

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: P1253987

Luminaire Tested: P3AS05R509035DE010 E3CB1MB

Issue Date: 1/30/2026

**Test Information**

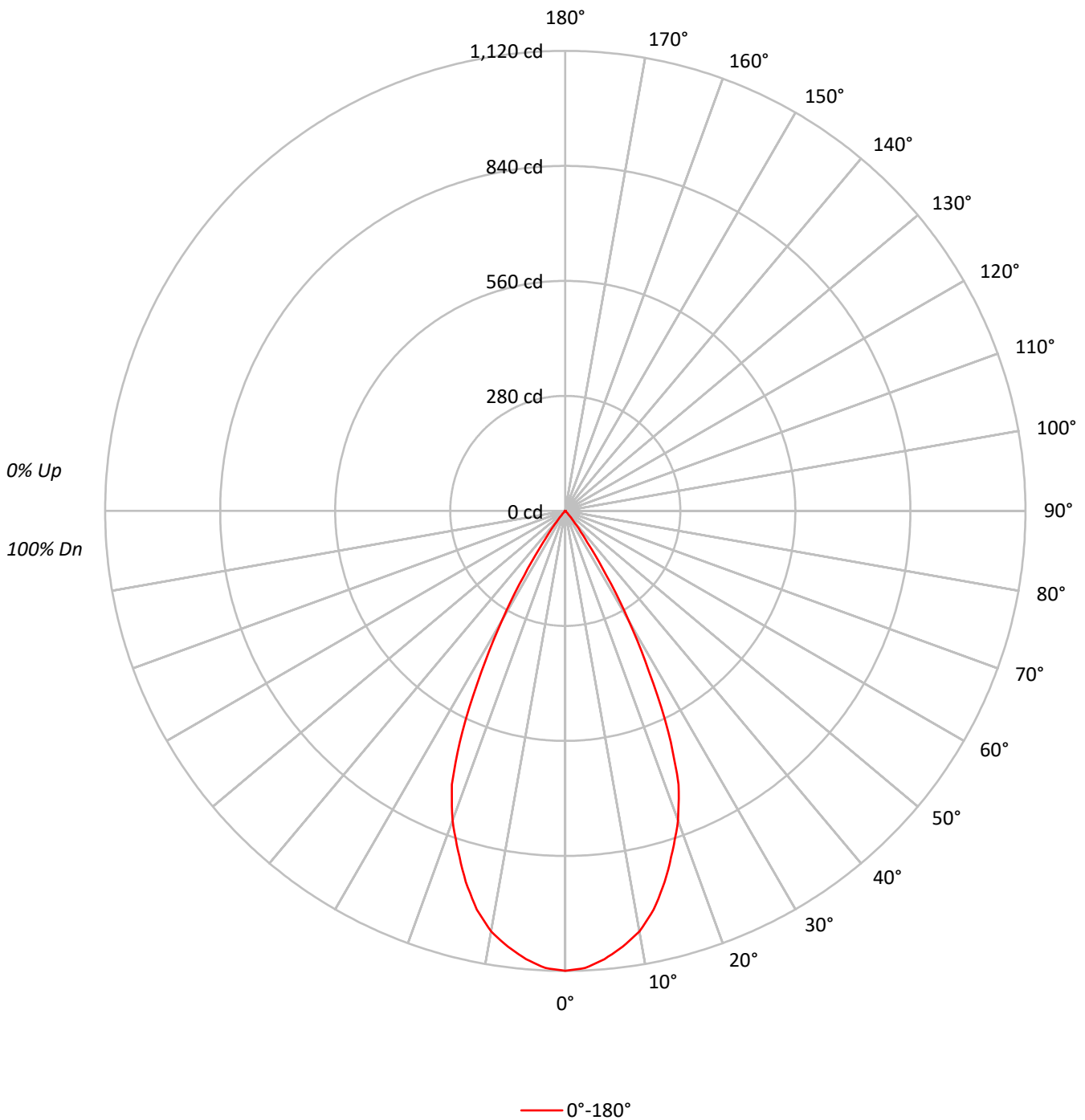
Test Method: LM-79-2019  
Report Number: P1253987  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-32)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R509035DE010 E3CB1MB  
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 90CRI , E3CB1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 704.9 lumens  
Efficiency: N/A  
Efficacy: 97.9 lumens/watt  
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.76  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	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	114	112	109	107	112	109	107	106	105	104	102	102	101	99	98	97	97	97	97	97	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	91	91	91	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	86	86	86	85
4	100	94	89	85	99	92	88	85	90	87	84	88	85	83	87	84	82	82	82	82	80
5	96	89	84	80	94	88	83	79	86	82	79	84	81	78	83	80	77	77	77	77	76
6	92	84	79	75	91	83	79	75	82	78	74	81	77	74	79	76	73	73	73	73	72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	70	70	70	69
8	85	76	71	67	83	76	71	67	75	70	67	74	70	67	73	69	66	66	66	66	65
9	81	73	68	64	80	72	67	64	71	67	64	71	66	63	70	66	63	63	63	63	62
10	78	69	64	61	77	69	64	61	68	64	61	68	63	61	67	63	60	60	60	60	59

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

	0°
0°	245529
5°	241140
10°	231525
15°	212305
20°	187220
25°	143500
30°	78012
35°	25110
40°	5897
45°	806
50°	716
55°	803
60°	658
65°	778
70°	641
75°	847
80°	631
85°	1258

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 85°  
 Luminance: 1258 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	102.8	14.6
10°-20°	260.0	36.9
20°-30°	260.4	36.9
30°-40°	73.2	10.4
40°-50°	4.4	0.6
50°-60°	1.7	0.2
60°-70°	1.3	0.2
70°-80°	0.9	0.1
80°-90°	0.3	0.0
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°	623.1	88.4
0°-40°	696.3	98.8
0°-60°	702.4	99.6
0°-90°	704.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	704.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1120	
5°	1096	103
15°	935	260
25°	593	260
35°	94	73
45°	3	4
55°	2	2
65°	2	1
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1119.7
2.5°	1114.0
5°	1095.5
7.5°	1070.2
10°	1039.8
12.5°	994.0
15°	935.2
17.5°	867.7
20°	802.3
22.5°	720.9
25°	593.1
27.5°	441.6
30°	308.1
32.5°	186.0
35°	93.8
37.5°	44.3
40°	20.6
42.5°	7.7
45°	2.6
47.5°	2.1
50°	2.1
52.5°	2.1
55°	2.1
57.5°	1.5
60°	1.5
62.5°	1.5
65°	1.5
67.5°	1.0
70°	1.0
72.5°	1.0
75°	1.0
77.5°	0.5
80°	0.5
82.5°	0.5
85°	0.5
87.5°	0.0
90°	0.0

(END OF REPORT)