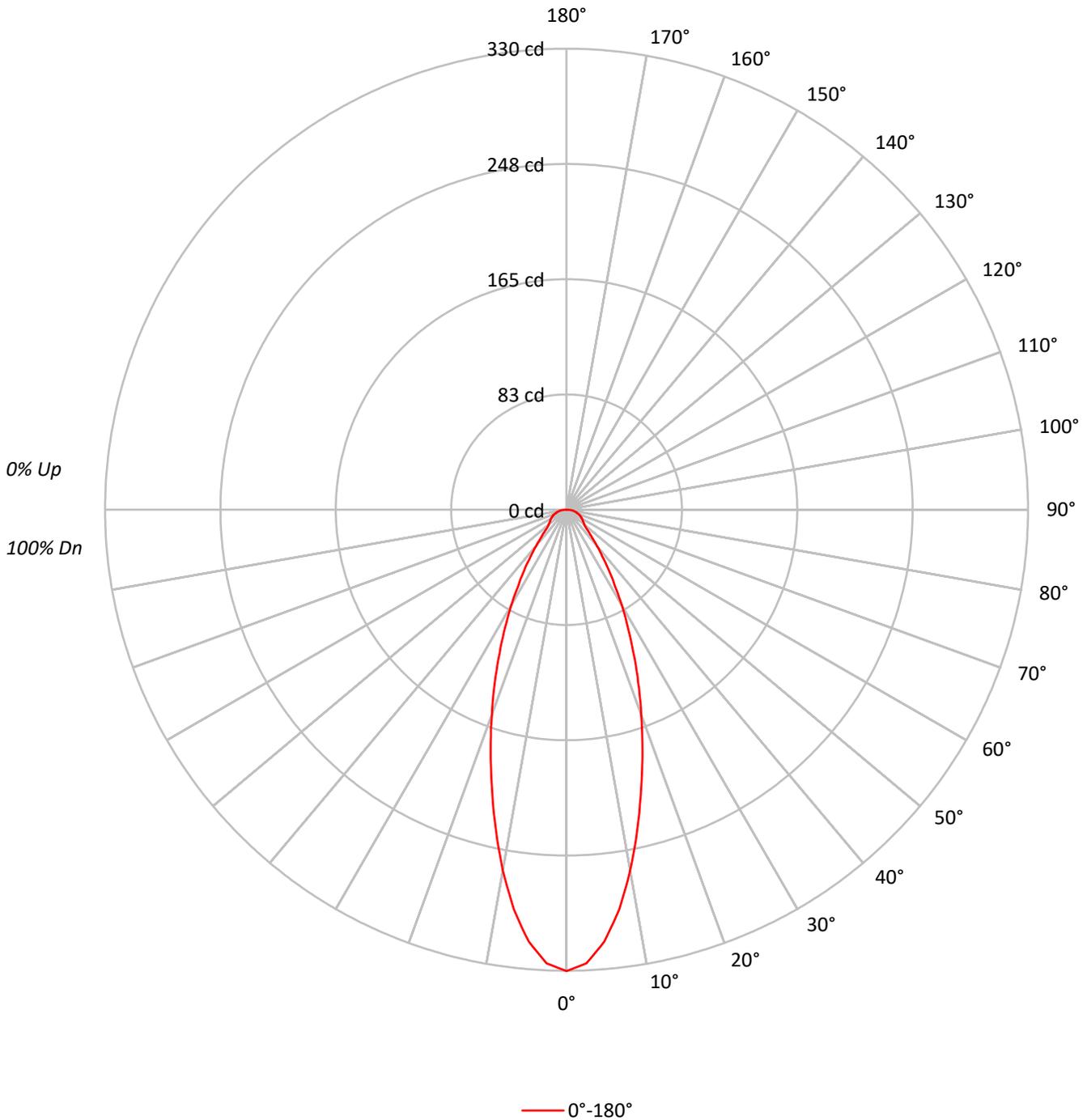
Test Method: LM-79-2019  
Report Number: P1281422  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R30B2750DE010 E3PHLP1MW\_2700K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 223.0 lumens  
Efficiency: N/A  
Efficacy: 37.8 lumens/watt  
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67  
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	101	102	100	97	98	96	94	95	93	92	90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	65	63
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	59
7	79	69	62	57	78	68	62	57	67	61	57	66	60	57	64	60	56	55
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	51
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46

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

	0°
0°	72406
5°	68281
10°	58360
15°	46765
20°	36450
25°	27413
30°	20003
35°	14081
40°	9675
45°	6915
50°	5663
55°	5467
60°	5526
65°	5656
70°	5898
75°	6270
80°	6566
85°	7296

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 7728 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	28.1	12.6
10°-20°	57.2	25.7
20°-30°	52.2	23.4
30°-40°	33.2	14.9
40°-50°	17.8	8.0
50°-60°	13.0	5.8
60°-70°	10.9	4.9
70°-80°	7.6	3.4
80°-90°	3.0	1.4
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°	137.5	61.6
0°-40°	170.7	76.5
0°-60°	201.4	90.3
0°-90°	223.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	223.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	330	
5°	310	28
15°	206	57
25°	113	52
35°	53	33
45°	22	18
55°	14	13
65°	11	11
75°	7	8
85°	3	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	330.2
2.5°	325.0
5°	310.2
7.5°	288.4
10°	262.1
12.5°	234.0
15°	206.0
17.5°	180.3
20°	156.2
22.5°	133.9
25°	113.3
27.5°	95.0
30°	79.0
32.5°	64.1
35°	52.6
37.5°	41.8
40°	33.8
42.5°	26.9
45°	22.3
47.5°	18.3
50°	16.6
52.5°	15.5
55°	14.3
57.5°	13.7
60°	12.6
62.5°	12.0
65°	10.9
67.5°	10.3
70°	9.2
72.5°	8.0
75°	7.4
77.5°	6.3
80°	5.2
82.5°	4.6
85°	2.9
87.5°	1.1
90°	0.0

(END OF REPORT)