

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: P1259439

Luminaire Tested: P3AS05R709050DE010 E3CB1MMS

Issue Date: 1/30/2026

**Test Information**

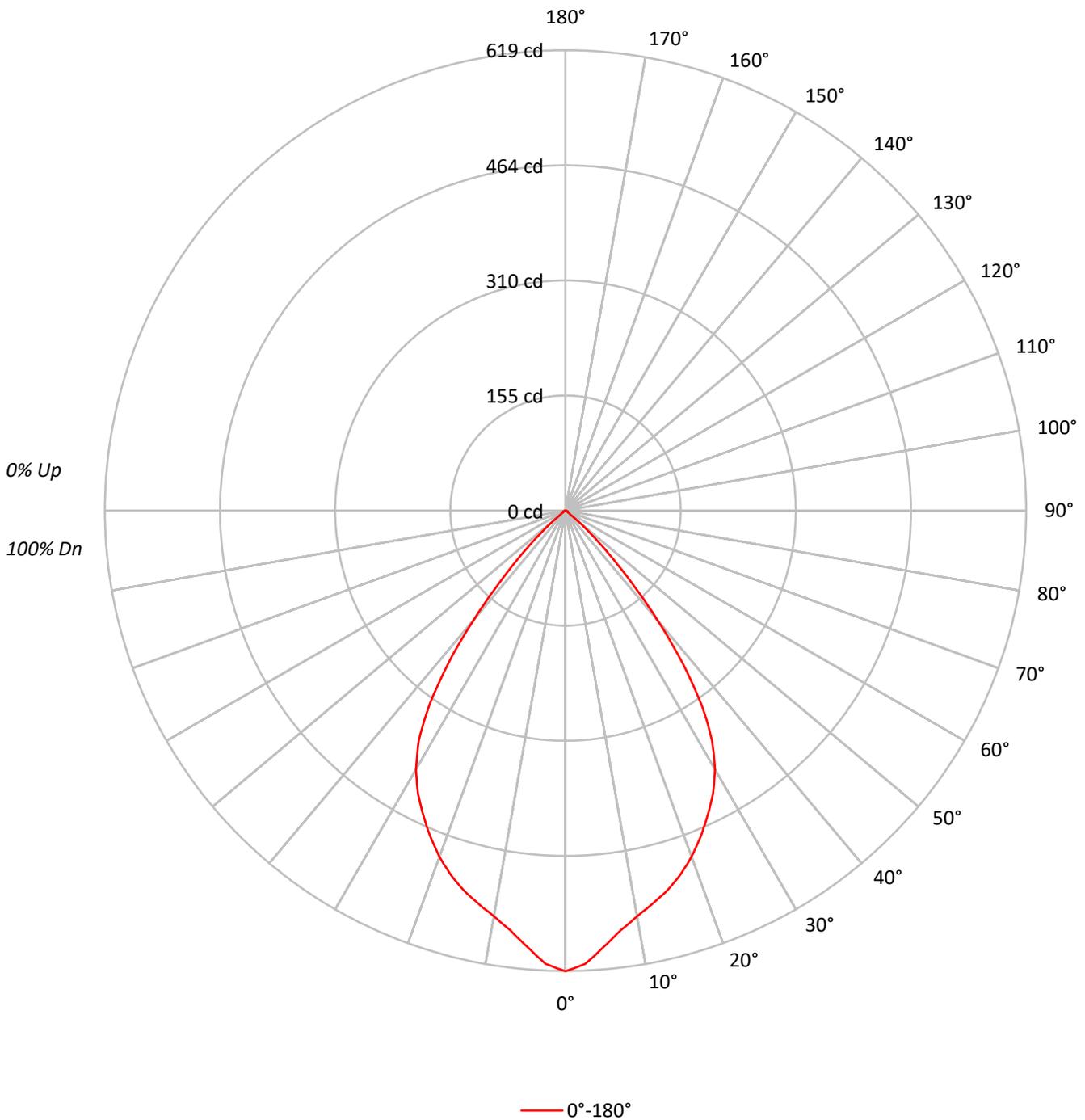
Test Method: LM-79-2019  
Report Number: P1259439  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-48)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R709050DE010 E3CB1MMS  
Description: 3in Adjustable LED luminaire with, R70 optic, 5000K CCT AND, 90CRI , E3CB1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 684.0 lumens  
Efficiency: N/A  
Efficacy: 95.0 lumens/watt  
Spacing Criteria (0/90/45): 1.01 / 1.01 / 1.03  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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				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	100				100
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93				93
2	107	102	97	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85				85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	82	80	78				78
4	95	87	81	77	94	86	81	76	84	79	75	82	78	75	80	77	74	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61				61
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57				57
8	76	66	59	55	75	65	59	55	64	58	55	63	58	54	62	57	54	53				53
9	72	62	55	51	71	61	55	51	60	55	51	59	54	50	58	54	50	49				49
10	68	58	52	47	67	57	51	47	56	51	47	56	51	47	55	50	47	46				46

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

	0°
0°	135822
5°	129606
10°	123311
15°	120023
20°	115580
25°	109385
30°	101737
35°	85474
40°	55075
45°	25615
50°	6720
55°	1682
60°	1667
65°	1401
70°	1410
75°	1356
80°	1389
85°	1258

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 25615 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	55.1	8.1
10°-20°	148.5	21.7
20°-30°	207.5	30.3
30°-40°	192.4	28.1
40°-50°	69.0	10.1
50°-60°	5.9	0.9
60°-70°	2.9	0.4
70°-80°	1.9	0.3
80°-90°	0.7	0.1
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°	411.2	60.1
0°-40°	603.6	88.3
0°-60°	678.5	99.2
0°-90°	684.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	684.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	619	
5°	589	55
15°	529	149
25°	452	208
35°	319	192
45°	83	69
55°	4	6
65°	3	3
75°	2	2
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	619.4
2.5°	610.1
5°	588.8
7.5°	569.1
10°	553.8
12.5°	541.2
15°	528.7
17.5°	513.3
20°	495.3
22.5°	474.5
25°	452.1
27.5°	429.2
30°	401.8
32.5°	366.8
35°	319.3
37.5°	258.6
40°	192.4
42.5°	131.2
45°	82.6
47.5°	45.9
50°	19.7
52.5°	6.6
55°	4.4
57.5°	3.8
60°	3.8
62.5°	3.3
65°	2.7
67.5°	2.7
70°	2.2
72.5°	2.2
75°	1.6
77.5°	1.6
80°	1.1
82.5°	1.1
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)