

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: P1256725

Luminaire Tested: P3AS05R559040DE010 E3CB1MW

Issue Date: 1/30/2026

**Test Information**

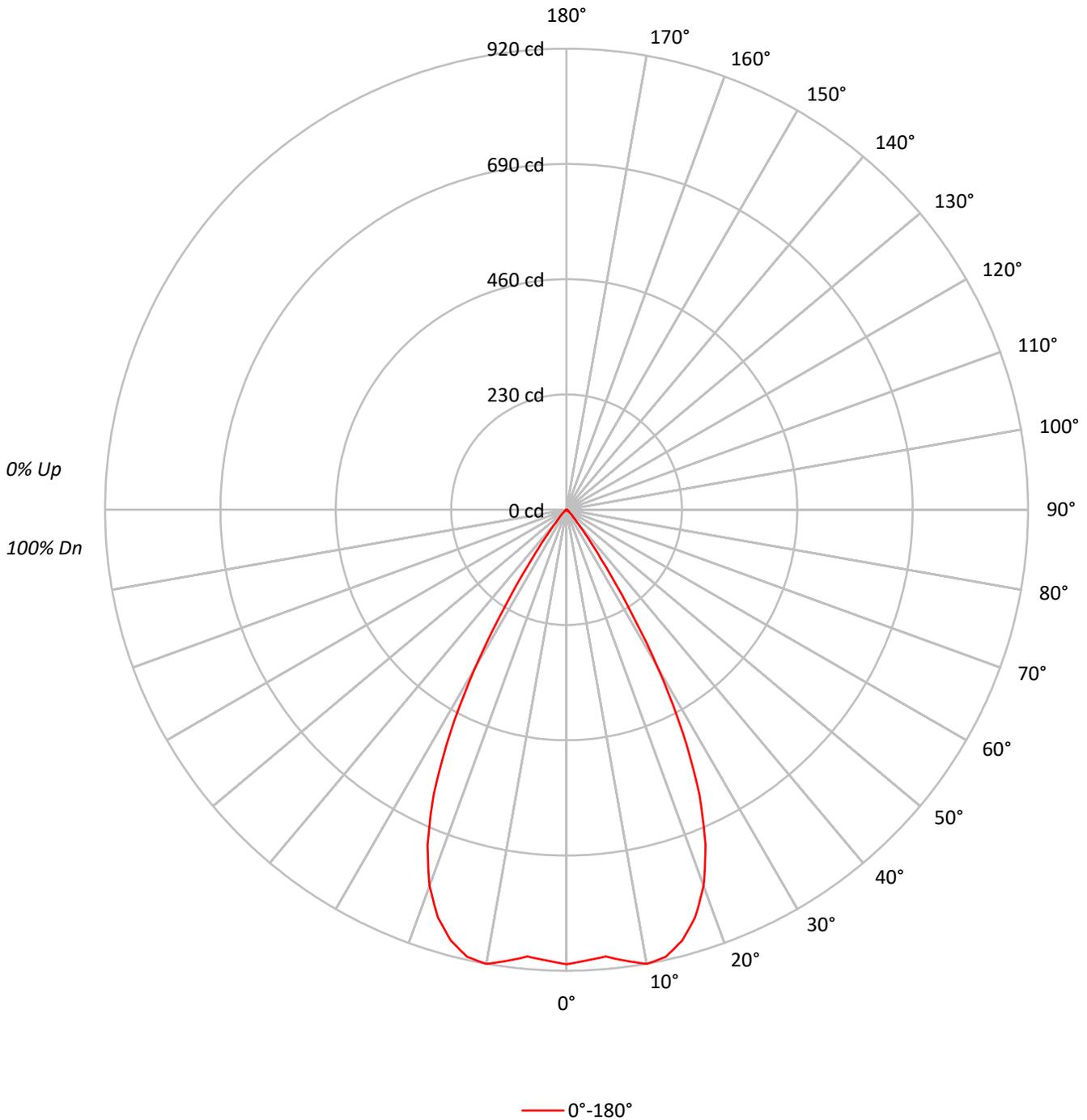
Test Method: LM-79-2019  
Report Number: P1256725  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-36)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R559040DE010 E3CB1MW  
Description: 3in Adjustable LED luminaire with, R55 optic, 4000K CCT AND, 90CRI , E3CB1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 717.0 lumens  
Efficiency: N/A  
Efficacy: 99.6 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.82  
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				
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	100	100
1	114	111	109	107	112	109	107	105	105	104	102	101	100	99	98	97	96	94	94	94	94
2	109	104	101	98	107	103	99	96	100	97	94	97	94	92	94	92	90	89	89	89	89
3	104	98	94	90	102	97	93	89	94	91	88	92	89	86	90	87	85	84	84	84	84
4	99	92	87	84	98	91	87	83	89	85	82	87	84	81	85	83	80	79	79	79	79
5	95	87	82	78	93	86	81	78	85	80	77	83	79	76	82	78	76	74	74	74	74
6	91	83	77	73	89	82	77	73	80	76	72	79	75	72	78	74	72	70	70	70	70
7	87	78	73	69	85	78	72	69	76	72	68	75	71	68	74	70	68	66	66	66	66
8	83	74	69	65	82	74	68	65	73	68	65	72	67	64	71	67	64	63	63	63	63
9	79	71	65	61	78	70	65	61	69	64	61	68	64	61	68	64	61	60	60	60	60
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57	57	57	57

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

	0°
0°	198866
5°	197006
10°	204939
15°	202090
20°	186356
25°	151630
30°	92090
35°	31882
40°	9103
45°	4342
50°	1842
55°	841
60°	965
65°	830
70°	705
75°	932
80°	631
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 4342 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	86.5	12.1
10°-20°	247.4	34.5
20°-30°	275.8	38.5
30°-40°	90.2	12.6
40°-50°	11.9	1.7
50°-60°	2.5	0.4
60°-70°	1.5	0.2
70°-80°	0.9	0.1
80°-90°	0.2	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°	609.8	85.0
0°-40°	700.0	97.6
0°-60°	714.4	99.6
0°-90°	717.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	717.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	907	
5°	895	87
15°	890	247
25°	627	276
35°	119	90
45°	14	12
55°	2	3
65°	2	1
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	906.9
2.5°	900.4
5°	895.0
7.5°	908.0
10°	920.4
12.5°	913.9
15°	890.2
17.5°	852.5
20°	798.6
22.5°	724.2
25°	626.7
27.5°	502.8
30°	363.7
32.5°	223.1
35°	119.1
37.5°	60.4
40°	31.8
42.5°	20.5
45°	14.0
47.5°	9.7
50°	5.4
52.5°	3.2
55°	2.2
57.5°	2.2
60°	2.2
62.5°	1.6
65°	1.6
67.5°	1.1
70°	1.1
72.5°	1.1
75°	1.1
77.5°	0.5
80°	0.5
82.5°	0.5
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)